

KANA

2026

PRODUCTS GUIDE

KANA

PRODUCTS GUIDE



片山チェーン株式会社
KATAYAMA CHAIN CO.,LTD.



KATAYAMA CHAIN (THAILAND) Co., Ltd.

Address: 389/40 MOO10 KHAO KHANSONG, SRIRACHA,
CHONBURI, THAILAND

Postal Code: 20110

Tel: (+66)3-300-2043

Web: <https://en.kana.co.th/#/>

Japanese Inspection Criteria: High Quality, High Cost Performance

Inspection Criteria

The quality is unchanged by meeting the same inspection requirements as those in Japan.
All key dimensions are fully inspected.

Inspection Tools

Our company's inspection tools are from brands such as MITUTOYO, INSIZE, and BRUKER.



Application Fields



Conveying Equipment



Packaging Machine



Agricultural Harvester



Automatic Warehouse

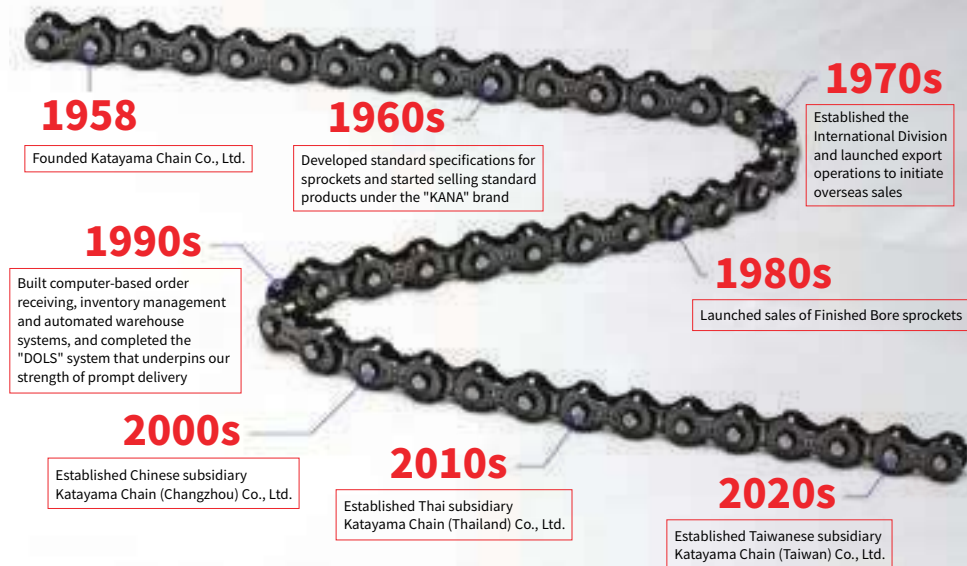


Food Production Line



Mechanical Three-Dimensional Parking Garage

Company Profile



Our customers span across the globe, and we have established solid partnerships with 56 countries



General Catalog

- Product Index
P.2~12

Sprockets	P.13 ~ 239
Roller Chains	P.240 ~ 295
Chain Accessories	P.296 ~ 299
Idlers & Tensioners	P.300 ~ 311
Couplings	P.312 ~ 325
KanaLock	P.326 ~ 339
Shaft Collars	P.340 ~ 355
Timing Pulleys/Flanges	P.356 ~ 381
Gears	P.382 ~ 439

Description of Icons

Icon	Meaning
	New Product
	Expanded Series
	China National Standards
	Material

Icon	Meaning
	Hardening Heat Treatment
	Information
	Surface Treatment



Product Index

Finished Bore Sprocket (Shaft Hole Complete Product)

Style	Type	Sprocket No. and the page no. it appears on									
		11	15	25	35	40	50	60	80	100	120
	SUSFBP-B Round Tap Hole	P.14	—	—	—	—	—	—	—	—	—
	FBP-B Round Tap Hole	—	P.18	—	—	—	—	—	—	—	—
	FBN-B New JIS Key	—	P.18	P.22	P.30	P.52	P.80	P.108	P.136	P.162	P.182
	FBK-B Old JIS Key	—	—	—	P.34	P.56	P.84	P.112	P.140	—	—
	SUSFBN-B New JIS Key	—	—	P.24	P.38	P.60	P.88	P.116	P.144	P.166	—
	FBN-SD New JIS Key	—	—	—	—	P.62	P.90	P.118	P.146	—	—
Style	Type	Sprocket No. and the page no. it appears on									
	FBN Double Pitch S Roller	2040		2050		2060		2080		2100	
		P.210		P.210		P.210		P.212		P.212	
	FBN Double Pitch R Roller	2042		2052		2062		2082			
		P.214		P.214		P.216		P.216		—	
	SUSFBN Double Pitch S Roller	2040		2050		2060		2080		2100	
		P.218		P.218		P.218		—		—	
	SUSFBN Double Pitch R Roller	2042		2052		2062		2082		2102	
		P.219		P.219		P.219		—		—	

Surface Treatment Series	Style	Type	Sprocket No. and the page no. it appears on									
			11	15	25	35	40	50	60	80	100	120
		FBP-B Round Tap Hole	—	P.19	—	—	—	—	—	—	—	—
		FBN-B New JIS Key	—	P.19	P.23	P.32	P.54	P.82	P.110	P.138	P.164	P.183
		FBK-B Old JIS Key	—	—	—	P.36	P.58	P.86	P.114	P.142	—	—
		FBN-SD New JIS Key	—	—	—	—	P.63	P.91	P.119	P.147	—	—
	Style	Type	Sprocket No. and the page no. it appears on									
		FBN Double Pitch S Roller	2040		2050		2060		2080		2100	
			P.211		P.211		P.211		P.213		P.213	
	FBN Double Pitch R Roller	2042		2052		2062		2082				
		P.215		P.215		P.217		P.217		—		

Standard Sprocket	Style	Type	Sprocket No. and the page no. it appears on												
			11	15	25	35	410	40	50	60	80	100	120	140	160
		A Type	—	—	P.25	P.40	P.48	P.64	P.92	P.120	P.148	P.168	P.184	P.196	P.202
		B Type	—	P.20	—	P.42	P.50	P.72	P.100	P.128	P.154	P.174	P.190	P.200	P.205
		K-B Type (former B Type)	—	—	P.26	P.44	—	P.75	P.103	P.131	P.157	—	—	—	—
		C Type	—	—	—	—	—	P.74	P.102	P.130	P.156	P.176	P.192	P.201	P.205
		2B Type	—	—	—	P.47	—	P.78	P.106	P.134	P.160	P.180	P.194	—	—
		2C Type	—	—	—	—	—	—	—	—	—	P.181	P.195	—	—

High-grade Sprocket (Hardened Teeth)	Style	Type	Sprocket No. and the page no. it appears on											
			35	40	50	60	80	100	120	140	160	180	200	240
		HG-A Hardened Teeth Sprocket	P.41	P.66	P.94	P.122	P.150	P.170	P.186	P.197	P.203	P.206	P.207	P.208
		HG-2A Hardened Teeth Sprocket	—	P.70	P.98	P.126	P.152	P.172	P.188	P.198	P.204	—	—	—

Special Purpose Sprocket	Style	Type	Sprocket No. and the page no. it appears on								
			11	15	25	35	40	50	60	80	100
		SUS-A Stainless Steel Sprocket	—	—	—	—	P.68	P.96	P.124	—	—
		SUS-B Stainless Steel Sprocket	P.15	—	P.28	P.45	P.76	P.104	P.132	P.158	P.178
		SUS-C Stainless Steel Sprocket	P.16	—	—	—	—	—	—	—	—
		SD Single-Double Sprocket	—	—	—	P.46	P.77	P.105	P.133	P.159	P.179

Double Pitch Sprocket	Style	Type	Sprocket No. and the page no. it appears on						
			2040	2050	2060	2080	2100	2120	2160
		S Roller B-type	P.220	P.224	P.228	P.232	P.236	P.238	P.238
		Stainless Steel S Roller B-type	P.222	P.226	P.230	P.234	—	—	—
			2042	2052	2062	2082	2102	2122	2162
		R Roller B-type	P.221	P.225	P.229	P.233	P.237	P.239	P.239
		Stainless Steel R Roller B-type	P.223	P.227	P.231	P.235	—	—	—

Product Index

KANA FIT LINK Roller Chains



P.244

KANA FIT LINK
Roller Chains



P.252

KANA SUS FIT LINK
Roller Chains

KANA Roller Chains



P.262

KANA Roller Chains



P.266

BS/DIN Standard
KANA Roller Chains



P.268

KANA Stainless Steel
Roller Chains



P.270

BS/DIN Standard
KANA Stainless Steel Roller Chains



P.272

KANA Plated Chains



P.274

KANA Heavy-Duty Chains



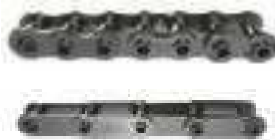
P.276

KANA Oval Type Chains



P.278

KANA Side Bow Chains



P.280

KANA Hollow Pin Chains



P.282

KANA Roller Chains
with Attachments



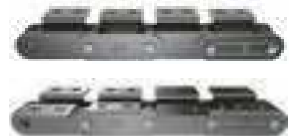
P.286

KANA Double Pitch
Roller Chains



P.288

KANA Double Pitch
Stainless Steel Roller Chains



P.290

KANA Double Pitch
Roller Chains with Attachments

Product Index

KANA Roller Chains



P.294

KANA Super Roller Chains

Chain Accessories



P.296

Chain Cutters/Chain Cutter Sets

Idlers & Tensioners



P.300

Idler Sprocket



P.306

ID Adapters



P.309

Straight Tension



P.310

Tensioners



P.311

Tight-Holders

Couplings



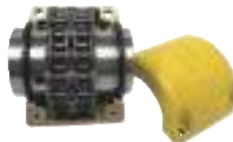
P.312

FBN/FBK Chain Couplings



P.312

<Surface Treatment> FBN/FBK
Chain Couplings



P.320

Chain Couplings

Product Index

KanaLock



P.326

KanaLock

Shaft Collars



P.340

Shaft Collars

Timing Pulleys/Flanges



P.356

Timing Pulleys



P.370

Super Torque Timing Pulleys



P.380

Timing Pulley Flanges

Gears Spur Gears



P.382

KANA SCMMT Tempered
Spur Gears



P.384

KANA M Spur Gears



P.406

KANA MU Spur Gears



P.412

KANA M-A Spur Gears A-type

Product Index

Gears Spur Gears



P.420

KANA MU-A Spur Gears A-type



P.422

KANA SUSM
Stainless Steel Spur Gears



P.425

KANA SUSM-A
Stainless Steel Spur Gears A-type

Gears Racks



P.428

KANA KF Racks



P.430

KANA KFH
Mounting Hole Machined Rack Gear

Gears
CP Racks



P.432

KANA
KCPF CP Racks

Gears
Ring Gears



P.433

KANA
CRM Ring Gears

Gears
Worm Wheels & Worms



P.434

KANA
KU Worms



P.436

KANA
FCUH Worm Wheels

Product Index

Gears
Miter Gears



Sprocket Guide

- (1) Since the current notation for the dimensions for the pilot hole diameter d is continually subject to change, please contact us if you intend to use the minimum diameter.
- (2) Pilot hole
The pilot hole is a guideline value before finishing. It may be smaller than the listed dimensional value.
- (3) With modifications to our standard sprocket manufacturing criteria, there may be slight differences in the outer diameter of the sprocket (including the coupling) compared to the dimension notation, due to differences between the new and old manufacturing criteria.
- (4) With modifications to our standard sprocket manufacturing criteria, in chamfering of the boss outer diameter, please take care as the boss C chamfering may interfere with the boss side face when tap machining, due to differences between the new and old manufacturing criteria.
- (5) Surface Treatment
As part of our efforts to reduce environmentally hazardous substances, we may change our standard stocked products, from surface treatment to no surface treatment.
- (6) Tempering (temper color)
At present, some varieties of our standard sprocket are treated for high-frequency hardened teeth, but for quality improvement, they are additionally tempered as needed. Please note that it will take on various shades of tempered color depending on the product.

KANA

SUSFBP11B

● **Order No. Example**
SUSFBP11B 20 D8
 TYPE No. of Teeth ϕD

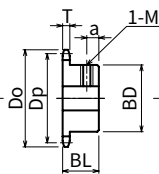
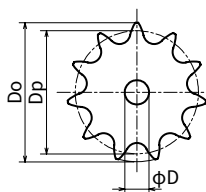
■ Chain **No.11**
 ■ Chain Pitch (P) **3.7465 mm**
 ■ Bushing Link Inner Width (W) **1.83 mm**
 ■ Bushing Outside Diameter (Dr) **2.285 mm**
 ■ Tooth Width (T) **1.6 mm**



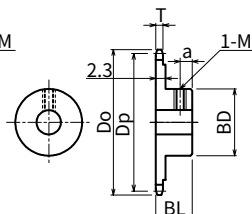
B-I-type



B-II-type



B-I-type



B-II-type

m Stainless Steel **GB** 304

TYPE	No. of Teeth	Model	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (g)	ϕD^1 Reference
SUS FBP11B	12	B-I-type	16.2	14.475	9.4	10.5	4	5.9	5
	15		19.9	18.020	13	10.5	4	11.6	5 6
	16		21.1	19.204	14	10.5	4	13.5	5 6 8
	18		23.5	21.575	16	10.5	4	17.8	5 6 8
	20		25.9	23.949	19	10.5	4	23.4	8 10
	24		30.7	28.703	19	10.5	4	25.9	8 10
	28		35.5	33.462	19	10.5	4	28.8	8 10
	30	B-II-type	37.9	35.842	19	10.5	4	33.1	8 10
	34		42.7	40.604	19	10.5	4	37.9	8 10
	36		45.1	42.986	19	10.5	4	40.8	8 10
	40		49.8	47.751	19	10.5	4	46.9	8 10
	48		59.4	57.283	19	10.5	4	60.6	8 10

(*1) Finished Hole Tolerance Less than $\phi 8$: H8
 More than $\phi 8$: H7

Shaft Hole Machined Specification

ϕD^1 Reference	Keyway $b \times t^2$	Set Screw M
5~7	-	3
8~10	-	4

KANA

NK11SSB

● **Order No. Example**
NK11SSB 20
 TYPE No. of Teeth

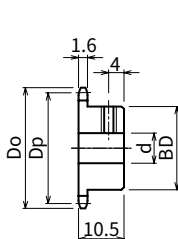
Chain **No.11**
 Chain Pitch **(P) 3.7465 mm**
 Bushing Link Inner Width **(W) 1.83 mm**
 Bushing Outside Diameter **(Dr) 2.285 mm**
 Tooth Width **(T) 1.6 mm**



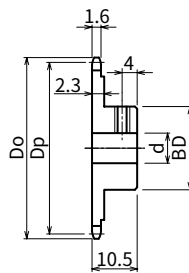
B-I-type



B-II-type



B-I-type



B-II-type

m Stainless Steel **CB** 304

Product Model Number	Model	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Boss Diameter BD	Boss Length BL	Set Screw Hole	Shape	Weight (g)
				Minimum	Maximum					
NK11SSB12	B-I-type	16.2	14.475	4	6	9.4	10.5	M3	Ground Specification	5.9
NK11SSB15		19.9	18.020	4	9	13	10.5			11.6
NK11SSB16		21.1	19.204	4	9	14	10.5			13.5
NK11SSB18		23.5	21.575	4	11	16	10.5			17.8
NK11SSB20		25.9	23.949	6	13	19	10.5			23.4
NK11SSB24	B-II-type	30.7	28.703	6	13	19	10.5	M4		25.9
NK11SSB28		35.5	33.462	6	13	19	10.5			28.8
NK11SSB30		37.9	35.842	6	13	19	10.5			33.1
NK11SSB34		42.7	40.604	6	13	19	10.5			37.9
NK11SSB36		45.1	42.986	6	13	19	10.5			40.8
NK11SSB40		49.8	47.751	6	13	19	10.5			46.9
NK11SSB48		59.4	57.283	6	13	19	10.5			60.6

* Shaft hole diameters are machined, within the ranges in the above table.

* Finished Hole Tolerance Less than $\phi 8$: H8
 More than $\phi 8$: H7

* Screws are not included.

KANA

NK11SSC

● **Order No. Example**
NK11SSC 20
 TYPE No. of Teeth

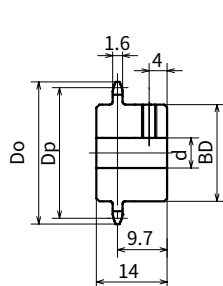
■ Chain **No.11**
 ■ Chain Pitch (P) **3.7465 mm**
 ■ Bushing Link Inner Width (W) **1.83 mm**
 ■ Bushing Outside Diameter (Dr) **2.285 mm**
 ■ Tooth Width (T) **1.6 mm**



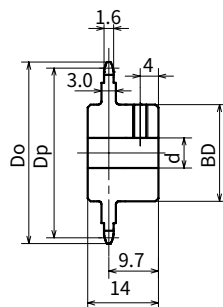
C-I-type



C-II-type



C-I-type



C-II-type

m Stainless Steel **GB** 304

Product Model Number	Model	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Boss Diameter BD	Boss Length BL	Set Screw Hole	Shape	Weight (g)
				Minimum	Maximum					
NK11SSC12	C-I-type	16.2	14.475	4	6	9.4	14	M3	Ground Specification	7.5
NK11SSC15		19.9	18.020	4	9	13	14			14.9
NK11SSC16		21.1	19.204	4	9	14	14			17.4
NK11SSC18		23.5	21.575	4	11	16	14			23.0
NK11SSC20		25.9	23.949	6	13	19	14			30.5
NK11SSC24	C-II-type	30.7	28.703	6	13	19	14	M4		33.0
NK11SSC28		35.5	33.462	6	13	19	14			35.9
NK11SSC30		37.9	35.842	6	13	19	14			42.8
NK11SSC34		42.7	40.604	6	13	19	14			48.7
NK11SSC36		45.1	42.986	6	13	19	14			52.6
NK11SSC40		49.8	47.751	6	13	19	14			60.4
NK11SSC48		59.4	57.283	6	13	19	14			77.9

* Shaft hole diameters are machined, within the ranges in the above table.

* Finished Hole Tolerance Less than $\phi 8$: H8
 More than $\phi 8$: H7

* Screws are not included.

KANA

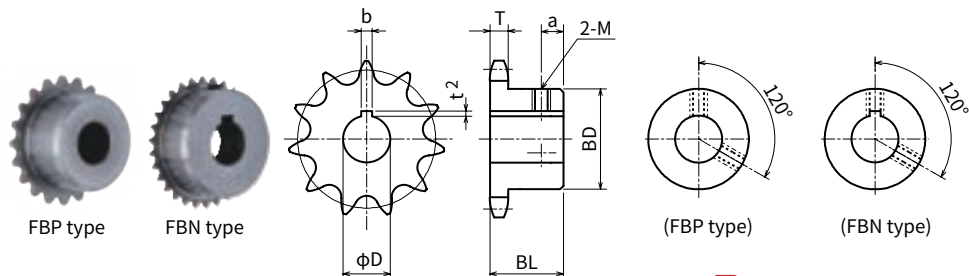
Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA**FBP15B/FBN15B**● **Order No. Example****FBP15B20D10**
FBN15B30D15TYPE No. of Teeth ϕD

Chain	.....	No.15
Chain Pitch	.....	(P) 4.7625 mm
Bushing Link Inner Width	.....	(W) 2.38 mm
Bushing Outside Diameter	.....	(Dr) 2.48 mm
Tooth Width	.....	(T) 2.0 mm

**m** Carbon Structural Steel

Sprocket No.		Outer Diameter	Pitch Diameter	Boss Diameter	Boss Length	a	Weight	ϕD^{H7}
TYPE	No. of Teeth	Do	Dp	BD	BL		(g)	
FBP 15B	11	19.0	16.904	11	10	4	10	5
	12	20.5	18.401	12	10	4	10	5 6
	13	22.0	19.900	14	10	4	15	5 6 8
	14	23.5	21.402	15	12	5	20	8
	15	25.0	22.906	17	12	5	25	8
	16	26.5	24.412	18	12	5	25	10
	17	28.0	25.918	20	14	6	32	10
	18	29.5	27.426	22	14	6	42	10
FBN 15B	20	32.5	30.444	24	14	6	55	10
	24	39.0	36.487	30	16	7	90	10 12 15
	26	42.0	39.511	33	16	7	105	12 15 16
	28	45.0	42.536	37	16	7	135	12 15 16
	30	48.0	45.562	39	16	7	150	12 15 16
	33	52.5	50.102	40	18	8	180	12 15 16
	35	55.5	53.130	40	18	8	190	12 15 16

* Finished Hole Tolerance

Less than $\phi 8$: H8, More than $\phi 8$: H7**Shaft Hole Machined Specification**

ϕD^{H7} Reference	Keyway $b \times t^2$	Set Screw M
5~7	-	3
8~9	-	4
10	3×1.4	4
12	4×1.8	5
14~17	5×2.3	6

● Order No. Example

FBP15B20D10
FBN15B30D15

TYPE No. of Teeth ϕD

BK
UC
CM

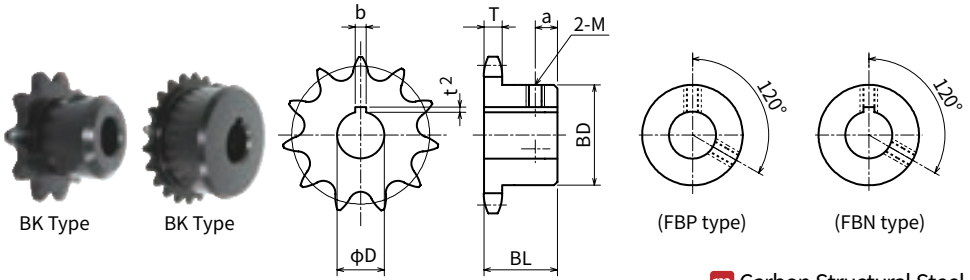
Surface Treatment Type

Surface Treatment

BK = Black Oxide Coating (Ferrosoferric Oxide Coating)

UC = Trivalent UniChrome Plating (White)

CM = Trivalent Chromate Plating (Yellow)



m Carbon Structural Steel

Sprocket No.		Outer Diameter	Pitch Diameter	Boss Diameter	Boss Length	a	Weight (g)	ϕD^{H7}
TYPE	No. of Teeth	Do	Dp	BD	BL			
FBP 15B	11	19.0	16.904	11	10	4	10	5
	12	20.5	18.401	12	10	4	10	5 6
	13	22.0	19.900	14	10	4	15	5 6 8
	14	23.5	21.402	15	12	5	20	8
	15	25.0	22.906	17	12	5	25	8
	16	26.5	24.412	18	12	5	25	10
	17	28.0	25.918	20	14	6	32	10
	18	29.5	27.426	22	14	6	42	10
	20	32.5	30.444	24	14	6	55	10
FBN 15B	24	39.0	36.487	30	16	7	90	10 12 15
	26	42.0	39.511	33	16	7	105	12 15 16
	28	45.0	42.536	37	16	7	135	12 15 16
	30	48.0	45.562	39	16	7	150	12 15 16
	33	52.5	50.102	40	18	8	180	12 15 16
	35	55.5	53.130	40	18	8	190	12 15 16

*1 Finished Hole Tolerance
Less than $\phi 8$: H8, More than $\phi 8$: H7
* Surface treatment is carried out with the set screws as attached.

Shaft Hole Machined Specification

ϕD^1 Reference	Keyway $b \times t^2$	Set Screw M
5~7	-	3
8~9	-	4
10	3×1.4	4
12	4×1.8	5
14~17	5×2.3	6

- Chain **No.15**
- Chain Pitch (P) **4.7625 mm**
- Bushing Link Inner Width (W) **2.38 mm**
- Bushing Outside Diameter (Dr) **2.48 mm**
- Tooth Width (T) **2.0 mm**

KANA

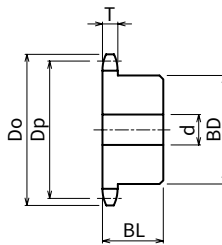
NK15B

● **Order No. Example**

NK15B 20

TYPE No. of Teeth

- Chain **No.15**
- Chain Pitch (P) **4.7625 mm**
- Bushing Link Inner Width (W) **2.38 mm**
- Bushing Outside Diameter (Dr) **2.48 mm**
- Tooth Width (T) **2.0 mm**



m Carbon Structural Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (g)
			Pilot hole	Minimum	Maximum				
NK15B11	19.0	16.904	4	5	7	11	10	Ground Specification	10
NK15B12	20.5	18.401	4	5	8	12	10		10
NK15B13	22.0	19.900	4	5	9	14	10		15
NK15B14	23.5	21.402	6	7	10	15	12		20
NK15B15	25.0	22.906	6	7	12	17	12		25
NK15B16	26.5	24.412	8	9	12	18	12		25
NK15B17	28.0	25.918	8	9	14	20	14		32
NK15B18	29.5	27.426	8	9	14	22	14		42
NK15B19	31.0	28.935	8	9	15	23	14		44
NK15B20	32.5	30.444	8	9	15	24	14		55
NK15B21	34.0	31.954	8	9	17	26	14		60
NK15B22	35.5	33.465	8	9	17	27	14		65
NK15B23	37.5	34.976	8	9	17	28	14		70
NK15B24	39.0	36.487	8	9	20	30	16		90
NK15B25	40.5	37.999	8	9	20	32	16		102
NK15B26	42.0	39.511	10	11	22	33	16		105
NK15B27	43.5	41.023	10	11	25	35	16		120
NK15B28	45.0	42.536	10	11	25	37	16		135
NK15B29	46.5	44.049	10	11	25	38	16		140
NK15B30	48.0	45.562	10	11	25	39	16		150
NK15B31	49.5	47.075	10	11	25	40	18		175
NK15B32	51.0	48.588	10	11	25	40	18		178
NK15B33	52.5	50.102	10	11	25	40	18		180
NK15B34	54.0	51.616	10	11	25	40	18		180
NK15B35	55.5	53.130	10	11	25	40	18		190

* The tolerance on the pilot hole diameter d has an H10 finish.

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

FBN25B

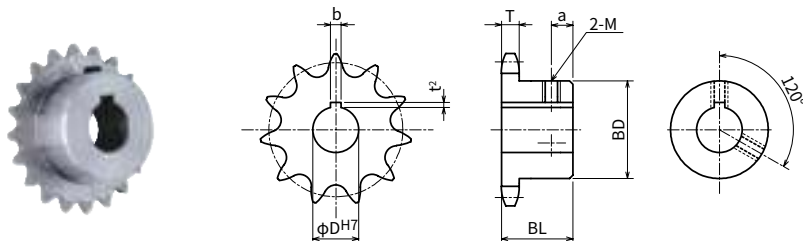
● Order No. Example

FBN25B20D10

TYPE No. of Teeth ϕD^{H7} **K4**

Keyway

- Chain No.25
- Chain Pitch (P) 6.35 mm
- Bushing Link Inner Width (W) 3.18 mm
- Bushing Outside Diameter (Dr) 3.30 mm
- Tooth Width (T) 2.9 (Max.) mm



Carbon Structural Steel

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (g)	ϕD^{H7}		
FBN 25B	13	30	26.534	18	15	6	35	10		
	16	36	32.549	25	15	6	60	10	10	12
	17	38	34.558	25	15	6	65	10	10	12
	18	40	36.568	25	15	6	70	10	10	12
	19	42	38.580	28	15	6	80	10	10	12 15
	20	44	40.592	28	15	6	85	10	10	12 15
	21	46	42.605	28	15	6	85	10	10	12 15
	22	48	44.619	30	15	6	100	12	15	
	23	50	46.634	30	15	6	100	10	10	12 15
	24	52	48.649	30	15	6	105	12	15	
	25	54	50.665	35	15	6	135	12	15 16	
	26	56	52.681	35	15	6	140	12	15 16	
	27	58	54.698	35	15	6	140	12	15 16	
	28	60	56.714	35	15	6	145	10	10	12 15 16
	30	64	60.749	35	15	6	150	12	15 16	
	32	68	64.785	40	20	8	240	15	16 18 20	
	34	72	68.821	40	20	8	240	15	16 18 20	
	35	74	70.839	40	20	8	245	15	16 18 20	
	36	76	72.858	40	20	8	250	15	16 18 20	
	38	80	76.896	40	20	8	260	15	16 18 20	
	40	84	80.934	40	20	8	275	15	16 18 20	

* If you order a special shaft diameter specification, please append K4 after the hole diameter.

Example: FBN25B16D10K4

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
10	3×1.4	4
12	4×1.8	5
14~17	5×2.3	6
18~20	6×2.8	6

Special Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
10	4×1.8	4

KANA

FBN25B Surface Treatment

Order No. Example

FBN25B20D10

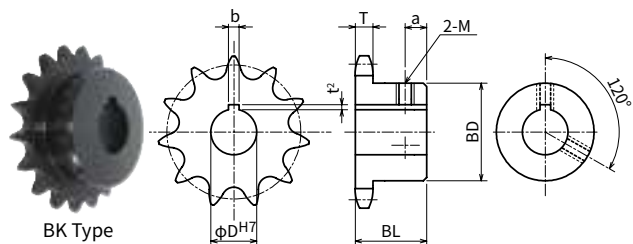
TYPE No. of Teeth ϕD^{H7}

K4

BK
UC
CM

Keyway Surface Treatment Type

Surface Treatment	BK	= Black Oxide Coating (Ferrosoferric Oxide Coating)
	UC	= Trivalent UniChrome Plating (White)
	CM	= Trivalent Chromate Plating (Yellow)



BK Type

Chain	.....	No.25	
Chain Pitch	.....	(P) 6.35	mm
Bushing Link Inner Width	.....	(W) 3.18	mm
Bushing Outside Diameter	.....	(Dr) 3.30	mm
Tooth Width	.....	(T) 2.9 (Max.)	mm

m Carbon Structural Steel

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (g)	ϕD^{H7}			
FBN 25B	13	30	26.534	18	15	6	35	10			
	16	36	32.549	25	15	6	60	10	10	12	
	17	38	34.558	25	15	6	65	10	10	12	
	18	40	36.568	25	15	6	70	10	10	12	
	19	42	38.580	28	15	6	80	10	10	12	15
	20	44	40.592	28	15	6	85	10	10	12	15
	21	46	42.605	28	15	6	85	10	10	12	15
	22	48	44.619	30	15	6	100	12	15		
	23	50	46.634	30	15	6	100	10	10	12	15
	24	52	48.649	30	15	6	105	12	15		
	25	54	50.665	35	15	6	135	12	15	16	
	26	56	52.681	35	15	6	140	12	15	16	
	27	58	54.698	35	15	6	140	12	15	16	
	28	60	56.714	35	15	6	145	10	10	12	15 16
	30	64	60.749	35	15	6	150	12	15	16	
	32	68	64.785	40	20	8	240	15	16	18	20
	34	72	68.821	40	20	8	240	15	16	18	20
	35	74	70.839	40	20	8	245	15	16	18	20
	36	76	72.858	40	20	8	250	15	16	18	20
	38	80	76.896	40	20	8	260	15	16	18	20
	40	84	80.934	40	20	8	275	15	16	18	20

* If you order a special shaft diameter specification, please append K4 after the hole diameter.

Example: FBN25B16D10K4

* Surface treatment is carried out with the set screws as attached.

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
10	3×1.4	4
12	4×1.8	5
14~17	5×2.3	6
18~20	6×2.8	6

Special Shaft Hole Machined Specification Parts

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
10	4×1.8	4

KANA

SUSFBN25B

● Order No. Example

SUSFBN25B 20 D10

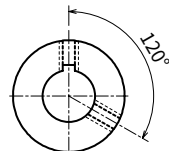
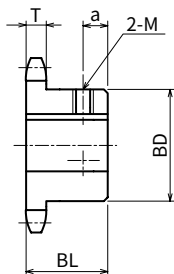
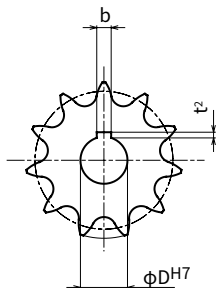
TYPE

No. of Teeth ϕD^{H7}

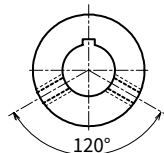
K4

Keyway

- Chain **No.25**
- Chain Pitch (P) **6.35 mm**
- Bushing Link Inner Width (W) **3.18 mm**
- Bushing Outside Diameter (Dr) **3.30 mm**
- Tooth Width (T) **2.9(Max.) mm**



ϕD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (following diagram).



m Stainless Steel **GB** 304

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	ϕD^{H7}
SUS FBN 25B	13	30	26.534	18	14	6	0.04	10	
	16	36	32.549	21	16	6	0.05	10 10	12
	17	38	34.558	23	16	6	0.06	10 10	12
	18	40	36.568	25	16	6	0.07	10 10	12
	19	42	38.580	26	16	6	0.08	10 10 12 15	12
	20	44	40.592	28	16	6	0.09	10 10 12 15	Note 1
	21	46	42.605	30	18	7	0.11	10 10 12 15	
	22	48	44.619	30	18	7	0.12	12 15	
	23	50	46.634	30	18	7	0.12	10 10 12 15	
	24	52	48.649	30	18	7	0.12	12 15	
	25	54	50.665	30	18	7	0.12	12 15 16	
	26	56	52.681	30	18	7	0.13	12 15 16	
	27	58	54.698	30	18	7	0.13	12 15 16	
	28	60	56.714	30	18	7	0.14	10 10 12 15 16	
	30	64	60.749	30	18	7	0.15	12 15 16	
	32	68	64.785	30	18	7	0.15	12 15 16 18	Note 1

* If you order a special shaft diameter specification, please append K4 after the hole diameter.

Example: SUSFBN25B19D10K4

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

Shaft Hole Machined Specification

ϕD^{H7}	Keyway b × t ²	Set Screw M
10	3 × 1.4	4
12	4 × 1.8	5
14~17	5 × 2.3	6
18~20	6 × 2.8	6

Special Shaft Hole Machined Specification Parts

ϕD^{H7}	Keyway b × t ²	Set Screw M
10	4 × 1.8	4

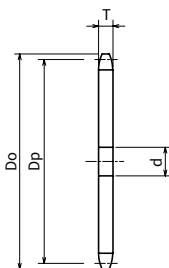
● Order No. Example

25A 20

TYPE No. of Teeth



- Chain **No.25**
- Chain Pitch **(P) 6.35 mm**
- Bushing Link Inner Width **(W) 3.18 mm**
- Bushing Outside Diameter ... **(Dr) 3.30 mm**
- Tooth Width **(T) 2.9(Max.) mm**



m Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
25A10	23	20.549	6	7	0.01
25A11	25	22.539	7	8	0.01
25A12	28	24.535	7	8	0.01
25A13	30	26.534	7	8	0.01
25A14	32	28.537	7	8	0.01
25A15	34	30.542	7	8	0.02
25A16	36	32.549	9	10	0.02
25A17	38	34.558	9	10	0.02
25A18	40	36.568	9	10	0.02
25A19	42	38.580	9	10	0.03
25A20	44	40.592	9	10	0.03
25A21	46	42.605	9	10	0.03
25A22	48	44.619	9	10	0.03
25A23	50	46.634	9	10	0.04
25A24	52	48.649	9	10	0.04
25A25	54	50.665	9	10	0.04
25A27	58	54.698	9	10	0.05
25A28	60	56.714	9	10	0.06
25A29	62	58.732	9	10	0.06
25A30	64	60.749	9	10	0.06
25A32	68	64.785	10	11	0.07
25A33	70	66.803	10	11	0.08
25A35	74	70.839	10	11	0.09
25A36	76	72.858	10	11	0.09
25A37	78	74.877	10	11	0.10
25A38	80	76.896	10	11	0.10
25A40	84	80.934	10	11	0.11
25A42	89	84.972	11	12	0.12
25A45	95	91.031	11	12	0.14
25A50	105	101.130	11	12	0.18
25A55	115	111.230	11	12	0.21
25A60	125	121.331	11	12	0.25
25A70	145	141.536	11	12	0.34
25A75	155	151.639	11	12	0.40
25A80	165	161.743	11	12	0.45

KANA

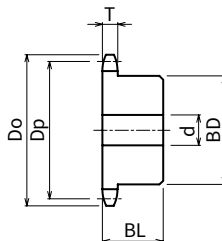
K25B

● Order No. Example

K25B 20

TYPE No. of Teeth

- Chain **No.25**
- Chain Pitch (P) **6.35 mm**
- Bushing Link Inner Width (W) **3.18 mm**
- Bushing Outside Diameter (Dr) **3.30 mm**
- Tooth Width (T) **2.9(Max.) mm**



Carbon Structural Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (g)
			Pilot hole	Minimum	Maximum				
K25B10	23	20.549	6	7	8	14	15	Ground Specification	22
K25B11	25	22.539	7	8	8	15	15		25
K25B12	28	24.535	7	8	9	15	15		25
K25B13	30	26.534	7	8	10	18	15		35
K25B14	32	28.537	7	8	10	20	15		45
K25B15	34	30.542	7	8	10	20	15		45
K25B16	36	32.549	9	10	12	25	15		60
K25B17	38	34.558	9	10	12	25	15		65
K25B18	40	36.568	9	10	12	25	15		70
K25B19	42	38.580	9	10	16	28	15		80
K25B20	44	40.592	9	10	16	28	15		85
K25B21	46	42.605	9	10	16	28	15		85
K25B22	48	44.619	9	10	16	30	15		100
K25B23	50	46.634	9	10	16	30	15		100
K25B24	52	48.649	9	10	16	30	15		105
K25B25	54	50.665	9	10	20	35	15		135
K25B26	56	52.681	9	10	20	35	15		140
K25B27	58	54.698	9	10	20	35	15		140
K25B28	60	56.714	9	10	20	35	15		145
K25B29	62	58.732	9	10	20	35	15		150
K25B30	64	60.749	9	10	20	35	15		150
K25B31	66	62.767	10	11	22	40	20		230
K25B32	68	64.785	10	11	22	40	20		240
K25B33	70	66.803	10	11	22	40	20		240
K25B34	72	68.821	10	11	22	40	20		240
K25B35	74	70.839	10	11	22	40	20		245
K25B36	76	72.858	10	11	22	40	20		250
K25B37	78	74.877	10	11	22	40	20		255
K25B38	80	76.896	10	11	22	40	20		260
K25B39	82	78.915	10	11	22	40	20		270

 Carbon Structural Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (g)
			Pilot hole	Minimum	Maximum				
K25B40	84	80.934	10	11	22	40	20	Ground Specification	275
K25B41	87	82.953	11	12	30	50	20		370
K25B42	89	84.972	11	12	30	50	20		380
K25B43	91	86.992	11	12	30	50	20		385
K25B44	93	89.011	11	12	30	50	20		390
K25B45	95	91.031	11	12	30	50	20		390
K25B48	101	97.090	11	12	30	50	20		420
K25B50	105	101.130	11	12	30	50	20		430
K25B54	113	109.210	11	12	30	50	20		460
K25B60	125	121.331	11	12	30	50	20		510
K25B65	135	131.434	12	13	30	50	30		700
K25B70	145	141.536	12	13	30	50	30		740
K25B75	155	151.639	12	13	30	50	30		780
K25B80	165	161.743	12	13	30	50	30		850

KANA

SUS25B

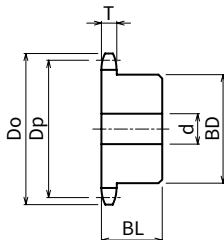
● Order No. Example

SUS25B 20

TYPE

No. of Teeth

- Chain No.25
- Chain Pitch (P) 6.35 mm
- Bushing Link Inner Width (W) 3.18 mm
- Bushing Outside Diameter (Dr) 3.30 mm
- Tooth Width (T) 2.9 (Max.) mm



m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS25B10	23	20.549	6	7	8	13	14	Ground Specification	0.02
SUS25B11	25	22.539	7	8	8	15	14		0.03
SUS25B12	28	24.535	7	8	10	17	14		0.03
SUS25B13	30	26.534	7	8	10	18	14		0.04
SUS25B14	32	28.537	7	8	10	19	14		0.04
SUS25B15	34	30.542	7	8	10	20	14		0.04
SUS25B16	36	32.549	9	10	11	21	16		0.05
SUS25B17	38	34.558	9	10	11	23	16		0.06
SUS25B18	40	36.568	9	10	12	25	16		0.07
SUS25B19	42	38.580	9	10	14	26	16		0.08
SUS25B20	44	40.592	9	10	16	28	16		0.09
SUS25B21	46	42.605	9	10	16	30	18		0.11
SUS25B22	48	44.619	9	10	16	30	18		0.12
SUS25B23	50	46.634	9	10	16	30	18		0.12
SUS25B24	52	48.649	9	10	16	30	18		0.12
SUS25B25	54	50.665	9	10	16	30	18		0.12
SUS25B26	56	52.681	9	10	16	30	18		0.13
SUS25B27	58	54.698	9	10	16	30	18		0.13
SUS25B28	60	56.714	9	10	16	30	18		0.14
SUS25B30	64	60.749	9	10	16	30	18		0.15
SUS25B32	68	64.785	10	11	16	30	18		0.15
SUS25B34	72	68.821	10	11	22	40	20		0.25
SUS25B35	74	70.839	10	11	22	40	20		0.25
SUS25B36	76	72.858	10	11	22	40	20		0.26
SUS25B38	80	76.896	10	11	22	40	20		0.27
SUS25B40	84	80.934	10	11	22	40	20		0.28

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

FBN35B

● Order No. Example

FBN35B16D10

TYPE No. of Teeth ϕD^{H7}

K4

Keyway

- Chain **No.35**
- Chain Pitch (P) **9.525 mm**
- Bushing Link Inner Width (W) **4.78 mm**
- Bushing Outside Diameter (Dr) **5.08 mm**
- Tooth Width (T) **4.4 (Max.) mm**

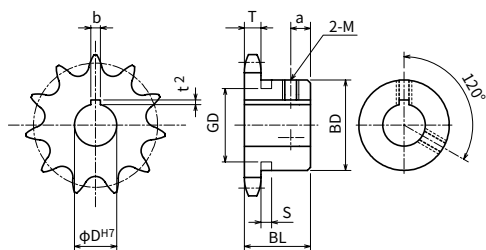


TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBN 35B	9	32	27.849	★21.5	20	6	0.06	10 10	
	10	35	30.824	★24.5	20	6	0.08	10 10 12	
	11	38	33.809	★27	20	6	0.09	10 10 12 14 15	Note 1
	12	41	36.802	★30.5	20	6	0.12	10 10 12 14 15 16 17	Note 1
	13	44	39.801	★32	20	6	0.13	10 10 12 14 15 16 17 18	
	14	47	42.805	32	20	6	0.14	10 10 12 14 15 16 17 18 19	Note 1
	15	51	45.813	35	20	6	0.17	10 10 12 14 15 16 17 18 19 20	Note 1
	16	54	48.824	37	20	6	0.20	10 10 12 14 15 16 17 18 19 20	
	17	57	51.837	41	20	6	0.22	12 14 15 16 17 18 19 20	
	18	60	54.852	44	20	6	0.26	12 14 15 16 17 18 19 20	
	19	63	57.869	47	20	6	0.29	12 14 15 16 17 18 19 20	
	20	66	60.888	50	20	6	0.33	12 14 15 16 17 18 19 20	
	21	69	63.908	53	20	6	0.37	12 14 15 16 17 18 19 20	
	22	72	66.929	56	20	6	0.41	12 14 15 16 17 18 19 20	
	23	75	69.951	60	20	6	0.47	12 14 15 16 17 18 19 20	
	24	78	72.974	53	22	8	0.43	12 14 15 16 17 18 19 20	
	25	81	75.997	53	22	8	0.45	15 16 17 18 19 20	
	26	84	79.022	53	22	8	0.45	15 16 17 18 19 20	
	27	87	82.046	53	22	8	0.47	15 16 17 18 19 20	
	28	90	85.072	53	22	8	0.48	15 16 17 18 19 20	
FBN 35B	30	96	91.124	53	22	8	0.51	15 16 17 18 19 20 22 24 28 30 32	
	32	102	97.177	53	22	8	0.54	15 16 17 18 19 20	
	34	109	103.231	53	22	8	0.57	15 16 17 18 19 20	
	35	112	106.259	53	22	8	0.59	15 16 17 18 19 20	
	36	115	109.287	53	22	8	0.60	15 16 17 18 19 20	
	38	121	115.344	63	25	10	0.84	20 22 24 25	
	40	127	121.401	63	25	10	0.87	20 22 24 25	

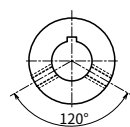
* If you order a special shaft diameter specification, please append K4 after the hole diameter.

Example: FBN35B16D10K4

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



m Carbon Structural Steel
h High-frequency Hardened Teeth



ΦDH7 set screws with a are set in places other than the keyway (left diagram).

Shaft Hole Machined Specification

ΦDH7	Keyway b × t ²	Set Screw M
10	3 × 1.4	4
12	4 × 1.8	5
14~17	5 × 2.3	6
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8

Special Shaft Hole Machined Specification Parts

ΦDH7	Keyway b × t ²	Set Screw M
10	4 × 1.8	4

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦDH7	Set Screw M
17	24	6
	25	6

No. of Teeth	S	GD
9		17
10		20
11	4.4	23
12		26
13		29

Sprockets with a ★ symbol for BD have a channel in the boss exterior.



ΦDH7	No. of Teeth
	9
	10
	11
	12
	13
	14
	15
	16
	17
	18
	19
	20
	21
	22
	23
	24
	25
	26
	27
	28
	30
	32
	34
	35
	36
	38
	40

Note 1 Note 1 Note 1

22 24 25

22 24 25

22 24 25

22 24 25 28

22 24 25 28 30

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

KANA**FBN35B Surface Treatment**

● Order No. Example

FBN35B16D10

TYPE

No. of Teeth

 ϕD^{H7} **K4**

Keyway

**BK
UC
CM**

Surface Treatment Type

Surface Treatment

**BK**

= Black Oxide Coating (Ferrosoferric Oxide Coating)

**UC**

= Trivalent UniChrome Plating (White)

**CM**

= Trivalent Chromate Plating (Yellow)



BK Type



UC Type



CM Type

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}											
FBN 35B	9	32	27.849	★21.5	20	6	0.06	10	10										
	10	35	30.824	★24.5	20	6	0.08	10	10	12									
	11	38	33.809	★27	20	6	0.09	10	10	12	14	15	16	17	18				
	12	41	36.802	★30.5	20	6	0.12	10	10	12	14	15	16	17	18				
	13	44	39.801	★32	20	6	0.13	10	10	12	14	15	16	17	18				
	14	47	42.805	32	20	6	0.14	10	10	12	14	15	16	17	18	19	20		
	15	51	45.813	35	20	6	0.17	10	10	12	14	15	16	17	18	19	20		
	16	54	48.824	37	20	6	0.20	10	10	12	14	15	16	17	18	19	20		
	17	57	51.837	41	20	6	0.22	12	14	15	16	17	18	19	20				
	18	60	54.852	44	20	6	0.26	12	14	15	16	17	18	19	20				
	19	63	57.869	47	20	6	0.29	12	14	15	16	17	18	19	20				
	20	66	60.888	50	20	6	0.33	12	14	15	16	17	18	19	20				
	21	69	63.908	53	20	6	0.37	12	14	15	16	17	18	19	20				
	22	72	66.929	56	20	6	0.41	12	14	15	16	17	18	19	20				
	23	75	69.951	60	20	6	0.47	12	14	15	16	17	18	19	20				
	24	78	72.974	53	22	8	0.43	12	14	15	16	17	18	19	20				
	25	81	75.997	53	22	8	0.45	15	16	17	18	19	20						
	26	84	79.022	53	22	8	0.45	15	16	17	18	19	20						
	27	87	82.046	53	22	8	0.47	15	16	17	18	19	20						
	28	90	85.072	53	22	8	0.48	15	16	17	18	19	20						
FBN 35B	30	96	91.124	53	22	8	0.51	15	16	17	18	19	20	22	24	28	30	32	
	32	102	97.177	53	22	8	0.54	15	16	17	18	19	20						
	34	109	103.231	53	22	8	0.57	15	16	17	18	19	20						
	35	112	106.259	53	22	8	0.59	15	16	17	18	19	20						
	36	115	109.287	53	22	8	0.60	15	16	17	18	19	20						
	38	121	115.344	63	25	10	0.84	20	22	24	25								
	40	127	121.401	63	25	10	0.87	20	22	24	25								

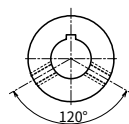
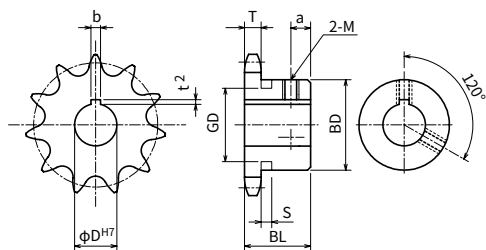
* If you order a special shaft diameter specification, please append K4 after the hole diameter.

Example: FBN35B16D10K4

* Surface treatment is carried out with the set screws as attached.

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

- Chain **No.35**
- Chain Pitch **(P) 9.525 mm**
- Bushing Link Inner Width **(W) 4.78 mm**
- Bushing Outside Diameter **(Dr) 5.08 mm**
- Tooth Width **(T) 4.4 (Max.) mm**



ΦDH7 set screws with a □ symbol are set in places other than the keyway (left diagram).

- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

Shaft Hole Machined Specification

ΦDH7	Keyway b × t ²	Set Screw M
10	3 × 1.4	4
12	4 × 1.8	5
14~17	5 × 2.3	6
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8

Special Shaft Hole Machined Specification Parts

ΦDH7	Keyway b × t ²	Set Screw M
10	4 × 1.8	4

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦDH7	Set Screw M
17	24	6
	25	6

No. of Teeth	S	GD
9		17
10		20
11	4.4	23
12		26
13		29

Sprockets with a ★ symbol for BD have a channel in the boss exterior.



	ΦDH7	No. of Teeth
		9
		10
		11
		12
		13
		14
		15
		16
		17
		18
		19
		20
		21
		22
		23
		24
		25
		26
		27
		28
		30
		32
		34
		35
		36
		38
		40

Note 1 24 Note 1 25 Note 1

22 24 25

22 24 25

22 24 25 28

22 24 25 28 30

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

22 24 25 28 30 32

KANA

FBK35B

● Order No. Example
FBK35B20D25

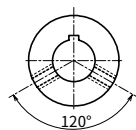
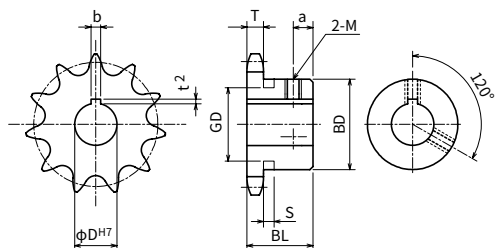
TYPE No. of Teeth ϕD^{H7}

■ Chain **No.35**
 ■ Chain Pitch (P) **9.525 mm**
 ■ Bushing Link Inner Width (W) **4.78 mm**
 ■ Bushing Outside Diameter (Dr) **5.08 mm**
 ■ Tooth Width (T) **4.4 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
FBK 35B	10	35	30.824	★24.5	20	6	0.08	
	11	38	33.809	★27	20	6	0.09	
	12	41	36.802	★30.5	20	6	0.12	
	13	44	39.801	★32	20	6	0.13	
	14	47	42.805	32	20	6	0.14	
	15	51	45.813	35	20	6	0.17	
	16	54	48.824	37	20	6	0.20	
	17	57	51.837	41	20	6	0.22	
	18	60	54.852	44	20	6	0.26	
	19	63	57.869	47	20	6	0.29	
	20	66	60.888	50	20	6	0.33	
	21	69	63.908	53	20	6	0.37	
	22	72	66.929	56	20	6	0.41	
	23	75	69.951	60	20	6	0.47	
	24	78	72.974	53	22	8	0.43	
	25	81	75.997	53	22	8	0.45	
	26	84	79.022	53	22	8	0.45	
	30	96	91.124	53	22	8	0.51	
	32	102	97.177	53	22	8	0.54	
	35	112	106.259	53	22	8	0.59	
	36	115	109.287	53	22	8	0.60	
	40	127	121.401	63	25	10	0.87	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



ΦD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ΦD ^{H7}	Keyway b × t ²	Set Screw M
10~12	4 × 1.5	5
14~20	5 × 2.0	6
22~30	7 × 3.0	8

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD ^{H7}	Set Screw M
16	22	6
17	25	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
10	4.4	20
11		23
12		26
13		29



ΦD ^{H7}	No. of Teeth
10 12	10
10 14	11
10 12 14 15 17 ^{Note 1}	12
10 12 15 17	13
12 14 15 17 ^{Note 1} 20	14
12 14 15 16 17 18 19 20	15
12 14 15 17 18 20 22 ^{Note 1} 25 ^{Note 1}	16
12 15 17 20 22 25	17
12 14 15 20 25	18
15 20 25	19
12 15 16 17 18 20 22 25 28 30	20
12 14 15 20 25	21
15 20 22 25	22
15 20	23
12 15 17 20 25 30	24
17 20	25
20 22 25	26
20 25	30
17	32
20 25	35
20	36
20 25	40

KANA**FBK35B Surface Treatment****● Order No. Example****FBK35B20D25**

TYPE

No. of Teeth ϕD^{H7} **BK**
UC
CM

Surface Treatment Type

Surface Treatment

**BK** = Black Oxide Coating (Ferrosoferric Oxide Coating)**UC** = Trivalent UniChrome Plating (White)**CM** = Trivalent Chromate Plating (Yellow)

BK Type



UC Type

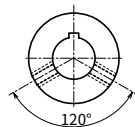
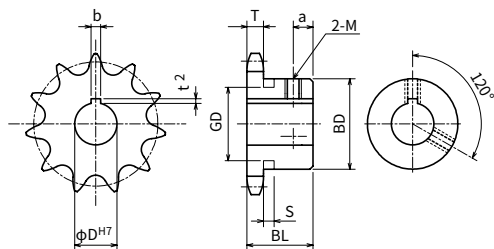


CM Type

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
FBK 35B	10	35	30.824	★24.5	20	6	0.08	
	11	38	33.809	★27	20	6	0.09	
	12	41	36.802	★30.5	20	6	0.12	
	13	44	39.801	★32	20	6	0.13	
	14	47	42.805	32	20	6	0.14	
	15	51	45.813	35	20	6	0.17	
	16	54	48.824	37	20	6	0.20	
	17	57	51.837	41	20	6	0.22	
	18	60	54.852	44	20	6	0.26	
	19	63	57.869	47	20	6	0.29	
	20	66	60.888	50	20	6	0.33	
	21	69	63.908	53	20	6	0.37	
	22	72	66.929	56	20	6	0.41	
	23	75	69.951	60	20	6	0.47	
	24	78	72.974	53	22	8	0.43	
	25	81	75.997	53	22	8	0.45	
	26	84	79.022	53	22	8	0.45	
	30	96	91.124	53	22	8	0.51	
	32	102	97.177	53	22	8	0.54	
	35	112	106.259	53	22	8	0.59	
	36	115	109.287	53	22	8	0.60	
	40	127	121.401	63	25	10	0.87	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

- Chain **No.35**
- Chain Pitch **(P) 9.525 mm**
- Bushing Link Inner Width **(W) 4.78 mm**
- Bushing Outside Diameter **(Dr) 5.08 mm**
- Tooth Width **(T) 4.4 (Max.) mm**



ΦD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ΦD ^{H7}	Keyway b × t ²	Set Screw M
10~12	4 × 1.5	5
14~20	5 × 2.0	6
22~30	7 × 3.0	8

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD ^{H7}	Set Screw M
16	22	6
17	25	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
10	4.4	20
11		23
12		26
13		29



ΦD ^{H7}	No. of Teeth
10 12	10
10 14	11
10 12 14 15 17 ^{Note 1}	12
10 12 15 17	13
12 14 15 17 ^{Note 1} 20	14
12 14 15 16 17 18 19 20	15
12 14 15 17 18 20 22 ^{Note 1} 25 ^{Note 1}	16
12 15 17 20 22 25	17
12 14 15 20 25	18
15 20 25	19
12 15 16 17 18 20 22 25 28 30	20
12 14 15 20 25	21
15 20 22 25	22
15 20	23
12 15 17 20 25 30	24
17 20	25
20 22 25	26
20 25	30
17	32
20 25	35
20	36
20 25	40

KANA

SUSFBN35B

● Order No. Example

SUSFBN35B 16 D10

TYPE

No. of Teeth

 ϕD^{H7} **K4**

Keyway

- Chain **No.35**
- Chain Pitch **(P) 9.525 mm**
- Bushing Link Inner Width **(W) 4.78 mm**
- Bushing Outside Diameter **(Dr) 5.08 mm**
- Tooth Width **(T) 4.4 (Max.) mm**



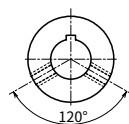
TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
SUS FBN 35B	9	32	27.849	★21.5	20	6	0.06	
	10	35	30.824	★24.5	20	6	0.08	
	11	38	33.809	★27	20	6	0.09	
	12	41	36.802	★30.5	20	6	0.12	
	13	44	39.801	★32	20	6	0.13	
	14	47	42.805	32	20	6	0.14	
	15	51	45.813	35	20	6	0.17	
	16	54	48.824	37	20	6	0.20	
	17	57	51.837	41	20	6	0.22	
	18	60	54.852	44	20	6	0.26	
	19	63	57.869	47	20	6	0.30	
	20	66	60.888	50	20	6	0.33	
	21	69	63.908	53	20	6	0.37	
	22	72	66.929	56	20	6	0.41	
	23	75	69.951	60	20	6	0.47	
	24	78	72.974	53	22	8	0.44	
	25	81	75.997	53	22	8	0.45	
	26	84	79.022	53	22	8	0.47	
	27	87	82.046	53	22	8	0.50	
	28	90	85.072	53	22	8	0.50	
	30	96	91.124	53	22	8	0.52	
	32	102	97.177	53	22	8	0.54	
	34	109	103.231	53	22	8	0.57	
	35	112	106.259	53	22	8	0.59	
	36	115	109.287	53	22	8	0.61	
	38	121	115.344	63	25	10	0.86	
	40	127	121.401	63	25	10	0.88	

* If you order a special shaft diameter specification, please append K4 after the hole diameter.

Example: SUSFBN35B12D10K4

* Products with long screw holes may be counterbored.

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



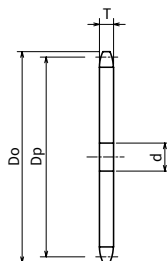
KANA

35A

● Order No. Example

35A 20

TYPE No. of Teeth



- Chain **No.35**
- Chain Pitch **(P) 9.525 mm**
- Bushing Link Inner Width **(W) 4.78 mm**
- Bushing Outside Diameter ... **(Dr) 5.08 mm**
- Tooth Width **(T) 4.4 (Max.) mm**

m Common Steel

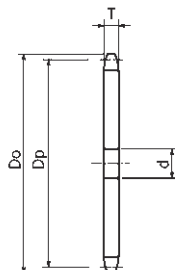
Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
35A10	35	30.824	8	9	0.03
35A11	38	33.809	8	9	0.03
35A12	41	36.802	9	10	0.04
35A13	44	39.801	9	10	0.04
35A14	47	42.805	9	10	0.05
35A15	51	45.813	9	10	0.06
35A16	54	48.824	9	10	0.06
35A17	57	51.837	11	12	0.07
35A18	60	54.852	11	12	0.08
35A19	63	57.869	11	12	0.09
35A20	66	60.888	11	12	0.10
35A21	69	63.908	11	12	0.11
35A22	72	66.929	11	12	0.11
35A23	75	69.951	11	12	0.13
35A24	78	72.974	11	12	0.14
35A25	81	75.997	11	12	0.15
35A26	84	79.022	11	12	0.16
35A27	87	82.046	11	12	0.17
35A28	90	85.072	11	12	0.18
35A30	96	91.124	11	12	0.23
35A32	102	97.177	11	12	0.27
35A33	105	100.204	11	12	0.28
35A34	109	103.231	11	12	0.29
35A35	112	106.259	11	12	0.30
35A36	115	109.287	12	13	0.32
35A38	121	115.344	12	13	0.34
35A40	127	121.401	12	13	0.38
35A42	133	127.459	14	15	0.43
35A45	142	136.546	14	15	0.49
35A46	145	139.576	14	15	0.51
35A48	151	145.635	14	15	0.55
35A50	157	151.695	14	15	0.60
35A54	169	163.815	14	15	0.70
35A55	172	166.845	14	15	0.70
35A60	187	181.997	14	15	0.90
35A65	203	197.150	16	17	1.10
35A70	218	212.304	16	17	1.18
35A80	248	242.614	16	17	1.60

● Order No. Example

HG35 A 21H

TYPE No. of Teeth

- ChainNo.35
- Chain Pitch(P) 9.525 mm
- Bushing Link Inner Width(W) 4.78 mm
- Bushing Outside Diameter(Dr) 5.08 mm
- Tooth Width(T) 4.4 (Max.) mm



- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

Product Model Number	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
				Pilot hole	Minimum	
HG35A10H	10	35	30.824	8	9	0.03
HG35A11H	11	38	33.809	8	9	0.03
HG35A12H	12	41	36.802	9	10	0.04
HG35A13H	13	44	39.801	9	10	0.04
HG35A14H	14	47	42.805	9	10	0.05
HG35A15H	15	51	45.813	9	10	0.06
HG35A16H	16	54	48.824	9	10	0.06
HG35A17H	17	57	51.837	11	12	0.07
HG35A18H	18	60	54.852	11	12	0.08
HG35A19H	19	63	57.869	11	12	0.09
HG35A20H	20	66	60.888	11	12	0.10
HG35A21H	21	69	63.908	11	12	0.11
HG35A22H	22	72	66.929	11	12	0.11
HG35A23H	23	75	69.951	11	12	0.13
HG35A24H	24	78	72.974	11	12	0.14
HG35A25H	25	81	75.997	11	12	0.15
HG35A26H	26	84	79.022	11	12	0.16
HG35A27H	27	87	82.046	11	12	0.17
HG35A28H	28	90	85.072	11	12	0.18
HG35A29H	29	93	88.097	11	12	0.20
HG35A30H	30	96	91.124	11	12	0.23
HG35A32H	32	102	97.177	11	12	0.27
HG35A34H	34	109	103.231	11	12	0.29
HG35A35H	35	112	106.259	11	12	0.30
HG35A36H	36	115	109.287	12	13	0.32
HG35A38H	38	121	115.344	12	13	0.34
HG35A40H	40	127	121.401	12	13	0.38

KANA

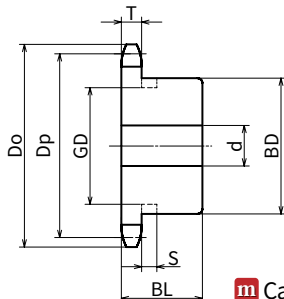
NK35B

● Order No. Example
NK35B 20

TYPE No. of Teeth



- Chain No.35
- Chain Pitch (P) 9.525 mm
- Bushing Link Inner Width (W) 4.78 mm
- Bushing Outside Diameter (Dr) 5.08 mm
- Tooth Width (T) 4.4 (Max.) mm



m Carbon Structural Steel

h High-frequency Hardened Teeth

* parts have common specifications with K35B on P.44.

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
NK35B8	29	24.890	8	9	10	★18.5	20		0.04
NK35B9	32	27.849	8	9	11	★21.5	20		0.06
NK35B10	35	30.824	8	9	12	★24.5	20		0.08
NK35B11	38	33.809	8	9	14	★27	20		0.09
NK35B12	41	36.802	9	10	16	★30.5	20		0.12
NK35B13	44	39.801	9	10	18	★32	20		0.13
NK35B14	47	42.805	9	10	18	32	20		0.14
NK35B15	51	45.813	9	10	20	35	20		0.17
NK35B16	54	48.824	9	10	20	37	20		0.20
NK35B17	57	51.837	11	12	25	41	20		0.22
NK35B18	60	54.852	11	12	25	44	20	Ground Specification	0.26
NK35B19	63	57.869	11	12	28	47	20		0.29
NK35B20	66	60.888	11	12	30	50	20		0.33
NK35B21	69	63.908	11	12	32	53	20		0.37
NK35B22	72	66.929	11	12	35	56	20		0.41
NK35B23	75	69.951	11	12	38	60	20		0.47
NK35B24	78	72.974	11	12	32	53	22		0.43
NK35B25	81	75.997	11	12	32	53	22		0.45
NK35B26	84	79.022	11	12	32	53	22		0.45
NK35B27	87	82.046	11	12	32	53	22		0.47
NK35B28	90	85.072	11	12	32	53	22		0.48
NK35B29	93	88.097	11	12	32	53	22		0.49
NK35B30	96	91.124	11	12	32	53	22		0.51
NK35B31	99	94.150	11	12	32	53	22		0.53
NK35B32	102	97.177	11	12	32	53	22		0.54
NK35B33	105	100.204	11	12	32	53	22		0.56
NK35B34	109	103.231	11	12	32	53	22		0.57
NK35B35	112	106.259	11	12	32	53	22		0.59
NK35B36	115	109.287	12	13	32	53	22		0.60
NK35B37	118	112.315	12	13	42	63	25		0.81
NK35B38	121	115.344	12	13	42	63	25		0.84
NK35B39	124	118.372	12	13	42	63	25		0.86
NK35B40	127	121.401	12	13	42	63	25		0.87

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
NK35B41	130	124.430	14	15	42	63	25	Ground Specification	0.91
NK35B42	133	127.459	14	15	42	63	25		0.93
NK35B43	136	130.488	14	15	42	63	25		0.95
NK35B44	139	133.517	14	15	42	63	25		0.97
NK35B45	142	136.546	14	15	42	63	25		1.00
NK35B46	145	139.576	14	15	42	63	25		1.01
NK35B47	148	142.606	14	15	42	63	25		1.03
NK35B48	151	145.635	14	15	42	63	25		1.05
NK35B50	157	151.695	14	15	42	63	25		1.10
NK35B53	166	160.785	14	15	42	63	25		1.14
NK35B54	169	163.815	14	15	42	63	25		1.20
NK35B55	172	166.845	14	15	42	63	25		1.25
NK35B60	187	181.997	14	15	42	63	25		1.40
NK35B64	200	194.120	16	17	42	63	25		1.50
NK35B65	203	197.150	16	17	45	68	25		1.60
NK35B70	218	212.304	16	17	45	68	25		1.80
NK35B75	233	227.459	16	17	45	68	25		1.90
NK35B80	248	242.614	16	17	45	68	25		2.20



Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
8	4.4	14
9		17
10		20
11		23
12		26
13		29

KANA

K35B

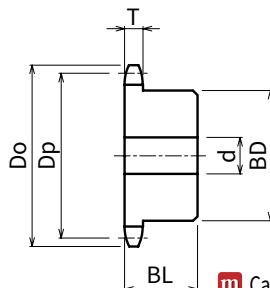
● Order No. Example

K35B 25

TYPE No. of Teeth



- Chain **No.35**
- Chain Pitch **(P) 9.525 mm**
- Bushing Link Inner Width **(W) 4.78 mm**
- Bushing Outside Diameter **(Dr) 5.08 mm**
- Tooth Width **(T) 4.4 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

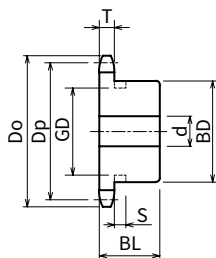
Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
K35B10	35	30.824	8	9	10	20	20	Ground Specification	0.06
K35B11	38	33.809	8	9	10	20	20		0.08
K35B12	41	36.802	9	10	14	27	20		0.10
K35B13	44	39.801	9	10	14	27	20		0.11
K35B14	The dimensions for K35B14 to 23 are relocated, as they are equivalent to those of NK35B14 to 23. Please see NK35B page about this product.								
K35B15									
K35B16									
K35B17									
K35B18									
K35B19									
K35B20									
K35B21									
K35B22	The dimensions for K35B14 to 23 are relocated, as they are equivalent to those of NK35B14 to 23. Please see NK35B page about this product.								
K35B23									
K35B24									
K35B25									
K35B26									
K35B28									
K35B30									
K35B33									
K35B37	Ground Specification								
K35B38									
K35B39									
K35B40									

● Order No. Example

SUS35B 20

TYPE No. of Teeth

- Chain No.35
- Chain Pitch (P) 9.525 mm
- Bushing Link Inner Width (W) 4.78 mm
- Bushing Outside Diameter (Dr) 5.08 mm
- Tooth Width (T) 4.4 (Max.) mm



Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9	4.4	17
10		20
11		23
12		26
13		29

m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS35B9	32	27.849	8	9	11	★21.5	20	Ground Specification	0.06
SUS35B10	35	30.824	8	9	12	★24.5	20		0.08
SUS35B11	38	33.809	8	9	14	★27	20		0.09
SUS35B12	41	36.802	9	10	16	★30.5	20		0.12
SUS35B13	44	39.801	9	10	18	★32	20		0.13
SUS35B14	47	42.805	9	10	18	32	20		0.14
SUS35B15	51	45.813	9	10	20	35	20		0.17
SUS35B16	54	48.824	9	10	20	37	20		0.20
SUS35B17	57	51.837	11	12	25	41	20		0.22
SUS35B18	60	54.852	11	12	25	44	20		0.26
SUS35B19	63	57.869	11	12	28	47	20		0.30
SUS35B20	66	60.888	11	12	30	50	20		0.33
SUS35B21	69	63.908	11	12	32	53	20		0.37
SUS35B22	72	66.929	11	12	35	56	20		0.41
SUS35B23	75	69.951	11	12	38	60	20		0.47
SUS35B24	78	72.974	11	12	32	53	22		0.44
SUS35B25	81	75.997	11	12	32	53	22		0.45
SUS35B26	84	79.022	11	12	32	53	22		0.47
SUS35B27	87	82.046	11	12	32	53	22		0.50
SUS35B28	90	85.072	11	12	32	53	22		0.50
SUS35B30	96	91.124	11	12	32	53	22		0.52
SUS35B32	102	97.177	11	12	32	53	22		0.54
SUS35B34	109	103.231	11	12	32	53	22		0.57
SUS35B35	112	106.259	11	12	32	53	22		0.59
SUS35B36	115	109.287	12	13	32	53	22		0.61
SUS35B38	121	115.344	12	13	42	63	25		0.86
SUS35B40	127	121.401	12	13	42	63	25		0.88
SUS35B42	133	127.459	14	15	42	63	25		0.97
SUS35B45	142	136.546	14	15	42	63	25		1.00

KANA

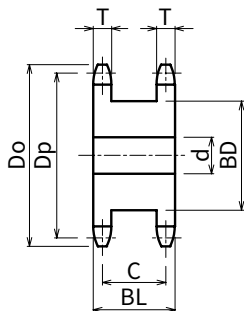
35SD

● Order No. Example

35SD 20

TYPE No. of Teeth

- Chain **No.35**
- Chain Pitch **(P) 9.525 mm**
- Bushing Link Inner Width **(W) 4.78 mm**
- Bushing Outside Diameter **(Dr) 5.08 mm**
- Tooth Width **(T) 4.4 (Max.) mm (C) 15.6 (Min.) mm**



- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
			Pilot hole	Minimum	Maximum			
35SD12	41	36.802	10	11	15	24	20	0.10
35SD13	44	39.801	10	11	16	28	20	0.13
35SD14	47	42.805	10	11	16	30	20	0.15
35SD15	51	45.813	10	11	20	35	20	0.19
35SD16	54	48.824	10	11	20	37	20	0.22
35SD17	57	51.837	10	11	25	41	20	0.25
35SD18	60	54.852	10	11	25	44	20	0.28
35SD19	63	57.869	10	11	28	47	20	0.32
35SD20	66	60.888	12	13	30	50	20	0.36
35SD21	69	63.908	12	13	32	53	20	0.40
35SD22	72	66.929	12	13	35	56	20	0.45
35SD23	75	69.951	15	16	38	59	20	0.49
35SD24	78	72.974	15	16	40	62	20	0.54
35SD25	81	75.997	15	16	42	65	20	0.60
35SD26	84	79.022	15	16	45	68	20	0.60
35SD27	87	82.046	15	16	48	71	20	0.70
35SD28	90	85.072	15	16	50	74	20	0.75
35SD30	96	91.124	15	16	52	80	20	0.87

KANA

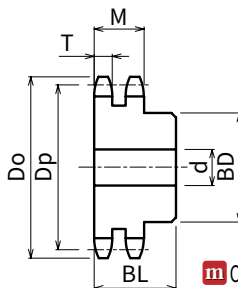
NK35-2B

● Order No. Example
NK35-2B 20

TYPE No. of Teeth



- Chain No.35-2
- Chain Pitch (P) 9.525 mm
- Bushing Link Inner Width (W) 4.78 mm
- Bushing Outside Diameter (Dr) 5.08 mm
- Tooth Width (T) 4.3 (Max.) mm
- Total Tooth Width (M) 14.4 (Max.) mm



m Carbon Structural Steel

h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
NK35-2B10	35	30.824	10	11	12	20	30	Ground Specification	0.10
NK35-2B11	38	33.809	10	11	12	23	30		0.11
NK35-2B12	41	36.802	10	11	14	26	30		0.15
NK35-2B13	44	39.801	10	11	14	27	30		0.17
NK35-2B14	47	42.805	10	11	18	32	30		0.21
NK35-2B15	51	45.813	10	11	20	35	30		0.26
NK35-2B16	54	48.824	10	11	20	38	30		0.30
NK35-2B17	57	51.837	10	11	22	41	30		0.35
NK35-2B18	60	54.852	10	11	25	44	35		0.45
NK35-2B19	63	57.869	10	11	28	47	35		0.51
NK35-2B20	66	60.888	12	13	30	50	40		0.70
NK35-2B21	69	63.908	12	13	30	50	40		0.70
NK35-2B22	72	66.929	12	13	32	55	40		0.80
NK35-2B23	75	69.951	12	13	32	55	40		0.80
NK35-2B24	78	72.974	15	16	38	60	40		1.00
NK35-2B25	81	75.997	15	16	38	60	40		1.00
NK35-2B26	84	79.022	15	16	42	65	45		1.20
NK35-2B27	87	82.046	15	16	42	65	45		1.30
NK35-2B28	90	85.072	15	16	42	65	45		1.30
NK35-2B30	96	91.124	15	16	42	65	45		1.40
NK35-2B32	102	97.177	15	16	42	65	45		1.50
NK35-2B34	109	103.231	15	16	42	65	45		1.60
NK35-2B35	112	106.259	15	16	42	65	45		1.70
NK35-2B36	115	109.287	15	16	42	65	45		1.70
NK35-2B38	121	115.344	15	16	42	65	45		1.80
NK35-2B40	127	121.401	15	16	42	65	45		1.90
NK35-2B42	133	127.459	15	16	42	65	45		2.10
NK35-2B45	142	136.546	19	20	55	83	45		2.70
NK35-2B48	151	145.635	19	20	55	83	45		3.00
NK35-2B50	157	151.695	19	20	55	83	45		3.10
NK35-2B60	187	181.997	19	20	63	93	50		4.60

KANA

410A

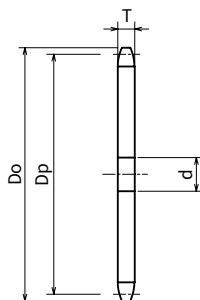
● Order No. Example

410A 20

TYPE No. of Teeth



- Chain **No.410**
- Chain Pitch **(P) 12.70 mm**
- Bushing Link Inner Width ... **(W) 3.40 mm**
- Roller Outside Diameter ... **(Dr) 7.75 mm**
- Tooth Width **(T) 2.8 mm**



m Common Steel

Product Model Number	Outer Diameter D _o	Pitch Diameter D _p	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
410A8	39	33.187	8	9	0.02
410A9	43	37.132	8	9	0.03
410A10	47	41.098	9	10	0.03
410A11	51	45.078	10	11	0.04
410A12	55	49.069	10	11	0.04
410A13	59	53.068	12	13	0.05
410A14	63	57.073	12	13	0.05
410A15	67	61.084	12	13	0.06
410A16	71	65.098	13	14	0.07
410A17	76	69.116	13	14	0.08
410A18	80	73.136	13	14	0.08
410A19	84	77.159	13	14	0.10
410A20	88	81.184	14	15	0.11
410A21	92	85.211	14	15	0.12
410A22	96	89.239	14	15	0.13
410A23	100	93.268	14	15	0.14
410A24	104	97.298	14	15	0.15
410A25	108	101.330	14	15	0.17
410A26	112	105.362	14	15	0.18
410A27	116	109.395	14	15	0.19
410A28	120	113.429	14	15	0.21
410A29	124	117.463	14	15	0.22
410A30	128	121.498	14	15	0.24
410A31	133	125.533	14	15	0.25
410A32	137	129.569	14	15	0.27
410A33	141	133.605	14	15	0.28
410A34	145	137.642	14	15	0.30
410A35	149	141.679	14	15	0.32
410A36	153	145.716	16	17	0.33
410A37	157	149.754	16	17	0.36

 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
410A38	161	153.791	16	17	0.37
410A39	165	157.830	16	17	0.41
410A40	169	161.868	16	17	0.43
410A41	173	165.906	16	17	0.46
410A42	177	169.945	16	17	0.47
410A44	185	178.023	16	17	0.52
410A45	189	182.062	16	17	0.54
410A46	193	186.101	16	17	0.55
410A47	197	190.141	16	17	0.60
410A48	201	194.180	16	17	0.70
410A49	205	198.220	16	17	0.70
410A50	209	202.260	16	17	0.70
410A52	218	210.340	16	17	0.72
410A54	226	218.420	16	17	0.80
410A60	250	242.663	16	17	0.94

KANA

K410B

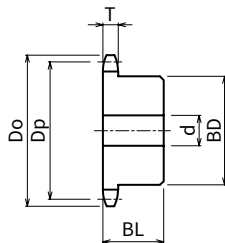
● Order No. Example

K410B 20

TYPE

No. of Teeth

- Chain **No.410**
- Chain Pitch (P) **12.70 mm**
- Bushing Link Inner Width ... (W) **3.40 mm**
- Roller Outside Diameter ... (Dr) **7.75 mm**
- Tooth Width (T) **2.8 mm**



m Carbon Structural Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
K410B10	47	41.098	9	10	16	28	20	Ground Specification	0.14
K410B11	51	45.078	10	11	16	30	20		0.19
K410B12	55	49.069	10	11	18	34	20		0.20
K410B13	59	53.068	12	13	20	38	20		0.20
K410B14	63	57.073	12	13	25	42	20		0.28
K410B15	67	61.084	12	13	28	46	20		0.30
K410B16	71	65.098	13	14	30	50	20		0.40
K410B17	76	69.116	13	14	32	54	22		0.40
K410B18	80	73.136	13	14	35	57	22		0.50
K410B19	84	77.159	13	14	40	62	22		0.59
K410B20	88	81.184	14	15	45	67	25		0.70
K410B21	92	85.211	14	15	48	71	25		0.80
K410B22	96	89.239	14	15	51	75	25		0.90
K410B23	100	93.268	14	15	51	77	25		1.00
K410B24	104	97.298	14	15	42	63	25		0.70
K410B25	108	101.330	14	15	42	63	25		0.70
K410B26	112	105.362	14	15	42	63	25		0.70
K410B27	116	109.395	14	15	42	63	25		0.80
K410B28	120	113.429	14	15	42	63	25		0.80
K410B29	124	117.463	14	15	42	63	25		0.80
K410B30	128	121.498	14	15	42	63	25		0.80
K410B32	137	129.569	14	15	45	68	28		1.00
K410B34	145	137.642	14	15	45	68	28		1.10
K410B35	149	141.679	14	15	45	68	28		1.10
K410B36	153	145.716	16	17	45	68	28		1.10
K410B40	169	161.868	16	17	45	68	28		1.10

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

FBN40B

● Order No. Example

FBN40B12D10

TYPE No. of Teeth ϕD^{H7} **K4**

Keyway

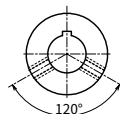
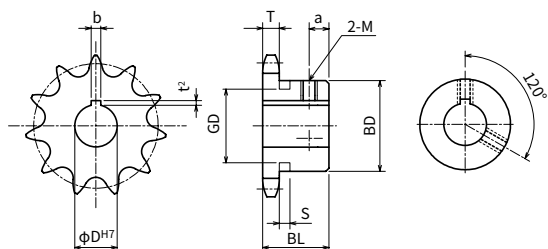
- Chain **No.40**
- Chain Pitch (P) **12.70 mm**
- Bushing Link Inner Width ... (W) **7.95 mm**
- Roller Outside Diameter ... (Dr) **7.92 mm**
- Tooth Width (T) **7.3 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
FBN 40B	9	43	37.132	★28	22	5	0.11	
	10	47	41.098	★32	22	5	0.14	
	11	51	45.078	★36	22	5	0.19	
	12	55	49.069	★40	22	5	0.22	
	13	59	53.068	37	22	6	0.23	
	14	63	57.073	42	22	6	0.28	
	15	67	61.084	46	22	6	0.34	
	16	71	65.098	50	22	6	0.40	
	17	76	69.116	54	22	6	0.46	
	18	80	73.136	57	22	6	0.50	
	19	84	77.159	62	22	6	0.59	
	20	88	81.184	67	25	7	0.76	
	21	92	85.211	71	25	7	0.85	
	22	96	89.239	75	25	7	0.95	
	23	100	93.268	77	25	7	1.00	
	24	104	97.298	63	25	7	0.84	
	25	108	101.330	63	25	7	0.88	
	26	112	105.362	63	25	7	0.92	
	27	116	109.395	63	25	7	0.96	
	28	120	113.429	63	25	7	1.00	
	29	124	117.463	63	25	7	1.00	
	30	128	121.498	63	25	7	1.10	
	32	137	129.569	68	28	10	1.30	
	34	145	137.642	68	28	10	1.40	
	35	149	141.679	68	28	10	1.50	
	36	153	145.716	68	28	10	1.50	
	37	157	149.754	68	28	10	1.55	
	38	161	153.791	68	28	10	1.60	
	40	169	161.868	68	28	10	1.70	
	42	177	169.945	73	32	10	2.05	
	45	189	182.062	73	32	10	2.25	
	48	201	194.180	73	32	10	2.45	
	50	209	202.260	73	32	10	2.60	
	60	250	242.663	73	32	10	3.40	

* If you order a special shaft diameter specification, please append K4 after the hole diameter. Example: FBN40B12D10K4

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



ϕD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
10	3×1.4	4
12	4×1.8	5
14~17	5×2.3	6
18~22	6×2.8	6
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~48	14×3.8	10

Special Shaft Hole Machined Specification Parts

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
10	4×1.8	4

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ϕD^{H7}	Set Screw M
14	25	6
15	30	6

Sprockets with a $\star$ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		23
10	5.2	27
11		31
12		35



ϕD^{H7}	No. of Teeth
10 10 12 14 15	9
10 10 12 14 15 16 17 18	10
10 10 12 14 15 16 17 18 19 20	11
10 10 12 14 15 16 17 18 19 20 22	12
12 14 15 16 17 18 19 20 22 24 ^{Note 1} 25 ^{Note 1}	13
12 14 15 16 17 18 19 20 22 24 25 28 ^{Note 1} 30	14
12 14 15 16 17 18 19 20 22 24 25 28 30 ^{Note 1}	15
14 15 16 17 18 19 20 22 24 25 28 30 32 ^{Note 1}	16
14 15 16 17 18 19 20 22 24 25 28 30 32 35 ^{Note 1}	17
14 15 16 17 18 19 20 22 24 25 28 30 32 35 40 ^{Note 1}	18
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40	19
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45 ^{Note 1}	20
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	21
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45 48	22
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45 48	23
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	24
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	25
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	26
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	27
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	28
25	29
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	30
20 22 24 25 28 30 32 35 40	32
20 22 24 25 28 30 32 35 40	34
20 22 24 25 28 30 32 35 40	35
20 22 24 25 28 30 32 35 40	36
25 28 30 32 35 40	37
24 25 28 30 32 35 40	38
20 25 28 30 32 35 40	40
25 30 32 35 40 45	42
25 30 32 35 40 45	45
30 32 35 40 45	48
25 30 32 35 40 45	50
30	60

KANA**FBN40B Surface Treatment**

● **Order No. Example**
FBN40B12D10

TYPE

No. of Teeth ϕD^{H7} **K4**

Keyway

BK
UC
CM

Surface Treatment Type

Surface Treatment

**BK**

= Black Oxide Coating (Ferrosoferric Oxide Coating)

**UC**

= Trivalent UniChrome Plating (White)

**CM**

= Trivalent Chromate Plating (Yellow)

**BK Type****UC Type****CM Type**

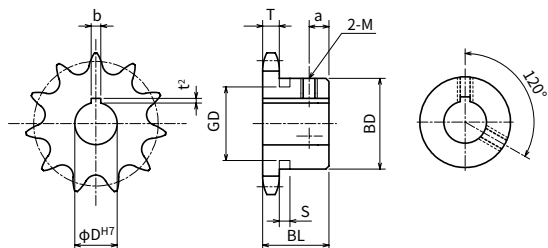
TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
FBN 40B	9	43	37.132	★28	22	5	0.11	
	10	47	41.098	★32	22	5	0.14	
	11	51	45.078	★36	22	5	0.19	
	12	55	49.069	★40	22	5	0.22	
	13	59	53.068	37	22	6	0.23	
	14	63	57.073	42	22	6	0.28	
	15	67	61.084	46	22	6	0.34	
	16	71	65.098	50	22	6	0.40	
	17	76	69.116	54	22	6	0.46	
	18	80	73.136	57	22	6	0.50	
	19	84	77.159	62	22	6	0.59	
	20	88	81.184	67	25	7	0.76	
	21	92	85.211	71	25	7	0.85	
	22	96	89.239	75	25	7	0.95	
	23	100	93.268	77	25	7	1.00	
	24	104	97.298	63	25	7	0.84	
	25	108	101.330	63	25	7	0.88	
	26	112	105.362	63	25	7	0.92	
	27	116	109.395	63	25	7	0.96	
	28	120	113.429	63	25	7	1.00	
	29	124	117.463	63	25	7	1.00	
	30	128	121.498	63	25	7	1.10	
	32	137	129.569	68	28	10	1.30	
	34	145	137.642	68	28	10	1.40	
	35	149	141.679	68	28	10	1.50	
	36	153	145.716	68	28	10	1.50	
	37	157	149.754	68	28	10	1.55	
	38	161	153.791	68	28	10	1.60	
	40	169	161.868	68	28	10	1.70	
	42	177	169.945	73	32	10	2.05	
	45	189	182.062	73	32	10	2.25	
	48	201	194.180	73	32	10	2.45	
	50	209	202.260	73	32	10	2.60	
	60	250	242.663	73	32	10	3.40	

* If you order a special shaft diameter specification, please append K4 after the hole diameter. Example: FBN40B12D10K4

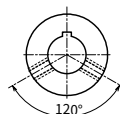
* Surface treatment is carried out with the set screws as attached.

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

- Chain **No.40**
- Chain Pitch **(P) 12.70 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter ... **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**



- m Carbon Structural Steel
- h High-frequency Hardened Teeth



ϕD^{H7} set screws with a □ symbol are set in places other than the keyway (left diagram).

Shaft Hole Machined Specification

ϕD ^{H7}	Keyway b × t ²	Set Screw M
10	3 × 1.4	4
12	4 × 1.8	5
14~17	5 × 2.3	6
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~48	14 × 3.8	10

Special Shaft Hole Machined Specification □ Parts

ϕD ^{H7}	Keyway b × t ²	Set Screw M
10	4 × 1.8	4

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ϕD ^{H7}	Set Screw M
14	25	6
15	30	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		23
10	5.2	27
11		31
12		35



ϕD ^{H7}	No. of Teeth
10 10 12 14 15	9
10 10 12 14 15 16 17 18	10
10 10 12 14 15 16 17 18 19 20	11
10 10 12 14 15 16 17 18 19 20 22	12
12 14 15 16 17 18 19 20 22 24 Note 1 25	13
12 14 15 16 17 18 19 20 22 24 25 28 Note 1 28	14
12 14 15 16 17 18 19 20 22 24 25 28 30 Note 1	15
14 15 16 17 18 19 20 22 24 25 28 30 32 Note 1	16
14 15 16 17 18 19 20 22 24 25 28 30 32 35 Note 1	17
14 15 16 17 18 19 20 22 24 25 28 30 32 35 40 Note 1	18
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40	19
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45 Note 1	20
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	21
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45 48	22
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45 48	23
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	24
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	25
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	26
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	27
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	28
25	29
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42	30
20 22 24 25 28 30 32 35 40	32
20 22 24 25 28 30 32 35 40	34
20 22 24 25 28 30 32 35 40	35
20 22 24 25 28 30 32 35 40	36
25 28 30 32 35 40	37
24 25 28 30 32 35 40	38
20 25 28 30 32 35 40	40
25 30 32 35 40 45	42
25 30 32 35 40 45	45
30 32 35 40 45	48
25 30 32 35 40 45	50
30	60

KANA

FBK40B

● Order No. Example

FBK40B20D25

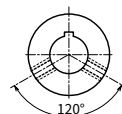
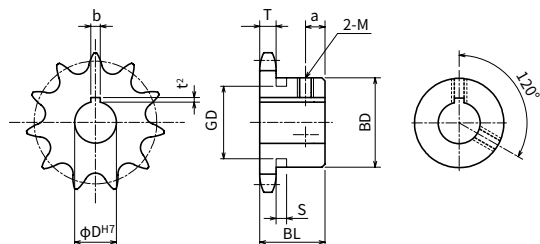
TYPE No. of Teeth ϕD^{H7}

■ Chain **No.40**
 ■ Chain Pitch **(P) 12.70 mm**
 ■ Bushing Link Inner Width ... **(W) 7.95 mm**
 ■ Roller Outside Diameter ... **(Dr) 7.92 mm**
 ■ Tooth Width **(T) 7.3 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBK 40B	9	43	37.132	★28	22	5	0.11	12 15	
	10	47	41.098	★32	22	5	0.14	12 15 16	
	11	51	45.078	★36	22	5	0.19	12 15 17 20	
	12	55	49.069	★40	22	5	0.22	12 15 17 18 19 20	
	13	59	53.068	37	22	6	0.23	15 17 18 19 20	
	14	63	57.073	42	22	6	0.28	14 15 17 18 19 20	
	15	67	61.084	46	22	6	0.34	14 15 17 18 19 20	
	16	71	65.098	50	22	6	0.40	15 17 18 19 20	
	17	76	69.116	54	22	6	0.46	18 19 20	
	18	80	73.136	57	22	6	0.50	15 18 19 20	
	19	84	77.159	62	22	6	0.59	15 18 20	
	20	88	81.184	67	25	7	0.76	15 17 18 19 20	
	21	92	85.211	71	25	7	0.85	18 19 20 22 25 28 30	
	22	96	89.239	75	25	7	0.95	20 22 24 25 28 30 35	
	23	100	93.268	77	25	7	1.00	20 25 28 30 35	
	24	104	97.298	63	25	7	0.84	20 22 24 25 28 30 35	
	25	108	101.330	63	25	7	0.88	18 20 22 25 30 35	
	26	112	105.362	63	25	7	0.92	18 20 24 25 28 30 35	
	27	116	109.395	63	25	7	0.96	20 22 25 30 35	
	28	120	113.429	63	25	7	1.00	22 24 25 30	
	29	124	117.463	63	25	7	1.00	25	
	30	128	121.498	63	25	7	1.10	20 22 24 25 28 30	
	32	137	129.569	68	28	10	1.30	25 30	
	35	149	141.679	68	28	10	1.50	25 30	
	36	153	145.716	68	28	10	1.50	20 25 30	
	37	157	149.754	68	28	10	1.55	35	
	38	161	153.791	68	28	10	1.60	24 25 28	
	40	169	161.868	68	28	10	1.70	30	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



ΦD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel

h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ΦD^{H7}	Keyway $b \times t^2$	Set Screw M
12	4×1.5	5
14~20	5×2.0	6
22~30	7×3.0	8
32~40	10×3.5	8

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD^{H7}	Set Screw M
12	22	6
13	22	6
15	30	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		23
10	5.2	27
11		31
12		35



ΦD^{H7}	No. of Teeth
	9
	10
	11
	12
	13
22	
22 24 25	
22 24 25 28 Note 1	14
22 24 25 28 30 Note 1	15
22 24 25 28 30	16
22 24 25 28 30 32	17
22 24 25 28 30 32 35	18
22 24 25 30	19
22 24 25 28 30 35 40	20
35 40	21
	22
	23
	24
	25
	26
	27
35 40	28
	29
32 35 40	30
35	32
35 40	35
35	36
	37
35 40	38
	40

KANA**FBK40B Surface Treatment**● **Order No. Example****FBK40B20D25**

TYPE

No. of Teeth

 ϕD^{H7} **BK**
UC
CM

Surface Treatment Type

Surface Treatment

**BK**

= Black Oxide Coating (Ferrosoferric Oxide Coating)

**UC**

= Trivalent UniChrome Plating (White)

**CM**

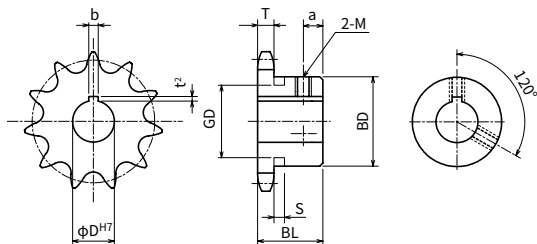
= Trivalent Chromate Plating (Yellow)

**BK Type****UC Type****CM Type**

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBK 40B	9	43	37.132	★28	22	5	0.11	12 15	
	10	47	41.098	★32	22	5	0.14	12 15 16	
	11	51	45.078	★36	22	5	0.19	12 15 17 20	
	12	55	49.069	★40	22	5	0.22	12 15 17 18 19 20	
	13	59	53.068	37	22	6	0.23	15 17 18 19 20	
	14	63	57.073	42	22	6	0.28	14 15 17 18 19 20	
	15	67	61.084	46	22	6	0.34	14 15 17 18 19 20	
	16	71	65.098	50	22	6	0.40	15 17 18 19 20	
	17	76	69.116	54	22	6	0.46	18 19 20	
	18	80	73.136	57	22	6	0.50	15 18 19 20	
	19	84	77.159	62	22	6	0.59	15 18 20	
	20	88	81.184	67	25	7	0.76	15 17 18 19 20	
	21	92	85.211	71	25	7	0.85	18 19 20 22 25 28 30	
	22	96	89.239	75	25	7	0.95	20 22 24 25 28 30 35	
	23	100	93.268	77	25	7	1.00	20 25 28 30 35	
	24	104	97.298	63	25	7	0.84	20 22 24 25 28 30 35	
	25	108	101.330	63	25	7	0.88	18 20 22 25 30 35	
	26	112	105.362	63	25	7	0.92	18 20 24 25 28 30 35	
	27	116	109.395	63	25	7	0.96	20 22 25 30 35	
	28	120	113.429	63	25	7	1.00	22 24 25 30	
	29	124	117.463	63	25	7	1.00	25	
	30	128	121.498	63	25	7	1.10	20 22 24 25 28 30	
	32	137	129.569	68	28	10	1.30	25 30	
	35	149	141.679	68	28	10	1.50	25 30	
	36	153	145.716	68	28	10	1.50	20 25 30	
	37	157	149.754	68	28	10	1.55	35	
	38	161	153.791	68	28	10	1.60	24 25 28	
	40	169	161.868	68	28	10	1.70	30	

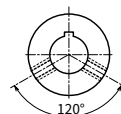
Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

- Chain **No.40**
- Chain Pitch **(P) 12.70 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter ... **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**



m Carbon Structural Steel

h High-frequency Hardened Teeth



ΦD^{H7} set screws with a □ symbol are set in places other than the keyway (left diagram).

Shaft Hole Machined Specification

ΦD ^{H7}	Keyway b × t ²	Set Screw M
12	4 × 1.5	5
14~20	5 × 2.0	6
22~30	7 × 3.0	8
32~40	10 × 3.5	8

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD ^{H7}	Set Screw M
12	22	6
13	22	6
15	30	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		23
10	5.2	27
11		31
12		35



	ΦD ^{H7}	No. of Teeth
		9
		10
		11
		12
		13
22		14
22 24 25	28	15
22 24 25 28 30	Note 1	16
22 24 25 28 30 32		17
22 24 25 28 30 32 35		18
22 24 25 30		19
22 24 25 28 30 35 40		20
35 40		21
		22
		23
		24
		25
		26
		27
35 40		28
		29
32 35 40		30
35		32
35 40		35
35		36
		37
		38
35 40		40

KANA

SUSFBN40B

● Order No. Example
SUSFBN 40B 10 D10

TYPE

No. of Teeth

 ϕD^{H7} **K4**

Keyway

- Chain **No.40**
- Chain Pitch **(P) 12.70mm**
- Bushing Link Inner Width ... **(W) 7.95mm**
- Roller Outside Diameter ... **(Dr) 7.92mm**
- Tooth Width **(T) 7.3 (Max.) mm**

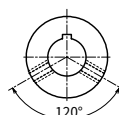
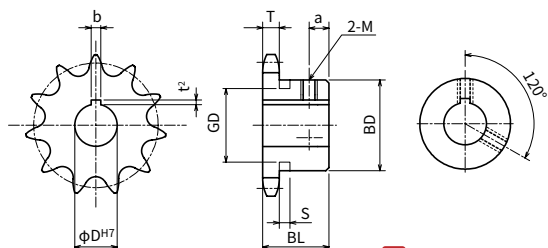


TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
SUS FBN 40B	9	43	37.132	★28	22	5	0.11	10 10 12 14 15	
	10	47	41.098	★32	22	5	0.14	10 10 12 14 15 16 17 18	
	11	51	45.078	★36	22	5	0.19	12 14 15 16 17 18 19 20	
	12	55	49.069	★40	22	5	0.22	12 14 15 16 17 18 19 20 22	
	13	59	53.068	37	22	6	0.23	14 15 16 17 18 19 20 22	Note 1
	14	63	57.073	42	22	6	0.28	14 15 16 17 18 19 20 22	
	15	67	61.084	46	22	6	0.34	14 15 16 17 18 19 20 22	
	16	71	65.098	50	22	6	0.40	14 15 16 17 18 19 20 22	
	17	76	69.116	54	22	6	0.46	14 15 16 17 18 19 20 22	
	18	80	73.136	57	22	6	0.51	14 15 16 17 18 19 20	
	19	84	77.159	62	22	6	0.59	15 16 17 18 19 20	
	20	88	81.184	67	25	7	0.76	15 16 17 18 19 20 22 40 42 45	Note 1
	21	92	85.211	71	25	7	0.85	15 16 17 18 19 20 22 24 25	
	22	96	89.239	75	25	7	0.95	15 16 17 18 19 20 22	
	23	100	93.268	77	25	7	1.00	15 16 17 18 19 20 22	
	24	104	97.298	63	25	7	0.84	15 16 17 18 19 20 22 24	
	25	108	101.330	63	25	7	0.88	15 16 17 18 19 20 22 24	
	26	112	105.362	63	25	7	0.90	15 16 17 18 19 20 22	
	27	116	109.395	63	25	7	0.96	15 16 17 18 19 20 22 24	
	28	120	113.429	63	25	7	1.00	15 16 17 18 19 20 22 24	
	30	128	121.498	63	25	7	1.10	15 16 17 18 19 20 22 24	
	32	137	129.569	68	28	10	1.30	20 22 24 25 28 30	
	34	145	137.642	68	28	10	1.50	20 22 24 25 28 30	
	35	149	141.679	68	28	10	1.50	20 22 24 25 28 30	
	36	153	145.716	68	28	10	1.60	20 22 24 25 28 30	
	38	161	153.791	68	28	10	1.70	24 25 28 30 32 35 40	
	40	169	161.868	68	28	10	1.80	20 22 25 28 30 32 35 40	

* If you order a special shaft diameter specification, please append K4 after the hole diameter. Example:
SUSFBN40B10D10K4

* Products with long screw holes may be counterbored.

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



ΦD_{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Stainless Steel **GB** 304

Shaft Hole Machined Specification

ΦD _{H7}	Keyway b × t ²	Set Screw M
10	3 × 1.4	4
12	4 × 1.8	5
14~17	5 × 2.3	6
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45	14 × 3.8	10

Special Shaft Hole Machined Specification $\square$ Parts

ΦD _{H7}	Keyway b × t ²	Set Screw M
10	4 × 1.8	4

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD _{H7}	Set Screw M
14	25	6
15	30	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		23
10	5.2	27
11		31
12		35



ΦD _{H7}	No. of Teeth
	9
	10
	11
	12
	13
24 ^{Note 1} 25 ^{Note 1}	14
24 25 28 ^{Note 1}	15
24 25 28 30 ^{Note 1}	16
24 25 28 30 32 ^{Note 1}	17
24 25 28 30 32 35 ^{Note 1}	18
22 24 25 28 30 32 35 40 ^{Note 1}	19
22 24 25 28 30 32 35 38 40	20
24 25 28 30 32 35 38	21
28 30 32 35 38 40 42 45	22
24 25 28 30 32 35 38 40 42 45	23
24 25 28 30 32 35 38 40 42 45	24
25 28 30 32 35 38 40 42	25
25 28 30 32 35 38 40 42	26
24 25 28 30 32 35 38 40 42	27
25 28 30 32 35 38 40 42	28
25 28 30 32 35 38 40 42	30
25 28 30 32 35 38 40 42	32
32 35 40	34
32 35 40	35
32 35 40	36
32 35 40	38
	40

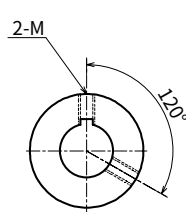
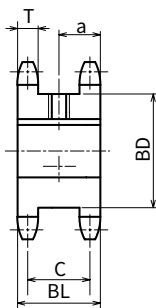
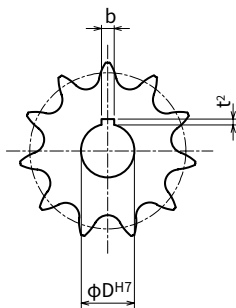
KANA

FBN40SD

● Order No. Example
FBN40SD20D25

TYPE No. of Teeth ϕD^{H7}

- Chain **No.40**
- Chain Pitch (P) **12.70 mm**
- Bushing Link Inner Width ... (W) **7.95 mm**
- Roller Outside Diameter ... (Dr) **7.92 mm**
- Tooth Width (T) **7.3 (Max.) mm**
(C) **27.7 (Min.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}		
FBN 40SD	12	55	49.069	34	35	17.5	0.33	15	17	18
	13	59	53.068	38	35	17.5	0.40	18	20	
	14	63	57.073	42	35	17.5	0.49	18	20	25
	15	67	61.084	46	35	17.5	0.57	20	25	
	16	71	65.098	50	35	17.5	0.66	20	25	
	17	76	69.116	54	35	17.5	0.76	25	28	30
	18	80	73.136	59	35	17.5	0.89	25	28	30 35
	19	84	77.159	63	35	17.5	1.00	25	28	30 35
	20	88	81.184	67	35	17.5	1.10	25	28	30 35
	21	92	85.211	71	35	17.5	1.23	25	28	30 35

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
15~17	5×2.3	6
18~22	6×2.8	6
24~30	8×3.3	8
32~35	10×3.3	8

● Order No. Example

FBN40SD20D25

TYPE No. of Teeth ϕD^{H7}

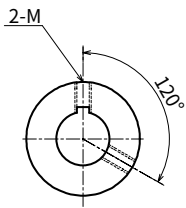
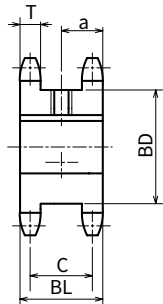
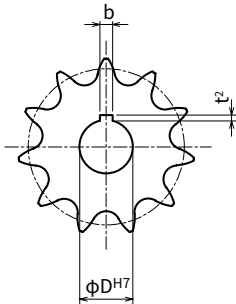
BK
UC
CM

Surface Treatment Type

Surface Treatment		BK = Black Oxide Coating (Ferrosoferric Oxide Coating)
		UC = Trivalent UniChrome Plating (White)
		CM = Trivalent Chromate Plating (Yellow)



BK Type



- Chain **No.40**
- Chain Pitch **(P) 12.70 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter ... **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**
(C) 27.7 (Min.) mm

-  Carbon Structural Steel
-  High-frequency Hardened Teeth

TYPE	No. of Teeth	Outer Diameter D_o	Pitch Diameter D_p	Boss Diameter B_D	Boss Length B_L	a	Weight (kg)	ϕD^{H7}		
FBN 40SD	12	55	49.069	34	35	17.5	0.33	15	17	18
	13	59	53.068	38	35	17.5	0.40	18	20	
	14	63	57.073	42	35	17.5	0.49	18	20	25
	15	67	61.084	46	35	17.5	0.57	20	25	
	16	71	65.098	50	35	17.5	0.66	20	25	
	17	76	69.116	54	35	17.5	0.76	25	28	30
	18	80	73.136	59	35	17.5	0.89	25	28	30 35
	19	84	77.159	63	35	17.5	1.00	25	28	30 35
	20	88	81.184	67	35	17.5	1.10	25	28	30 35
	21	92	85.211	71	35	17.5	1.23	25	28	30 35

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^1$	Set Screw M
15~17	5×2.3	6
18~22	6×2.8	6
24~30	8×3.3	8
32~35	10×3.3	8

KANA

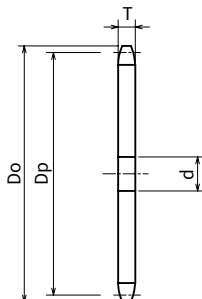
40A

● Order No. Example

40A 20

TYPE No. of Teeth

- Chain **No.40**
- Chain Pitch **(P) 12.70 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter ... **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**



 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
40A10	47	41.098	9	10	0.07
40A11	51	45.078	10	11	0.09
40A12	55	49.069	10	11	0.10
40A13	59	53.068	12	13	0.12
40A14	63	57.073	12	13	0.14
40A15	67	61.084	12	13	0.16
40A16	71	65.098	13	14	0.18
40A17	76	69.116	13	14	0.20
40A18	80	73.136	13	14	0.23
40A19	84	77.159	14	15	0.26
40A20	88	81.184	14	15	0.29
40A21	92	85.211	14	15	0.30
40A22	96	89.239	14	15	0.35
40A23	100	93.268	14	15	0.38
40A24	104	97.298	14	15	0.40
40A25	108	101.330	14	15	0.45
40A26	112	105.362	14	15	0.49
40A27	116	109.395	14	15	0.50
40A28	120	113.429	14	15	0.56
40A29	124	117.463	14	15	0.60
40A30	128	121.498	14	15	0.63
40A31	133	125.533	14	15	0.65
40A32	137	129.569	14	15	0.70
40A33	141	133.605	14	15	0.75
40A34	145	137.642	14	15	0.80
40A35	149	141.679	14	15	0.85
40A36	153	145.716	16	17	0.90
40A37	157	149.754	16	17	0.99
40A38	161	153.791	16	17	1.00
40A39	165	157.830	16	17	1.10

 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
40A40	169	161.868	16	17	1.20
40A41	173	165.906	16	17	1.20
40A42	177	169.945	16	17	1.25
40A43	181	173.984	16	17	1.30
40A44	185	178.023	16	17	1.35
40A45	189	182.062	16	17	1.40
40A46	193	186.101	16	17	1.49
40A47	197	190.141	16	17	1.58
40A48	201	194.180	16	17	1.63
40A49	205	198.220	16	17	1.73
40A50	209	202.260	16	17	1.80
40A51	214	206.300	16	17	1.88
40A52	218	210.340	16	17	1.93
40A53	222	214.380	16	17	1.98
40A54	226	218.420	16	17	2.10
40A55	230	222.460	16	17	2.18
40A56	234	226.501	16	17	2.30
40A58	242	234.582	16	17	2.40
40A59	246	238.622	16	17	2.50
40A60	250	242.663	16	17	2.60
40A62	258	250.744	16	17	2.77
40A64	266	258.826	16	17	2.90
40A65	270	262.867	16	17	3.00
40A68	282	274.990	16	17	3.35
40A70	290	283.073	16	17	3.50
40A72	299	291.155	20	21	3.70
40A75	311	303.279	20	21	4.00
40A80	331	323.486	20	21	4.60
40A85	351	343.694	20	21	5.20
40A90	371	363.902	20	21	5.80

KANA

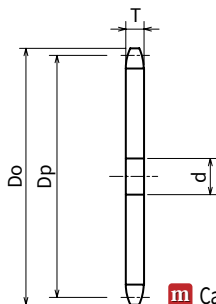
HG40A

● Order No. Example
HG40A 20H

TYPE No. of Teeth



- Chain **No.40**
- Chain Pitch **(P) 12.70 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter ... **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG40A10H	47	41.098	9	10	0.07
HG40A11H	51	45.078	10	11	0.09
HG40A12H	55	49.069	10	11	0.10
HG40A13H	59	53.068	12	13	0.12
HG40A14H	63	57.073	12	13	0.14
HG40A15H	67	61.084	12	13	0.16
HG40A16H	71	65.098	13	14	0.18
HG40A17H	76	69.116	13	14	0.20
HG40A18H	80	73.136	13	14	0.23
HG40A19H	84	77.159	14	15	0.26
HG40A20H	88	81.184	14	15	0.29
HG40A21H	92	85.211	14	15	0.30
HG40A22H	96	89.239	14	15	0.35
HG40A23H	100	93.268	14	15	0.38
HG40A24H	104	97.298	14	15	0.40
HG40A25H	108	101.330	14	15	0.45
HG40A26H	112	105.362	14	15	0.49
HG40A27H	116	109.395	14	15	0.50
HG40A28H	120	113.429	14	15	0.56
HG40A29H	124	117.463	14	15	0.60

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG40A30H	128	121.498	14	15	0.63
HG40A32H	137	129.569	14	15	0.70
HG40A34H	145	137.642	14	15	0.80
HG40A35H	149	141.679	14	15	0.85
HG40A36H	153	145.716	16	17	0.90
HG40A38H	161	153.791	16	17	1.00
HG40A40H	169	161.868	16	17	1.20
HG40A42H	177	169.945	16	17	1.25
HG40A44H	185	178.023	16	17	1.35
HG40A45H	189	182.062	16	17	1.40
HG40A46H	193	186.101	16	17	1.49
HG40A48H	201	194.180	16	17	1.63
HG40A50H	209	202.260	16	17	1.80
HG40A52H	218	210.340	16	17	1.93
HG40A54H	226	218.420	16	17	2.10
HG40A55H	230	222.460	16	17	2.18
HG40A60H	250	242.663	16	17	2.60
HG40A65H	270	262.867	16	17	3.00
HG40A70H	290	283.073	16	17	3.50
HG40A75H	311	303.279	20	21	4.00
HG40A80H	331	323.486	20	21	4.60

KANA

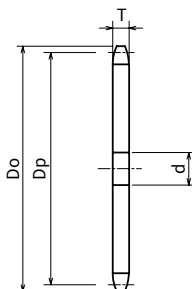
SUS40A

● Order No. Example
SUS40A 20

TYPE No. of Teeth



- Chain **No.40**
- Chain Pitch **(P) 12.70 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter ... **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**



m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
SUS40A10	47	41.098	9	10	0.06
SUS40A11	51	45.078	10	11	0.09
SUS40A12	55	49.069	10	11	0.10
SUS40A13	59	53.068	12	13	0.12
SUS40A14	63	57.073	12	13	0.14
SUS40A15	67	61.084	12	13	0.16
SUS40A16	71	65.098	13	14	0.18
SUS40A17	76	69.116	13	14	0.20
SUS40A18	80	73.136	13	14	0.23
SUS40A19	84	77.159	14	15	0.26
SUS40A20	88	81.184	14	15	0.29
SUS40A21	92	85.211	14	15	0.30
SUS40A22	96	89.239	14	15	0.35
SUS40A23	100	93.268	14	15	0.38
SUS40A24	104	97.298	14	15	0.40

 Stainless Steel  304

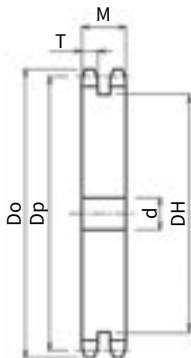
Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
SUS40A25	108	101.330	14	15	0.45
SUS40A26	112	105.362	14	15	0.49
SUS40A27	116	109.395	14	15	0.50
SUS40A28	120	113.429	14	15	0.56
SUS40A29	124	117.463	14	15	0.60
SUS40A30	128	121.498	14	15	0.63
SUS40A31	133	125.533	14	15	0.70
SUS40A32	137	129.569	14	15	0.70
SUS40A33	141	133.605	14	15	0.80
SUS40A34	145	137.642	14	15	0.80
SUS40A35	149	141.679	14	15	0.90
SUS40A36	153	145.716	16	17	0.90
SUS40A37	157	149.754	16	17	1.00
SUS40A38	161	153.791	16	17	1.00
SUS40A39	165	157.830	16	17	1.10
SUS40A40	169	161.868	16	17	1.20

KANA

HG40-2A

● **Order No. Example**
HG40-2A 35H
 TYPE No. of Teeth

- Chain **No.40-2**
- Chain Pitch (P) **12.70 mm**
- Bushing Link Inner Width ... (W) **7.95 mm**
- Roller Outside Diameter ... (Dr) **7.92 mm**
- Tooth Width (T) **7.1(Max.) mm**
- Total Tooth Width (M) **21.5 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Intermediate Boss DH	Weight (kg)
				Pilot hole	Minimum		
HG40-2A35H	35	149	141.679	16	17	128	2.40
HG40-2A36H	36	153	145.716	16	17	132	2.60
HG40-2A38H	38	161	153.791	16	17	140	2.90
HG40-2A40H	40	169	161.868	16	17	148	3.20
HG40-2A42H	42	177	169.945	16	17	156	3.60
HG40-2A45H	45	189	182.062	18	19	168	4.10
HG40-2A48H	48	201	194.180	18	19	180	4.70
HG40-2A50H	50	209	202.260	18	19	188	5.10
HG40-2A54H	54	226	218.420	18	19	205	6.00
HG40-2A60H	60	250	242.663	18	19	229	7.40

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

NK40B

● **Order No. Example**

NK40B 20

TYPE No. of Teeth

- Chain **No.40**
- Chain Pitch **(P) 12.70 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter ... **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**

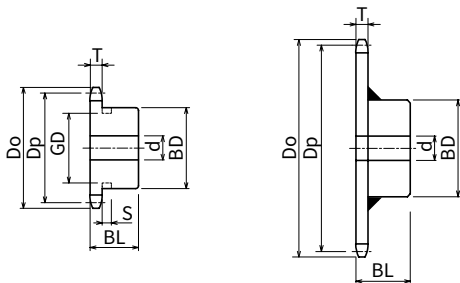


Ground Specification



Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK40B8	39	33.187	9	10	14	★24	22	Ground Specification	Carbon Structural Steel High-frequency Hardened Teeth	0.10
NK40B9	43	37.132	9	10	16	★28	22			0.11
NK40B10	47	41.098	9	10	18	★32	22			0.14
NK40B11	51	45.078	10	11	20	★36	22			0.19
NK40B12	55	49.069	10	11	22	★40	22			0.22
NK40B13	59	53.068	12	13	20	37	22			0.23
NK40B14	63	57.073	12	13	25	42	22			0.28
NK40B15	67	61.084	12	13	28	46	22			0.34
NK40B16	71	65.098	13	14	30	50	22			0.40
NK40B17	76	69.116	13	14	32	54	22			0.46
NK40B18	80	73.136	13	14	35	57	22			0.50
NK40B19	84	77.159	14	15	40	62	22			0.59
NK40B20	88	81.184	14	15	45	67	25			0.76
NK40B21	92	85.211	14	15	48	71	25			0.85
NK40B22	96	89.239	14	15	51	75	25			0.95
NK40B23	100	93.268	14	15	51	77	25			1.00
NK40B24	104	97.298	14	15	42	63	25			0.84
NK40B25	108	101.330	14	15	42	63	25			0.88
NK40B26	112	105.362	14	15	42	63	25			0.92
NK40B27	116	109.395	14	15	42	63	25			0.96
NK40B28	120	113.429	14	15	42	63	25			1.00
NK40B29	124	117.463	14	15	42	63	25			1.00
NK40B30	128	121.498	14	15	42	63	25			1.10
NK40B31	133	125.533	14	15	45	68	28			1.30
NK40B32	137	129.569	14	15	45	68	28			1.30
NK40B33	141	133.605	14	15	45	68	28			1.40
NK40B34	145	137.642	14	15	45	68	28			1.40
NK40B35	149	141.679	14	15	45	68	28			1.50
NK40B36	153	145.716	16	17	45	68	28			1.50
NK40B37	157	149.754	16	17	45	68	28			1.55
NK40B38	161	153.791	16	17	45	68	28			1.60
NK40B39	165	157.830	16	17	45	68	28			1.65
NK40B40	169	161.868	16	17	45	68	28			1.70



Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK40B41	173	165.906	16	17	48	73	32	Ground Specification	Carbon Structural Steel h m High-frequency Hardened Teeth	2.00
NK40B42	177	169.945	16	17	48	73	32			2.05
NK40B43	181	173.984	16	17	48	73	32			2.10
NK40B44	185	178.023	16	17	48	73	32			2.17
NK40B45	189	182.062	16	17	48	73	32			2.25
NK40B46	193	186.101	16	17	48	73	32			2.30
NK40B47	197	190.141	16	17	48	73	32			2.37
NK40B48	201	194.180	16	17	48	73	32			2.45
NK40B49	205	198.220	16	17	48	73	32			2.51
NK40B50	209	202.260	16	17	48	73	32			2.60
NK40B51	214	206.300	16	17	48	73	32			2.65
NK40B52	218	210.340	16	17	48	73	32			2.72
NK40B53	222	214.380	16	17	48	73	32			2.80
NK40B54	226	218.420	16	17	48	73	32			2.90
NK40B55	230	222.460	16	17	48	73	32			2.96
NK40B56	234	226.501	16	17	48	73	32			3.04
NK40B60	250	242.663	16	17	48	73	32			3.40
NK40B64	266	258.826	16	17	48	73	32			3.73
NK40B65	270	262.867	16	17	55	83	32			4.10
NK40B68	282	274.990	16	17	55	83	32			4.40
NK40B70	290	283.073	16	17	55	83	32	Welded Specification	Common Steel m	4.57
NK40B72	299	291.155	20	21	55	83	32			4.80
NK40B75	311	303.279	20	21	55	83	32			5.10
NK40B80	331	323.486	20	21	60	88	35			5.90
NK40B85	351	343.694	20	21	60	88	35			6.60
NK40B90	371	363.902	20	21	60	88	35			7.15

Sprockets with a ★ symbol for BD have a channel in the boss exterior.



No. of Teeth	S	GD
8	5.2	18
9		23
10		27
11		31
12		35

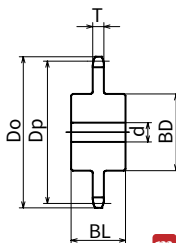
KANA

NK40C

● **Order No. Example**
NK40C 20

TYPE No. of Teeth

- Chain **No.40**
- Chain Pitch **(P) 12.70 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

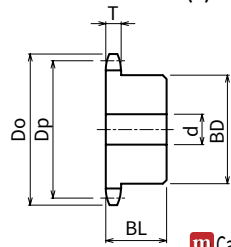
Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
NK40C10	47	41.098	9	10	12	26	35	Ground Specification	0.20
NK40C11	51	45.078	10	11	16	30	35		0.30
NK40C12	55	49.069	10	11	18	35	35		0.30
NK40C13	59	53.068	12	13	20	39	35		0.40
NK40C14	63	57.073	12	13	24	43	35		0.50
NK40C15	67	61.084	12	13	28	47	35		0.60
NK40C16	71	65.098	13	14	30	50	35		0.60
NK40C17	76	69.116	13	14	30	54	35		0.70
NK40C18	80	73.136	13	14	35	58	35		0.80
NK40C19	84	77.159	14	15	35	62	35		0.90
NK40C20	88	81.184	14	15	40	66	35		1.00
NK40C21	92	85.211	14	15	40	70	35		1.10
NK40C22	96	89.239	14	15	40	74	35		1.30
NK40C23	100	93.268	14	15	44	78	35		1.40
NK40C24	104	97.298	14	15	44	80	35		1.50
NK40C25	108	101.330	14	15	44	87	35		1.70
NK40C26	112	105.363	14	15	44	90	35		1.80
NK40C27	116	109.395	14	15	50	95	35		2.00
NK40C28	120	113.429	14	15	50	95	35		2.10
NK40C30	128	121.498	14	15	50	100	35		2.30
NK40C32	137	129.569	14	15	50	100	35		2.40
NK40C34	145	137.642	14	15	50	100	35		2.50
NK40C35	149	141.679	14	15	50	100	35		2.60
NK40C36	153	145.716	16	17	45	73	45		2.10
NK40C38	161	153.791	16	17	45	73	45		2.20
NK40C40	169	161.868	16	17	45	73	45		2.30
NK40C42	177	169.945	16	17	45	73	45		2.50
NK40C45	189	182.062	16	17	45	73	45		2.60
NK40C48	201	194.180	16	17	45	73	45		2.80
NK40C50	209	202.260	16	17	45	73	45		3.00
NK40C54	226	218.420	16	17	45	73	45		3.30
NK40C60	250	242.663	16	17	45	73	45		3.80
NK40C65	270	262.867	16	17	50	83	50		4.80
NK40C70	290	283.073	16	17	50	83	50		5.30
NK40C75	311	303.279	20	21	50	83	50		5.80

● Order No. Example

K40B 20

TYPE No. of Teeth

- Chain No.40
- Chain Pitch (P) 12.70 mm
- Bushing Link Inner Width ... (W) 7.95 mm
- Roller Outside Diameter ... (Dr) 7.92 mm
- Tooth Width (T) 7.3 (Max.) mm



m Carbon Structural Steel

h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
K40B10	47	41.098	9	10	16	28	25	Ground Specification	0.20
K40B11	51	45.078	10	11	16	30	25		0.20
K40B12	55	49.069	10	11	18	34	25		0.25
K40B13	59	53.068	12	13	20	38	25		0.30
K40B14	63	57.073	12	13	25	42	25		0.40
K40B15	67	61.084	12	13	28	46	25		0.40
K40B16	71	65.098	13	14	30	50	25		0.50
K40B17	76	69.116	13	14	32	54	30		0.60
K40B18	80	73.136	13	14	32	54	30		0.70
K40B19	84	77.159	14	15	32	54	30		0.70
K40B20	88	81.184	14	15	35	56	40		0.90
K40B21	92	85.211	14	15	35	56	40		0.90
K40B22	96	89.239	14	15	35	56	40		1.00
K40B23	100	93.268	14	15	35	56	40		1.00
K40B24	104	97.298	14	15	35	56	40		1.00
K40B25	108	101.330	14	15	35	56	40		1.10
K40B26	112	105.362	14	15	35	56	40		1.10
K40B27	116	109.395	14	15	45	65	40		1.40
K40B28	120	113.429	14	15	45	65	40		1.40
K40B29	124	117.463	14	15	45	65	40		1.40
K40B30	128	121.498	14	15	45	65	40	Timing Pulleys/Flanges	1.50
K40B31	133	125.533	14	15	45	65	40		1.50
K40B32	137	129.569	14	15	45	65	40		1.60
K40B33	141	133.605	14	15	45	65	40		1.60
K40B34	145	137.642	14	15	45	65	40		1.70
K40B35	149	141.679	14	15	45	65	40	Gears	1.70
K40B36	153	145.716	16	17	45	68	35		1.80
K40B37	157	149.754	16	17	45	68	35		1.80
K40B38	161	153.791	16	17	45	68	35		1.80
K40B39	165	157.830	16	17	45	68	35		1.90
K40B40	169	161.868	16	17	45	68	35		1.90

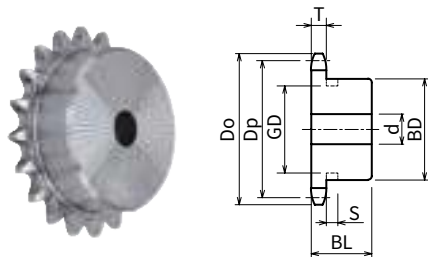
KANA

SUS40B

● **Order No. Example**
SUS40B 20

TYPE No. of Teeth

Chain **No.40**
Chain Pitch **(P) 12.70 mm**
Bushing Link Inner Width ... **(W) 7.95 mm**
Roller Outside Diameter ... **(Dr) 7.92 mm**
Tooth Width **(T) 7.3 (Max.) mm**



Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9	5.2	23
10		27
11		31
12		35

m Stainless Steel **GB** 304

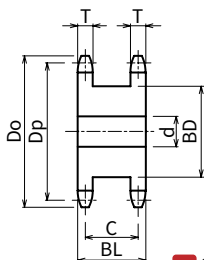
Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS40B9	43	37.132	9	10	16	★28	22	Ground Specification	0.11
SUS40B10	47	41.098	9	10	18	★32	22		0.14
SUS40B11	51	45.078	10	11	20	★36	22		0.19
SUS40B12	55	49.069	10	11	22	★40	22		0.22
SUS40B13	59	53.068	12	13	20	37	22		0.23
SUS40B14	63	57.073	12	13	25	42	22		0.28
SUS40B15	67	61.084	12	13	28	46	22		0.34
SUS40B16	71	65.098	13	14	30	50	22		0.40
SUS40B17	76	69.116	13	14	32	54	22		0.46
SUS40B18	80	73.136	13	14	35	57	22		0.51
SUS40B19	84	77.159	14	15	40	62	22		0.59
SUS40B20	88	81.184	14	15	45	67	25		0.76
SUS40B21	92	85.211	14	15	48	71	25		0.85
SUS40B22	96	89.239	14	15	51	75	25		0.95
SUS40B23	100	93.268	14	15	51	77	25		1.00
SUS40B24	104	97.298	14	15	42	63	25		0.84
SUS40B25	108	101.330	14	15	42	63	25		0.88
SUS40B26	112	105.362	14	15	42	63	25		0.90
SUS40B27	116	109.395	14	15	42	63	25		0.96
SUS40B28	120	113.429	14	15	42	63	25		1.00
SUS40B30	128	121.498	14	15	42	63	25		1.10
SUS40B32	137	129.569	14	15	45	68	28		1.30
SUS40B34	145	137.642	14	15	45	68	28		1.50
SUS40B35	149	141.679	14	15	45	68	28		1.50
SUS40B36	153	145.716	16	17	45	68	28		1.60
SUS40B38	161	153.791	16	17	45	68	28		1.70
SUS40B40	169	161.868	16	17	45	68	28		1.80
SUS40B42	177	169.945	16	17	48	73	32		2.05
SUS40B45	189	182.062	16	17	48	73	32		2.25
SUS40B48	201	194.180	16	17	48	73	32		2.50
SUS40B50	209	202.260	16	17	48	73	32		2.60
SUS40B54	226	218.420	16	17	48	73	32		2.90

● Order No. Example

40SD 20

TYPE No. of Teeth

- Chain No.40
- Chain Pitch (P) 12.70 mm
- Bushing Link Inner Width ... (W) 7.95 mm
- Roller Outside Diameter ... (Dr) 7.92 mm
- Tooth Width (T) 7.3 (Max.) mm
- (C) 27.7 (Min.) mm



m Carbon Structural Steel

h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
			Pilot hole	Minimum	Maximum			
40SD10	47	41.098	10	11	15	25	35	0.20
40SD11	51	45.078	10	11	16	30	35	0.27
40SD12	55	49.069	10	11	18	34	35	0.33
40SD13	59	53.068	13	14	20	38	35	0.40
40SD14	63	57.073	13	14	25	42	35	0.49
40SD15	67	61.084	13	14	28	46	35	0.57
40SD16	71	65.098	13	14	30	50	35	0.66
40SD17	76	69.116	13	14	32	54	35	0.76
40SD18	80	73.136	13	14	38	59	35	0.89
40SD19	84	77.159	13	14	42	63	35	1.00
40SD20	88	81.184	13	14	45	67	35	1.10
40SD21	92	85.211	13	14	48	71	35	1.23
40SD22	96	89.239	13	14	50	75	35	1.40
40SD23	100	93.268	13	14	52	78	35	1.50
40SD24	104	97.298	13	14	55	83	35	1.70
40SD25	108	101.330	13	14	58	87	35	1.84
40SD26	112	105.362	13	14	62	92	35	2.00
40SD27	116	109.395	16	17	65	96	35	2.20
40SD28	120	113.429	16	17	68	100	35	2.40
40SD29	124	117.463	16	17	70	104	35	2.50
40SD30	128	121.498	16	17	75	108	35	2.70

KANA

NK40-2B

● Order No. Example

NK40-2B 20

TYPE No. of Teeth

Chain	.....	No.40-2
Chain Pitch	.....	(P) 12.70 mm
Bushing Link Inner Width	...	(W) 7.95 mm
Roller Outside Diameter	....	(Dr) 7.92 mm
Tooth Width	.....	(T) 7.1 (Max.) mm
Total Tooth Width	.....	(M) 21.5 (Max.) mm

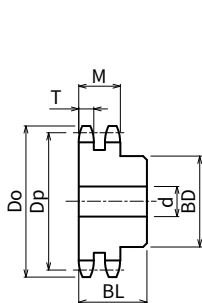


Ground Specification

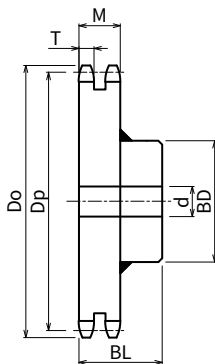


Welded Specification
(Includes some with black oxide finish)

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK40-2B10	47	41.098	10	11	16	28	35	Ground Specification	Carbon Structural Steel High-frequency Hardened Teeth	0.28
NK40-2B11	51	45.078	10	11	16	30	35			0.30
NK40-2B12	55	49.069	10	11	20	35	35			0.34
NK40-2B13	59	53.068	13	14	22	39	35			0.40
NK40-2B14	63	57.073	13	14	25	43	35			0.47
NK40-2B15	67	61.084	13	14	28	47	35			0.55
NK40-2B16	71	65.098	13	14	30	50	35			0.65
NK40-2B17	76	69.116	13	14	32	54	35			0.75
NK40-2B18	80	73.136	13	14	38	59	35			0.85
NK40-2B19	84	77.159	13	14	42	63	35			0.98
NK40-2B20	88	81.184	13	14	45	67	40			1.30
NK40-2B21	92	85.211	13	14	45	68	40			1.40
NK40-2B22	96	89.239	13	14	48	72	40			1.50
NK40-2B23	100	93.268	13	14	51	76	40			1.70
NK40-2B24	104	97.298	13	14	55	80	40			1.80
NK40-2B25	108	101.330	13	14	57	84	40			2.00
NK40-2B26	112	105.362	13	14	60	88	40			2.20
NK40-2B27	116	109.395	16	17	60	92	40			2.30
NK40-2B28	120	113.429	16	17	66	96	40			2.50
NK40-2B29	124	117.463	16	17	66	96	40			2.65
NK40-2B30	128	121.498	16	17	66	100	40			3.20



Ground Specification



Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK40-2B31	133	125.533	16	17	66	100	50	Ground Specification	 Carbon Structural Steel High-Frequency Hardened Teeth	3.60
NK40-2B32	137	129.569	16	17	66	100	50			3.70
NK40-2B33	141	133.605	16	17	66	100	50			3.80
NK40-2B34	145	137.642	16	17	66	100	50			4.00
NK40-2B35	149	141.679	16	17	66	100	50			4.10
NK40-2B36	153	145.716	16	17	66	100	50			4.20
NK40-2B37	157	149.754	16	17	66	100	50			4.40
NK40-2B38	161	153.791	16	17	66	100	50			4.60
NK40-2B40	169	161.868	16	17	66	100	50			4.90
NK40-2B42	177	169.945	16	17	63	93	50			5.00
NK40-2B45	189	182.062	18	19	63	93	50	Welded Specification	 Common Steel	5.50
NK40-2B48	201	194.180	18	19	63	93	50			6.10
NK40-2B50	209	202.260	18	19	63	93	50			6.50
NK40-2B54	226	218.420	18	19	63	93	50			7.40
NK40-2B60	250	242.663	18	19	63	93	50			8.80
NK40-2B65	270	262.867	20	21	63	93	50			10.00
NK40-2B70	290	283.073	20	21	63	93	50			11.60

KANA

FBN50B

● Order No. Example
FBN50B20D40

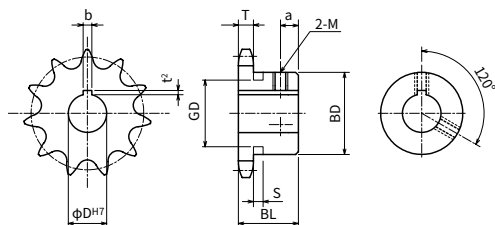
TYPE No. of Teeth ϕD^{H7}

Chain **No.50**
Chain Pitch (P) **15.875 mm**
Bushing Link Inner Width ... (W) **9.53 mm**
Roller Outside Diameter ... (Dr) **10.16 mm**
Tooth Width (T) **8.9 (Max.) mm**

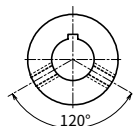


TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBN 50B	9	53	46.415	★34	25	5	0.20	15 16 17 18 19	
	10	58	51.373	★40	25	5	0.27	15 16 17 18 19 20	
	11	64	56.348	★45.5	25	5	0.33	15 16 17 18 19 20	
	12	69	61.336	★50	25	5	0.40	15 16 17 18 19 20	
	13	74	66.335	★51	25	5	0.46	14 15 16 17 18 19 20	
	14	79	71.342	52	25	7	0.52	14 15 16 17 18 19 20	
	15	84	76.355	57	25	7	0.60	14 15 16 17 18 19 20	
	16	89	81.373	62	25	7	0.70	14 15 16 17 18 19 20	
	17	94	86.395	67	25	7	0.83	14 15 16 17 18 19 20 22 24	
	18	100	91.420	72	28	8	1.00	14 15 16 17 18 19 20 22 24	
	19	105	96.449	73	28	8	1.10	14 15 16 17 18 19 20 22 24 25 28 30	
	20	110	101.480	73	28	8	1.20	14 15 16 17 18 19 20 22 24 25 28 30	
	21	115	106.513	73	28	8	1.20	17 18 19 20 22 24 25 28 30	
	22	120	111.548	73	28	8	1.30	17 18 19 20 22 24 25 28 30	
	23	125	116.585	73	28	8	1.30	17 18 19 20 22 24 25 28 30	
	24	130	121.623	73	28	8	1.40	17 18 19 20 22 24 25 28 30	
	25	135	126.662	73	28	8	1.50	17 18 19 20 22 24 25 28 30	
	26	140	131.703	73	28	8	1.50	22 24 25 28 30	
	27	145	136.744	73	28	8	1.60	24 25 28 30	
	28	150	141.786	73	28	8	1.70	20 24 25 28 30	
	29	155	146.829	73	28	8	1.70	24 30	
	30	161	151.873	73	28	8	1.80	22 25 28 30	
	32	171	161.961	73	28	8	2.00	25	
	33	176	167.007	73	28	8	2.10	35 40	
	34	181	172.052	73	28	8	2.20	25 28 30	
	35	186	177.099	73	28	8	2.30	25 28 30	
	36	191	182.145	83	35	8	2.90	32 40	
	40	211	202.335	83	35	10	3.25	30 32 35 40 45 50	
	42	221	212.431	83	35	10	3.50	32 35 40 45 50	
	45	237	227.577	83	35	10	3.85	30 32 35 40 45 50	
	48	252	242.725	83	35	10	4.20	32 35 40 45 50	
	50	262	252.825	83	35	10	4.50	30 32 35 40 45 50	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



m Carbon Structural Steel
h High-frequency Hardened Teeth



ΦD^{H7} set screws with a □ symbol are set in places other than the keyway (left diagram).

Shaft Hole Machined Specification

ΦD ^{H7}	Keyway b × t ²	Set Screw M
14~17	5 × 2.3	6
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD ^{H7}	Set Screw M
10	24 25	6
11	24 25	6
12	24 25 28 30 32	6
13	24 25 28 30 32	6
14	35	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		29
10		34
11	6.4	39
12		44
13		49



ΦD ^{H7}	No. of Teeth
22 <u>24</u> ^{Note 1} <u>25</u> ^{Note 1}	9
22 24 25	10
22 24 25 28 30 32	11
22 24 25 28 30 32	12
22 24 25 28 30 32 35	13
22 24 25 28 30 32 35 38	14
22 24 25 28 30 32 35 38 40	15
25 28 30 32 35 38 40 42 <u>45</u>	16
25 28 30 32 35 38 40 42 45	17
32 35 38 40 42 45	18
32 35 38 40 42 45 50 ^{Note 1}	19
32 35 38 40 42 45	20
32 35 38 40 42 45	21
32 35 38 40 42 45	22
32 35 38 40 42 45	23
32 35 38 40 42 45	24
32 35 38 40 42 45	25
32 35 38 40 42 45	26
32 35 38 40 42 45	27
32 35 38 40 42 45	28
32 35 38 40 42 45	29
28 30 32 35 38 40 42 45	30
32 35 38 40 42 45	32
32 35 38 40 42 45	33
32 35 38 40 42 45	34
32 35 38 40 42 45	35
	36
	40
	42
	45
	48
	50

KANA**FBN50B Surface Treatment****● Order No. Example****FBN50B20D40**

TYPE

No. of Teeth

 ϕD^{H7} **BK
UC
CM**

Surface Treatment Type

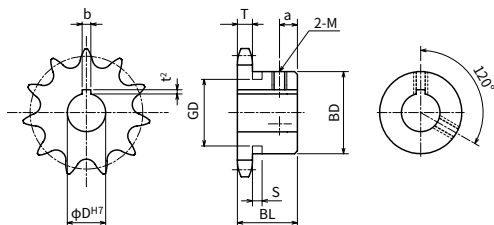
Surface Treatment

**BK** = Black Oxide Coating (Ferrosoferric Oxide Coating)**UC** = Trivalent UniChrome Plating (White)**CM** = Trivalent Chromate Plating (Yellow)**BK Type****UC Type****CM Type**

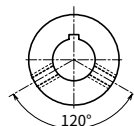
TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBN 50B	9	53	46.415	★34	25	5	0.20	15 16 17 18 19	
	10	58	51.373	★40	25	5	0.27	15 16 17 18 19 20	
	11	64	56.348	★45.5	25	5	0.33	15 16 17 18 19 20	
	12	69	61.336	★50	25	5	0.40	15 16 17 18 19 20	
	13	74	66.335	★51	25	5	0.46	14 15 16 17 18 19 20	
	14	79	71.342	52	25	7	0.52	14 15 16 17 18 19 20	
	15	84	76.355	57	25	7	0.60	14 15 16 17 18 19 20	
	16	89	81.373	62	25	7	0.70	14 15 16 17 18 19 20	
	17	94	86.395	67	25	7	0.83	14 15 16 17 18 19 20 22 24	
	18	100	91.420	72	28	8	1.00	14 15 16 17 18 19 20 22 24	
	19	105	96.449	73	28	8	1.10	14 15 16 17 18 19 20 22 24 25 28 30	
	20	110	101.480	73	28	8	1.20	14 15 16 17 18 19 20 22 24 25 28 30	
	21	115	106.513	73	28	8	1.20	17 18 19 20 22 24 25 28 30	
	22	120	111.548	73	28	8	1.30	17 18 19 20 22 24 25 28 30	
	23	125	116.585	73	28	8	1.30	17 18 19 20 22 24 25 28 30	
	24	130	121.623	73	28	8	1.40	17 18 19 20 22 24 25 28 30	
	25	135	126.662	73	28	8	1.50	17 18 19 20 22 24 25 28 30	
	26	140	131.703	73	28	8	1.50	22 24 25 28 30	
	27	145	136.744	73	28	8	1.60	24 25 28 30	
	28	150	141.786	73	28	8	1.70	20 24 25 28 30	
	29	155	146.829	73	28	8	1.70	24 30	
	30	161	151.873	73	28	8	1.80	22 25 28 30	
	32	171	161.961	73	28	8	2.00	25	
	33	176	167.007	73	28	8	2.10	35 40	
	34	181	172.052	73	28	8	2.20	25 28 30	
	35	186	177.099	73	28	8	2.30	25 28 30	
	36	191	182.145	83	35	8	2.90	32 40	
	40	211	202.335	83	35	10	3.25	30 32 35 40 45 50	
	42	221	212.431	83	35	10	3.50	32 35 40 45 50	
	45	237	227.577	83	35	10	3.85	30 32 35 40 45 50	
	48	252	242.725	83	35	10	4.20	32 35 40 45 50	
	50	262	252.825	83	35	10	4.50	30 32 35 40 45 50	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

- Chain **No.50**
- Chain Pitch **(P) 15.875 mm**
- Bushing Link Inner Width ... **(W) 9.53 mm**
- Roller Outside Diameter ... **(Dr) 10.16 mm**
- Tooth Width **(T) 8.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth



ϕD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
14~17	5×2.3	6
18~22	6×2.8	6
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ϕD^{H7}	Set Screw M
10	24 25	6
11	24 25	6
12	24 25 28 30 32	6
13	24 25 28 30 32	6
14	35	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		29
10		34
11	6.4	39
12		44
13		49



ϕD^{H7}	No. of Teeth
22 <u>24</u> ^{Note 1} <u>25</u> ^{Note 1}	9
22 24 25	10
22 24 25 28 30 32	11
22 24 25 28 30 32	12
22 24 25 28 30 32 35 ^{Note 1}	13
22 24 25 28 30 32 35 38 ^{Note 1}	14
22 24 25 28 30 32 35 38 40	15
25 28 30 32 35 38 40 42 <u>45</u>	16
25 28 30 32 35 38 40 42 45	17
32 35 38 40 42 45	18
32 35 38 40 42 45 50 ^{Note 1}	19
32 35 38 40 42 45	20
32 35 38 40 42 45	21
32 35 38 40 42 45	22
32 35 38 40 42 45	23
32 35 38 40 42 45	24
32 35 38 40 42 45	25
32 35 38 40 42 45	26
32 35 38 40 42 45	27
32 35 38 40 42 45	28
32 35 38 40 42 45	29
32 35 38 40 42 45	30
28 30 32 35 38 40 42 45	32
32 35 38 40 42 45	33
32 35 38 40 42 45	34
32 35 38 40 42 45	35
	36
	40
	42
	45
	48
	50

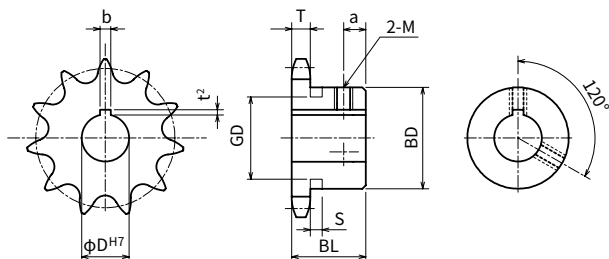
KANA

FBK50B

● Order No. Example FBK50B20D40

TYPE No. of Teeth ϕD^{H7}

- Chain No.50
- Chain Pitch (P) 15.875 mm
- Bushing Link Inner Width ... (W) 9.53 mm
- Roller Outside Diameter ... (Dr) 10.16 mm
- Tooth Width (T) 8.9 (Max.) mm



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
FBK 50B	9	53	46.415	★34	25	5	0.20	
	10	58	51.373	★40	25	5	0.27	
	11	64	56.348	★45.5	25	5	0.33	
	12	69	61.336	★50	25	5	0.40	
	13	74	66.335	★51	25	5	0.46	
	14	79	71.342	52	25	7	0.52	
	15	84	76.355	57	25	7	0.60	
	16	89	81.373	62	25	7	0.70	
	17	94	86.395	67	25	7	0.83	
	18	100	91.420	72	28	8	1.00	
	19	105	96.449	73	28	8	1.10	
	20	110	101.480	73	28	8	1.20	
	21	115	106.513	73	28	8	1.20	
	22	120	111.548	73	28	8	1.30	
	23	125	116.585	73	28	8	1.30	
	24	130	121.623	73	28	8	1.40	
	25	135	126.662	73	28	8	1.50	
	26	140	131.703	73	28	8	1.50	
	27	145	136.744	73	28	8	1.60	
	28	150	141.786	73	28	8	1.70	
	29	155	146.829	73	28	8	1.70	
	30	161	151.873	73	28	8	1.80	
	32	171	161.961	73	28	8	2.00	
	33	176	167.007	73	28	8	2.10	
	34	181	172.052	73	28	8	2.20	
	35	186	177.099	73	28	8	2.30	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

m Carbon Structural Steel
h High-frequency Hardened Teeth

ϕD^{H7}	No. of Teeth
17	9
15 20 25 ^{Note 1}	10
17 20 22 25	11
17 18 19 20 22 24 25 28 30	12
18 20 22 24 25 28 30 32	13
18 20 22 24 25 28 30 32 35 ^{Note 1}	14
15 20 22 24 25 28 30 32 35 38 ^{Note 1}	15
19 20 22 24 25 28 30 32 35 38 40	16
18 20 22 24 25 28 30 32 35 38 40	17
20 22 24 25 28 30 32 35 40	18
24 25 28 30 32 35 38 40	19
18 20 22 24 25 28 30 32 35 38 40 45 50 ^{Note 1}	20
24 25 28 30 32 35 38 40	21
22 25 28 30 35 40 45	22
24 25 28 30 32 35 40	23
22 25 28 30 35 38 40	24
24 25 28 30 32 35 38 40 45	25
25 28 30 35 40	26
30 40	27
25 28 30 35 40 42	28
30	29
28 30 35 40 45	30
25 30 35 40	32
35	33
30	34
25 30 35 40	35

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
14~20	5×2.0	6
22~30	7×3.0	8
32~40	10×3.5	8
42~50	12×3.5	10

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ϕD^{H7}	Set Screw M
10	25	6
11	22 25	6
12	22 24 25 28 30	6
13	22 24 25 28 30 32	6
14	35	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		29
10		34
11	6.4	39
12		44
13		49



KANA**FBK50B Surface Treatment**

● **Order No. Example**
FBK50B20D40

TYPE

No. of Teeth ϕD^{H7}

BK
UC
CM

Surface Treatment Type

Surface Treatment



BK = Black Oxide Coating (Ferrosoferric Oxide Coating)



UC = Trivalent UniChrome Plating (White)



CM = Trivalent Chromate Plating (Yellow)



BK Type



UC Type

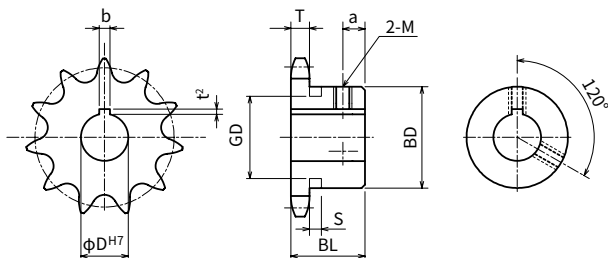


CM Type

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
FBK 50B	9	53	46.415	★34	25	5	0.20	
	10	58	51.373	★40	25	5	0.27	
	11	64	56.348	★45.5	25	5	0.33	
	12	69	61.336	★50	25	5	0.40	
	13	74	66.335	★51	25	5	0.46	
	14	79	71.342	52	25	7	0.52	
	15	84	76.355	57	25	7	0.60	
	16	89	81.373	62	25	7	0.70	
	17	94	86.395	67	25	7	0.83	
	18	100	91.420	72	28	8	1.00	
	19	105	96.449	73	28	8	1.10	
	20	110	101.480	73	28	8	1.20	
	21	115	106.513	73	28	8	1.20	
	22	120	111.548	73	28	8	1.30	
	23	125	116.585	73	28	8	1.30	
	24	130	121.623	73	28	8	1.40	
	25	135	126.662	73	28	8	1.50	
	26	140	131.703	73	28	8	1.50	
	27	145	136.744	73	28	8	1.60	
	28	150	141.786	73	28	8	1.70	
	29	155	146.829	73	28	8	1.70	
	30	161	151.873	73	28	8	1.80	
	32	171	161.961	73	28	8	2.00	
	33	176	167.007	73	28	8	2.10	
	34	181	172.052	73	28	8	2.20	
	35	186	177.099	73	28	8	2.30	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

- Chain **No.50**
- Chain Pitch **(P) 15.875 mm**
- Bushing Link Inner Width ... **(W) 9.53 mm**
- Roller Outside Diameter ... **(Dr) 10.16 mm**
- Tooth Width **(T) 8.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

ΦD^{H7}	No. of Teeth
17	9
15 20 25 ^{Note 1}	10
17 20 22 25	11
17 18 19 20 22 24 25 28 30	12
18 20 22 24 25 28 30 32	13
18 20 22 24 25 28 30 32 35 ^{Note 1}	14
15 20 22 24 25 28 30 32 35 38 ^{Note 1}	15
19 20 22 24 25 28 30 32 35 38 40	16
18 20 22 24 25 28 30 32 35 38 40	17
20 22 24 25 28 30 32 35 40	18
24 25 28 30 32 35 38 40	19
18 20 22 24 25 28 30 32 35 38 40 45 50 ^{Note 1}	20
24 25 28 30 32 35 38 40	21
22 25 28 30 35 40 45	22
24 25 28 30 32 35 40	23
22 25 28 30 35 38 40	24
24 25 28 30 32 35 38 40 45	25
25 28 30 35 40	26
30 40	27
25 28 30 35 40 42	28
30	29
28 30 35 40 45	30
25 30 35 40	32
35	33
30	34
25 30 35 40	35

Shaft Hole Machined Specification

ΦD^{H7}	Keyway $b \times t^2$	Set Screw M
14~20	5×2.0	6
22~30	7×3.0	8
32~40	10×3.5	8
42~50	12×3.5	10

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD^{H7}	Set Screw M
10	25	6
11	22 25	6
12	22 24 25 28 30	6
13	22 24 25 28 30 32	6
14	35	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		29
10		34
11	6.4	39
12		44
13		49



KANA

SUSFBN50B

● **Order No. Example**
SUSFBN 50B 20 D40

TYPE

No. of Teeth ϕD^{H7}

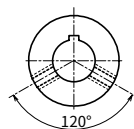
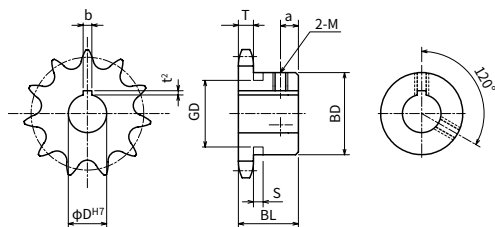
Chain No.50
 Chain Pitch (P) 15.875 mm
 Bushing Link Inner Width ... (W) 9.53 mm
 Roller Outside Diameter ... (Dr) 10.16 mm
 Tooth Width (T) 8.9 (Max.) mm



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
SUS FBN50B	10	58	51.373	★40	25	5	0.27	
	11	64	56.348	★45.5	25	5	0.33	
	12	69	61.336	★50	25	5	0.41	
	13	74	66.335	★51	25	5	0.46	
	14	79	71.342	52	25	7	0.52	
	15	84	76.355	57	25	7	0.62	
	16	89	81.373	62	25	7	0.72	
	17	94	86.395	67	25	7	0.83	
	18	100	91.420	72	28	8	1.00	
	19	105	96.449	73	28	8	1.10	
	20	110	101.480	73	28	8	1.20	
	21	115	106.513	73	28	8	1.20	
	22	120	111.548	73	28	8	1.30	
	23	125	116.585	73	28	8	1.30	
	24	130	121.623	73	28	8	1.40	
	25	135	126.662	73	28	8	1.50	
	26	140	131.703	73	28	8	1.50	
	27	145	136.744	73	28	8	1.70	
	28	150	141.786	73	28	8	1.70	
	30	161	151.873	73	28	8	1.80	
	32	171	161.961	73	28	8	2.10	
	34	181	172.052	73	28	8	2.20	
	35	186	177.099	73	28	8	2.30	
	36	191	182.145	83	35	8	2.90	
	40	211	202.335	83	35	10	3.30	

* Products with long screw holes may be counterbored.

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



ΦD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Stainless Steel **GB** 304

ΦD^{H7}	No. of Teeth
15 16 17 18 19 20 22 24 25 ^{Note 1}	10
15 16 17 18 19 20 22 24 25	11
15 16 17 18 19 20 22 24 25 28 30 32 ^{Note 1}	12
14 15 16 17 18 19 20 22 24 25 28 30 32	13
14 15 16 17 18 19 20 22 24 25 28 30 32 35 ^{Note 1}	14
14 15 16 17 18 19 20 22 24 25 28 30 32 35 38 ^{Note 1}	15
15 16 17 18 19 20 22 24 25 28 30 32 35 38 40	16
15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	17
15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	18
15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	19
15 16 17 18 19 20 22 24 25 28 30 32 35 38 40 42 45 50 ^{Note 1}	20
17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	21
17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	22
17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	23
17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	24
17 18 19 20 22 24 25 28 30 32 35 38 40 42 45	25
20 22 24 25 28 30 32 35 38 40 45	26
24 25 28 30 32 35 38 40 45	27
20 24 25 28 30 32 35 38 40 42 45	28
20 22 25 28 30 32 35 38 40 45	30
25 28 30 32 35 38 40 45	32
25 28 30 32 35 38 40 45	34
25 28 30 32 35 38 40 45	35
32 40	36
30 32 35 40 45 50	40

Shaft Hole Machined Specification

ΦD^{H7}	Keyway $b \times t^2$	Set Screw M
14~17	5×2.3	6
18~22	6×2.8	6
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD^{H7}	Set Screw M
10	24 25	6
11	24 25	6
12	24 25 28 30 32	6
13	24 25 28 30 32	6
14	35	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
10	6.4	34
11		39
12		44
13		49



KANA

FBN50SD Surface Treatment

● Order No. Example
FBN50SD20D40

TYPE No. of Teeth ϕD^{H7}

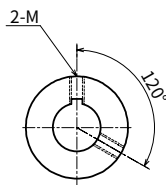
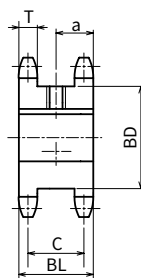
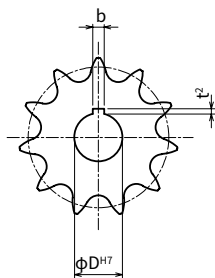
BK
UC
CM

Surface Treatment Type

Surface Treatment	BK	= Black Oxide Coating (Ferroferric Oxide Coating)
	UC	= Trivalent UniChrome Plating (White)
	CM	= Trivalent Chromate Plating (Yellow)



BK Type



- Chain **No.50**
- Chain Pitch **(P) 15.875 mm**
- Bushing Link Inner Width ... **(W) 9.53 mm**
- Roller Outside Diameter ... **(Dr) 10.16 mm**
- Tooth width **(T) 8.9 (Max.) mm**
(C) 31.1 (Min.) mm

- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	No. of Teeth
FBN 50SD	12	69	61.336	43	40	20	0.63	18 20 25	12
	13	74	66.335	48	40	20	0.75	20 25 28 30	13
	14	79	71.342	53	40	20	0.90	20 25 28 30	14
	15	84	76.355	58	40	20	1.04	20 25 28 30 35	15
	16	89	81.373	63	40	20	1.20	25 28 30 35 38 40	16
	17	94	86.395	68	40	20	1.40	25 28 30 35 40	17
	18	100	91.420	73	40	20	1.60	25 28 30 35 40	18
	19	105	96.449	79	40	20	1.80	25 28 30 35 40	19
	20	110	101.480	84	40	20	2.00	25 28 30 35 40	20
	21	115	106.513	89	40	20	2.27	28 30 35 40	21

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
18~22	6×2.8	6
24~30	8×3.3	8
32~38	10×3.3	8
40	12×3.3	8

KANA

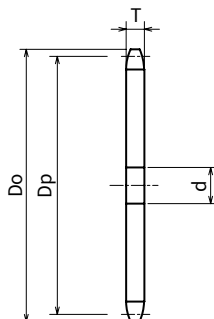
50A

● Order No. Example

50A 20

TYPE No. of Teeth

Chain	.....	No.50
Chain Pitch	(P)	15.875 mm
Bushing Link Inner Width	(W)	9.53 mm
Roller Outside Diameter	(Dr)	10.16 mm
Tooth Width	(T)	8.9 (Max.) mm



 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
50A10	58	51.373	10	11	0.14
50A11	64	56.348	12	13	0.17
50A12	69	61.336	12	13	0.20
50A13	74	66.335	12	13	0.23
50A14	79	71.342	12	13	0.27
50A15	84	76.355	12	13	0.30
50A16	89	81.373	14	15	0.35
50A17	94	86.395	14	15	0.40
50A18	100	91.420	14	15	0.45
50A19	105	96.449	14	15	0.48
50A20	110	101.480	14	15	0.50
50A21	115	106.513	14	15	0.60
50A22	120	111.548	16	17	0.66
50A23	125	116.585	16	17	0.70
50A24	130	121.623	16	17	0.78
50A25	135	126.662	16	17	0.85
50A26	140	131.703	16	17	0.90
50A27	145	136.744	16	17	1.00
50A28	150	141.786	16	17	1.05
50A29	155	146.829	16	17	1.10
50A30	161	151.873	16	17	1.20
50A31	166	156.917	16	17	1.30
50A32	171	161.961	16	17	1.35
50A33	176	167.007	16	17	1.45
50A34	181	172.052	16	17	1.55
50A35	186	177.099	16	17	1.65
50A36	191	182.145	19	20	1.75
50A37	196	187.192	19	20	1.85
50A38	201	192.239	19	20	1.95
50A39	206	197.287	19	20	2.00

 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
50A40	211	202.335	19	20	2.15
50A41	216	207.383	19	20	2.25
50A42	221	212.431	19	20	2.40
50A43	226	217.480	19	20	2.50
50A44	231	222.528	19	20	2.60
50A45	237	227.577	19	20	2.70
50A46	242	232.627	19	20	2.88
50A47	247	237.676	19	20	3.00
50A48	252	242.725	19	20	3.10
50A49	257	247.775	19	20	3.30
50A50	262	252.825	19	20	3.40
50A51	267	257.875	19	20	3.55
50A52	272	262.925	19	20	3.69
50A53	277	267.975	19	20	3.80
50A54	282	273.025	19	20	3.95
50A55	287	278.076	19	20	4.10
50A56	292	283.126	19	20	4.28
50A57	297	288.177	19	20	4.40
50A58	302	293.227	19	20	4.59
50A59	307	298.278	19	20	4.75
50A60	312	303.329	19	20	4.90
50A64	333	323.533	20	21	5.60
50A65	338	328.584	20	21	5.75
50A68	353	343.738	20	21	6.30
50A70	363	353.841	20	21	6.70
50A72	373	363.944	20	21	7.05
50A75	388	379.099	20	21	7.70
50A80	414	404.357	20	21	8.70
50A90	464	454.878	20	21	11.00

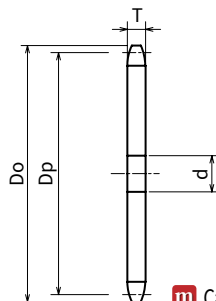
KANA

HG50A

● **Order No. Example**
HG50A 20H

TYPE No. of Teeth

■ Chain **No.50**
 ■ Chain Pitch **(P) 15.875 mm**
 ■ Bushing Link Inner Width ... **(W) 9.53 mm**
 ■ Roller Outside Diameter ... **(Dr) 10.16 mm**
 ■ Tooth Width **(T) 8.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG50A10H	58	51.373	10	11	0.14
HG50A11H	64	56.348	12	13	0.17
HG50A12H	69	61.336	12	13	0.20
HG50A13H	74	66.335	12	13	0.23
HG50A14H	79	71.342	12	13	0.27
HG50A15H	84	76.355	12	13	0.30
HG50A16H	89	81.373	14	15	0.35
HG50A17H	94	86.395	14	15	0.40
HG50A18H	100	91.420	14	15	0.45
HG50A19H	105	96.449	14	15	0.48
HG50A20H	110	101.480	14	15	0.50
HG50A21H	115	106.513	14	15	0.60
HG50A22H	120	111.548	16	17	0.66
HG50A23H	125	116.585	16	17	0.70
HG50A24H	130	121.623	16	17	0.78
HG50A25H	135	126.662	16	17	0.85
HG50A26H	140	131.703	16	17	0.90
HG50A27H	145	136.744	16	17	1.00
HG50A28H	150	141.786	16	17	1.05
HG50A29H	155	146.829	16	17	1.10

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG50A30H	161	151.873	16	17	1.20
HG50A32H	171	161.961	16	17	1.35
HG50A34H	181	172.052	16	17	1.55
HG50A35H	186	177.099	16	17	1.65
HG50A36H	191	182.145	19	20	1.75
HG50A38H	201	192.239	19	20	1.95
HG50A40H	211	202.335	19	20	2.15
HG50A42H	221	212.431	19	20	2.40
HG50A44H	231	222.528	19	20	2.60
HG50A45H	237	227.577	19	20	2.70
HG50A46H	242	232.627	19	20	2.88
HG50A48H	252	242.725	19	20	3.10
HG50A50H	262	252.825	19	20	3.40
HG50A52H	272	262.925	19	20	3.69
HG50A54H	282	273.025	19	20	3.95
HG50A55H	287	278.076	19	20	4.10
HG50A60H	312	303.329	19	20	4.90
HG50A65H	338	328.584	20	21	5.75
HG50A70H	363	353.841	20	21	6.70
HG50A75H	388	379.099	20	21	7.70

KANA

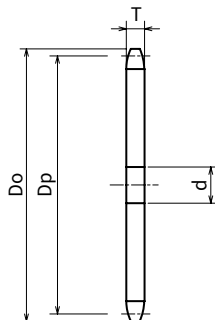
SUS50A

● **Order No. Example**
SUS50A 20

TYPE No. of Teeth



Chain	.....	No.50
Chain Pitch	(P)	15.875 mm
Bushing Link Inner Width	(W)	9.53 mm
Roller Outside Diameter	(Dr)	10.16 mm
Tooth Width	(T)	8.9 (Max.) mm



m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
SUS50A10	58	51.373	10	11	0.14
SUS50A11	64	56.348	12	13	0.17
SUS50A12	69	61.336	12	13	0.20
SUS50A13	74	66.335	12	13	0.20
SUS50A14	79	71.342	12	13	0.27
SUS50A15	84	76.355	12	13	0.30
SUS50A16	89	81.373	14	15	0.35
SUS50A17	94	86.395	14	15	0.40
SUS50A18	100	91.420	14	15	0.45
SUS50A19	105	96.449	14	15	0.48
SUS50A20	110	101.480	14	15	0.60
SUS50A21	115	106.513	14	15	0.60
SUS50A22	120	111.548	16	17	0.70
SUS50A23	125	116.585	16	17	0.72
SUS50A24	130	121.623	16	17	0.78

 Stainless Steel  304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
SUS50A25	135	126.662	16	17	0.85
SUS50A26	140	131.703	16	17	0.90
SUS50A27	145	136.744	16	17	1.00
SUS50A28	150	141.786	16	17	1.05
SUS50A29	155	146.829	16	17	1.20
SUS50A30	161	151.873	16	17	1.20
SUS50A31	166	156.917	16	17	1.30
SUS50A32	171	161.961	16	17	1.40
SUS50A33	176	167.007	16	17	1.50
SUS50A34	181	172.052	16	17	1.60
SUS50A35	186	177.099	16	17	1.65
SUS50A36	191	182.145	19	20	1.75
SUS50A37	196	187.192	19	20	1.90
SUS50A38	201	192.239	19	20	2.00
SUS50A39	206	197.287	19	20	2.10
SUS50A40	211	202.335	19	20	2.20

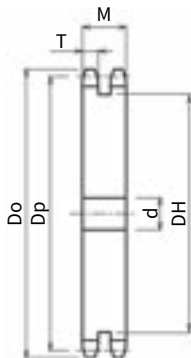
KANA

HG50-2A

● **Order No. Example**
HG50-2A 35H

TYPE No. of Teeth

- Chain **No.50-2**
- Chain Pitch **(P) 15.875 mm**
- Bushing Link Inner Width ... **(W) 9.53 mm**
- Roller Outside Diameter ... **(Dr) 10.16 mm**
- Tooth Width **(T) 8.7 (Max.) mm**
- Total Tooth Width **(M) 26.8(Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Intermediate Boss DH	Weight (kg)
				Pilot hole	Minimum		
HG50-2A26H	26	140	131.703	18	19	114	2.50
HG50-2A27H	27	145	136.744	18	19	119	2.70
HG50-2A28H	28	150	141.786	18	19	124	2.90
HG50-2A30H	30	161	151.873	18	19	134	3.30
HG50-2A32H	32	171	161.961	18	19	145	3.80
HG50-2A34H	34	181	172.052	18	19	155	4.30
HG50-2A35H	35	186	177.099	18	19	160	4.60
HG50-2A36H	36	191	182.145	18	19	165	4.90
HG50-2A38H	38	201	192.239	18	19	175	5.50
HG50-2A40H	40	211	202.335	23	24	185	6.20
HG50-2A42H	42	221	212.431	23	24	195	6.90
HG50-2A45H	45	237	227.577	23	24	210	7.90
HG50-2A48H	48	252	242.725	23	24	226	8.90
HG50-2A50H	50	262	252.825	23	24	236	9.70
HG50-2A54H	54	282	273.025	23	24	256	11.60
HG50-2A60H	60	312	303.329	23	24	286	14.30

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

NK50B

● Order No. Example

NK50B 20

TYPE No. of Teeth

- ChainNo.50
- Chain Pitch(P) 15.875 mm
- Bushing Link Inner Width ... (W) 9.53 mm
- Roller Outside Diameter ... (Dr) 10.16 mm
- Tooth Width(T) 8.9 (Max.) mm

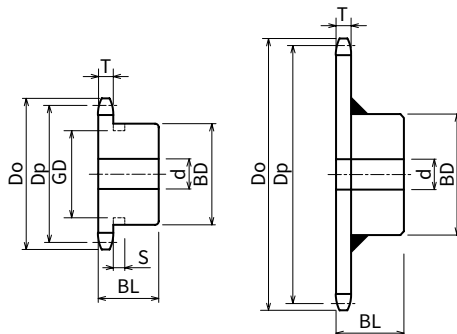


Ground Specification



Welded Specification

	Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
				Pilot hole	Minimum	Maximum					
Couplings	NK50B8	48	41.483	10	11	13.5	★30	25	Ground Specification	h m Carbon Structural Steel High-frequency Hardened Teeth	0.20
	NK50B9	53	46.415	10	11	18	★34	25			0.20
	NK50B10	58	51.373	10	11	22	★40	25			0.27
	NK50B11	64	56.348	12	13	28	★45.5	25			0.33
	NK50B12	69	61.336	12	13	30	★50	25			0.40
KanaLock	NK50B13	74	66.335	12	13	32	★51	25			0.46
	NK50B14	79	71.342	12	13	32	52	25			0.52
	NK50B15	84	76.355	12	13	35	57	25			0.60
	NK50B16	89	81.373	14	15	40	62	25			0.70
	NK50B17	94	86.395	14	15	45	67	25			0.83
Shaft Collars	NK50B18	100	91.420	14	15	48	72	28			1.00
	NK50B19	105	96.449	14	15	48	73	28			1.10
	NK50B20	110	101.480	14	15	48	73	28			1.20
	NK50B21	115	106.513	14	15	48	73	28			1.20
	NK50B22	120	111.548	16	17	48	73	28			1.30
Timing Pulleys/Flanges	NK50B23	125	116.585	16	17	48	73	28			1.30
	NK50B24	130	121.623	16	17	48	73	28			1.40
	NK50B25	135	126.662	16	17	48	73	28			1.50
	NK50B26	140	131.703	16	17	48	73	28			1.50
	NK50B27	145	136.744	16	17	48	73	28			1.60
Gears	NK50B28	150	141.786	16	17	48	73	28			1.70
	NK50B29	155	146.829	16	17	48	73	28			1.70
	NK50B30	161	151.873	16	17	48	73	28			1.80
	NK50B31	166	156.917	16	17	48	73	28			1.85
	NK50B32	171	161.961	16	17	48	73	28			2.00
	NK50B33	176	167.007	16	17	48	73	28			2.10
	NK50B34	181	172.052	16	17	48	73	28			2.20
	NK50B35	186	177.099	16	17	48	73	28			2.30
	NK50B36	191	182.145	19	20	55	83	35			2.90
	NK50B37	196	187.192	19	20	55	83	35			2.95
	NK50B38	201	192.239	19	20	55	83	35			3.05
	NK50B39	206	197.287	19	20	55	83	35			3.15
	NK50B40	211	202.335	19	20	55	83	35			3.25



Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK50B41	216	207.383	19	20	55	83	35	Ground Specification	 Carbon Structural Steel  High-frequency Hardened Teeth	3.40
NK50B42	221	212.431	19	20	55	83	35			3.50
NK50B43	226	217.480	19	20	55	83	35			3.60
NK50B44	231	222.528	19	20	55	83	35			3.70
NK50B45	237	227.577	19	20	55	83	35			3.85
NK50B46	242	232.627	19	20	55	83	35			3.96
NK50B47	247	237.676	19	20	55	83	35			4.09
NK50B48	252	242.725	19	20	55	83	35			4.20
NK50B49	257	247.775	19	20	55	83	35			4.35
NK50B50	262	252.825	19	20	55	83	35			4.50
NK50B51	267	257.875	19	20	55	83	35			4.62
NK50B52	272	262.925	19	20	55	83	35			4.76
NK50B53	277	267.975	19	20	55	83	35			4.91
NK50B54	282	273.025	19	20	55	83	35			5.05
NK50B55	287	278.076	19	20	55	83	35			5.20
NK50B56	292	283.126	19	20	55	83	35	Welded Specification	 Common Steel	5.40
NK50B57	297	288.177	19	20	55	83	35			5.51
NK50B58	302	293.227	19	20	55	83	35			5.67
NK50B60	312	303.329	19	20	55	83	35			6.00
NK50B65	338	328.584	20	21	63	93	40			7.50
NK50B68	353	343.738	20	21	63	93	40			8.00
NK50B70	363	353.841	20	21	63	93	40			8.30
NK50B75	388	379.099	20	21	63	93	40			9.35
NK50B80	414	404.357	20	21	66	98	45			10.90
NK50B85	439	429.617	20	21	66	98	45			12.00
NK50B90	464	454.878	20	21	66	98	45			13.20

Sprockets with a ★ symbol for BD have a channel in the boss exterior.



No. of Teeth	S	GD
8	6.4	22
9		29
10		34
11		39
12		44
13		49

KANA

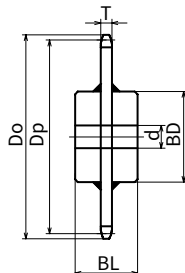
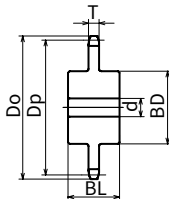
NK50C

● Order No. Example

NK50C 20

TYPE No. of Teeth

- ChainNo.50
- Chain Pitch(P) 15.875mm
- Bushing Link Inner Width ... (W) 9.53 mm
- Roller Outside Diameter ... (Dr) 10.16 mm
- Tooth Width(T) 8.9 (Max.) mm



Ground Specification

Welded Specification

Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK50C10	58	51.373	10	11	16	33	40	Ground Specification	h m Carbon Structural Steel High-frequency Hardened Teeth	0.30
NK50C11	64	56.348	12	13	22	38	40			0.40
NK50C12	69	61.336	12	13	24	43	40			0.50
NK50C13	74	66.335	12	13	24	48	40			0.70
NK50C14	79	71.342	12	13	28	53	40			0.80
NK50C15	84	76.355	12	13	32	58	40			1.00
NK50C16	89	81.373	14	15	35	63	40			1.10
NK50C17	94	86.395	14	15	39	68	40			1.30
NK50C18	100	91.420	14	15	45	73	40			1.40
NK50C19	105	96.449	14	15	45	78	40			1.60
NK50C20	110	101.480	14	15	50	80	40			1.70
NK50C21	115	106.513	14	15	50	85	40			2.00
NK50C22	120	111.548	16	17	50	90	40			2.20
NK50C23	125	116.585	16	17	50	95	40			2.40
NK50C24	130	121.623	16	17	50	100	40			2.70
NK50C25	135	126.662	16	17	50	100	40			2.70
NK50C26	140	131.703	16	17	50	100	40			2.80
NK50C27	145	136.744	16	17	50	100	40			2.90
NK50C28	150	141.786	16	17	50	100	40			2.90
NK50C30	161	151.873	16	17	50	100	40			3.10
NK50C32	171	161.961	16	17	50	120	40			4.10
NK50C34	181	172.052	16	17	50	120	40			4.30
NK50C35	186	177.099	16	17	50	120	40			4.40
NK50C36	191	182.145	19	20	50	83	50	Welded Specification	h m Carbon Structural Steel	3.40
NK50C38	201	192.239	19	20	50	83	50			3.60
NK50C40	211	202.335	19	20	50	83	50			3.80
NK50C42	221	212.431	19	20	50	83	50			4.10
NK50C45	237	227.577	19	20	50	83	50			4.40
NK50C48	252	242.725	19	20	50	83	50			4.80
NK50C50	262	252.825	19	20	50	83	50			5.10
NK50C54	282	273.025	19	20	50	83	50			5.60
NK50C60	312	303.329	19	20	60	93	60			7.50
NK50C65	338	328.584	20	21	60	93	60			8.40
NK50C70	363	353.841	20	21	60	93	60			9.30
NK50C75	388	379.099	20	21	60	93	60			10.30

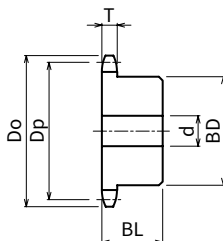
● Order No. Example

K50B 20

TYPE No. of Teeth



- Chain No.50
- Chain Pitch (P) 15.875 mm
- Bushing Link Inner Width ... (W) 9.53 mm
- Roller Outside Diameter ... (Dr) 10.16 mm
- Tooth Width (T) 8.9 (Max.) mm



- m Carbon Structural Steel
- h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
K50B10	58	51.373	10	11	20	35	25	Ground Specification	0.30
K50B11	64	56.348	12	13	20	37	25		0.30
K50B12	69	61.336	12	13	25	43	25		0.40
K50B13	74	66.335	12	13	28	48	30		0.50
K50B14	79	71.342	12	13	32	53	30		0.60
K50B15	84	76.355	12	13	35	58	30		0.70
K50B16	89	81.373	14	15	42	63	30		0.90
K50B17	94	86.395	14	15	45	65	40		1.20
K50B18	100	91.420	14	15	45	65	40		1.20
K50B19	105	96.449	14	15	45	65	40		1.30
K50B20	110	101.480	14	15	46	70	45		1.60
K50B21	115	106.513	14	15	46	70	45		1.70
K50B22	120	111.548	16	17	46	70	45		1.70
K50B23	125	116.585	16	17	46	70	45		1.80
K50B24	130	121.623	16	17	46	70	45		1.80
K50B25	135	126.662	16	17	46	70	45		1.90
K50B26	140	131.703	16	17	46	70	45		2.00
K50B27	145	136.744	16	17	46	70	45		2.00
K50B28	150	141.786	16	17	46	70	45		2.10
K50B29	155	146.829	16	17	46	70	45		2.20
K50B30	161	151.873	16	17	46	70	45		2.30
K50B31	166	156.917	16	17	46	70	45		2.40
K50B32	171	161.961	16	17	46	70	45		2.40
K50B33	176	167.007	16	17	46	70	45		2.50
K50B34	181	172.052	16	17	46	70	45		2.60
K50B35	186	177.099	16	17	46	70	45		2.70

KANA

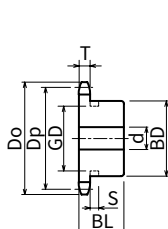
SUS50B

Order No. Example

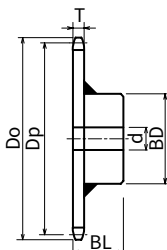
SUS50B 20

TYPE No. of Teeth

- Chain No.50
- Chain Pitch (P) 15.875mm
- Bushing Link Inner Width (W) 9.53 mm
- Roller Outside Diameter (Dr) 10.16 mm
- Tooth Width (T) 8.9 (Max.) mm



Ground Specification



Welded Specification



Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
10	6.4	34
11		39
12		44
13		49

m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS50B10	58	51.373	10	11	22	★40	25	Ground Specification	0.27
SUS50B11	64	56.348	12	13	28	★45.5	25		0.33
SUS50B12	69	61.336	12	13	30	★50	25		0.41
SUS50B13	74	66.335	12	13	32	★51	25		0.46
SUS50B14	79	71.342	12	13	32	52	25		0.52
SUS50B15	84	76.355	12	13	35	57	25		0.62
SUS50B16	89	81.373	14	15	40	62	25		0.72
SUS50B17	94	86.395	14	15	45	67	25		0.83
SUS50B18	100	91.420	14	15	48	72	28		1.00
SUS50B19	105	96.449	14	15	48	73	28		1.10
SUS50B20	110	101.480	14	15	48	73	28		1.20
SUS50B21	115	106.513	14	15	48	73	28		1.20
SUS50B22	120	111.548	16	17	48	73	28		1.30
SUS50B23	125	116.585	16	17	48	73	28		1.30
SUS50B24	130	121.623	16	17	48	73	28		1.40
SUS50B25	135	126.662	16	17	48	73	28		1.50
SUS50B26	140	131.703	16	17	48	73	28		1.50
SUS50B27	145	136.744	16	17	48	73	28		1.70
SUS50B28	150	141.786	16	17	48	73	28		1.70
SUS50B30	161	151.873	16	17	48	73	28		1.80
SUS50B32	171	161.961	16	17	48	73	28	Welded Specification	2.10
SUS50B34	181	172.052	16	17	48	73	28		2.20
SUS50B35	186	177.099	16	17	48	73	28		2.30
SUS50B36	191	182.145	19	20	55	83	35		2.90
SUS50B38	201	192.239	19	20	55	83	35		3.10
SUS50B40	211	202.335	19	20	55	83	35		3.30
SUS50B45	237	227.577	19	20	55	83	35		3.90
SUS50B48	252	242.725	19	20	55	83	35		4.30

* Because no. of teeth 36-40 are shifting from welded to ground specification, inventory is mixed.

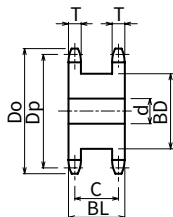
● Order No. Example

50SD 20

TYPE No. of Teeth



Chain	.....	No.50
Chain Pitch	.....	(P) 15.875 mm
Bushing Link Inner Width	.....	(W) 9.53 mm
Roller Outside Diameter	.....	(Dr) 10.16 mm
Tooth Width	.....	(T) 8.9 (Max.) mm
		(C) 31.1 (Min.) mm



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
			Pilot hole	Minimum	Maximum			
50SD10	58	51.373	13	14	18	32	40	0.40
50SD11	64	56.348	13	14	20	37	40	0.50
50SD12	69	61.336	13	14	25	43	40	0.63
50SD13	74	66.335	13	14	28	48	40	0.75
50SD14	79	71.342	13	14	32	53	40	0.90
50SD15	84	76.355	13	14	35	58	40	1.04
50SD16	89	81.373	13	14	42	63	40	1.20
50SD17	94	86.395	13	14	45	68	40	1.40
50SD18	100	91.420	13	14	48	73	40	1.60
50SD19	105	96.449	16	17	52	79	40	1.80
50SD20	110	101.480	16	17	57	84	40	2.00
50SD21	115	106.513	16	17	60	89	40	2.27
50SD22	120	111.548	16	17	62	92	40	2.46
50SD23	125	116.585	16	17	68	99	40	2.70
50SD24	130	121.623	16	17	70	102	40	2.98
50SD25	135	126.662	16	17	75	109	40	3.30
50SD26	140	131.703	18	19	78	115	40	3.60
50SD27	145	136.744	18	19	82	120	40	3.90
50SD28	150	141.786	18	19	85	125	40	4.30
50SD29	155	146.829	18	19	90	130	40	4.60
50SD30	161	151.873	18	19	96	136	40	5.00

KANA

NK50-2B

● Order No. Example

NK50-2B 20

TYPE No. of Teeth

Chain	.....	No.50-2
Chain Pitch	.....	(P) 15.875 mm
Bushing Link Inner Width	····	(W) 9.53 mm
Roller Outside Diameter	····	(Dr)10.16 mm
Tooth Width	.....	(T) 8.7 (Max.) mm
Total Tooth Width	.....	(M) 26.8 (Max.) mm

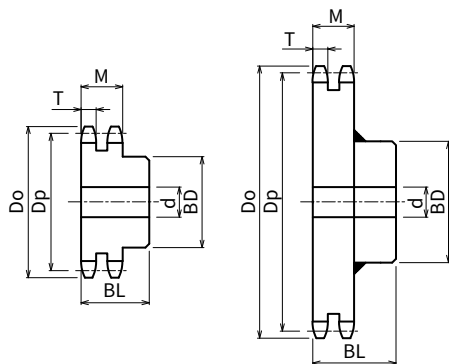


Ground Specification



Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK50-2B10	58	51.373	13	14	20	35	40	Ground Specification	 Carbon Structural Steel High-frequency Hardened Teeth	0.40
NK50-2B11	64	56.348	13	14	22	40	40			0.50
NK50-2B12	69	61.336	13	14	25	42	40			0.60
NK50-2B13	74	66.335	13	14	30	49	40			0.80
NK50-2B14	79	71.342	13	14	32	54	40			0.90
NK50-2B15	84	76.355	13	14	38	59	40			1.10
NK50-2B16	89	81.373	13	14	42	64	45			1.30
NK50-2B17	94	86.395	13	14	45	68	45			1.50
NK50-2B18	100	91.420	13	14	48	74	45			1.80
NK50-2B19	105	96.449	16	17	55	79	45			2.00
NK50-2B20	110	101.480	16	17	57	84	45			2.20
NK50-2B21	115	106.513	16	17	60	89	45			2.50
NK50-2B22	120	111.548	16	17	63	94	50			3.00
NK50-2B23	125	116.585	16	17	66	99	50			3.30
NK50-2B24	130	121.623	16	17	70	105	50			3.70
NK50-2B25	135	126.662	16	17	70	105	50			3.90
NK50-2B26	140	131.703	18	19	70	105	50			4.10
NK50-2B27	145	136.744	18	19	70	105	50			4.30
NK50-2B28	150	141.786	18	19	75	110	50			4.70
NK50-2B29	155	146.829	18	19	75	110	50			4.90
NK50-2B30	161	151.873	18	19	80	120	50			5.50



Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK50-2B31	166	156.917	18	19	80	120	50	Ground Specification	  Carbon Structural Steel High-frequency Hardened Teeth	5.60
NK50-2B32	171	161.961	18	19	80	120	50			6.00
NK50-2B33	176	167.007	18	19	80	120	50			6.20
NK50-2B34	181	172.052	18	19	80	120	50			6.50
NK50-2B35	186	177.099	18	19	80	117	50			6.70
NK50-2B36	191	182.145	18	19	80	117	50			7.00
NK50-2B38	201	192.239	18	19	80	117	50			7.50
NK50-2B40	211	202.335	23	24	80	117	56			8.60
NK50-2B42	221	212.431	23	24	66	98	56			8.50
NK50-2B45	237	227.577	23	24	66	98	56			9.60
NK50-2B48	252	242.725	23	24	66	98	56	Welded Specification	 Common Steel	10.70
NK50-2B50	262	252.825	23	24	66	98	56			11.50
NK50-2B54	282	273.025	23	24	66	98	63			13.60
NK50-2B60	312	303.329	23	24	66	98	63			16.40
NK50-2B65	338	328.584	23	24	66	98	63			19.00
NK50-2B70	363	353.841	23	24	66	98	63			21.70

KANA

FBN60B

● Order No. Example

FBN60B20D40

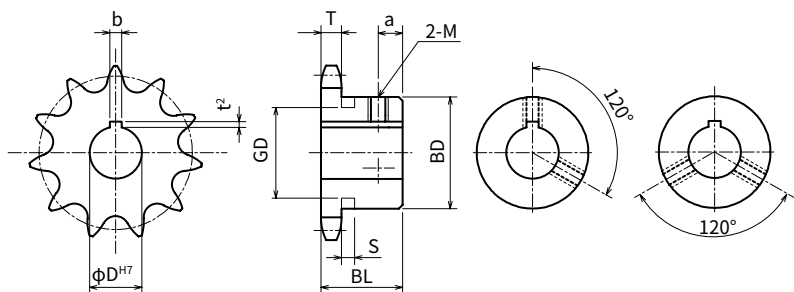
TYPE No. of Teeth ϕD^{H7}

- Chain **No.60**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBN 60B	9	64	55.698	★43	32	6	0.40	19 20 22 <u>24</u>	
	10	70	61.647	★49	32	6	0.49	19 20 22	
	11	76	67.617	★51	32	6	0.60	19 20 22	
	12	83	73.604	51	32	8	0.69	18 19 20 22	
	13	89	79.602	57	32	8	0.81	19 20 22 24 25 28 30	
	14	95	85.610	62	32	8	0.96	17 19 20 22 24 25 28 30	
	15	101	91.625	68	32	8	1.10	18 19 20 22 24 25 28 30	
	16	107	97.647	73	32	8	1.30	19 20 22 24 25 28 30 32	
	17	113	103.674	73	32	8	1.40	19 20 22 24 25 28 30	
	18	119	109.705	83	40	12	2.00	19 20 22 24 25 28 30 32	
	19	126	115.739	83	40	12	2.10	19 20 22 24 25 28 30	
	20	132	121.776	83	40	12	2.20	19 20 22 24 25 28 30 32 35	
	21	138	127.816	83	40	12	2.30	20 22 24 25 28 30 32 35	
	22	144	133.858	83	40	12	2.50	20 22 24 25 28 30 32 35	
	23	150	139.902	83	40	12	2.50	20 22 24 25 28	
	24	156	145.948	83	40	12	2.60	20 22 24 25 28 30 32 35	
	25	162	151.995	83	40	12	2.70	20 22 24 25 28 30 32 35	
	26	168	158.043	83	40	12	2.90	20 22 24 25 28 30	
	27	174	164.093	83	40	12	3.00	22 24 25 28 30 32 35	
	28	180	170.143	83	40	12	3.30	22 24 25 28 30 32 35	
	29	187	176.195	83	40	12	3.40	35	
	30	193	182.247	83	40	12	3.60	22 24 25 28 30 32 35	
	31	199	188.300	83	40	12	3.64	40	
	32	205	194.354	83	40	12	3.80	30 32 35 38 40	
	33	211	200.408	83	40	12	4.00	35	
	34	217	206.463	83	40	12	4.15	40 50	
	35	223	212.518	83	40	12	4.33	30 32 35 40	
	36	229	218.574	83	40	12	4.52	40 50	
	38	241	230.687	83	40	12	4.90	32 35 40	
	40	253	242.802	83	40	12	5.30	32 35 40	
	45	284	273.093	93	45	12	7.10	32 35 40	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



ϕD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
17	5×2.3	6
18~22	6×2.8	6
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ϕD^{H7}	Set Screw M
12	35	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9	8.0	32
10		37
11		45



ϕD^{H7}	No. of Teeth
24 25 28 30	9
24 25 28 30 32	10
24 25 28 30 32 35	11
32 35 38 40	12
32 35 38 40 42 45	13
35 38 40 42 45 48 50	14
32 35 38 40 42 45 48 50	15
35 38 40 42 45 48 50 55	16
32 35 38 40 42 45 48 50 55	17
38 40 42 45 48 50 55	18
38 40 42 45 48 50 55	19
38 40 42 45 48 50 55	20
38 40 42 45 48 50 55	21
30 32 35 38 40 42 45 48 50 55	22
38 40 42 45 48 50 55	23
38 40 42 45 48 50 55	24
32 35 38 40 42 45 48 50 55	25
38 40 42 45 48 50	26
38 40 42 45 48 50	27
38 40 42 45 48 50	28
38 40 42 45 48 50 55	29
45 50 55	30
45 50 55	31
45 50 55	32
45 50 55	33
45 50 55	34
45 50 55	35
45 50 55	36
45 50 55	38
45 50 55	40
45 50 55	45

KANA**FBN60B Surface Treatment**● **Order No. Example****FBN60B20D40**

TYPE

No. of Teeth

 ϕD^{H7} **BK**
UC
CM

Surface Treatment Type

Surface Treatment

**BK**

= Black Oxide Coating (Ferrosoferric Oxide Coating)

**UC**

= Trivalent UniChrome Plating (White)

**CM**

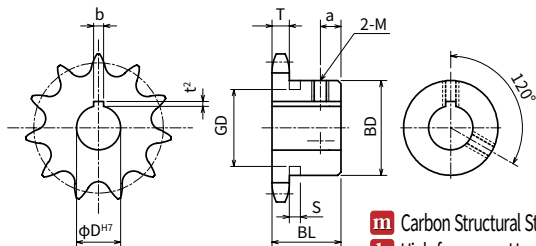
= Trivalent Chromate Plating (Yellow)

**BK Type****UC Type****CM Type**

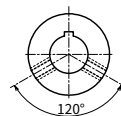
TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBN60B	9	64	55.698	★43	32	6	0.40	19 20 22 <u>24</u>	
	10	70	61.647	★49	32	6	0.49	19 20 22	
	11	76	67.617	★51	32	6	0.60	19 20 22	
	12	83	73.604	51	32	8	0.69	18 19 20 22	
	13	89	79.602	57	32	8	0.81	19 20 22 24 25 28 30	
	14	95	85.610	62	32	8	0.96	17 19 20 22 24 25 28 30	
	15	101	91.625	68	32	8	1.10	18 19 20 22 24 25 28 30	
	16	107	97.647	73	32	8	1.30	19 20 22 24 25 28 30 32	
	17	113	103.674	73	32	8	1.40	19 20 22 24 25 28 30	
	18	119	109.705	83	40	12	2.00	19 20 22 24 25 28 30 32	
	19	126	115.739	83	40	12	2.10	19 20 22 24 25 28 30	
	20	132	121.776	83	40	12	2.20	19 20 22 24 25 28 30 32 35	
	21	138	127.816	83	40	12	2.30	20 22 24 25 28 30 32 35	
	22	144	133.858	83	40	12	2.50	20 22 24 25 28 30 32 35	
	23	150	139.902	83	40	12	2.50	20 22 24 25 28	
	24	156	145.948	83	40	12	2.60	20 22 24 25 28 30 32 35	
	25	162	151.995	83	40	12	2.70	20 22 24 25 28 30 32 35	
	26	168	158.043	83	40	12	2.90	20 22 24 25 28 30	
	27	174	164.093	83	40	12	3.00	22 24 25 28 30 32 35	
	28	180	170.143	83	40	12	3.30	22 24 25 28 30 32 35	
	29	187	176.195	83	40	12	3.40	35	
	30	193	182.247	83	40	12	3.60	22 24 25 28 30 32 35	
	31	199	188.300	83	40	12	3.64	40	
	32	205	194.354	83	40	12	3.80	30 32 35 38 40	
	33	211	200.408	83	40	12	4.00	35	
	34	217	206.463	83	40	12	4.15	40 50	
	35	223	212.518	83	40	12	4.33	30 32 35 40	
	36	229	218.574	83	40	12	4.52	40 50	
	38	241	230.687	83	40	12	4.90	32 35 40	
	40	253	242.802	83	40	12	5.30	32 35 40	
	45	284	273.093	93	45	12	7.10	32 35 40	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

- Chain **No.60**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth



ΦD^{H7} set screws with a □ symbol are set in places other than the keyway (left diagram).

Shaft Hole Machined Specification

ΦD ^{H7}	Keyway b × t ²	Set Screw M
17	5 × 2.3	6
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10
55	16 × 4.3	12

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD ^{H7}	Set Screw M
12	35	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9		32
10	8.0	37
11		45



ΦD ^{H7}	No. of Teeth
24 25 28 30	9
24 25 28 30 32	10
24 25 28 30 32 35	11
32 35 38 40	12
32 35 38 40 42 45	13
35 38 40 42 45 48 50	14
32 35 38 40 42 45 48 50	15
35 38 40 42 45 48 50 55	16
32 35 38 40 42 45 48 50 55	17
35 38 40 42 45 48 50 55	18
32 35 38 40 42 45 48 50 55	19
38 40 42 45 48 50 55	20
38 40 42 45 48 50 55	21
38 40 42 45 48 50 55	22
30 32 35 38 40 42 45 48 50 55	23
38 40 42 45 48 50 55	24
38 40 42 45 48 50 55	25
32 35 38 40 42 45 48 50 55	26
38 40 42 45 48 50	27
38 40 42 45 48 50	28
38 40 42 45 48 50 55	29
38 40 42 45 48 50 55	30
45 50 55	31
45 50 55	32
45 50 55	33
45 50 55	34
45 50 55	35
45 50 55	36
45 50 55	38
45 50 55	40
45 50 55	45

KANA

FBK60B

● Order No. Example

FBK60B20D40

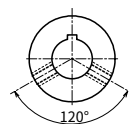
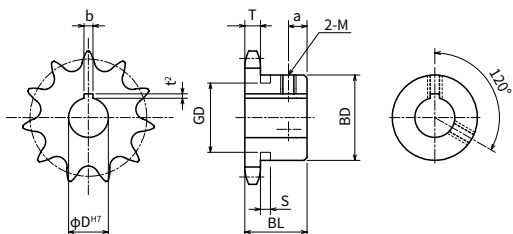
TYPE No. of Teeth ϕD^{H7}

- Chain **No.60**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBK60B	10	70	61.647	★49	32	6	0.49	25	
	11	76	67.617	★51	32	6	0.60	25 28 30	
	12	83	73.604	51	32	8	0.69	24 25 28 30 32 35 ^{Note 1}	
	13	89	79.602	57	32	8	0.81	25 28 30 32 35 38 ^{Note 1} 40 ^{Note 1}	
	14	95	85.610	62	32	8	0.96	20 25 28 30	
	15	101	91.625	68	32	8	1.10	18 24 25 28 30	
	16	107	97.647	73	32	8	1.30	24 25 28 30	
	17	113	103.674	73	32	8	1.40	25 28 30 32 35 38 40 45 50	
	18	119	109.705	83	40	12	2.00	25 28 30 32 35	
	19	126	115.739	83	40	12	2.10	25 28 30	
	20	132	121.776	83	40	12	2.20	25 28 30 32 35 38 40	
	21	138	127.816	83	40	12	2.30	25 28 30 32 35 38 40	
	22	144	133.858	83	40	12	2.50	28 30 35 40	
	23	150	139.902	83	40	12	2.50	28 30 35 40	
	24	156	145.948	83	40	12	2.60	25 30 35 38 40	
	25	162	151.995	83	40	12	2.70	28 30 35 40 45 50	
	26	168	158.043	83	40	12	2.90	30 35 40 45 50 55	
	27	174	164.093	83	40	12	3.00	30 35 40 45	
	28	180	170.143	83	40	12	3.30	30 35 40 45 50	
	30	193	182.247	83	40	12	3.60	35 40 45 50	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



ϕD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel
h High-frequency Hardened Teeth

ϕD^{H7}	No. of Teeth
	10
	11
	12
	13
	14
32 35 38 40	14
32 35 38 40 45	15
32 35 38 40 45 48 50 ^{Note 1}	16
	17
38 40 45 50	18
32 35 38 40 45 50	19
45 50 $\square$	20
45 50	21
45 50 $\square$	22
45 $\square$	23
45 50 $\square$	24
	25
	26
	27
	28
	30

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
18~20	5×2.0	6
22~30	7×3.0	8
32~40	10×3.5	8
42~50	12×3.5	10
55	15×5.0	12

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ϕD^{H7}	Set Screw M
12	35	6
13	40	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
10	8.0	37
11		45



KANA**FBK60B Surface Treatment**● **Order No. Example****FBK60B20D40**

TYPE

No. of Teeth

 ϕD^{H7} **BK**
UC
CM

Surface Treatment Type

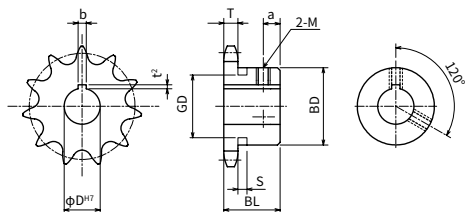
Surface Treatment

**BK** = Black Oxide Coating (Ferrosoferric Oxide Coating)**UC** = Trivalent UniChrome Plating (White)**CM** = Trivalent Chromate Plating (Yellow)**BK Type****UC Type****CM Type**

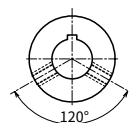
TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBK60B	10	70	61.647	★49	32	6	0.49	25	
	11	76	67.617	★51	32	6	0.60	25 28 30	
	12	83	73.604	51	32	8	0.69	24 25 28 30 32 35 ^{Note 1}	
	13	89	79.602	57	32	8	0.81	25 28 30 32 35 38 ^{Note 1} 40 ^{Note 1}	
	14	95	85.610	62	32	8	0.96	20 25 28 30	
	15	101	91.625	68	32	8	1.10	18 24 25 28 30	
	16	107	97.647	73	32	8	1.30	24 25 28 30	
	17	113	103.674	73	32	8	1.40	25 28 30 32 35 38 40 45 50	
	18	119	109.705	83	40	12	2.00	25 28 30 32 35	
	19	126	115.739	83	40	12	2.10	25 28 30	
	20	132	121.776	83	40	12	2.20	25 28 30 32 35 38 40	
	21	138	127.816	83	40	12	2.30	25 28 30 32 35 38 40	
	22	144	133.858	83	40	12	2.50	28 30 35 40	
	23	150	139.902	83	40	12	2.50	28 30 35 40	
	24	156	145.948	83	40	12	2.60	25 30 35 38 40	
	25	162	151.995	83	40	12	2.70	28 30 35 40 45 50	
	26	168	158.043	83	40	12	2.90	30 35 40 45 50 55	
	27	174	164.093	83	40	12	3.00	30 35 40 45	
	28	180	170.143	83	40	12	3.30	30 35 40 45 50	
	30	193	182.247	83	40	12	3.60	35 40 45 50	

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

- Chain **No.60**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth



φD^{H7} set screws with a □ symbol are set in places other than the keyway (left diagram).

Shaft Hole Machined Specification

φD ^{H7}	Keyway b × t ²	Set Screw M
18~20	5 × 2.0	6
22~30	7 × 3.0	8
32~40	10 × 3.5	8
42~50	12 × 3.5	10
55	15 × 5.0	12

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	φD ^{H7}	Set Screw M
12	35	6
13	40	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
10	8.0	37
11		45



φD ^{H7}	No. of Teeth
	10
	11
	12
	13
32 35 38 40	14
32 35 38 40 45	15
32 35 38 40 45 48 50 ^{Note 1}	16
	17
38 40 45 50	18
32 35 38 40 45 50	19
45 50 55	20
45 50	21
45 50 55	22
45 55	23
45 50 55	24
	25
	26
	27
	28
	30

KANA

SUSFBN60B

● **Order No. Example**
SUSFBN 60B 20 D40

TYPE

No. of Teeth

 ϕD^{H7}

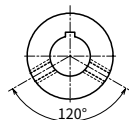
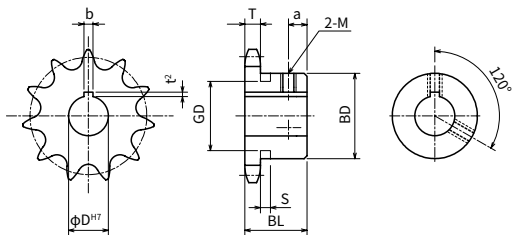
Chain **No.60**
 Chain Pitch **(P) 19.05 mm**
 Bushing Link Inner Width ... **(W) 12.70 mm**
 Roller Outside Diameter ... **(Dr) 11.91 mm**
 Tooth Width **(T) 11.9 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
SUS FBN 60B	10	70	61.647	★49	32	6	0.49	
	11	76	67.617	★51	32	6	0.60	
	12	83	73.604	51	32	8	0.69	
	13	89	79.602	57	32	8	0.80	
	14	95	85.610	62	32	8	0.96	
	15	101	91.625	68	32	8	1.10	
	16	107	97.647	73	32	8	1.30	
	17	113	103.674	73	32	8	1.40	
	18	119	109.705	83	40	12	2.00	
	19	126	115.739	83	40	12	2.10	
	20	132	121.776	83	40	12	2.20	
	21	138	127.816	83	40	12	2.30	
	22	144	133.858	83	40	12	2.50	
	23	150	139.902	83	40	12	2.60	
	24	156	145.948	83	40	12	2.60	
	25	162	151.995	83	40	12	2.70	
	26	168	158.043	83	40	12	2.90	
	27	174	164.093	83	40	12	3.00	
	28	180	170.143	83	40	12	3.30	
	30	193	182.247	83	40	12	3.40	
	32	205	194.354	83	40	12	3.80	
	34	217	206.463	83	40	12	4.30	
	35	223	212.518	83	40	12	4.50	
	36	229	218.574	83	40	12	4.70	
	38	241	230.687	83	40	12	5.10	
	40	253	242.802	83	40	12	5.50	

* Products with long screw holes may be counterbored.

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



ΦD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Stainless Steel **GB** 304

Shaft Hole Machined Specification

ΦD ^{H7}	Keyway b × t ²	Set Screw M
17	5 × 2.3	6
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10
55	16 × 4.3	12

The sprocket set screws in the table below are different from those above due to the boss type.

No. of Teeth	ΦD ^{H7}	Set Screw M
12	35	6

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
10	8.0	37
11		45



ΦD ^{H7}	No. of Teeth
19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	10
19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	11
18 19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	12
19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	13
17 19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	14
18 19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	15
19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	16
19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	17
19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	18
19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	19
19 20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	20
20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	21
20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	22
20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	23
20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	24
20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	25
20 22 24 25 28 30 32 35 38 40 42 45 48 50 55	26
22 24 25 28 30 32 35 38 40 42 45 48 50 55	27
22 24 25 28 30 32 35 38 40 42 45 48 50 55	28
22 24 25 28 30 32 35 38 40 42 45 48 50 55	30
30 32 35 38 40 45 50 55	32
40 50	34
30 32 35 40 45 50 55	35
40 50	36
32 35 40 45 50 55	38
32 35 40 45 50 55	40

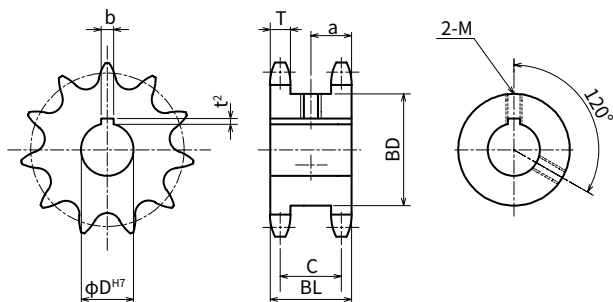
KANA

FBN60SD

● Order No. Example
FBN60SD20D40

TYPE No. of Teeth ϕD^{H7}

Chain **No.60**
Chain Pitch (P) **19.05 mm**
Bushing Link Inner Width (W) **12.70 mm**
Roller Outside Diameter (Dr) **11.91 mm**
Tooth width (T) **11.9 (Max.) mm**
(C) **38.1 (Min.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	No. of Teeth
FBN 60SD	12	83	73.604	51	50	25	1.14	20 25 30	12
	13	89	79.602	57	50	25	1.39	25 30 32 35	13
	14	95	85.610	64	50	25	1.63	30 35 40	14
	15	101	91.625	70	50	25	1.90	30 35 40	15
	16	107	97.647	76	50	25	2.20	30 35 40 45	16
	17	113	103.674	82	50	25	2.56	30 35 40 45	17
	18	119	109.705	88	50	25	2.90	30 35 40 45	18
	19	126	115.739	94	50	25	3.26	40 45 50	19
	20	132	121.776	100	50	25	3.70	35 40 45 50	20
	21	138	127.816	107	50	25	4.10	40 45 50	21

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
20~22	6×2.8	6
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10

● Order No. Example FBN60SD20D40

TYPE

No. of Teeth

 ϕD^{H7}
BK
UC
CM

Surface Treatment Type

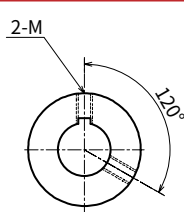
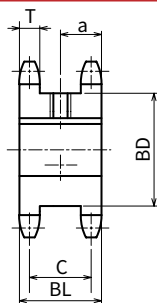
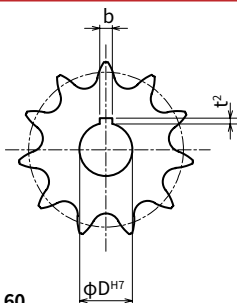
Surface Treatment


BK = Black Oxide Coating (Ferroferric Oxide Coating)

UC = Trivalent UniChrome Plating (White)

CM = Trivalent Chromate Plating (Yellow)


BK Type



- Chain **No.60**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth width **(T) 11.9 (Max.) mm**
(C) 38.1 (Min.) mm

- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	No. of Teeth
FBN 60SD	12	83	73.604	51	50	25	1.14	20 25 30	12
	13	89	79.602	57	50	25	1.39	25 30 32 35	13
	14	95	85.610	64	50	25	1.63	30 35 40	14
	15	101	91.625	70	50	25	1.90	30 35 40	15
	16	107	97.647	76	50	25	2.20	30 35 40 45	16
	17	113	103.674	82	50	25	2.56	30 35 40 45	17
	18	119	109.705	88	50	25	2.90	30 35 40 45	18
	19	126	115.739	94	50	25	3.26	40 45 50	19
	20	132	121.776	100	50	25	3.70	35 40 45 50	20
	21	138	127.816	107	50	25	4.10	40 45 50	21

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
20~22	6×3.8	6
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10

KANA

60A

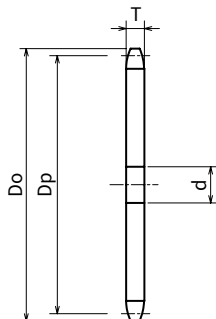
Order No. Example

60A 20

TYPE No. of Teeth



- Chain **No.60**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
60A10	70	61.647	14	15	0.27
60A11	76	67.617	14	15	0.30
60A12	83	73.604	14	15	0.38
60A13	89	79.602	14	15	0.40
60A14	95	85.610	16	17	0.50
60A15	101	91.625	16	17	0.60
60A16	107	97.647	16	17	0.65
60A17	113	103.674	16	17	0.75
60A18	119	109.705	16	17	0.84
60A19	126	115.739	16	17	0.93
60A20	132	121.776	16	17	1.00
60A21	138	127.816	16	17	1.15
60A22	144	133.858	16	17	1.25
60A23	150	139.902	16	17	1.40
60A24	156	145.948	18	19	1.50
60A25	162	151.995	18	19	1.60
60A26	168	158.043	18	19	1.78
60A27	174	164.093	18	19	1.90
60A28	180	170.143	18	19	2.05
60A29	187	176.195	18	19	2.20
60A30	193	182.247	18	19	2.35
60A31	199	188.300	20	21	2.50
60A32	205	194.354	20	21	2.68
60A33	211	200.408	20	21	2.85
60A34	217	206.463	20	21	3.02
60A35	223	212.518	20	21	3.20
60A36	229	218.574	20	21	3.40
60A37	235	224.631	20	21	3.60
60A38	241	230.687	20	21	3.80
60A39	247	236.744	20	21	4.00

 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
60A40	253	242.802	20	21	4.20
60A41	260	248.859	20	21	4.45
60A42	266	254.917	20	21	4.63
60A43	272	260.976	20	21	4.85
60A44	278	267.034	20	21	5.10
60A45	284	273.093	20	21	5.30
60A46	290	279.152	20	21	5.59
60A47	296	285.211	20	21	5.80
60A48	302	291.270	20	21	6.10
60A49	308	297.330	20	21	6.34
60A50	314	303.390	20	21	6.60
60A51	320	309.450	20	21	6.87
60A52	326	315.510	20	21	7.15
60A53	332	321.570	20	21	7.40
60A54	338	327.630	20	21	7.70
60A55	345	333.691	20	21	8.00
60A57	357	345.812	20	21	8.59
60A58	363	351.873	20	21	8.90
60A60	375	363.994	20	21	9.50
60A65	405	394.301	26	27	11.20
60A70	436	424.609	26	27	13.00
60A72	448	436.732	26	27	13.70
60A75	466	454.918	26	27	14.90
60A80	496	485.229	26	27	16.90
60A90	557	545.853	26	27	21.40

KANA

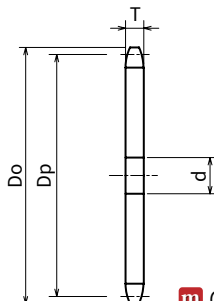
HG60A

● **Order No. Example**
HG60A 20H

TYPE No. of Teeth



- Chain **No.60**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG60A10H	70	61.647	14	15	0.27
HG60A11H	76	67.617	14	15	0.30
HG60A12H	83	73.604	14	15	0.38
HG60A13H	89	79.602	14	15	0.40
HG60A14H	95	85.610	16	17	0.50
HG60A15H	101	91.625	16	17	0.60
HG60A16H	107	97.647	16	17	0.65
HG60A17H	113	103.674	16	17	0.75
HG60A18H	119	109.705	16	17	0.84
HG60A19H	126	115.739	16	17	0.93
HG60A20H	132	121.776	16	17	1.00
HG60A21H	138	127.816	16	17	1.15
HG60A22H	144	133.858	16	17	1.25
HG60A23H	150	139.902	16	17	1.40
HG60A24H	156	145.948	18	19	1.50
HG60A25H	162	151.995	18	19	1.60
HG60A26H	168	158.043	18	19	1.78
HG60A27H	174	164.093	18	19	1.90
HG60A28H	180	170.143	18	19	2.05
HG60A29H	187	176.195	18	19	2.20

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG60A30H	193	182.247	18	19	2.35
HG60A32H	205	194.354	20	21	2.68
HG60A34H	217	206.463	20	21	3.02
HG60A35H	223	212.518	20	21	3.20
HG60A36H	229	218.574	20	21	3.40
HG60A38H	241	230.687	20	21	3.80
HG60A39H	247	236.744	20	21	4.00
HG60A40H	253	242.802	20	21	4.20
HG60A42H	266	254.917	20	21	4.63
HG60A44H	278	267.034	20	21	5.10
HG60A45H	284	273.093	20	21	5.30
HG60A46H	290	279.152	20	21	5.59
HG60A47H	296	285.211	20	21	5.80
HG60A48H	302	291.270	20	21	6.10
HG60A49H	308	297.330	20	21	6.34
HG60A50H	314	303.390	20	21	6.60
HG60A52H	326	315.510	20	21	7.15
HG60A54H	338	327.630	20	21	7.70
HG60A55H	345	333.691	20	21	8.00
HG60A60H	375	363.994	20	21	9.50
HG60A65H	405	394.301	26	27	11.20
HG60A70H	436	424.609	26	27	13.00
HG60A75H	466	454.918	26	27	14.90

KANA

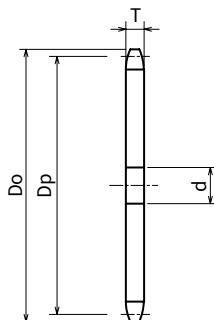
SUS60A

● **Order No. Example**
SUS60A 20

TYPE No. of Teeth



- Chain **No.60**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width **(W) 12.70 mm**
- Bushing Outside Diameter **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
SUS60A10	70	61.647	14	15	0.30
SUS60A11	76	67.617	14	15	0.30
SUS60A12	83	73.604	14	15	0.38
SUS60A13	89	79.602	14	15	0.40
SUS60A14	95	85.610	16	17	0.50
SUS60A15	101	91.625	16	17	0.60
SUS60A16	107	97.647	16	17	0.70
SUS60A17	113	103.674	16	17	0.75
SUS60A18	119	109.705	16	17	0.90
SUS60A19	126	115.739	16	17	0.93
SUS60A20	132	121.776	16	17	1.05
SUS60A21	138	127.816	16	17	1.15
SUS60A22	144	133.858	16	17	1.20
SUS60A23	150	139.902	16	17	1.40
SUS60A24	156	145.948	18	19	1.50
SUS60A25	162	151.995	18	19	1.60
SUS60A26	168	158.043	18	19	1.78
SUS60A27	174	164.093	18	19	1.90
SUS60A28	180	170.143	18	19	2.05
SUS60A29	187	176.195	18	19	2.20

 Stainless Steel  304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
SUS60A30	193	182.247	18	19	2.35
SUS60A31	199	188.300	20	21	2.50
SUS60A32	205	194.354	20	21	2.68
SUS60A33	211	200.408	20	21	2.85
SUS60A34	217	206.463	20	21	3.10
SUS60A35	223	212.518	20	21	3.20
SUS60A36	229	218.574	20	21	3.40
SUS60A37	235	224.631	20	21	3.60
SUS60A38	241	230.687	20	21	3.80
SUS60A39	247	236.744	20	21	4.00
SUS60A40	253	242.802	20	21	4.20

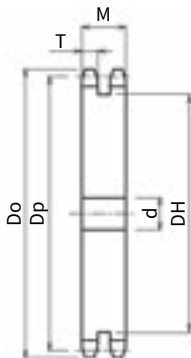
KANA

HG60-2A

● **Order No. Example**
HG60-2A 35H

TYPE No. of Teeth

- Chain **No.60-2**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.7 (Max.) mm**
- Total Tooth Width **(M) 34.5 (Max.) mm**



- m Carbon Structural Steel
- h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Intermediate Boss DH	Shape	Weight (kg)
			Pilot hole	Minimum			
HG60-2A35H	223	212.518	20	21	192	Ground Specification	8.80
HG60-2A36H	229	218.574	20	21	198		9.38
HG60-2A38H	241	230.687	20	21	210		10.50
HG60-2A40H	253	242.802	20	21	222		11.90
HG60-2A42H	266	254.917	23	24	234		12.80
HG60-2A45H	284	273.093	23	24	253		15.00
HG60-2A48H	302	291.270	23	24	271		16.90
HG60-2A50H	314	303.390	23	24	283		18.40
HG60-2A60H	375	363.994	23	24	344		26.70

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

NK60B

● **Order No. Example**
NK60B 20

TYPE No. of Teeth

■ Chain **No.60**
 ■ Chain Pitch **(P) 19.05 mm**
 ■ Bushing Link Inner Width ... **(W) 12.70 mm**
 ■ Roller Outside Diameter ... **(Dr) 11.91 mm**
 ■ Tooth Width **(T) 11.9 (Max.) mm**

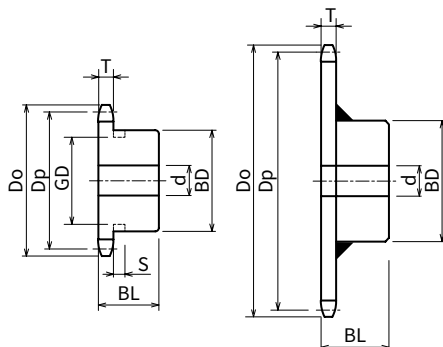


Ground Specification



Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK60B8	58	49.780	12	13	20	★34	32	Ground Specification	Carbon Structural Steel h m High-frequency Hardened Teeth	0.30
NK60B9	64	55.698	12	13	25	★43	32			0.40
NK60B10	70	61.647	14	15	30	★49	32			0.49
NK60B11	76	67.617	14	15	32	★51	32			0.60
NK60B12	83	73.604	14	15	32	51	32			0.69
NK60B13	89	79.602	14	15	35	57	32			0.81
NK60B14	95	85.610	16	17	40	62	32			0.96
NK60B15	101	91.625	16	17	45	68	32			1.10
NK60B16	107	97.647	16	17	48	73	32			1.30
NK60B17	113	103.674	16	17	48	73	32			1.40
NK60B18	119	109.705	16	17	55	83	40			2.00
NK60B19	126	115.739	16	17	55	83	40			2.10
NK60B20	132	121.776	16	17	55	83	40			2.20
NK60B21	138	127.816	16	17	55	83	40			2.30
NK60B22	144	133.858	16	17	55	83	40			2.50
NK60B23	150	139.902	16	17	55	83	40			2.50
NK60B24	156	145.948	18	19	55	83	40			2.60
NK60B25	162	151.995	18	19	55	83	40			2.70
NK60B26	168	158.043	18	19	55	83	40			2.90
NK60B27	174	164.093	18	19	55	83	40			3.00
NK60B28	180	170.143	18	19	55	83	40			3.30
NK60B29	187	176.195	18	19	55	83	40			3.40
NK60B30	193	182.247	18	19	55	83	40			3.60
NK60B31	199	188.300	20	21	55	83	40			3.64
NK60B32	205	194.354	20	21	55	83	40			3.80
NK60B33	211	200.408	20	21	55	83	40			4.00
NK60B34	217	206.463	20	21	55	83	40			4.15
NK60B35	223	212.518	20	21	55	83	40			4.33
NK60B36	229	218.574	20	21	55	83	40			4.52
NK60B37	235	224.631	20	21	55	83	40			4.70
NK60B38	241	230.687	20	21	55	83	40			4.90
NK60B39	247	236.744	20	21	55	83	40			5.10
NK60B40	253	242.802	20	21	55	83	40			5.30



Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK60B41	260	248.859	20	21	63	93	45	Ground Specification	 Carbon Structural Steel  High-Frequency Hardened Teeth	6.00
NK60B42	266	254.917	20	21	63	93	45			6.40
NK60B43	272	260.976	20	21	63	93	45			6.60
NK60B44	278	267.034	20	21	63	93	45			6.88
NK60B45	284	273.093	20	21	63	93	45			7.10
NK60B46	290	279.152	20	21	63	93	45			7.28
NK60B47	296	285.211	20	21	63	93	45			7.53
NK60B48	302	291.270	20	21	63	93	45			7.85
NK60B49	308	297.330	20	21	63	93	45			8.04
NK60B50	314	303.390	20	21	63	93	45			8.40
NK60B51	320	309.450	20	21	63	93	45	Welded Specification	 Common Steel	8.57
NK60B52	326	315.510	20	21	63	93	45			8.84
NK60B54	338	327.630	20	21	63	93	45			9.50
NK60B55	345	333.691	20	21	63	93	45			9.69
NK60B56	351	339.751	20	21	63	93	45			9.99
NK60B58	363	351.873	20	21	63	93	45			10.70
NK60B60	375	363.994	20	21	63	93	45			11.30
NK60B64	399	388.239	26	27	63	93	45			12.60
NK60B65	405	394.301	26	27	75	107	45			13.60
NK60B70	436	424.609	26	27	75	107	45			15.30
NK60B75	466	454.918	26	27	75	107	45			17.30
NK60B80	496	485.229	26	27	80	117	50			20.20
NK60B85	527	515.541	26	27	80	117	50			22.40
NK60B90	557	545.853	26	27	80	117	50			24.60

Sprockets with a ★ symbol for BD have a channel in the boss exterior.



No. of Teeth	S	GD
8	8.0	26
9		32
10		37
11		45

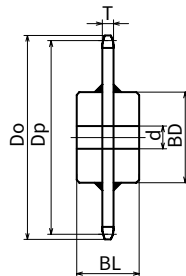
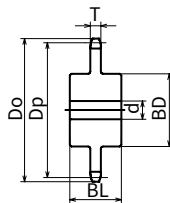
KANA

NK60C

● Order No. Example
NK60C 20

TYPE No. of Teeth

- Chain No.60
- Chain Pitch (P) 19.05 mm
- Bushing Link Inner Width ... (W) 12.70 mm
- Roller Outside Diameter ... (Dr) 11.91 mm
- Tooth Width (T) 11.9 (Max.) mm



Ground Specification

Welded Specification

Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK60C10	70	61.647	14	15	22	40	45	Ground Specification	Carbon Structural Steel High-frequency Hardened Teeth	0.60
NK60C11	76	67.617	14	15	26	46	45			0.70
NK60C12	83	73.604	14	15	30	52	45			0.90
NK60C13	89	79.602	14	15	35	58	45			1.10
NK60C14	95	85.610	16	17	40	64	45			1.30
NK60C15	101	91.625	16	17	40	70	45			1.50
NK60C16	107	97.647	16	17	45	76	45			1.80
NK60C17	113	103.674	16	17	50	82	45			2.10
NK60C18	119	109.705	16	17	50	88	45			2.40
NK60C19	126	115.739	16	17	50	90	45			2.60
NK60C20	132	121.776	16	17	50	100	45			3.10
NK60C21	138	127.816	16	17	50	100	45			3.20
NK60C22	144	133.858	16	17	50	110	45			3.70
NK60C23	150	139.902	16	17	50	110	45			3.80
NK60C24	156	145.948	18	19	50	115	45			4.20
NK60C25	162	151.995	18	19	50	115	45			4.30
NK60C26	168	158.043	18	19	50	120	45			4.70
NK60C27	174	164.093	18	19	50	120	45			4.80
NK60C28	180	170.143	18	19	50	83	50			3.60
NK60C30	193	182.247	18	19	50	83	50			3.90
NK60C32	205	194.354	20	21	50	83	50			4.20
NK60C34	217	206.463	20	21	50	83	50			4.60
NK60C35	223	212.518	20	21	50	83	50			4.80
NK60C36	229	218.574	20	21	50	83	50			5.00
NK60C38	241	230.687	20	21	50	83	55			5.50
NK60C40	253	242.802	20	21	50	83	55			6.00
NK60C42	266	254.917	20	21	60	93	55			6.90
NK60C45	284	273.093	20	21	60	93	55			7.60
NK60C48	302	291.270	20	21	60	93	55			8.30
NK60C50	314	303.390	20	21	60	93	55			8.80
NK60C54	338	327.630	20	21	60	93	55	Welded Specification	Carbon Structural Steel	10.00
NK60C60	375	363.994	20	21	65	107	70			13.50
NK60C65	405	394.301	26	27	65	107	70			15.00
NK60C70	436	424.609	26	27	65	107	70			16.80
NK60C75	466	454.918	26	27	65	107	70			18.80

KANA

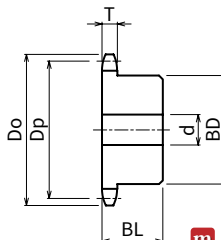
K60B

● Order No. Example

K60B 20

TYPE No. of Teeth

- Chain No.60
- Chain Pitch (P) 19.05 mm
- Bushing Link Inner Width ... (W) 12.70 mm
- Roller Outside Diameter ... (Dr) 11.91 mm
- Tooth Width (T) 11.9 (Max.) mm



- Carbon Structural Steel
- High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
K60B10	70	61.647	13	14	22	39	40	Ground Specification	0.50
K60B11	76	67.617	13	14	28	45	40		0.70
K60B12	83	73.604	13	14	32	51	40		0.80
K60B13	89	79.602	13	14	35	56	40		1.00
K60B14	95	85.610	16	17	35	56	40		1.00
K60B15	101	91.625	16	17	35	56	40		1.10
K60B16	107	97.647	16	17	35	56	40		1.20
K60B17	113	103.674	16	17	46	70	40		1.60
K60B18	119	109.705	16	17	46	70	40		1.70
K60B19	126	115.739	16	17	46	70	40		1.80
K60B20	132	121.776	16	17	55	80	45		2.30
K60B21	138	127.816	16	17	55	80	45		2.40
K60B22	144	133.858	16	17	55	80	45		2.50
K60B23	150	139.902	16	17	55	80	45		2.70
K60B24	156	145.948	18	19	55	80	45		2.80
K60B25	162	151.995	18	19	55	80	45		2.90
K60B26	168	158.043	18	19	55	80	45		3.00
K60B27	174	164.093	18	19	55	80	45		3.20
K60B28	180	170.143	18	19	57	85	50		3.70
K60B29	187	176.195	18	19	57	85	50		3.80
K60B30	193	182.247	18	19	57	85	50		4.00

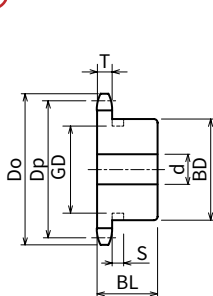
KANA

SUS60B

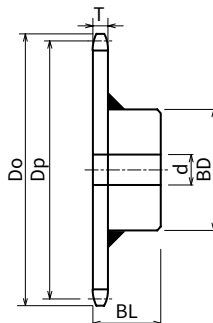
● **Order No. Example**
SUS60B 20

TYPE No. of Teeth

- Chain **No.60**
- Chain Pitch **(P) 19.05 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



Ground Specification



Welded Specification

m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS60B10	70	61.647	14	15	30	★49	32	Ground Specification	0.49
SUS60B11	76	67.617	14	15	32	★51	32		0.60
SUS60B12	83	73.604	14	15	32	51	32		0.69
SUS60B13	89	79.602	14	15	35	57	32		0.80
SUS60B14	95	85.610	16	17	40	62	32		0.96
SUS60B15	101	91.625	16	17	45	68	32		1.10
SUS60B16	107	97.647	16	17	48	73	32		1.30
SUS60B17	113	103.674	16	17	48	73	32		1.40
SUS60B18	119	109.705	16	17	55	83	40		2.00
SUS60B19	126	115.739	16	17	55	83	40		2.10
SUS60B20	132	121.776	16	17	55	83	40		2.20
SUS60B21	138	127.816	16	17	55	83	40		2.30
SUS60B22	144	133.858	16	17	55	83	40		2.50
SUS60B23	150	139.902	16	17	55	83	40		2.60
SUS60B24	156	145.948	18	19	55	83	40		2.60
SUS60B25	162	151.995	18	19	55	83	40	Welded Specification	2.70
SUS60B26	168	158.043	18	19	55	83	40		2.90
SUS60B27	174	164.093	18	19	55	83	40		3.00
SUS60B28	180	170.143	18	19	55	83	40		3.30
SUS60B30	193	182.247	18	19	55	83	40		3.40
SUS60B32	205	194.354	20	21	55	83	40		3.80
SUS60B34	217	206.463	20	21	55	83	40		4.30
SUS60B35	223	212.518	20	21	55	83	40		4.50
SUS60B36	229	218.574	20	21	55	83	40		4.70
SUS60B38	241	230.687	20	21	55	83	40		5.10
SUS60B40	253	242.802	20	21	55	83	40		5.50

* Because no. of teeth 32-40 are shifting from welded to ground specification, inventory is mixed.

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
10	8.0	37
11		45

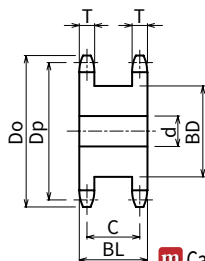


● Order No. Example

60SD 20

TYPE No. of Teeth

- Chain No.60
- Chain Pitch (P) 19.05 mm
- Bushing Link Inner Width ... (W) 12.70 mm
- Roller Outside Diameter ... (Dr) 11.91 mm
- Tooth Width (T) 11.9 (Max.) mm
- (C) 38.1 (Min.) mm



m Carbon Structural Steel

h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
			Pilot hole	Minimum	Maximum			
60SD10	70	61.647	13	14	20	37	50	0.70
60SD11	76	67.617	13	14	26	45	50	0.90
60SD12	83	73.604	13	14	32	51	50	1.14
60SD13	89	79.602	16	17	35	57	50	1.39
60SD14	95	85.610	16	17	42	64	50	1.63
60SD15	101	91.625	16	17	46	70	50	1.90
60SD16	107	97.647	16	17	51	76	50	2.20
60SD17	113	103.674	16	17	55	82	50	2.56
60SD18	119	109.705	18	19	60	88	50	2.90
60SD19	126	115.739	18	19	63	94	50	3.26
60SD20	132	121.776	18	19	68	100	50	3.70
60SD21	138	127.816	18	19	75	107	50	4.10
60SD22	144	133.858	18	19	78	113	50	4.59
60SD23	150	139.902	20	21	82	119	50	5.00
60SD24	156	145.948	20	21	85	125	50	5.50
60SD25	162	151.995	20	21	90	130	50	5.99
60SD26	168	158.043	20	21	96	138	50	6.60
60SD27	174	164.093	20	21	100	144	50	7.20
60SD28	180	170.143	20	21	106	150	50	7.70
60SD29	187	176.195	20	21	110	157	50	8.40
60SD30	193	182.247	20	21	114	163	50	9.00

KANA

NK60-2B

● Order No. Example

NK60-2B 20

TYPE No. of Teeth

Chain	.....	No.60-2
Chain Pitch	.....	(P) 19.05 mm
Bushing Link Inner Width	...	(W) 12.70 mm
Roller Outside Diameter	...	(Dr) 11.91 mm
Tooth Width	.....	(T) 11.7 (Max.) mm
Total Tooth Width	.....	(M) 34.5 (Max.) mm

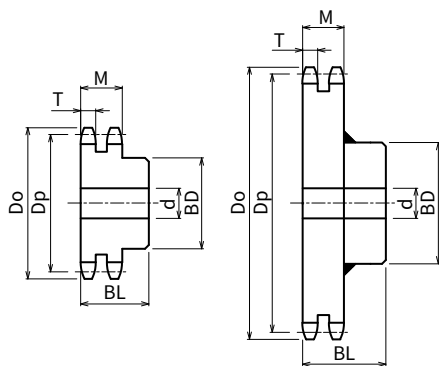


Ground Specification



Welded Specification
(Includes some with black oxide finish)

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK60-2B10	70	61.647	13	14	20	35	50	Ground Specification	Carbon Structural Steel High-frequency Hardened Teeth	0.70
NK60-2B11	76	67.617	13	14	25	44	50			0.90
NK60-2B12	83	73.604	13	14	30	50	50			1.10
NK60-2B13	89	79.602	16	17	35	57	50			1.40
NK60-2B14	95	85.610	16	17	42	64	56			1.80
NK60-2B15	101	91.625	16	17	46	70	56			2.10
NK60-2B16	107	97.647	16	17	51	76	56			2.40
NK60-2B17	113	103.674	16	17	55	82	56			2.80
NK60-2B18	119	109.705	18	19	60	88	56			3.20
NK60-2B19	126	115.739	18	19	63	94	56			3.60
NK60-2B20	132	121.776	18	19	66	100	56			4.00
NK60-2B21	138	127.816	18	19	66	100	56			4.30
NK60-2B22	144	133.858	18	19	66	100	56			4.60
NK60-2B23	150	139.902	20	21	66	100	56			4.90
NK60-2B24	156	145.948	20	21	80	120	56			5.90
NK60-2B25	162	151.995	20	21	80	120	56			6.20
NK60-2B26	168	158.043	20	21	80	120	56			6.60
NK60-2B27	174	164.093	20	21	80	120	56			7.00
NK60-2B28	180	170.143	20	21	80	120	56			7.40
NK60-2B29	187	176.195	20	21	80	120	56			7.80



Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK60-2B30	193	182.247	20	21	89	130	56	Ground Specification	 Carbon Structural Steel  High-frequency Hardened Teeth	8.60
NK60-2B31	199	188.300	20	21	89	127	56			8.80
NK60-2B32	205	194.354	20	21	89	127	56			9.50
NK60-2B33	211	200.408	20	21	89	127	56			9.80
NK60-2B34	217	206.463	20	21	89	127	56			10.40
NK60-2B35	223	212.518	20	21	89	127	56			11.00
NK60-2B36	229	218.574	20	21	66	98	56			10.60
NK60-2B38	241	230.687	20	21	66	98	56			11.70
NK60-2B40	253	242.802	20	21	66	98	56			12.90
NK60-2B42	266	254.917	23	24	75	107	56			14.30
NK60-2B45	284	273.093	23	24	75	107	71	Welded Specification	 Common Steel	17.30
NK60-2B48	302	291.270	23	24	75	107	71			19.40
NK60-2B50	314	303.390	23	24	75	107	71			20.90
NK60-2B54	338	327.630	23	24	75	107	71			24.00
NK60-2B60	375	363.994	23	24	75	107	71			29.20
NK60-2B65	405	394.301	28	29	75	107	71			33.90
NK60-2B70	436	424.609	28	29	75	107	71			39.00

KANA

FBN80B

● Order No. Example

FBN80B20D40

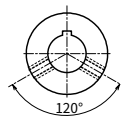
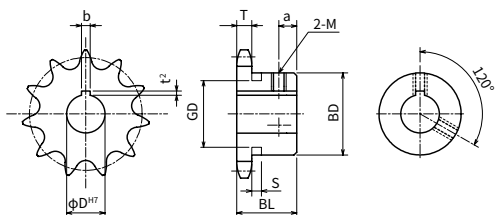
TYPE

No. of Teeth ϕD^{H7}

- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 15.0 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBN 80B	9	85	74.265	★58	40	7	0.87	25 28 30 32 35	
	10	93	82.196	52	40	12	1.00	25 28 30 32	
	11	102	90.156	60	40	12	1.25	25 28 30 32 35 38	
	12	110	98.138	67	40	12	1.60	25 28 30 32 35 38 40	
	13	118	106.136	77	40	12	1.90	25 28 30 32 35 38 40	
	14	127	114.147	77	40	12	2.10	25 28 30 32 35 38 40	
	15	135	122.167	93	40	12	2.70	25 28 30 32 35 38 40	
	16	143	130.196	93	40	12	2.90	24 25 28 30 32 35 38	
	17	151	138.232	93	40	12	2.95	25 28 30 32 35 38 40	
	18	159	146.273	93	40	12	3.15	25 28 30 32 35 38 40	
	19	167	154.319	93	40	12	3.40	25 28 30 32 35 38 40	
	20	176	162.368	93	40	12	3.60	25 28 30 32 35 38 40	
	21	184	170.421	93	40	12	3.85	25 28 30 32 35 38 40 42	
	22	192	178.478	107	45	12	5.00	35 40 45 50 55 60 70	
	23	200	186.540	107	45	12	5.23	35 38 40 45 50 55 60	
	24	208	194.597	107	45	12	5.50	30 35 40 45 50 55 60	
	25	216	202.660	107	45	12	5.80	35 40 45 50 55 60 70	
	26	224	210.724	107	45	12	6.10	35 40 45 50 55 60	
	27	233	218.790	107	45	12	6.40	50	
	28	241	226.858	107	45	12	6.75	35 40 45 50 55 60	
	30	257	242.996	107	45	12	7.40	35 40 45 48 50 55 60 70	
	32	273	259.138	107	45	12	8.15	40 50 55 60	
	35	297	283.358	107	45	12	9.30	50 60	
	36	306	291.432	117	50	12	10.60	50 60	
	40	338	323.736	117	50	12	12.40	45 50 60	
	45	378	364.124	117	50	12	14.90	55	



ΦD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ΦD^{H7}	Keyway $b \times t^2$	Set Screw M
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12
60	18×4.4	12
70	20×4.9	16

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9	10.4	44



ΦD^{H7}	No. of Teeth
	9
	10
	11
42 h	12
42 45 48 50	13
42 45 48 50	14
42 45 48 50 55 60	15
40 42 45 48 50 55 60	16
42 45 48 50 55 60	17
42 45 48 50 55 60	18
42 45 48 50 55 60	19
42 45 48 50 55 60	20
45 48 50 55 60	21
	22
	23
	24
	25
	26
	27
	28
	30
	32
	35
	36
	40
	45

KANA**FBN80B Surface Treatment**

● Order No. Example

FBN80B20D40

TYPE

No. of Teeth

 ϕD^{H7} **BK**
UC
CM

Surface Treatment Type

Surface Treatment

**BK** = Black Oxide Coating (Ferrosoferric Oxide Coating)**UC** = Trivalent UniChrome Plating (White)**CM** = Trivalent Chromate Plating (Yellow)

BK Type



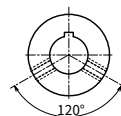
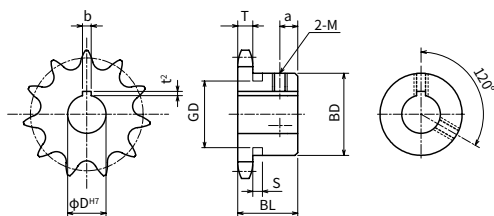
UC Type



CM Type

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBN 80B	9	85	74.265	★58	40	7	0.87	25 28 30 32 35	
	10	93	82.196	52	40	12	1.00	25 28 30 32	
	11	102	90.156	60	40	12	1.25	25 28 30 32 35 38	
	12	110	98.138	67	40	12	1.60	25 28 30 32 35 38 40	
	13	118	106.136	77	40	12	1.90	25 28 30 32 35 38 40	
	14	127	114.147	77	40	12	2.10	25 28 30 32 35 38 40	
	15	135	122.167	93	40	12	2.70	25 28 30 32 35 38	
	16	143	130.196	93	40	12	2.90	24 25 28 30 32 35 38 40	
	17	151	138.232	93	40	12	2.95	25 28 30 32 35 38 40	
	18	159	146.273	93	40	12	3.15	25 28 30 32 35 38 40 42	
	19	167	154.319	93	40	12	3.40	25 28 30 32 35 38 40	
	20	176	162.368	93	40	12	3.60	25 28 30 32 35 38 40	
	21	184	170.421	93	40	12	3.85	25 28 30 32 35 38 40 42	
	22	192	178.478	107	45	12	5.00	35 40 45 50 55 60 70	
	23	200	186.540	107	45	12	5.23	35 38 40 45 50 55 60	
	24	208	194.597	107	45	12	5.50	30 35 40 45 50 55 60	
	25	216	202.660	107	45	12	5.80	35 40 45 50 55 60 70	
	26	224	210.724	107	45	12	6.10	35 40 45 50 55 60	
	27	233	218.790	107	45	12	6.40	50	
	28	241	226.858	107	45	12	6.75	35 40 45 50 55 60	
	30	257	242.996	107	45	12	7.40	35 40 45 48 50 55 60 70	
	32	273	259.138	107	45	12	8.15	40 50 55 60	
	35	297	283.358	107	45	12	9.30	50 60	
	36	306	291.432	117	50	12	10.60	50 60	
	40	338	323.736	117	50	12	12.40	45 50 60	
	45	378	364.124	117	50	12	14.90	55	

- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 15.0 (Max.) mm**



ΦD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ΦD^{H7}	Keyway $b \times t^2$	Set Screw M
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12
60	18×4.4	12
70	20×4.9	16

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9	10.4	44



ΦD^{H7}	No. of Teeth
	9
	10
	11
42 45	12
42 45 48 50	13
42 45 48 50	14
40 42 45 48 50 55 60	15
42 45 48 50 55 60	16
42 45 48 50 55 60	17
45 48 50 55 60	18
42 45 48 50 55 60	19
42 45 48 50 55 60	20
45 48 50 55 60	21
	22
	23
	24
	25
	26
	27
	28
	30
	32
	35
	36
	40
	45

KANA

FBK80B

● Order No. Example

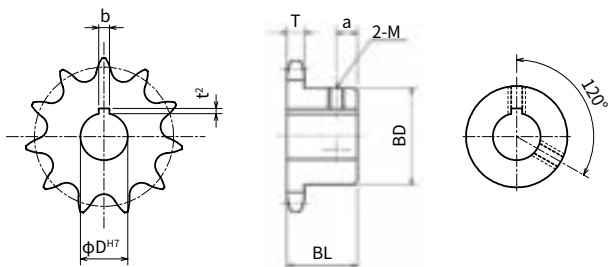
FBK80B20D40

TYPE No. of Teeth ϕD^{H7}

- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 15.0 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
FBK80B	11	102	90.156	60	40	12	1.25	35 38	
	12	110	98.138	67	40	12	1.60	32 35 38 40 45	
	13	118	106.136	77	40	12	1.90	30 32 35 38 40	
	14	127	114.147	77	40	12	2.10	35 38 40	
	15	135	122.167	93	40	12	2.70	32 35 38 40	
	16	143	130.196	93	40	12	2.90	32 38 40	
	17	151	138.232	93	40	12	2.95	38 40 45 50 55 60	
	18	159	146.273	93	40	12	3.15	25 32 38 40	
	19	167	154.319	93	40	12	3.40	35 40	
	20	176	162.368	93	40	12	3.60	40 45 50 55 60	
	21	184	170.421	93	40	12	3.85	40 45 50 55	
	24	208	194.597	107	45	12	5.50	50	
	25	216	202.660	107	45	12	5.80	50	
	30	257	242.996	107	45	12	7.40	50	



m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ΦD^{H7}	Keyway $b \times t^2$	Set Screw M
22~30	7×3.0	8
32~40	10×3.5	8
42~50	12×3.5	10
55~60	15×5.0	12

ΦD^{H7}	No. of Teeth
	11
45 50	12
45 50	13
45 48 50 55 60	14
	15
45 50 60	16
	17
45 50 60	18
45 50 55 60	19
	20
	21
	24
	25
	30

KANA**FBK80B Surface Treatment****● Order No. Example****FBK80B20D40**

TYPE

No. of Teeth

 ϕD^{H7} **BK**
UC
CM

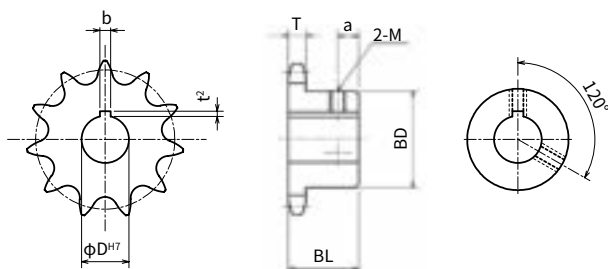
Surface Treatment Type

Surface Treatment

**BK** = Black Oxide Coating (Ferrosoferric Oxide Coating)**UC** = Trivalent UniChrome Plating (White)**CM** = Trivalent Chromate Plating (Yellow)**BK Type****UC Type****CM Type**

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
FBK 80B	11	102	90.156	60	40	12	1.25	
	12	110	98.138	67	40	12	1.60	
	13	118	106.136	77	40	12	1.90	
	14	127	114.147	77	40	12	2.10	
	15	135	122.167	93	40	12	2.70	
	16	143	130.196	93	40	12	2.90	
	17	151	138.232	93	40	12	2.95	
	18	159	146.273	93	40	12	3.15	
	19	167	154.319	93	40	12	3.40	
	20	176	162.368	93	40	12	3.60	
	21	184	170.421	93	40	12	3.85	
	24	208	194.597	107	45	12	5.50	
	25	216	202.660	107	45	12	5.80	
	30	257	242.996	107	45	12	7.40	

- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 15.0 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ΦD^{H7}	Keyway $b \times t^2$	Set Screw M
22~30	7×3.0	8
32~40	10×3.5	8
42~50	12×3.5	10
55~60	15×5.0	12

ΦD^{H7}	ΦD^{H7}	No. of Teeth
35 38		11
32 35 38 40 45		12
30 32 35 38 40	45 50	13
35 38 40	45 50	14
32 35 38 40	45 48 50 55 60	15
32 38 40	45 50 60	16
38 40	45 50 55 60	17
25 32 38 40	45 50 60	18
35 40	45 50 55 60	19
40	45 50 55 60	20
40	45 50 55	21
50		24
50		25
50		30

KANA

SUSFBN80B

● **Order No. Example**
SUSFBN 80B 20 D40

TYPE

No. of Teeth ϕD^{H7}

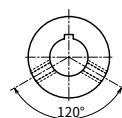
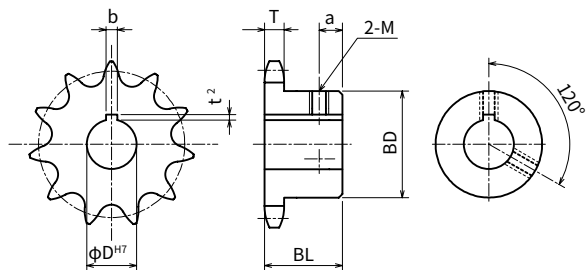
■ Chain **No.80**
 ■ Chain Pitch **(P) 25.4 mm**
 ■ Bushing Link Inner Width ... **(W) 15.88 mm**
 ■ Roller Outside Diameter ... **(Dr) 15.88 mm**
 ■ Tooth Width **(T) 15.0 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
SUS FBN 80B	10	93	82.196	52	40	12	1.00	25 28 30 32	
	11	102	90.156	60	40	12	1.25	25 28 30 32 35 38	
	12	110	98.138	67	40	12	1.60	25 28 30 32	
	13	118	106.136	77	40	12	1.90	25 28 30 32 35 38 40 42 45 48 50	
	14	127	114.147	77	40	12	2.10	25 28 30 32 35 38 40	
	15	135	122.167	93	40	12	2.30	25 28 30 32 35 38 40	
	16	143	130.196	93	40	12	2.50	24 25 28 30 32 35 38 40	
	17	151	138.232	93	40	12	2.95	25 28 30 32 35 38 40 42 45 48 50 55 60	
	18	159	146.273	93	40	12	3.15	25 28 30 32 35 38 40 42 45 48 50 55 60	
	19	167	154.319	93	40	12	3.40	25 28 30 32 35 38 40 42 45 48 50 55 60	
	20	176	162.368	93	40	12	3.60	25 28 30 32 35 38 40 42	
	21	184	170.421	93	40	12	3.85	25 28 30 32 35 38 40 42 45 48 50 55 60	
	22	192	178.478	93	45	12	4.50	35 40 45 50 55 60 70 ^{Note 1}	
	23	200	186.540	93	45	12	4.80	35 38 40 45 50 55 60	
	24	208	194.597	93	45	12	5.10	30 35 40 45 50 55 60	
	25	216	202.660	93	45	12	5.40	35 40 45 50 55 60 70 ^{Note 1}	
	26	224	210.724	93	45	12	5.70	35 40 45 50 55 60	
	27	233	218.790	93	45	12	6.00	50	
	28	241	226.858	93	45	12	6.30	35 40 45 50 55 60	
	30	257	242.996	93	45	12	7.00	35 40 45 48 50 55 60 70	
	32	273	259.138	93	45	12	7.70	40 50 55 60	
	35	297	283.358	93	45	12	8.90	50 60	
	40	338	323.736	107	50	12	12.50	45 50 60	

* Products with long screw holes may be counterbored.

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.



ϕD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Stainless Steel **GB** 304

Shaft Hole Machined Specification

ϕD^{H7}	No. of Teeth
35 38 40 42 45	10
	11
	12
	13
	14
42 45 48 50	15
	16
	17
	18
	19
42 45 48 50 55 60	20
	21
	22
	23
	24
45 48 50 55 60	25
	26
	27
	28
	30
	32
	35
	40

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12
60	18×4.4	12
70	20×4.9	16

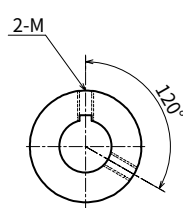
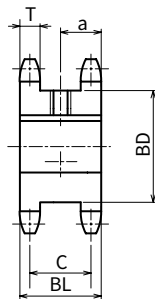
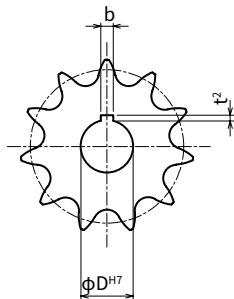
KANA

FBN80SD

● Order No. Example
FBN80SD20D40

TYPE No. of Teeth ϕD^{H7}

- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth width **(T) 15.0 (Max.) mm**
(C) 45.0 (Min.) mm



m Carbon Structural Steel
h High-frequency Hardened Teeth

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	No. of Teeth
FBN 80SD	12	110	98.138	67	60	30	2.40	35 40 45	12
	13	118	106.136	77	60	30	3.00	38 40 45 50	13
	14	127	114.147	85	60	30	3.60	40 45 50	14
	15	135	122.167	93	60	30	4.16	40 45 50	15
	16	143	130.196	102	60	30	4.89	40 45 50 60	16
	17	151	138.232	110	60	30	5.60	40 45 50 60	17
	18	159	146.273	118	60	30	6.30	40 45 50 55 60	18
	19	167	154.319	126	60	30	7.10	40 45 50 60	19
	20	176	162.368	134	60	30	8.00	40 45 50 60	20
	21	184	170.421	142	60	30	8.88	40 45 50 60	21

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12
60	18×4.4	12

● Order No. Example
FBN80SD20D40

TYPE

No. of Teeth

ϕD^{H7}

BK
UC
CM

Surface Treatment



BK = Black Oxide Coating (Ferrosoferric Oxide Coating)



UC = Trivalent UniChrome Plating (White)

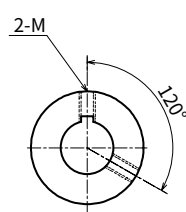
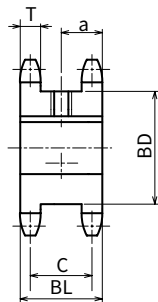
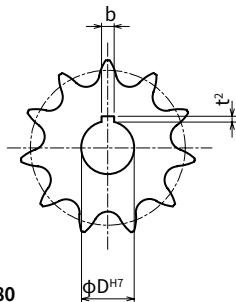


CM = Trivalent Chromate Plating (Yellow)

Surface Treatment Type



BK Type



- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth width **(T) 15.0 (Max.) mm**
(C) 45.0 (Min.) mm

m Carbon Structural Steel

h High-frequency Hardened Teeth

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	No. of Teeth
FBN 80SD	12	110	98.138	67	60	30	2.40	35 40 45	12
	13	118	106.136	77	60	30	3.00	38 40 45 50	13
	14	127	114.147	85	60	30	3.60	40 45 50	14
	15	135	122.167	93	60	30	4.16	40 45 50	15
	16	143	130.196	102	60	30	4.89	40 45 50 60	16
	17	151	138.232	110	60	30	5.60	40 45 50 60	17
	18	159	146.273	118	60	30	6.30	40 45 50 55 60	18
	19	167	154.319	126	60	30	7.10	40 45 50 60	19
	20	176	162.368	134	60	30	8.00	40 45 50 60	20
	21	184	170.421	142	60	30	8.88	40 45 50 60	21

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12
60	18×4.4	12

KANA

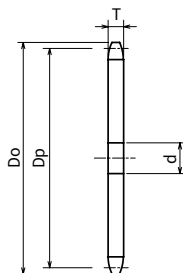
80A

● Order No. Example

80A 20

TYPE No. of Teeth

- Chain No.80
- Chain Pitch (P) 25.4 mm
- Bushing Link Inner Width ... (W) 15.88 mm
- Roller Outside Diameter ... (Dr) 15.88 mm
- Tooth Width (T) 15.0 (Max.) mm



 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
80A10	93	82.196	15	16	0.60
80A11	102	90.156	15	16	0.70
80A12	110	98.138	15	16	0.83
80A13	118	106.136	16	17	1.00
80A14	127	114.147	16	17	1.16
80A15	135	122.167	20	21	1.30
80A16	143	130.196	20	21	1.50
80A17	151	138.232	20	21	1.70
80A18	159	146.273	20	21	1.90
80A19	167	154.319	20	21	2.10
80A20	176	162.368	20	21	2.30
80A21	184	170.421	20	21	2.57
80A22	192	178.478	26	27	2.80
80A23	200	186.536	26	27	3.10
80A24	208	194.597	26	27	3.35
80A25	216	202.660	26	27	3.60
80A26	224	210.724	26	27	3.90
80A27	233	218.790	26	27	4.25
80A28	241	226.858	26	27	4.60
80A29	249	234.926	26	27	4.90
80A30	257	242.996	26	27	5.30
80A31	265	251.067	26	27	5.60
80A32	273	259.138	26	27	6.00
80A33	281	267.211	26	27	6.40
80A34	289	275.284	26	27	6.80
80A35	297	283.358	26	27	7.20
80A36	306	291.432	26	27	7.60
80A37	314	299.507	26	27	8.00
80A38	322	307.583	26	27	8.50
80A39	330	315.659	26	27	8.90

 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
80A40	338	323.736	26	27	9.40
80A41	346	331.813	26	27	9.90
80A42	354	339.890	26	27	10.30
80A43	362	347.968	26	27	10.80
80A44	370	356.046	26	27	11.40
80A45	378	364.124	26	27	11.90
80A46	387	372.203	26	27	12.40
80A47	395	380.281	26	27	12.95
80A48	403	388.361	26	27	13.50
80A49	411	396.440	26	27	14.10
80A50	419	404.520	26	27	14.70
80A52	435	420.680	26	27	15.86
80A53	443	428.760	26	27	16.50
80A54	451	436.840	26	27	17.20
80A55	459	444.921	26	27	17.75
80A56	468	453.002	26	27	18.40
80A57	476	461.082	26	27	19.07
80A58	484	469.164	26	27	19.75
80A60	500	485.326	26	27	21.10
80A64	532	517.652	26	27	24.05
80A65	540	525.734	26	27	24.80
80A66	548	533.816	26	27	25.58
80A70	581	566.145	26	27	28.80
80A75	621	606.558	26	27	33.00
80A80	662	646.972	26	27	37.60
80A90	743	727.804	26	27	47.60

KANA

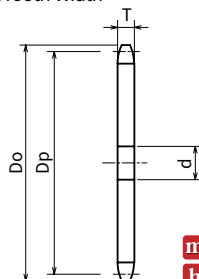
HG80A

● **Order No. Example**
HG 80A 20H

TYPE No. of Teeth



- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 15.0 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG80A10H	93	82.196	15	16	0.60
HG80A11H	102	90.156	15	16	0.70
HG80A12H	110	98.138	15	16	0.83
HG80A13H	118	106.136	16	17	1.00
HG80A14H	127	114.147	16	17	1.16
HG80A15H	135	122.167	20	21	1.30
HG80A16H	143	130.196	20	21	1.50
HG80A17H	151	138.232	20	21	1.70
HG80A18H	159	146.273	20	21	1.90
HG80A19H	167	154.319	20	21	2.10
HG80A20H	176	162.368	20	21	2.30
HG80A21H	184	170.421	20	21	2.57
HG80A22H	192	178.478	26	27	2.80
HG80A23H	200	186.536	26	27	3.10
HG80A24H	208	194.597	26	27	3.35
HG80A25H	216	202.660	26	27	3.60
HG80A26H	224	210.724	26	27	3.90
HG80A27H	233	218.790	26	27	4.25
HG80A28H	241	226.858	26	27	4.60
HG80A29H	249	234.926	26	27	4.90
HG80A30H	257	242.996	26	27	5.30
HG80A32H	273	259.138	26	27	6.00
HG80A33H	281	267.211	26	27	6.40
HG80A34H	289	275.284	26	27	6.80
HG80A35H	297	283.358	26	27	7.20
HG80A36H	306	291.432	26	27	7.60

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG80A38H	322	307.583	26	27	8.50
HG80A40H	338	323.736	26	27	9.40
HG80A42H	354	339.890	26	27	10.30
HG80A44H	370	356.046	26	27	11.40
HG80A45H	378	364.124	26	27	11.90
HG80A46H	387	372.203	26	27	12.40
HG80A48H	403	388.361	26	27	13.50
HG80A50H	419	404.520	26	27	14.70
HG80A52H	435	420.680	26	27	15.86
HG80A54H	451	436.840	26	27	17.20
HG80A55H	459	444.921	26	27	17.75
HG80A60H	500	485.326	26	27	21.10
HG80A65H	540	525.734	26	27	24.80
HG80A70H	581	566.145	26	27	28.80
HG80A75H	621	606.558	26	27	33.00

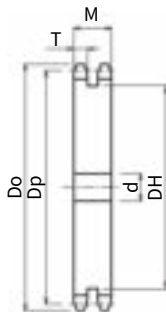
KANA

HG80-2A

● **Order No. Example**
HG 80-2A 22H
 TYPE No. of Teeth



- Chain **No.80-2**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 14.6 (Max.) mm**
- Total Tooth Width **(M) 43.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Intermediate Boss DH	Shape	Weight (kg)
			Pilot hole	Minimum			
HG80-2A22H	192	178.478	23	24	150	Ground Specification	7.49
HG80-2A23H	200	186.536	23	24	159		8.28
HG80-2A24H	208	194.597	23	24	167		9.04
HG80-2A25H	216	202.660	23	24	175		9.88
HG80-2A26H	224	210.724	23	24	183		10.70
HG80-2A27H	233	218.790	23	24	191		11.60
HG80-2A28H	241	226.858	23	24	199		12.50
HG80-2A30H	257	242.996	23	24	215		14.50
HG80-2A32H	273	259.138	28	29	232		16.50
HG80-2A35H	297	283.358	28	29	256		19.90
HG80-2A36H	306	291.432	28	29	264		21.10
HG80-2A38H	322	307.583	28	29	280		23.60
HG80-2A40H	338	323.736	33	34	297		26.20
HG80-2A42H	354	339.890	33	34	313		29.00
HG80-2A44H	370	356.046	33	34	329		31.90
HG80-2A45H	378	364.124	33	34	337		32.78
HG80-2A46H	387	372.203	33	34	345		35.00
HG80-2A48H	403	388.361	33	34	361		38.10
HG80-2A50H	419	404.520	33	34	378		41.60
HG80-2A60H	500	485.326	33	34	459		60.40

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

NK80B

● Order No. Example

NK80B 20

TYPE No. of Teeth

- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 15.0 (Max.) mm**

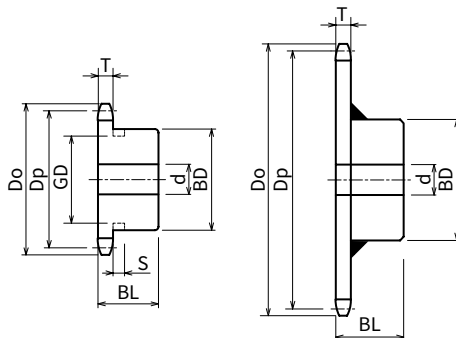


Ground Specification



Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK80B8	77	66.373	14	15	22	★49	40	Ground Specification	h m High-frequency Hardened Teeth Carbon Structural Steel	0.70
NK80B9	85	74.265	14	15	35	★58	40			0.87
NK80B10	93	82.196	15	16	32	52	40			1.00
NK80B11	102	90.156	15	16	38	60	40			1.25
NK80B12	110	98.138	15	16	45	67	40			1.60
NK80B13	118	106.136	16	17	51	77	40			1.90
NK80B14	127	114.147	16	17	51	77	40			2.10
NK80B15	135	122.167	20	21	63	93	40			2.70
NK80B16	143	130.196	20	21	63	93	40			2.90
NK80B17	151	138.232	20	21	63	93	40			2.95
NK80B18	159	146.273	20	21	63	93	40			3.15
NK80B19	167	154.319	20	21	63	93	40			3.40
NK80B20	176	162.368	20	21	63	93	40			3.60
NK80B21	184	170.421	20	21	63	93	40			3.85
NK80B22	192	178.478	26	27	75	107	45			5.00
NK80B23	200	186.536	26	27	75	107	45			5.23
NK80B24	208	194.597	26	27	75	107	45			5.50
NK80B25	216	202.660	26	27	75	107	45			5.80
NK80B26	224	210.724	26	27	75	107	45			6.10
NK80B27	233	218.790	26	27	75	107	45			6.40
NK80B28	241	226.858	26	27	75	107	45			6.75
NK80B29	249	234.926	26	27	75	107	45			7.10
NK80B30	257	242.996	26	27	75	107	45			7.40
NK80B31	265	251.067	26	27	75	107	45			7.80
NK80B32	273	259.138	26	27	75	107	45			8.15
NK80B33	281	267.211	26	27	75	107	45			8.50
NK80B34	289	275.284	26	27	75	107	45			8.90
NK80B35	297	283.358	26	27	75	107	45			9.30



Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK80B36	306	291.432	26	27	80	117	50	Ground Specification	 Carbon Structural Steel  High-frequency Hardened Teeth	10.60
NK80B37	314	299.507	26	27	80	117	50			11.00
NK80B38	322	307.583	26	27	80	117	50			11.40
NK80B39	330	315.659	26	27	80	117	50			11.90
NK80B40	338	323.736	26	27	80	117	50			12.40
NK80B41	346	331.813	26	27	80	117	50			12.80
NK80B42	354	339.890	26	27	80	117	50			13.30
NK80B43	362	347.968	26	27	80	117	50			13.80
NK80B44	370	356.046	26	27	80	117	50			14.30
NK80B45	378	364.124	26	27	80	117	50			14.90
NK80B46	387	372.203	26	27	80	117	50	Welded Specification	 Common Steel	15.30
NK80B47	395	380.281	26	27	80	117	50			15.70
NK80B48	403	388.361	26	27	80	117	50			16.60
NK80B50	419	404.520	26	27	80	117	50			17.65
NK80B52	435	420.680	26	27	80	117	50			18.70
NK80B53	443	428.760	26	27	80	117	50			19.30
NK80B54	451	436.840	26	27	80	117	50			20.00
NK80B55	459	444.921	26	27	80	117	50			20.60
NK80B56	468	453.002	26	27	80	117	50			21.30
NK80B58	484	469.164	26	27	80	117	50			22.55
NK80B59	492	477.245	26	27	80	117	50			23.50
NK80B60	500	485.326	26	27	80	117	50			24.20
NK80B65	540	525.734	26	27	89	127	63			29.70
NK80B70	581	566.145	26	27	89	127	63			33.60
NK80B75	621	606.558	26	27	89	127	63			37.90
NK80B80	662	646.972	26	27	95	137	71			44.50
NK80B90	743	727.804	26	27	95	137	71			53.00



Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
8	10.4	35
9		44

KANA

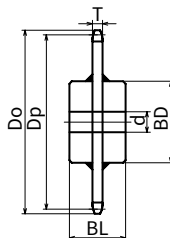
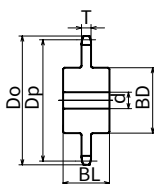
NK80C

● Order No. Example

NK80C 20

TYPE No. of Teeth

- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 15.0 (Max.) mm**



Ground Specification

Welded Specification

Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK80C10	93	82.196	15	16	30	53	60	Ground Specification	h m High-frequency Hardened Teeth Carbon Structural Steel	1.30
NK80C11	102	90.156	15	16	35	60	60			1.70
NK80C12	110	98.138	15	16	40	70	60			2.20
NK80C13	118	106.136	16	17	50	78	60			2.60
NK80C14	127	114.147	16	17	50	85	60			3.10
NK80C15	135	122.167	20	21	50	94	60			3.70
NK80C16	143	130.196	20	21	60	100	60			4.20
NK80C17	151	138.232	20	21	65	110	60			5.00
NK80C18	159	146.273	20	21	65	118	60			5.70
NK80C19	167	154.319	20	21	65	120	60			6.00
NK80C20	176	162.368	20	21	65	130	60			7.00
NK80C21	184	170.421	20	21	65	130	60			7.20
NK80C22	192	178.478	26	27	60	107	60			5.80
NK80C23	200	186.536	26	27	60	107	60			6.10
NK80C24	208	194.597	26	27	60	107	60			6.40
NK80C25	216	202.660	26	27	60	107	60			6.70
NK80C26	224	210.724	26	27	60	107	60			7.00
NK80C27	233	218.790	26	27	60	107	60			7.30
NK80C28	241	226.858	26	27	65	107	65			7.90
NK80C30	257	242.996	26	27	65	107	65			8.60
NK80C32	273	259.138	26	27	65	107	65			9.30
NK80C34	289	275.284	26	27	65	107	65			10.10
NK80C35	297	283.358	26	27	65	107	65			10.50
NK80C36	306	291.432	26	27	75	117	65			11.60
NK80C38	322	307.583	26	27	75	117	80			13.70
NK80C40	338	323.736	26	27	75	117	80			14.60
NK80C42	354	339.890	26	27	75	117	80			15.60
NK80C45	378	364.124	26	27	75	117	80			17.10
NK80C48	403	388.361	26	27	75	117	80	Welded Specification	m Carbon Structural Steel	18.80
NK80C50	419	404.520	26	27	75	117	80			19.90
NK80C54	451	436.840	26	27	75	117	80			22.40
NK80C60	500	485.326	26	27	75	117	80			26.40
NK80C65	540	525.734	26	27	80	127	90			32.00
NK80C70	581	566.145	26	27	80	127	90			36.00
NK80C75	621	606.558	26	27	80	127	90			40.20

KANA

K80B

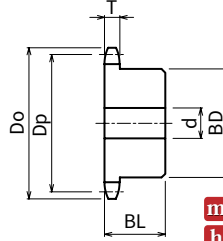
● Order No. Example

K 80B 15

TYPE No. of Teeth



- ChainNo.80
- Chain Pitch(P) 25.4 mm
- Bushing Link Inner Width(W) 15.88 mm
- Roller Outside Diameter(Dr) 15.88 mm
- Tooth Width(T) 15.0 (Max.) mm



- m Carbon Structural Steel
- h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
K80B10	93	82.196	15	16	32	55	50	Ground Specification	1.20
K80B11	102	90.156	15	16	38	60	50		1.40
K80B12	110	98.138	15	16	46	69	50		1.80
K80B13	118	106.136	16	17	51	77	50		2.20
K80B14	127	114.147	16	17	55	80	50		2.50
K80B15	135	122.167	20	21	55	80	50		2.60
K80B16	143	130.196	20	21	55	80	50		2.80
K80B17	151	138.232	20	21	60	90	50		3.40
K80B18	159	146.273	20	21	60	90	50		3.60
K80B19	167	154.319	20	21	60	90	50		3.80
K80B20	176	162.368	20	21	60	90	50		4.00
K80B21	184	170.421	20	21	60	90	50		4.30

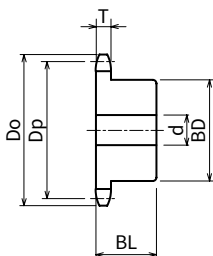
KANA

SUS80B

● **Order No. Example**
SUS 80B 20

TYPE No. of Teeth

- Chain **No.80**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 15.0 (Max.) mm**



m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS80B10	93	82.196	15	16	32	52	40	Ground Specification	1.00
SUS80B11	102	90.156	15	16	38	60	40		1.25
SUS80B12	110	98.138	15	16	45	67	40		1.60
SUS80B13	118	106.136	16	17	51	77	40		1.90
SUS80B14	127	114.147	16	17	51	77	40		2.10
SUS80B15	135	122.167	20	21	63	93	40		2.30
SUS80B16	143	130.196	20	21	63	93	40		2.50
SUS80B17	151	138.232	20	21	63	93	40		2.95
SUS80B18	159	146.273	20	21	63	93	40		3.15
SUS80B19	167	154.319	20	21	63	93	40		3.40
SUS80B20	176	162.368	20	21	63	93	40		3.60
SUS80B21	184	170.421	20	21	63	93	40		3.85
SUS80B22	192	178.478	26	27	63	93	45		4.50
SUS80B23	200	186.536	26	27	63	93	45		4.80
SUS80B24	208	194.597	26	27	63	93	45		5.10
SUS80B25	216	202.660	26	27	63	93	45		5.40
SUS80B26	224	210.724	26	27	63	93	45		5.70
SUS80B27	233	218.790	26	27	63	93	45		6.00
SUS80B28	241	226.858	26	27	63	93	45		6.30
SUS80B30	257	242.996	26	27	63	93	45		7.00
SUS80B32	273	259.138	26	27	63	93	45		7.70
SUS80B34	289	275.284	26	27	63	93	45		8.50
SUS80B35	297	283.358	26	27	63	93	45		8.90
SUS80B36	306	291.432	26	27	75	107	50		10.20
SUS80B38	322	307.583	26	27	75	107	50		11.10
SUS80B40	338	323.736	26	27	75	107	50		12.50

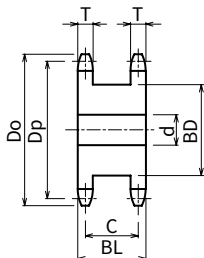
* Because no. of teeth 22-40 are shifting from welded to ground specification, inventory is mixed.

● Order No. Example

80SD 20

TYPE No. of Teeth

- Chain No.80
- Chain Pitch (P) 25.4 mm
- Bushing Link Inner Width ... (W) 15.88 mm
- Roller Outside Diameter ... (Dr) 15.88 mm
- Tooth Width (T) 15.0 (Max.) mm
(C) 45.0 (Min.) mm



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
			Pilot hole	Minimum	Maximum			
80SD10	93	82.196	20	21	32	52	60	1.60
80SD11	102	90.156	20	21	40	60	60	2.00
80SD12	110	98.138	20	21	46	67	60	2.40
80SD13	118	106.136	20	21	51	77	60	3.00
80SD14	127	114.147	20	21	57	85	60	3.60
80SD15	135	122.167	20	21	63	93	60	4.16
80SD16	143	130.196	20	21	70	102	60	4.89
80SD17	151	138.232	20	21	75	110	60	5.60
80SD18	159	146.273	23	24	80	118	60	6.30
80SD19	167	154.319	23	24	80	126	60	7.10
80SD20	176	162.368	23	24	95	134	60	8.00
80SD21	184	170.421	23	24	95	142	60	8.88
80SD22	192	178.478	23	24	106	151	60	9.90
80SD23	200	186.536	23	24	110	159	60	10.90
80SD24	208	194.597	23	24	115	167	60	11.90
80SD25	216	202.660	23	24	124	175	60	13.00
80SD26	224	210.724	23	24	130	183	60	14.20
80SD27	233	218.790	23	24	135	191	60	15.40
80SD28	241	226.858	23	24	140	199	60	16.60
80SD29	249	234.926	23	24	148	207	60	17.90
80SD30	257	242.996	23	24	155	216	60	19.40

KANA

NK80-2B

● Order No. Example
NK80-2B 20

TYPE No. of Teeth

Chain	.....	No.80-2
Chain Pitch	.....	(P) 25.4 mm
Bushing Link Inner Width	...	(W) 15.88 mm
Roller Outside Diameter	...	(Dr) 15.88 mm
Tooth Width	.....	(T) 14.6 (Max.) mm
Total Tooth Width	.....	(M) 43.9 (Max.) mm

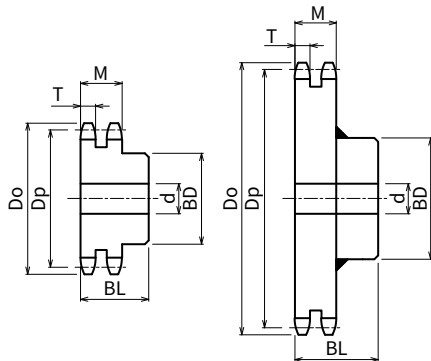


Ground Specification



Welded Specification
(Includes some with black oxide finish)

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK80-2B10	93	82.196	20	21	35	58	63	Ground Specification	h m Carbon Structural Steel High-frequency Hardened Teeth	1.70
NK80-2B11	102	90.156	20	21	38	60	63			2.00
NK80-2B12	110	98.138	20	21	46	69	63			2.50
NK80-2B13	118	106.136	20	21	55	80	63			3.10
NK80-2B14	127	114.147	20	21	60	88	63			3.70
NK80-2B15	135	122.167	20	21	63	95	63			4.30
NK80-2B16	143	130.196	20	21	66	100	71			5.40
NK80-2B17	151	138.232	20	21	66	100	71			6.00
NK80-2B18	159	146.273	23	24	80	120	71			7.20
NK80-2B19	167	154.319	23	24	80	120	71			7.80
NK80-2B20	176	162.368	23	24	89	130	71			8.90
NK80-2B21	184	170.421	23	24	89	130	71			9.60
NK80-2B22	192	178.478	23	24	80	117	71			9.80
NK80-2B23	200	186.536	23	24	80	117	71			10.50
NK80-2B24	208	194.597	23	24	80	117	80			12.00
NK80-2B25	216	202.660	23	24	80	117	80			12.80
NK80-2B26	224	210.724	23	24	80	117	80			13.70
NK80-2B27	233	218.790	23	24	80	117	80			14.60



Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK80-2B28	241	226.858	23	24	80	117	80	Ground Specification	Carbon Structural Steel High-frequency Hardened Teeth	15.50
NK80-2B30	257	242.996	23	24	80	117	80			17.50
NK80-2B32	273	259.138	28	29	80	117	80			19.40
NK80-2B35	297	283.358	28	29	80	117	80			22.80
NK80-2B36	306	291.432	28	29	80	117	80			24.00
NK80-2B37	314	299.507	28	35	80	117	80			26.00
NK80-2B38	322	307.583	28	29	89	127	80			27.00
NK80-2B40	338	323.736	33	34	89	127	90			30.50
NK80-2B42	354	339.890	33	34	89	127	90	Welded Specification	Common Steel	33.30
NK80-2B45	378	364.124	33	34	89	127	90			37.70
NK80-2B48	403	388.361	33	34	89	127	90			43.00
NK80-2B50	419	404.520	33	34	89	127	90			45.90
NK80-2B54	451	436.840	33	34	89	127	90			53.00
NK80-2B60	500	485.326	33	34	89	127	90			64.70
NK80-2B62	516	501.489	33	34	89	127	90			68.90
NK80-2B65	540	525.734	33	34	89	127	90			75.40
NK80-2B70	581	566.145	33	34	89	127	90			87.00

KANA

FBN100B

● **Order No. Example**
FBN100B12D38

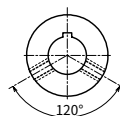
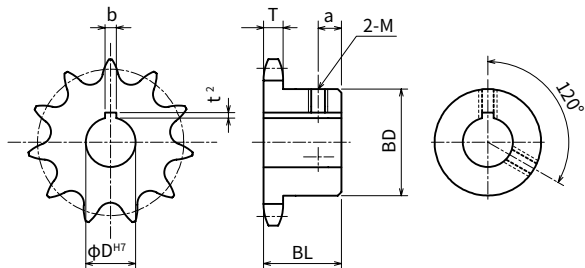
TYPE

No. of Teeth ϕD^{H7}

Chain **No.100**
 Chain Pitch **(P) 31.75 mm**
 Bushing Link Inner Width ... **(W) 19.05 mm**
 Roller Outside Diameter ... **(Dr) 19.05 mm**
 Tooth Width **(T) 18.0 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
FBN 100B	10	117	102.745	65	50	16	1.90	
	11	127	112.696	75	50	16	2.30	
	12	138	122.673	86	50	16	2.90	
	13	148	132.670	94	50	16	3.70	
	14	158	142.683	98	50	16	4.10	
	15	168	152.709	98	50	16	4.40	
	16	179	162.745	98	50	16	4.80	
	17	189	172.790	107	50	16	5.50	
	18	199	182.841	107	50	16	5.90	
	19	209	192.898	107	50	16	6.30	
	20	220	202.960	107	50	16	6.70	
	21	230	213.027	107	50	16	7.20	
	22	240	223.097	117	56	16	8.60	
	24	260	243.246	117	56	16	9.60	
	25	270	253.325	117	56	16	10.20	
	26	281	263.405	117	56	16	10.80	
	28	301	283.572	117	56	16	11.90	
	30	321	303.745	117	56	16	13.20	
	35	372	354.197	127	63	16	18.10	



φD^{H7} set screws with a □ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

φD ^{H7}	Keyway b × t ²	Set Screw M
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10
55	16 × 4.3	12
60~65	18 × 4.4	12
70	20 × 4.9	16
80	22 × 5.4	16

φD ^{H7}	No. of Teeth
25 28 30 32 35 38 40 42	10
25 28 30 32 35 38 40 42 45 48 50	11
25 28 30 32 35 38 40 42 45 48 50 55	12
25 28 30 32 35 38 40 42 45 48 50 55 60	13
25 28 30 32 35 38 40 42 45 48 50 55 60	14
32 35 38 40 42 45 48 50 55 60 65	15
38 45 48 50 55 60 65	16
38 40 45 48 50 55 60 70	17
35 38 40 45 48 50 55 60 70	18
38 45 50 55 60	19
38 45 48 50 55 60 65 70	20
45 50 55 60	21
50 55 60	22
55 60 70	24
50 60 70	25
50 60	26
60	28
50 55 60 65 70 80	30
60 70	35

KANA**FBN100B Surface Treatment****● Order No. Example****FBN100B12D38**

TYPE

No. of Teeth

 ϕD^{H7} **BK**
UC
CM

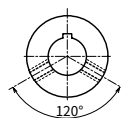
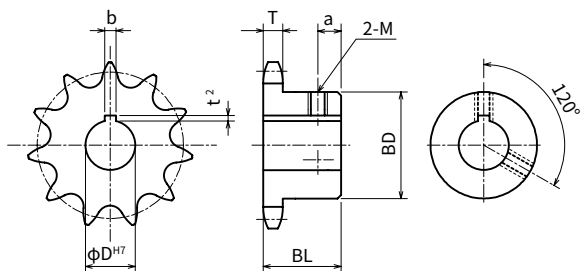
Surface Treatment Type

Surface Treatment

**BK** = Black Oxide Coating (Ferrosoferric Oxide Coating)**UC** = Trivalent UniChrome Plating (White)**CM** = Trivalent Chromate Plating (Yellow)**BK Type****UC Type****CM Type**

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	
FBN 100B	10	117	102.745	65	50	16	1.90	
	11	127	112.696	75	50	16	2.30	
	12	138	122.673	86	50	16	2.90	
	13	148	132.670	94	50	16	3.70	
	14	158	142.683	98	50	16	4.10	
	15	168	152.709	98	50	16	4.40	
	16	179	162.745	98	50	16	4.80	
	17	189	172.790	107	50	16	5.50	
	18	199	182.841	107	50	16	5.90	
	19	209	192.898	107	50	16	6.30	
	20	220	202.960	107	50	16	6.70	
	21	230	213.027	107	50	16	7.20	
	22	240	223.097	117	56	16	8.60	
	24	260	243.246	117	56	16	9.60	
	25	270	253.325	117	56	16	10.20	
	26	281	263.405	117	56	16	10.80	
	28	301	283.572	117	56	16	11.90	
	30	321	303.745	117	56	16	13.20	
	35	372	354.197	127	63	16	18.10	

- Chain **No.100**
- Chain Pitch **(P) 31.75 mm**
- Bushing Link Inner Width ... **(W) 19.05 mm**
- Roller Outside Diameter ... **(Dr) 19.05 mm**
- Tooth Width **(T) 18.0 (Max.) mm**



ϕD^{H7} set screws with a $\square$ symbol are set in places other than the keyway (left diagram).

m Carbon Structural Steel
h High-frequency Hardened Teeth

Shaft Hole Machined Specification

ϕD^{H7}	No. of Teeth
25 28 30 32 35 38 40 42	10
25 28 30 32 35 38 40 42 45 48 50	11
25 28 30 32 35 38 40 42 45 48 50 55	12
25 28 30 32 35 38 40 42 45 48 50 55 60	13
25 28 30 32 35 38 40 42 45 48 50 55 60	14
32 35 38 40 42 45 48 50 55 60 65	15
38 45 48 50 55 60 65	16
38 40 45 48 50 55 60 70	17
35 38 40 45 48 50 55 60 70	18
38 45 50 55 60	19
38 45 48 50 55 60 65 70	20
45 50 55 60	21
50 55 60	22
55 60 70	24
50 60 70	25
50 60	26
60	28
50 55 60 65 70 80	30
60 70	35

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12
60~65	18×4.4	12
70	20×4.9	16
80	22×5.4	16

KANA

SUSFBN100B

● Order No. Example
SUSFBN100B 20 D38

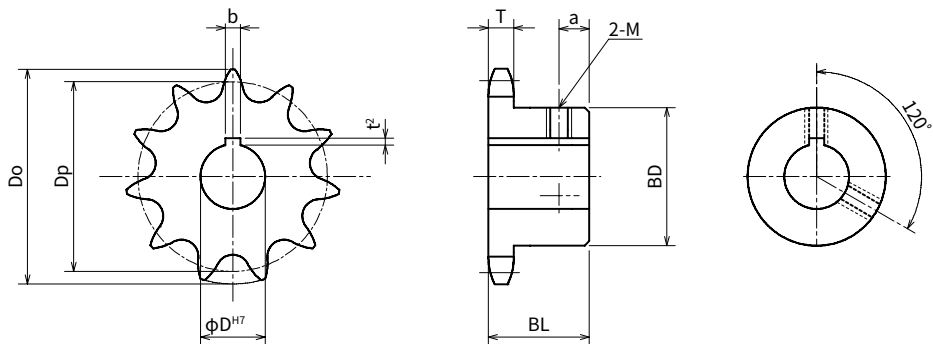
TYPE

No. of Teeth ϕD^{H7}

- Chain **No.100**
- Chain Pitch **(P) 31.75mm**
- Bushing Link Inner Width **(W) 19.05mm**
- Roller Outside Diameter **(Dr) 19.05mm**
- Tooth Width **(T) 18.0 (Max.) mm**



TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	
SUS FBN 100B	15	168	152.709	98	50	16	4.2	32 35 38 40	
	16	179	162.745	98	50	16	4.6	38 45 48 50	
	17	189	172.790	107	50	16	5.3	38 40 45 48 50	
	18	199	182.841	107	50	16	5.7	35 38 40 45 48 50	
	19	209	192.898	107	50	16	6.1	38 45 50 55	
	20	220	202.960	107	50	16	6.5	38 45 48 50	
	21	230	213.027	107	50	16	7.0	45 50	



m Stainless Steel **GB** 304

Shaft Hole Machined Specification

ϕD^{H7}	No. of Teeth
42 45 48 50 55 60 65	15
55 60 65	16
55 60 70	17
55 60 70	18
60	19
55 60 65 70	20
55 60	21

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10
55	16×4.3	12
60~65	18×4.4	12
70	20×4.9	16

KANA

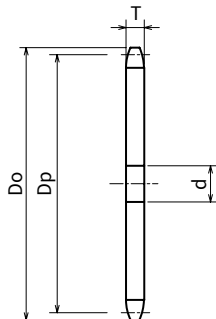
100A

● Order No. Example

100A 20

TYPE No. of Teeth

- Chain No.100
- Chain Pitch (P) 31.75 mm
- Bushing Link Inner Width ... (W) 19.05 mm
- Roller Outside Diameter ... (Dr) 19.05 mm
- Tooth Width (T) 18.0 (Max.) mm



 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
100A10	117	102.745	20	21	1.10
100A11	127	112.696	20	21	1.30
100A12	138	122.673	20	21	1.60
100A13	148	132.670	20	21	1.90
100A14	158	142.683	20	21	2.15
100A15	168	152.709	20	21	2.50
100A16	179	162.745	20	21	2.80
100A17	189	172.790	20	21	3.20
100A18	199	182.841	20	21	3.60
100A19	209	192.898	20	21	4.00
100A20	220	202.960	20	21	4.40
100A21	230	213.027	20	21	4.90
100A22	240	223.097	26	27	5.35
100A23	250	233.170	26	27	5.80
100A24	260	243.246	26	27	6.40
100A25	270	253.325	26	27	6.90
100A26	281	263.405	26	27	7.50
100A27	291	273.488	26	27	8.00
100A28	301	283.572	26	27	8.70
100A29	311	293.658	26	27	9.30
100A30	321	303.745	26	27	9.90
100A31	331	313.833	26	27	10.60
100A32	341	323.923	26	27	11.30
100A33	352	334.013	26	27	12.00
100A34	362	344.105	26	27	12.80

 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
100A35	372	354.197	26	27	13.50
100A36	382	364.290	26	27	14.30
100A37	392	374.384	26	27	15.00
100A38	402	384.479	26	27	16.00
100A39	412	394.574	26	27	16.80
100A40	422	404.669	26	27	17.70
100A41	433	414.766	26	27	18.60
100A42	443	424.862	26	27	19.50
100A43	453	434.959	26	27	20.50
100A44	463	445.057	26	27	21.40
100A45	473	455.155	26	27	22.40
100A46	483	465.253	26	27	23.40
100A48	503	485.451	26	27	25.50
100A50	524	505.650	26	27	27.70
100A52	544	525.849	26	27	29.90
100A54	564	546.050	26	27	32.30
100A60	625	606.657	26	27	39.90
100A65	675	657.168	26	27	46.80
100A70	726	707.681	26	27	54.30
100A75	777	758.197	30	31	62.30
100A80	827	808.715	30	31	70.90
100A90	928	909.755	30	31	89.70

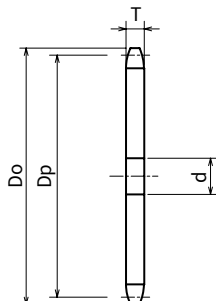
KANA

HG100A

● **Order No. Example**
HG100A 20H

TYPE No. of Teeth

- Chain **No.100**
- Chain Pitch **(P) 31.75 mm**
- Bushing Link Inner Width ... **(W) 19.05 mm**
- Roller Outside Diameter ... **(Dr) 19.05 mm**
- Tooth Width **(T) 18.0 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG100A10H	117	102.745	20	21	1.10
HG100A11H	127	112.696	20	21	1.30
HG100A12H	138	122.673	20	21	1.60
HG100A13H	148	132.670	20	21	1.90
HG100A14H	158	142.683	20	21	2.15
HG100A15H	168	152.709	20	21	2.50
HG100A16H	179	162.745	20	21	2.80
HG100A17H	189	172.790	20	21	3.20
HG100A18H	199	182.841	20	21	3.60
HG100A19H	209	192.898	20	21	4.00
HG100A20H	220	202.960	20	21	4.40
HG100A21H	230	213.027	20	21	4.90
HG100A22H	240	223.097	26	27	5.35
HG100A23H	250	233.170	26	27	5.80
HG100A24H	260	243.246	26	27	6.40
HG100A25H	270	253.325	26	27	6.90
HG100A26H	281	263.405	26	27	7.50
HG100A27H	291	273.488	26	27	8.00
HG100A28H	301	283.572	26	27	8.70
HG100A29H	311	293.658	26	27	9.30

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG100A30H	321	303.745	26	27	9.90
HG100A32H	341	323.923	26	27	11.30
HG100A33H	352	334.013	26	27	12.00
HG100A34H	362	344.105	26	27	12.80
HG100A35H	372	354.197	26	27	13.50
HG100A36H	382	364.290	26	27	14.30
HG100A38H	402	384.479	26	27	16.00
HG100A40H	422	404.669	26	27	17.70
HG100A42H	443	424.862	26	27	19.50
HG100A44H	463	445.057	26	27	21.40
HG100A45H	473	455.155	26	27	22.40
HG100A46H	483	465.253	26	27	23.40
HG100A48H	503	485.451	26	27	25.50
HG100A50H	524	505.650	26	27	27.70
HG100A52H	544	525.849	26	27	29.90
HG100A54H	564	546.050	26	27	32.30
HG100A55H	574	556.151	26	27	33.48
HG100A60H	625	606.657	26	27	39.90
HG100A65H	675	657.168	26	27	46.80
HG100A70H	726	707.681	26	27	54.30
HG100A75H	777	758.197	30	31	62.30

KANA

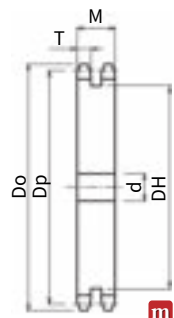
HG100-2A

● **Order No. Example**
HG100-2A 22H

TYPE No. of Teeth



- Chain **No.100-2**
- Chain Pitch **(P) 31.75 mm**
- Bushing Link Inner Width ... **(W) 19.05 mm**
- Roller Outside Diameter ... **(Dr) 19.05 mm**
- Tooth Width **(T) 17.6 (Max.) mm**
- Total Tooth Width **(M) 53.4 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Intermediate Boss DH	Shape	Weight (kg)
			Pilot hole	Minimum			
HG100-2A22H	240	223.097	28	29	188	Ground Specification	14.17
HG100-2A23H	250	233.170	28	29	199		15.62
HG100-2A24H	260	243.246	33	34	209		17.10
HG100-2A25H	270	253.325	33	34	219		18.65
HG100-2A26H	281	263.405	33	34	229		20.25
HG100-2A27H	291	273.488	33	34	239		21.93
HG100-2A28H	301	283.572	33	34	249		23.90
HG100-2A30H	321	303.745	33	34	270		27.40
HG100-2A32H	341	323.923	33	34	290		31.35
HG100-2A33H	352	334.013	33	34	300		33.41
HG100-2A34H	362	344.105	33	34	310		35.60
HG100-2A35H	372	354.197	33	34	320		37.80
HG100-2A36H	382	364.290	33	34	330		40.10
HG100-2A40H	422	404.669	33	34	371		49.84
HG100-2A45H	473	455.155	33	34	422		63.59
HG100-2A48H	503	485.451	33	34	452		72.58
HG100-2A50H	524	505.650	33	34	472		79.10
HG100-2A60H	625	606.657	33	34	573		114.90

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

NK100B

● **Order No. Example**
NK100B 20

TYPE No. of Teeth

Chain **No.100**
Chain Pitch **(P) 31.75 mm**
Bushing Link Inner Width ... **(W) 19.05 mm**
Roller Outside Diameter ... **(Dr) 19.05 mm**
Tooth Width **(T) 18.0 (Max.) mm**

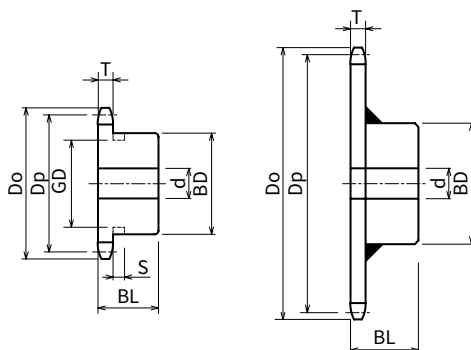


Ground Specification



Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK100B9	106	92.831	20	21	40	★70	50	Ground Specification	h m Carbon Structural Steel High-frequency Hardened Teeth	1.60
NK100B10	117	102.745	20	21	45	65	50			1.90
NK100B11	127	112.696	20	21	51	75	50			2.30
NK100B12	138	122.673	20	21	57	86	50			2.90
NK100B13	148	132.670	20	21	63	94	50			3.70
NK100B14	158	142.683	20	21	66	98	50			4.10
NK100B15	168	152.709	20	21	66	98	50			4.40
NK100B16	179	162.745	20	21	66	98	50			4.80
NK100B17	189	172.790	20	21	75	107	50			5.50
NK100B18	199	182.841	20	21	75	107	50			5.90
NK100B19	209	192.898	20	21	75	107	50			6.30
NK100B20	220	202.960	20	21	75	107	50			6.70
NK100B21	230	213.027	20	21	75	107	50			7.20
NK100B22	240	223.097	26	27	80	117	56			8.60
NK100B23	250	233.170	26	27	80	117	56			9.10
NK100B24	260	243.246	26	27	80	117	56			9.60
NK100B25	270	253.325	26	27	80	117	56			10.20
NK100B26	281	263.405	26	27	80	117	56			10.80
NK100B27	291	273.488	26	27	80	117	56			11.30
NK100B28	301	283.572	26	27	80	117	56			11.90
NK100B29	311	293.658	26	27	80	117	56			12.60
NK100B30	321	303.745	26	27	80	117	56			13.20



Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK100B32	341	323.923	26	27	80	117	56	Ground Specification	Carbon Structural Steel High-Frequency/Hardened Teeth	14.60
NK100B33	352	334.013	26	27	80	117	56			15.30
NK100B34	362	344.105	26	27	80	117	56			16.10
NK100B35	372	354.197	26	27	89	127	63			18.10
NK100B36	382	364.290	26	27	89	127	63	Welded Specification	Common Steel	18.90
NK100B37	392	374.384	26	27	89	127	63			19.70
NK100B38	402	384.479	26	27	89	127	63			20.50
NK100B39	412	394.574	26	27	89	127	63			21.40
NK100B40	422	404.669	26	27	89	127	63			22.30
NK100B41	433	414.766	26	27	89	127	63			23.20
NK100B42	443	424.862	26	27	89	127	63			24.10
NK100B45	473	455.155	26	27	89	127	63			27.00
NK100B47	493	475.352	26	27	89	127	63			29.00
NK100B48	503	485.451	26	27	89	127	63			30.10
NK100B50	524	505.650	26	27	89	127	63			32.20
NK100B54	564	546.050	26	27	103	147	80			40.60
NK100B55	574	556.151	26	27	103	147	80			41.90
NK100B60	625	606.657	26	27	103	147	80			48.20
NK100B65	675	657.168	26	27	103	147	80			55.20



Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
9	11.5	55

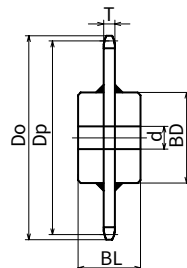
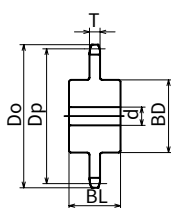
KANA

NK100C

● Order No. Example
NK100C 20

TYPE No. of Teeth

- Chain **No.100**
- Chain Pitch **(P) 31.75 mm**
- Bushing Link Inner Width ... **(W) 19.05 mm**
- Roller Outside Diameter ... **(Dr) 19.05 mm**
- Tooth Width **(T) 18.0 (Max.) mm**



Ground Specification

Welded Specification

Ground Specification

Welded Specification

	Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
				Pilot hole	Minimum	Maximum					
Couplings	NK100C10	117	102.745	20	21	42	65	55	Ground Specification	h m Carbon Structural Steel High-frequency Hardened Teeth	1.90
	NK100C11	127	112.696	20	21	46	75	55			2.50
	NK100C12	138	122.673	20	21	52	85	55			3.20
	NK100C13	148	132.670	20	21	60	95	60			4.10
	NK100C14	158	142.683	20	21	65	105	60			4.80
KanaLock	NK100C15	168	152.709	20	21	65	115	60			5.80
	NK100C16	179	162.745	20	21	65	120	60			6.50
	NK100C17	189	172.790	20	21	65	130	60			7.50
	NK100C18	199	182.841	20	21	65	140	60			8.60
	NK100C19	209	192.898	20	21	65	150	60			9.80
Shaft Collars	NK100C20	220	202.960	20	21	65	160	60			11.00
	NK100C21	230	213.027	20	21	65	108	75			8.90
	NK100C22	240	223.097	26	27	75	117	80			10.30
	NK100C24	260	243.246	26	27	75	117	80			11.40
	NK100C25	270	253.325	26	27	75	117	80			11.90
	NK100C26	281	263.405	26	27	75	117	80			12.50
	NK100C28	301	283.572	26	27	75	117	80			13.70
	NK100C30	321	303.745	26	27	75	117	80			14.90
	NK100C32	341	323.923	26	27	80	127	90			18.20
	NK100C34	362	344.105	26	27	80	127	90			19.70
Timing Pulleys/Flanges	NK100C35	372	354.197	26	27	80	127	90	Welded Specification	E Carbon Structural Steel	20.40
	NK100C36	382	364.290	26	27	80	127	90			21.20
	NK100C38	402	384.479	26	27	80	127	90			22.90
	NK100C40	422	404.669	26	27	80	127	90			24.60
	NK100C42	443	424.862	26	27	80	127	90			26.40
	NK100C45	473	455.155	26	27	80	127	90			29.30
	NK100C48	503	485.451	26	27	65	127	90			32.40
	NK100C50	524	505.650	26	27	65	127	90			34.60
	NK100C54	564	546.050	26	27	100	147	90			41.60
	NK100C60	625	606.657	26	27	100	147	100			50.50
Gears	NK100C70	726	707.681	26	27	100	147	100	Welded Specification	m Common Steel	64.90
	NK100C75	777	758.197	30	31	100	147	100			72.80

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

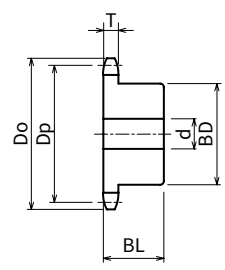
Access to Digital Catalog Information!

KANA

SUS100B

● **Order No. Example**
SUS 100B 20
 TYPE No. of Teeth

- Chain **No.100**
- Chain Pitch **(P) 31.75 mm**
- Bushing Link Inner Width ... **(W) 19.05 mm**
- Roller Outside Diameter ... **(Dr) 19.05 mm**
- Tooth Width **(T) 18.0 (Max.) mm**



m Stainless Steel **GB** 304

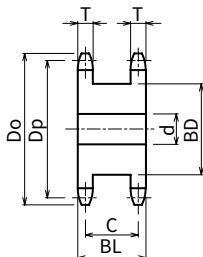
Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS100B15	168	152.709	20	21	66	98	50	Ground Specification	4.62
SUS100B16	179	162.745	20	21	66	98	50		5.06
SUS100B17	189	172.790	20	21	75	107	50		5.83
SUS100B18	199	182.841	20	21	75	107	50		6.27
SUS100B19	209	192.898	20	21	75	107	50		6.71
SUS100B20	220	202.960	20	21	75	107	50		7.15
SUS100B21	230	213.027	20	21	75	107	50		7.70

● Order No. Example

100SD 20

TYPE No. of Teeth

- Chain No.100
- Chain Pitch (P) 31.75 mm
- Bushing Link Inner Width ... (W) 19.05 mm
- Roller Outside Diameter ... (Dr) 19.05 mm
- Tooth Width (T) 18.0 (Max.) mm
- (C) 52.0 (Min.) mm



- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
			Pilot hole	Minimum	Maximum			
100SD12	138	122.673	23	24	58	86	70	4.60
100SD13	148	132.670	23	24	65	96	70	5.60
100SD14	158	142.683	23	24	75	107	70	6.70
100SD15	168	152.709	28	29	80	117	70	7.70
100SD16	179	162.745	28	29	85	127	70	8.90
100SD17	189	172.790	28	29	96	137	70	9.92
100SD18	199	182.841	28	29	106	148	70	11.60
100SD19	209	192.898	28	29	110	158	70	13.10
100SD20	220	202.960	28	29	115	168	70	14.70
100SD21	230	213.027	28	29	125	178	70	15.87

KANA**NK100-2B•NK100-2C**

● **Order No. Example**
NK100-2B 20

TYPE No. of Teeth

Chain	No.100-2
Chain Pitch	(P) 31.75 mm
Bushing Link Inner Width ...	(W) 19.05 mm
Roller Outside Diameter ...	(Dr) 19.05 mm
Tooth Width	(T) 17.6 (Max.) mm
Total Tooth Width	(M) 53.4 (Max.) mm

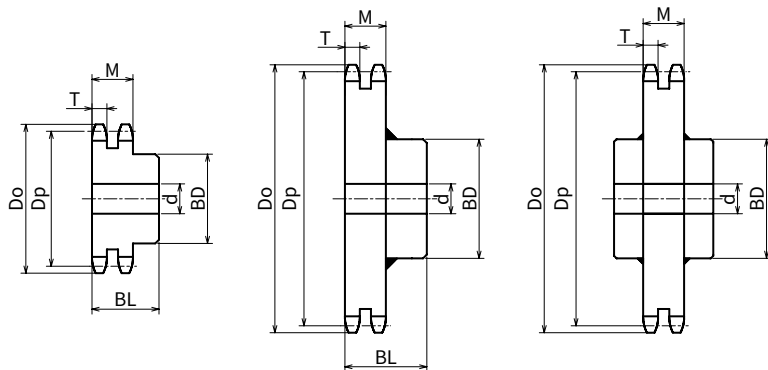


Ground Specification



Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK100-2B10	117	102.745	23	24	46	70	80	Ground Specification	Carbon Structural Steel High-frequency Hardened Teeth	3.30
NK100-2B11	127	112.696	23	24	55	80	80			4.10
NK100-2B12	138	122.673	23	24	60	90	80			5.10
NK100-2B13	148	132.670	23	24	66	100	80			6.20
NK100-2B14	158	142.683	23	24	75	110	80			7.40
NK100-2B15	168	152.709	28	29	80	120	80			8.50
NK100-2B16	179	162.745	28	29	89	130	80			9.90
NK100-2B17	189	172.790	28	29	89	130	80			10.90
NK100-2B18	199	182.841	28	29	89	130	80			12.00
NK100-2B19	209	192.898	28	29	89	130	90			14.10
NK100-2B20	220	202.960	28	29	89	130	90			15.40
NK100-2B21	230	213.027	28	29	89	130	90			16.60
NK100-2B22	240	223.097	28	29	89	127	90			17.80
NK100-2B23	250	233.170	28	29	89	127	90			19.20
NK100-2B24	260	243.246	33	34	95	137	90			21.20

Two-row B-type
Ground SpecificationTwo-row B-type
Welded SpecificationTwo-row C-type
Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK100-2B25	270	253.325	33	34	95	137	90	Ground Specification	 Carbon Structural Steel High-frequency Hardened Teeth	22.70
NK100-2B26	281	263.405	33	34	95	137	90			24.30
NK100-2B27	291	273.488	33	34	95	137	90			26.00
NK100-2B28	301	283.572	33	34	95	137	90			27.70
NK100-2B30	321	303.745	33	34	95	137	90			31.50
NK100-2B32	341	323.923	33	34	95	137	90	Welded Specification	 Common Steel	35.40
NK100-2B35	372	354.197	33	34	95	137	90			41.90
NK100-2B36	382	364.290	33	34	95	137	90			44.10
NK100-2B38	402	384.479	33	34	95	137	90			49.00
NK100-2B40	422	404.669	33	34	103	147	100			55.90
NK100-2B42	443	424.862	33	34	103	147	100			61.20
NK100-2B45	473	455.155	33	34	103	147	100			69.70
NK100-2B48	503	485.451	33	34	103	147	100			78.70
NK100-2B50	524	505.650	33	34	103	147	100			85.00
NK100-2B54	564	546.050	33	34	103	147	100			98.60
NK100-2C60	625	606.657	33	34	103	147	125	Welded Specification	 Common Steel	94.10

KANA

FBN120B

● Order No. Example

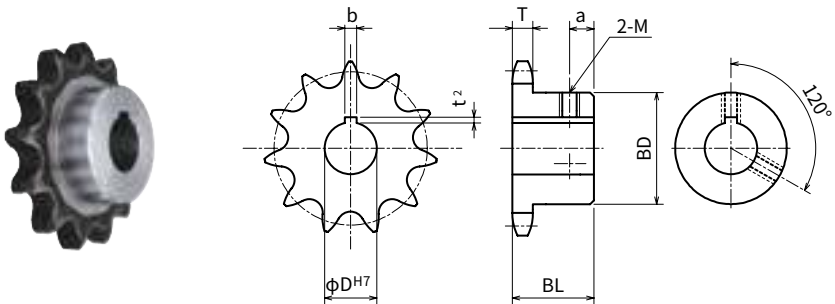
FBN120B13D45

TYPE

No. of Teeth

ϕD^{H7}

- Chain No.120
- Chain Pitch (P) 38.10 mm
- Bushing Link Inner Width (W) 25.40 mm
- Roller Outside Diameter (Dr) 22.23 mm
- Tooth Width (T) 24.0 (Max.) mm



m Carbon Structural Steel

h High-frequency Hardened Teeth

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	No. of Teeth
FBN120B	12	165	147.207	98	56	16	4.80	65	12
	13	177	159.204	98	56	16	5.30	45 48 50 55 60 63	13
	14	190	171.220	107	56	16	6.30	45 48 50 55 60 65 70	14
	15	202	183.251	117	63	16	7.80	45 48 50 55 60 65 70	15
	16	214	195.294	117	63	16	8.80	50 60 70	16
	17	227	207.347	117	63	16	9.10	60 70	17
	18	239	219.409	117	63	16	9.90	50 60 70	18
	19	251	231.478	117	63	16	10.70	50 60	19
	20	263	243.552	127	63	16	12.10	50 60 70 80	20
	21	276	255.632	127	63	16	13.00	50 60	21
	24	312	291.895	127	63	16	16.30	80	24
	25	324	303.990	127	63	16	17.30	70	25
	30	385	364.494	137	71	16	24.70	70	30

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
45~50	14×3.8	10
55	16×4.3	12
60~65	18×4.4	12
70	20×4.9	16
80	22×5.4	16

● Order No. Example FBN120B13D45

TYPE

No. of Teeth

ϕD^{H7}

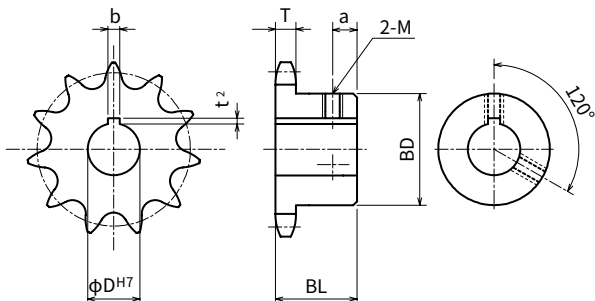
BK
UC
CM

Surface Treatment Type

Surface Treatment	BK	= Black Oxide Coating (Ferrosoferric Oxide Coating)
	UC	= Trivalent UniChrome Plating (White)
	CM	= Trivalent Chromate Plating (Yellow)



BK Type



- Chain **No.120**
- Chain Pitch **(P) 38.10 mm**
- Bushing Link Inner Width ... **(W) 25.40 mm**
- Roller Outside Diameter ... **(Dr) 22.23 mm**
- Tooth Width **(T) 24.0 (Max.) mm**

- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

TYPE	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}	No. of Teeth
FBN 120B	12	165	147.207	98	56	16	4.80	65	12
	13	177	159.204	98	56	16	5.30	45 48 50 55 60 63	13
	14	190	171.220	107	56	16	6.30	45 48 50 55 60 65 70	14
	15	202	183.251	117	63	16	7.80	45 48 50 55 60 65 70	15
	16	214	195.294	117	63	16	8.80	50 60 70	16
	17	227	207.347	117	63	16	9.10	60 70	17
	18	239	219.409	117	63	16	9.90	50 60 70	18
	19	251	231.478	117	63	16	10.70	50 60	19
	20	263	243.552	127	63	16	12.10	50 60 70 80	20
	21	276	255.632	127	63	16	13.00	50 60	21
	24	312	291.895	127	63	16	16.30	80	24
	25	324	303.990	127	63	16	17.30	70	25
	30	385	364.494	137	71	16	24.70	70	30

Shaft Hole Machined Specification

ϕD^{H7}	Keyway $b \times t^2$	Set Screw M
45~50	14×3.8	10
55	16×4.3	12
60~65	18×4.4	12
70	20×4.9	16
80	22×5.4	16

KANA

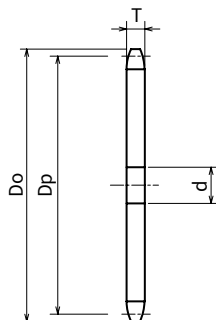
120A

● Order No. Example

120A 20

TYPE No. of Teeth

- Chain No.120
- Chain Pitch (P) 38.10 mm
- Bushing Link Inner Width ... (W) 25.40 mm
- Roller Outside Diameter ... (Dr) 22.23 mm
- Tooth Width (T) 24.0 (Max.) mm



 Common Steel

	Product Model Number	Outer Diameter D _o	Pitch Diameter D _p	Shaft Hole Diameter d		Weight (kg)
				Pilot hole	Minimum	
Couplings	120A10	140	123.294	23	24	2.10
	120A11	153	135.235	25	26	2.60
	120A12	165	147.207	25	26	3.10
	120A13	177	159.204	25	26	3.60
	120A14	190	171.220	25	26	4.20
KanaLock	120A15	202	183.251	25	26	4.80
	120A16	214	195.294	25	26	5.40
	120A17	227	207.347	25	26	6.10
	120A18	239	219.409	25	26	6.90
	120A19	251	231.478	25	26	7.70
Shaft Collars	120A20	263	243.552	25	26	8.50
	120A21	276	255.632	25	26	9.40
	120A22	288	267.716	26	27	10.30
	120A23	300	279.804	26	27	11.30
	120A24	312	291.895	26	27	12.30
Timing Pulleys/Flanges	120A25	324	303.990	26	27	13.30
	120A26	337	316.086	26	27	14.40
	120A27	349	328.185	26	27	15.50
	120A28	361	340.287	26	27	16.70
	120A29	373	352.389	26	27	17.80
Gears	120A30	385	364.494	26	27	19.20
	120A31	398	376.600	30	31	20.40
	120A32	410	388.708	30	31	21.80
	120A33	422	400.816	30	31	23.20
	120A34	434	412.926	30	31	24.60

 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
120A35	446	425.037	30	31	26.00
120A36	458	437.148	30	31	27.60
120A38	483	461.374	30	31	30.70
120A40	507	485.603	30	31	34.00
120A42	531	509.835	30	31	37.50
120A44	556	534.068	30	31	41.20
120A45	568	546.186	30	31	43.10
120A46	580	558.304	30	31	45.00
120A48	604	582.541	30	31	49.00
120A50	628	606.779	30	31	53.20
120A54	677	655.260	30	31	62.10
120A60	750	727.989	30	31	76.70
120A70	871	849.218	30	31	104.30
120A75	932	909.837	30	31	119.80
120A80	993	970.458	30	31	136.30

KANA

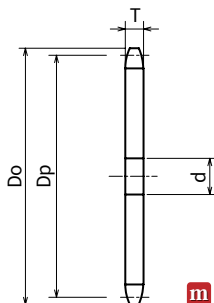
HG120A

● **Order No. Example**
HG120A 20H

TYPE No. of Teeth



- Chain **No.120**
- Chain Pitch **(P) 38.10 mm**
- Bushing Link Inner Width ... **(W) 25.40 mm**
- Roller Outside Diameter ... **(Dr) 22.23 mm**
- Tooth Width **(T) 24.0 (Max.) mm**



- m Carbon Structural Steel
- h High-frequency Hardened Teeth

	Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
				Pilot hole	Minimum	
Couplings	HG120A10H	140	123.294	23	24	2.10
	HG120A11H	153	135.235	25	26	2.60
	HG120A12H	165	147.207	25	26	3.10
	HG120A13H	177	159.204	25	26	3.60
	HG120A14H	190	171.220	25	26	4.20
KanaLock	HG120A15H	202	183.251	25	26	4.80
	HG120A16H	214	195.294	25	26	5.40
	HG120A17H	227	207.347	25	26	6.10
	HG120A18H	239	219.409	25	26	6.90
	HG120A19H	251	231.478	25	26	7.70
Shaft Collars	HG120A20H	263	243.552	25	26	8.50
	HG120A21H	276	255.632	25	26	9.40
	HG120A22H	288	267.716	26	27	10.30
	HG120A23H	300	279.804	26	27	11.30
	HG120A24H	312	291.895	26	27	12.30
Timing Pulleys/Flanges	HG120A25H	324	303.990	26	27	13.30
	HG120A26H	337	316.086	26	27	14.40
	HG120A27H	349	328.185	26	27	15.50
	HG120A28H	361	340.287	26	27	16.70
	HG120A29H	373	352.389	26	27	17.80
Gears	HG120A30H	385	364.494	26	27	19.20
	HG120A32H	410	388.708	30	31	21.80
	HG120A34H	434	412.926	30	31	24.60
	HG120A35H	446	425.037	30	31	26.00
	HG120A36H	458	437.148	30	31	27.60

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG120A38H	483	461.374	30	31	30.70
HG120A40H	507	485.603	30	31	34.00
HG120A42H	531	509.835	30	31	37.50
HG120A44H	556	534.068	30	31	41.20
HG120A45H	568	546.186	30	31	43.10
HG120A46H	580	558.304	30	31	45.00
HG120A48H	604	582.541	30	31	49.00
HG120A50H	628	606.779	30	31	53.20
HG120A52H	653	631.019	30	31	57.60
HG120A54H	677	655.260	30	31	62.10
HG120A55H	689	667.381	30	31	64.40
HG120A60H	750	727.989	30	31	76.70
HG120A65H	811	788.601	30	31	90.00
HG120A70H	871	849.218	30	31	104.30
HG120A75H	932	909.837	30	31	119.80

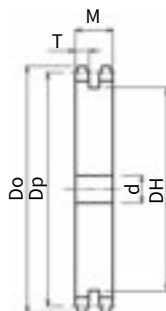
KANA

HG120-2A

● **Order No. Example**
HG120-2A 22H

TYPE No. of Teeth

- Chain **No.120-2**
- Chain Pitch **(P) 38.10 mm**
- Bushing Link Inner Width ... **(W) 25.40 mm**
- Roller Outside Diameter ... **(Dr) 22.23 mm**
- Tooth Width **(T) 23.5 (Max.) mm**
- Total Tooth Width **(M) 68.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Intermediate Boss DH	Shape	Weight (kg)
			Pilot hole	Minimum			
HG120-2A22H	288	267.716	33	34	226	Ground Specification	26.74
HG120-2A24H	312	291.895	33	34	251		32.19
HG120-2A25H	324	303.990	33	34	263		35.05
HG120-2A28H	361	340.287	33	34	299		44.41
HG120-2A30H	385	364.494	33	34	324		51.35
HG120-2A32H	410	388.708	33	34	348		58.69
HG120-2A35H	446	425.037	33	34	384		70.62
HG120-2A40H	507	485.603	38	39	445		93.08
HG120-2A50H	628	606.779	38	39	567		147.40
HG120-2A52H	653	631.019	38	39	591		159.70

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

NK120B

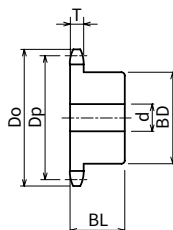
● **Order No. Example**
NK120B 20

TYPE No. of Teeth

- Chain **No.120**
- Chain Pitch **(P) 38.10 mm**
- Bushing Link Inner Width ... **(W) 25.40 mm**
- Roller Outside Diameter ... **(Dr) 22.23 mm**
- Tooth Width **(T) 24.0 (Max.) mm**



Ground Specification



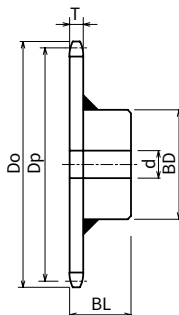
Ground Specification

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
NK120B10	140	123.294	23	24	51	78	56	Ground Specification	3.20
NK120B11	153	135.235	25	26	60	91	56		4.00
NK120B12	165	147.207	25	26	66	98	56		4.80
NK120B13	177	159.204	25	26	66	98	56		5.30
NK120B14	190	171.220	25	26	75	107	56		6.30
NK120B15	202	183.251	25	26	80	117	63		7.80
NK120B16	214	195.294	25	26	80	117	63		8.80
NK120B17	227	207.347	25	26	80	117	63		9.10
NK120B18	239	219.409	25	26	80	117	63		9.90
NK120B19	251	231.478	25	26	80	117	63		10.70
NK120B20	263	243.552	25	26	89	127	63		12.10
NK120B21	276	255.632	25	26	89	127	63		13.00
NK120B22	288	267.716	26	27	89	127	63		13.40
NK120B23	300	279.804	26	27	89	127	63		15.30
NK120B24	312	291.895	26	27	89	127	63		16.30
NK120B25	324	303.990	26	27	89	127	63		17.30
NK120B26	337	316.086	26	27	89	127	63		18.40
NK120B28	361	340.287	26	27	95	137	71		22.30
NK120B30	385	364.494	26	27	95	137	71		24.70



Welded Specification



Welded Specification

 Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
NK120B32	410	388.708	30	31	95	137	71	Welded Specification	27.40
NK120B33	422	400.816	30	31	95	137	71		28.70
NK120B34	434	412.926	30	31	95	137	71		30.20
NK120B35	446	425.037	30	31	95	137	71		31.60
NK120B36	458	437.148	30	31	95	137	71		33.20
NK120B38	483	461.374	30	31	95	137	71		36.30
NK120B40	507	485.603	30	31	103	147	80		41.70
NK120B42	531	509.835	30	31	103	147	80		45.20
NK120B45	568	546.186	30	31	103	147	80		50.70
NK120B48	604	582.541	30	31	103	147	80		56.70
NK120B50	628	606.779	30	31	103	147	80		60.80

KANA

NK120C

● Order No. Example
NK120C 30

TYPE No. of Teeth

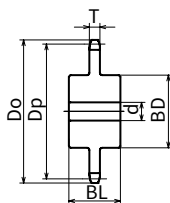
- Chain **No.120**
- Chain Pitch **(P) 38.10mm**
- Bushing Link Inner Width ... **(W) 25.40mm**
- Roller Outside Diameter ... **(Dr) 22.23mm**
- Tooth Width **(T) 24.0 (Max.) mm**



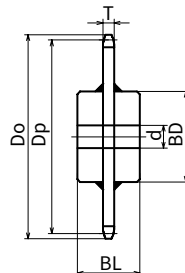
Ground Specification



Welded Specification



Ground Specification



Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK120C22	288	267.716	26	27	80	127	80	Ground Specification	Carbon Structural Steel	15.50
NK120C23	300	279.804	26	27	80	127	80			16.40
NK120C24	312	291.895	26	27	80	127	80			17.40
NK120C25	324	303.990	26	27	80	127	80			18.50
NK120C26	337	316.086	26	27	80	127	80			19.60
NK120C27	349	328.185	26	27	80	127	80			20.90
NK120C28	361	340.287	26	27	90	137	100			25.00
NK120C30	385	364.494	26	27	90	137	100			27.40
NK120C32	410	388.708	30	31	90	137	100	Welded Specification	Common Steel	29.70
NK120C34	434	412.826	30	31	90	137	100			33.00
NK120C35	446	425.037	30	31	90	137	100			34.50
NK120C36	458	437.148	30	31	90	137	100			36.00
NK120C38	483	461.374	30	31	100	147	100			40.50
NK120C40	507	485.603	30	31	100	147	100			43.80
NK120C42	531	509.835	30	31	100	147	110			49.00
NK120C45	568	546.186	30	31	100	147	110			54.10
NK120C48	604	582.541	30	31	100	147	110			61.00
NK120C50	628	606.779	30	31	100	147	110			64.30
NK120C54	677	655.260	30	31	100	147	100			71.80
NK120C60	750	727.989	30	31	100	167	100			89.40

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

NK120-2B•NK120-2C

●

Order No. Example

NK120-2B 20

TYPE

No. of Teeth

- Chain

Chain Pitch

Bushing Link Inner Width

Roller Outside Diameter

Tooth Width

Total Tooth Width

No.120-2

(P) 38.10 mm

(W) 25.40 mm

(Dr) 22.23 mm

(T) 23.5 (Max.) mm

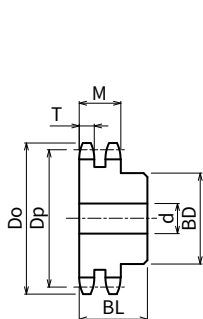
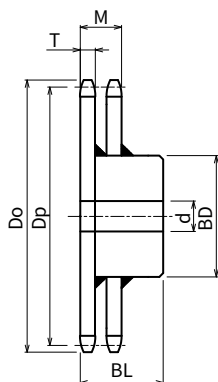
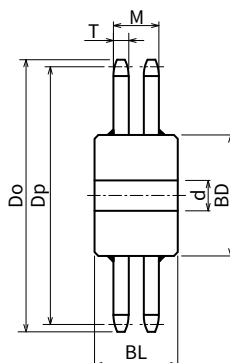
(M) 68.9 (Max.) mm



Ground Specification

Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK120-2B10	140	123.294	26	27	55	80	100	Ground Specification	h m Carbon Structural Steel High-frequency Hardened Teeth	6.00
NK120-2B11	153	135.235	26	27	60	90	100			7.50
NK120-2B12	165	147.207	28	29	66	100	100			9.00
NK120-2B13	177	159.204	28	29	75	115	100			11.10
NK120-2B14	190	171.220	28	29	80	120	100			12.90
NK120-2B15	202	183.251	33	34	80	120	100			14.30
NK120-2B16	214	195.294	33	34	95	140	100			16.50
NK120-2B17	227	207.347	33	34	95	140	100			19.00
NK120-2B18	239	219.409	33	34	103	150	100			21.00
NK120-2B19	251	231.478	33	34	103	150	100			23.80
NK120-2B20	263	243.552	33	34	103	150	100			26.00
NK120-2B21	276	255.632	33	34	103	150	100			28.00

Two-row B-type
Ground SpecificationTwo-row B-type
Welded SpecificationTwo-row C-type
Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK120-2B22	288	267.716	33	34	103	147	100	Welded Specification	Common Steel	29.70
NK120-2B23	300	279.804	33	34	103	147	100			31.00
NK120-2B24	312	291.895	33	34	110	157	100			34.90
NK120-2B25	324	303.990	33	34	110	157	100			36.90
NK120-2B26	337	316.086	33	34	110	157	100			39.00
NK120-2B27	349	328.185	33	34	110	157	100			41.20
NK120-2B28	361	340.287	33	34	110	157	100			43.50
NK120-2B30	385	364.494	33	34	110	157	100			48.30
NK120-2B32	410	388.708	33	34	110	157	100			53.40
NK120-2B35	446	425.037	33	34	110	157	100			61.60
NK120-2B36	458	437.148	38	39	110	157	100	Welded Specification	Common Steel	64.40
NK120-2B38	483	461.374	38	39	110	157	100			70.40
NK120-2C40	507	485.603	38	39	125	177	140			88.50
NK120-2C42	531	509.835	38	39	125	177	140			95.20
NK120-2C45	568	546.186	38	39	125	177	140			106.00
NK120-2C48	604	582.541	38	39	125	177	140			117.50
NK120-2C50	628	606.779	38	39	125	177	140			125.50
NK120-2C54	677	655.260	38	39	125	177	140			142.60
NK120-2C60	750	727.989	38	39	125	177	160			180.50

KANA

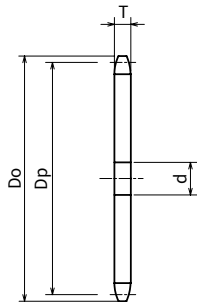
140A

● Order No. Example

140A 20

TYPE No. of Teeth

- Chain No.140
- Chain Pitch (P) 44.45 mm
- Bushing Link Inner Width ... (W) 25.40 mm
- Roller Outside Diameter ... (Dr) 25.40 mm
- Tooth Width (T) 24.0 (Max.) mm



m Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
140A10	163	143.843	26	27	2.90
140A11	178	157.774	26	27	3.50
140A12	193	171.742	26	27	4.20
140A13	207	185.738	26	27	4.90
140A14	221	199.756	26	27	5.70
140A15	236	213.793	26	27	6.50
140A16	250	227.843	26	27	7.40
140A17	264	241.905	26	27	8.40
140A18	279	255.977	26	27	9.40
140A19	293	270.057	26	27	10.50
140A20	307	284.145	26	27	11.60
140A21	322	298.238	26	27	12.80
140A22	336	312.336	30	31	14.00
140A23	350	326.438	30	31	15.30
140A24	364	340.545	30	31	16.70
140A25	379	354.655	30	31	18.10
140A26	393	368.767	30	31	19.60
140A28	421	397.001	30	31	22.70
140A30	450	425.243	30	31	26.00
140A32	478	453.492	30	31	29.70
140A34	506	481.747	30	31	33.50
140A35	521	495.876	30	31	35.50
140A36	535	510.007	30	31	37.60
140A38	563	538.270	30	31	41.80
140A40	591	566.537	30	31	46.40
140A42	620	594.807	30	31	51.10
140A45	662	637.217	30	31	58.70
140A48	705	679.631	30	31	66.80
140A50	733	707.909	30	31	72.50
140A54	790	764.470	35	36	84.50
140A60	875	849.320	35	36	104.00

KANA

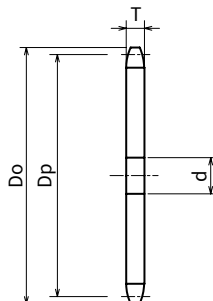
HG140A

● **Order No. Example**
HG140A 20H

TYPE No. of Teeth



- Chain **No.140**
- Chain Pitch **(P) 44.45 mm**
- Bushing Link Inner Width ... **(W) 25.40 mm**
- Roller Outside Diameter ... **(Dr) 25.40 mm**
- Tooth Width **(T) 24.0 (Max.) mm**



- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG140A10H	163	143.843	26	27	2.90
HG140A11H	178	157.774	26	27	3.50
HG140A12H	193	171.742	26	27	4.20
HG140A13H	207	185.738	26	27	4.90
HG140A14H	221	199.756	26	27	5.70
HG140A15H	236	213.793	26	27	6.50
HG140A16H	250	227.843	26	27	7.40
HG140A17H	264	241.905	26	27	8.40
HG140A18H	279	255.977	26	27	9.40
HG140A19H	293	270.057	26	27	10.50
HG140A20H	307	284.145	26	27	11.60
HG140A21H	322	298.238	26	27	12.80
HG140A22H	336	312.336	30	31	14.00
HG140A23H	350	326.438	30	31	15.30
HG140A24H	364	340.545	30	31	16.70
HG140A25H	379	354.655	30	31	18.10
HG140A26H	393	368.767	30	31	19.60
HG140A27H	407	382.883	30	31	21.10
HG140A28H	421	397.001	30	31	22.70
HG140A30H	450	425.243	30	31	26.00
HG140A32H	478	453.492	30	31	29.70
HG140A35H	521	495.876	30	31	35.50
HG140A38H	563	538.270	30	31	41.80
HG140A40H	591	566.537	30	31	46.40
HG140A45H	662	637.217	30	31	58.70
HG140A48H	705	679.631	30	31	66.80
HG140A50H	733	707.909	30	31	72.50
HG140A60H	875	849.320	35	36	104.00

KANA

HG140-2A

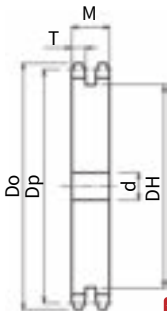
● Order No. Example

HG140-2A 15H

TYPE

No. of Teeth

- Chain **No.140-2**
- Chain Pitch **(P) 44.45 mm**
- Bushing Link Inner Width ... **(W) 25.40 mm**
- Roller Outside Diameter ... **(Dr) 25.40 mm**
- Tooth Width **(T) 24.0 (Max.) mm**
- Total Tooth Width **(M) 71.6 (Max.) mm**



- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Intermediate Boss DH	Shape	Weight (kg)
			Pilot hole	Minimum			
HG140-2A15H	236	213.793	38	39	164	Ground Specification	16.50
HG140-2A16H	250	227.843	38	39	178		19.00
HG140-2A18H	279	255.977	38	39	207		24.60
HG140-2A20H	307	284.145	38	39	235		30.90
HG140-2A22H	336	312.336	38	39	264		37.90
HG140-2A24H	364	340.545	38	39	292		45.60
HG140-2A25H	379	354.655	38	39	307		49.80
HG140-2A28H	421	397.001	38	39	349		63.20
HG140-2A30H	450	425.243	38	39	378		73.07

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA**NK140B•NK140C**

● **Order No. Example**
NK140B 20

TYPE No. of Teeth

■ Chain **No.140**
 ■ Chain Pitch **(P) 44.45 mm**
 ■ Bushing Link Inner Width ... **(W) 25.40 mm**
 ■ Roller Outside Diameter ... **(Dr) 25.40 mm**
 ■ Tooth Width **(T) 24.0 (Max.) mm**

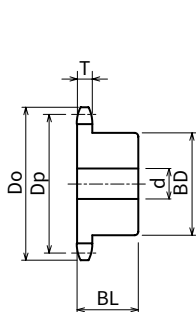


Ground Specification

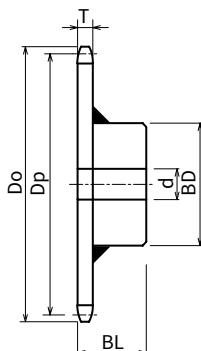


Welded Specification

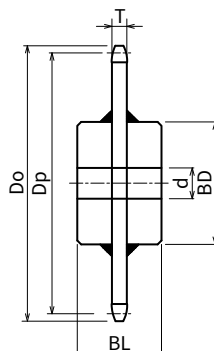
Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK140B10	163	143.843	26	27	66	98	56	Ground Specification	 Carbon Structural Steel High-frequency Hardened Teeth	4.90
NK140B11	178	157.774	26	27	70	106	56			5.50
NK140B12	193	171.742	26	27	80	117	56			6.60
NK140B13	207	185.738	26	27	80	117	63			7.90
NK140B14	221	199.756	26	27	89	127	63			9.30
NK140B15	236	213.793	26	27	89	127	63			10.10
NK140B16	250	227.843	26	27	89	127	63			11.00
NK140B17	264	241.905	26	27	89	127	63			12.00
NK140B18	279	255.977	26	27	89	127	63			13.00
NK140B19	293	270.057	26	27	95	137	71			15.60
NK140B20	307	284.145	26	27	95	137	71			16.70
NK140B21	322	298.238	26	27	95	137	71			17.90
NK140B22	336	312.336	30	31	95	137	71	Welded Specification	 Common Steel	19.60
NK140B23	350	326.438	30	31	95	137	71			20.90
NK140B24	364	340.545	30	31	95	137	71			22.30
NK140B25	379	354.655	30	31	103	147	80			25.70
NK140B26	393	368.767	30	31	103	147	80			27.20
NK140B27	407	382.883	30	31	103	147	80			28.70
NK140B28	421	397.001	30	31	103	147	80			30.30
NK140B30	450	425.243	30	31	103	147	80			33.70
NK140B32	478	453.492	30	31	103	147	80			37.30
NK140B35	521	495.876	30	31	110	157	90			45.70



B Type
Ground Specification



B Type
Welded Specification



C Type
Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK140B36	535	510.007	30	31	110	157	90	Welded Specification	Common Steel	47.80
NK140B38	563	538.270	30	31	110	157	90			52.10
NK140B40	591	566.537	30	31	110	157	90			56.60
NK140B42	620	594.807	30	31	110	157	90			61.30
NK140C45	662	637.217	30	31	110	167	100			71.40
NK140C48	705	679.631	30	31	110	167	100			79.50
NK140C50	733	707.909	30	31	110	167	100			85.20
NK140C54	790	764.470	35	36	110	167	100			97.10
NK140C60	875	849.320	35	36	110	167	112			118.90

KANA

160A

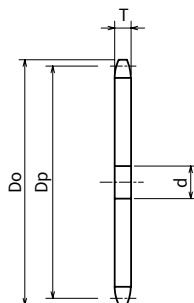
● Order No. Example

160A 20

TYPE No. of Teeth



- Chain No.160
- Chain Pitch (P) 50.80 mm
- Bushing Link Inner Width ... (W) 31.75 mm
- Roller Outside Diameter ... (Dr) 28.58 mm
- Tooth Width (T) 30.0 (Max.) mm



m Common Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
160A10	187	164.392	26	27	4.80
160A11	204	180.313	26	27	5.80
160A12	220	196.276	26	27	6.90
160A13	237	212.272	26	27	8.10
160A14	253	228.293	26	27	9.30
160A15	269	244.335	30	31	10.70
160A16	286	260.392	30	31	12.10
160A17	302	276.463	30	31	13.70
160A18	319	292.546	30	31	15.40
160A19	335	308.637	30	31	17.10
160A20	351	324.737	30	31	19.00
160A21	368	340.843	30	31	20.90
160A22	384	356.955	35	36	22.90
160A23	400	373.072	35	36	25.00
160A24	416	389.194	35	36	27.20
160A25	433	405.319	35	36	29.60
160A26	449	421.448	35	36	32.00
160A27	465	437.581	35	36	34.50
160A28	481	453.715	35	36	37.10
160A30	514	485.992	35	36	42.60
160A32	546	518.277	35	36	48.50
160A34	579	550.577	35	36	54.70
160A35	595	566.716	35	36	58.00
160A36	611	582.865	35	36	61.40
160A38	644	615.166	35	36	68.40
160A40	676	647.471	35	36	75.10
160A45	757	728.248	35	36	95.90
160A48	806	776.721	35	36	109.00
160A50	838	809.039	35	36	118.40
160A54	903	873.680	35	36	138.10
160A60	1,000	970.652	35	36	170.00

KANA

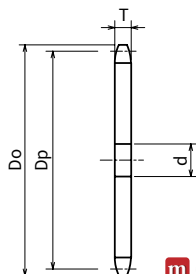
HG160A

● Order No. Example
HG160A 20H

TYPE No. of Teeth



- ChainNo.160
- Chain Pitch(P) 50.80 mm
- Bushing Link Inner Width ... (W) 31.75 mm
- Roller Outside Diameter ... (Dr) 28.58 mm
- Tooth Width(T) 30.0 (Max.) mm



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG160A10H	187	164.392	26	27	4.80
HG160A11H	204	180.313	26	27	5.80
HG160A12H	220	196.276	26	27	6.90
HG160A13H	237	212.272	26	27	8.10
HG160A14H	253	228.293	26	27	9.30
HG160A15H	269	244.335	30	31	10.70
HG160A16H	286	260.392	30	31	12.10
HG160A17H	302	276.463	30	31	13.70
HG160A18H	319	292.546	30	31	15.40
HG160A19H	335	308.637	30	31	17.10
HG160A20H	351	324.737	30	31	19.00
HG160A21H	368	340.843	30	31	20.90
HG160A22H	384	356.955	35	36	22.90
HG160A23H	400	373.072	35	36	25.00
HG160A24H	416	389.194	35	36	27.20
HG160A25H	433	405.319	35	36	29.60
HG160A26H	449	421.448	35	36	32.00
HG160A27H	465	437.581	35	36	34.50
HG160A28H	481	453.715	35	36	37.10
HG160A30H	514	485.992	35	36	42.60
HG160A32H	546	518.277	35	36	48.50
HG160A35H	595	566.716	35	36	58.00
HG160A38H	644	615.166	35	36	68.40
HG160A40H	676	647.471	35	36	75.10
HG160A42H	708	679.780	35	36	83.50
HG160A45H	757	728.248	35	36	95.90
HG160A48H	806	776.721	35	36	109.00
HG160A50H	838	809.039	35	36	118.40
HG160A60H	1,000	970.652	35	36	170.00

KANA

HG160-2A

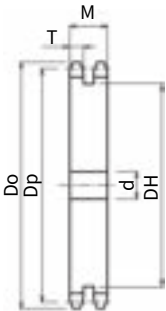
● Order No. Example

HG160-2A 13H

TYPE

No. of Teeth

- Chain **No.160-2**
- Chain Pitch **(P) 50.80 mm**
- Bushing Link Inner Width ... **(W) 31.75 mm**
- Roller Outside Diameter ... **(Dr) 28.58 mm**
- Tooth Width **(T) 29.3 (Max.) mm**
- Total Tooth Width **(M) 87.8 mm**



- Carbon Structural Steel
- High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Intermediate Boss DH	Shape	Weight (kg)
			Pilot hole	Minimum			
HG160-2A13H	237	212.272	38	39	155	Ground Specification	19.50
HG160-2A14H	253	228.293	38	39	171		22.90
HG160-2A15H	269	244.335	38	39	187		26.60
HG160-2A16H	286	260.392	38	39	204		30.70
HG160-2A17H	302	276.463	38	39	220		35.00
HG160-2A18H	319	292.546	38	39	237		39.60
HG160-2A19H	335	308.637	38	39	253		44.50
HG160-2A20H	351	324.737	38	39	269		49.60
HG160-2A21H	368	340.843	38	39	285		55.00
HG160-2A22H	384	356.955	38	39	302		60.80
HG160-2A26H	449	421.448	38	39	367		86.40
HG160-2A30H	514	485.992	38	39	432		116.53

KANA

NK160B・NK160C

● Order No. Example
NK160B 20

TYPE No. of Teeth

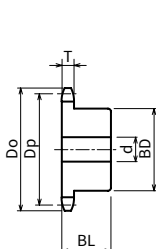


Ground Specification

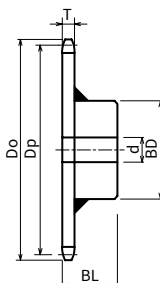


Welded Specification
(Includes some with black oxide finish)

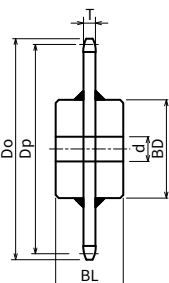
- ChainNo.160
- Chain Pitch(P) 50.80 mm
- Bushing Link Inner Width ... (W) 31.75 mm
- Roller Outside Diameter ... (Dr) 28.58 mm
- Tooth Width (T) 30.0 (Max.) mm



B Type
Ground Specification



B Type
Welded Specification



C Type
Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
NK160B10	187	164.392	26	27	70	105	63	Ground Specification	 Carbon Structural Steel High-frequency Hardened Teeth	6.80
NK160B11	204	180.313	26	27	80	117	63			8.30
NK160B12	220	196.276	26	27	89	127	63			9.90
NK160B13	237	212.272	26	27	95	137	71			12.50
NK160B14	253	228.293	26	27	95	137	71			13.80
NK160B15	269	244.335	30	31	95	137	71			15.20
NK160B16	286	260.392	30	31	103	147	71			17.40
NK160B17	302	276.463	30	31	103	147	71			18.90
NK160B18	319	292.546	30	31	103	147	71			20.60
NK160B19	335	308.637	30	31	103	147	71			22.30
NK160B20	351	324.737	30	31	103	147	71	Welded Specification	 Common Steel	24.20
NK160B21	368	340.843	30	31	103	147	71			26.10
NK160B22	384	356.955	35	36	118	167	80			30.20
NK160B24	416	389.194	35	36	118	167	80			34.40
NK160B25	433	405.319	35	36	118	167	80			36.60
NK160B26	449	421.448	35	36	118	167	80			38.90
NK160B30	514	485.992	35	36	118	167	100			54.90
NK160B32	546	518.277	35	36	118	167	100			60.80
NK160B35	595	566.716	35	36	118	167	100			70.30
NK160C40	676	647.471	35	36	110	167	112			Welded Specification	Common Steel	89.30
NK160C45	757	728.248	35	36	130	187	125	115.80		
NK160C48	806	776.721	35	36	130	187	125	129.00		
NK160C50	838	809.039	35	36	130	187	125	138.30		
NK160C54	903	873.680	35	36	130	187	125	158.00		
NK160C60	1.000	970.652	35	36	130	187	125	190.40		

KANA

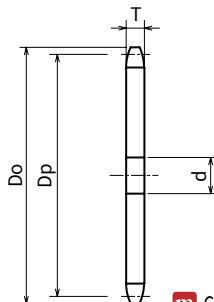
HG180A

● **Order No. Example**
HG180A 20H

TYPE No. of Teeth



- Chain **No.180**
- Chain Pitch **(P) 57.15 mm**
- Bushing Link Inner Width ... **(W) 35.72 mm**
- Roller Outside Diameter ... **(Dr) 35.71 mm**
- Tooth Width **(T) 33.7 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG180A12H	248	220.811	35	36	9.70
HG180A14H	285	256.830	35	36	13.20
HG180A15H	303	274.876	35	36	15.10
HG180A16H	322	292.941	35	36	17.20
HG180A17H	340	311.021	35	36	19.40
HG180A18H	358	329.114	35	36	21.80
HG180A20H	395	365.329	35	36	26.90
HG180A21H	413	383.448	35	36	29.70
HG180A22H	432	401.574	35	36	32.60
HG180A24H	468	437.843	35	36	38.80
HG180A25H	487	455.984	35	36	42.10
HG180A30H	578	546.741	35	36	60.60
HG180A32H	615	583.061	35	36	68.90
HG180A35H	669	637.555	35	36	82.50
HG180A38H	724	692.062	35	36	97.20

KANA

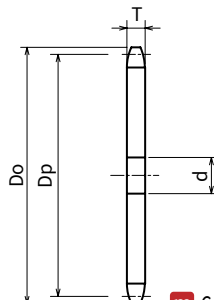
HG200A

● Order No. Example
HG200A 20H

TYPE No. of Teeth



- Chain No.200
- Chain Pitch (P) 63.50 mm
- Bushing Link Inner Width ... (W) 38.10 mm
- Roller Outside Diameter ... (Dr) 39.68 mm
- Tooth Width (T) 36.0 (Max.) mm



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
			Pilot hole	Minimum	
HG200A11H	254	225.391	35	36	10.70
HG200A12H	275	245.345	35	36	12.80
HG200A13H	296	265.340	35	36	15.00
HG200A14H	316	285.366	35	36	17.40
HG200A15H	337	305.418	35	36	20.00
HG200A16H	357	325.490	35	36	22.70
HG200A17H	378	345.579	35	36	25.70
HG200A18H	398	365.682	35	36	28.80
HG200A19H	419	385.796	35	36	32.10
HG200A20H	439	405.921	35	36	35.60
HG200A21H	459	426.054	35	36	39.20
HG200A22H	480	446.194	35	36	43.00
HG200A24H	520	486.492	35	36	51.10
HG200A25H	541	506.649	35	36	55.60
HG200A26H	561	526.811	35	36	60.10
HG200A28H	602	567.144	35	36	69.70
HG200A30H	642	607.490	35	36	79.90
HG200A32H	683	647.846	35	36	91.10
HG200A35H	744	708.395	35	36	108.90
HG200A40H	845	809.339	35	36	142.00
HG200A45H	946	910.310	40	41	180.00

KANA

HG240A

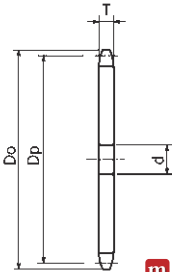
● Order No. Example

HG240A 20H

TYPE

No. of Teeth

- ChainNo.240
- Chain Pitch(P) 76.20 mm
- Bushing Link Inner Width ... (W) 47.63 mm
- Roller Outside Diameter ... (Dr) 47.63 mm
- Tooth Width(T) 45.0 (Max.) mm



m Carbon Structural Steel

h High-frequency Hardened Teeth

Product Model Number	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight (kg)
				Pilot hole	Minimum	
HG240A11H	11	305	270.469	43	44	19.40
HG240A12H	12	330	294.414	43	44	20.60
HG240A13H	13	355	318.408	43	44	24.40
HG240A14H	14	380	342.440	43	44	28.60
HG240A15H	15	404	366.502	63	64	32.50
HG240A16H	16	429	390.588	63	64	37.30
HG240A17H	17	453	414.695	63	64	42.40
HG240A18H	18	478	438.818	63	64	51.30
HG240A19H	19	502	462.956	63	64	57.20
HG240A20H	20	527	487.105	63	64	59.20
HG240A21H	21	551	511.264	63	64	70.00
HG240A22H	22	576	535.433	63	64	72.30
HG240A24H	24	625	583.791	63	64	86.80
HG240A25H	25	649	607.979	63	64	99.40
HG240A26H	26	673	632.173	63	64	107.60
HG240A28H	28	722	680.573	63	64	119.60

KANA

Katayama Chain Homepage

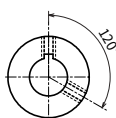
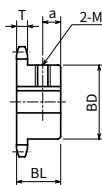
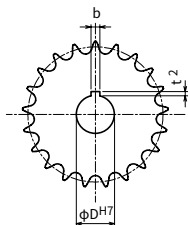
<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA**FBN2040B•2050B•2060B**

● **Order No. Example**
FBN2040B91/2D35

TYPE No. of Active Teeth ϕD^{H7}

**Shaft Hole Machined Specification**

Shaft Hole Diameter D	Keyway b × t ²	Set Screw M
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10

FBN2040B

Chain **No.C2040**
 Chain Pitch **(P) 25.4 mm**
 Bushing Link Inner Width **(W) 7.95 mm**

Roller Outside Diameter **(Dr) 7.92 mm**
 Tooth Width **(T) 7.3 (Max.) mm**

m Carbon Structural Steel
h High-frequency Hardened Teeth

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2040B	9 1/2	19	84	78.226	60	25	7	0.70	20 25 30 35 40
	10 1/2	21	92	86.173	69	25	7	0.90	20 25 30 35 40
	11 1/2	23	100	94.145	77	25	7	1.00	20 25 30 35 40
	12 1/2	25	108	102.135	63	25	7	0.90	20 25 30 35 40

FBN2050B

Chain **No.C2050**
 Chain Pitch **(P) 31.75 mm**
 Bushing Link Inner Width **(W) 9.53 mm**

Roller Outside Diameter **(Dr) 10.16 mm**
 Tooth Width **(T) 8.9 (Max.) mm**

m Carbon Structural Steel
h High-frequency Hardened Teeth

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2050B	7 1/2	15	84	78.060	54	25	8	0.60	36
	9 1/2	19	105	97.783	73	28	8	1.10	20 25 30 35
	10 1/2	21	115	107.717	73	28	8	1.30	20 25 30 35
	11 1/2	23	125	117.681	73	28	8	1.40	20 25 30 35
	12 1/2	25	135	127.669	73	28	8	1.50	20 25 30 35

FBN2060B

Chain **No.C2060H**
 Chain Pitch **(P) 38.10 mm**
 Bushing Link Inner Width **(W) 12.70 mm**

Roller Outside Diameter **(Dr) 11.91 mm**
 Tooth Width **(T) 11.9 (Max.) mm**

m Carbon Structural Steel
h High-frequency Hardened Teeth

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2060B	9 1/2	19	126	117.339	83	40	12	2.20	25 30 35 40 50
	10 1/2	21	138	129.260	83	40	12	2.40	25 30 35 40
	11 1/2	23	150	141.217	83	45	12	2.80	25 30 35 40
	12 1/2	25	162	153.203	83	45	12	3.10	25 30 35 40

● Order No. Example FBN2040B91/2D35

TYPE

No. of Active Teeth ϕD^{H7}

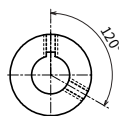
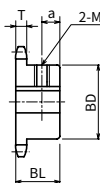
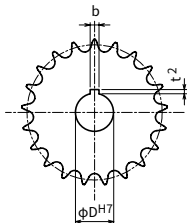
BK
UC
CM

Surface Treatment Type

Surface Treatment	BK	= Black Oxide Coating (Ferrosoferric Oxide Coating)
	UC	= Trivalent UniChrome Plating (White)
	CM	= Trivalent Chromate Plating (Yellow)



BK Type



Shaft Hole Machined Specification

Shaft Hole Diameter D	Keyway b × t²	Set Screw M
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10

FBN2040B

- Chain No.C2040
- Chain Pitch (P) 25.4 mm
- Bushing Link Inner Width (W) 7.95 mm

- Roller Outside Diameter ... (Dr) 7.92 mm
- Tooth Width (T) 7.3 (Max.) mm

- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2040B	9 1/2	19	84	78.226	60	25	7	0.70	20 25 30 35 40
	10 1/2	21	92	86.173	69	25	7	0.90	20 25 30 35 40
	11 1/2	23	100	94.145	77	25	7	1.00	20 25 30 35 40
	12 1/2	25	108	102.135	63	25	7	0.90	20 25 30 35 40

FBN2050B

- Chain No.C2050
- Chain Pitch (P) 31.75 mm
- Bushing Link Inner Width (W) 9.53 mm

- Roller Outside Diameter ... (Dr) 10.16 mm
- Tooth Width (T) 8.9 (Max.) mm

- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	D^{H7}
FBN 2050B	7 1/2	15	84	78.060	54	25	8	0.60	36
	9 1/2	19	105	97.783	73	28	8	1.10	20 25 30 35
	10 1/2	21	115	107.717	73	28	8	1.30	20 25 30 35
	11 1/2	23	125	117.681	73	28	8	1.40	20 25 30 35
	12 1/2	25	135	127.669	73	28	8	1.50	20 25 30 35

FBN2060B

- Chain No.C2060H
- Chain Pitch (P) 38.10 mm
- Bushing Link Inner Width (W) 12.70 mm

- Roller Outside Diameter ... (Dr) 11.91 mm
- Tooth Width (T) 11.9 (Max.) mm

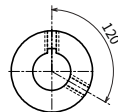
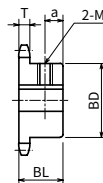
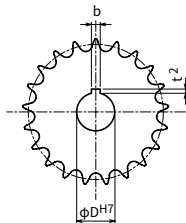
- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2060B	9 1/2	19	126	117.339	83	40	12	2.20	25 30 35 40 50
	10 1/2	21	138	129.260	83	40	12	2.40	25 30 35 40
	11 1/2	23	150	141.217	83	45	12	2.80	25 30 35 40
	12 1/2	25	162	153.203	83	45	12	3.10	25 30 35 40

KANA**FBN2080B•2100B**

● **Order No. Example**
FBN2080B91/2D35

TYPE No. of Active Teeth ϕD^{H7}

**FBN2080B**

Chain **No.C2080H**
 Chain Pitch **(P) 50.80 mm**
 Bushing Link Inner Width **(W) 15.88 mm**

Roller Outside Diameter **(Dr) 15.88 mm**
 Tooth Width **(T) 15.0 (Max.) mm**

m Carbon Structural Steel
h High-frequency Hardened Teeth
 ☆ Non-hardened

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2080B	9 1/2	19	167	156.452	93	40	12	3.60	30 35 40 45
	10 1/2	21	184	172.346	93	40	12	4.00	30 35 40
	10 1/2	21	184	172.346	93	40	12	4.00	45
	☆ 11 1/2	23	200	188.290	107	45	10	5.30	30 35 40 45
	☆ 12 1/2	25	216	204.270	107	45	10	5.90	30 35 40 45

FBN2100B

Chain **No.C2100H**
 Chain Pitch **(P) 63.50 mm**
 Bushing Link Inner Width **(W) 19.05 mm**

Roller Outside Diameter **(Dr) 19.05 mm**
 Tooth Width **(T) 18.0 (Max.) mm**

m Carbon Structural Steel
h High-frequency Hardened Teeth

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2100B	9 1/2	19	209	195.565	107	50	16	6.40	30 35 40 45 50

Shaft Hole Machined Specification

Shaft Hole Diameter D	Keyway b × t ²	Set Screw M
30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10

● Order No. Example FBN2080B91/2D35

TYPE

No. of Active Teeth ϕD^{H7}

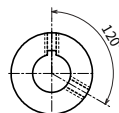
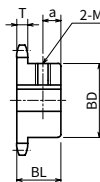
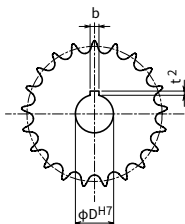
BK
UC
CM

Surface Treatment Type

Surface Treatment	BK	= Black Oxide Coating (Ferrosoferric Oxide Coating)
	UC	= Trivalent UniChrome Plating (White)
	CM	= Trivalent Chromate Plating (Yellow)



BK Type



FBN2080B

- Chain No.C2080H
- Chain Pitch (P) 50.80 mm
- Bushing Link Inner Width (W) 15.88 mm

- Roller Outside Diameter (Dr) 15.88 mm
- Tooth Width (T) 15.0 (Max.) mm

- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth
- ☆ Non-hardened

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2080B	9 1/2	19	167	156.452	93	40	12	3.60	30 35 40 45
	10 1/2	21	184	172.346	93	40	12	4.00	30 35 40
	10 1/2	21	184	172.346	93	40	12	4.00	45
	☆11 1/2	23	200	188.290	107	45	10	5.30	30 35 40 45
	☆12 1/2	25	216	204.270	107	45	10	5.90	30 35 40 45

FBN2100B

- Chain No.C2100H
- Chain Pitch (P) 63.50 mm
- Bushing Link Inner Width (W) 19.05 mm

- Roller Outside Diameter (Dr) 19.05 mm
- Tooth Width (T) 18.0 (Max.) mm

- m** Carbon Structural Steel
- h** High-frequency Hardened Teeth

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	D^{H7}
FBN 2100B	9 1/2	19	209	195.565	107	50	16	6.40	30 35 40 45 50

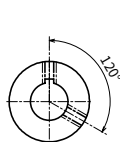
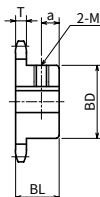
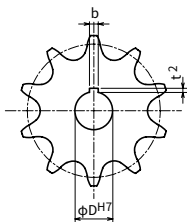
Shaft Hole Machined Specification

Shaft Hole Diameter D	Keyway b × t ²	Set Screw M
30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10

KANA**FBN2042B•2052B**

● **Order No. Example**
FBN2042B11D30

TYPE No. of Active Teeth ϕD^{H7}

**Shaft Hole Machined Specification**

Shaft Hole Diameter D	Keyway $b \times t^2$	Set Screw M
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8

FBN2042B

ChainNo.C2042

Chain Pitch(P) 25.4 mm

Bushing Link Inner Width(W) 7.95 mm

Roller Outside Diameter(Dr) 15.88 mm

Tooth Width(T) 7.3 (Max.) mm

m Carbon Structural Steel

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2042B	10	93	82.196	63	25	7	0.70	25 30 35
	11	102	90.156	63	25	7	0.77	25 30 35
	12	108	98.138	63	25	7	0.84	25 30 35
	13	118	106.136	63	25	7	1.00	25 30 35
	14	127	114.147	63	25	7	1.00	25 30 35
	16	143	130.196	68	28	8	1.30	25 30 35

FBN2052B

ChainNo.C2052

Chain Pitch(P) 31.75 mm

Bushing Link Inner Width(W) 9.53 mm

Roller Outside Diameter(Dr) 19.05 mm

Tooth Width(T) 8.9 (Max.) mm

m Carbon Structural Steel

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2052B	10	116	102.745	73	28	8	1.20	25 30 35 40
	11	127	112.696	73	28	8	1.30	25 30 35 40
	12	138	122.673	73	28	8	1.40	25 30 35 40
	13	148	132.670	73	28	8	1.60	25 30 35 40
	14	158	142.683	73	28	8	1.70	25 30 35 40
	15	168	152.709	73	28	8	1.90	25 30 35 40
	18	199	182.841	83	35	10	2.90	25 30 35 40
	20	220	202.960	83	35	10	3.30	25 30 35 40

● Order No. Example FBN2042B11D30

TYPE No. of Active Teeth ϕD^{H7}

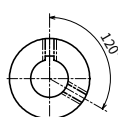
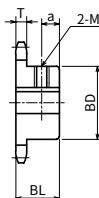
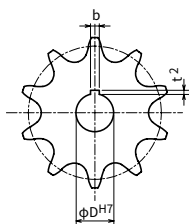
BK
UC
CM

Surface Treatment Type

Surface Treatment		BK	= Black Oxide Coating (Ferrosferric Oxide Coating)
		UC	= Trivalent UniChrome Plating (White)
		CM	= Trivalent Chromate Plating (Yellow)



BK Type



Shaft Hole Machined Specification

Shaft Hole Diameter D	Keyway b × t²	Set Screw M
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8

FBN2042B

Chain **No.C2042**
Chain Pitch **(P) 25.4 mm**
Bushing Link Inner Width **(W) 7.95 mm**

Roller Outside Diameter **(Dr) 15.88 mm**
Tooth Width **(T) 7.3 (Max.) mm**

 Carbon Structural Steel

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2042B	10	93	82.196	63	25	7	0.70	25 30 35
	11	102	90.156	63	25	7	0.77	25 30 35
	12	108	98.138	63	25	7	0.84	25 30 35
	13	118	106.136	63	25	7	1.00	25 30 35
	14	127	114.147	63	25	7	1.00	25 30 35
	16	143	130.196	68	28	8	1.30	25 30 35

FBN2052B

Chain **No.C2052**
Chain Pitch **(P) 31.75 mm**
Bushing Link Inner Width **(W) 9.53 mm**

Roller Outside Diameter **(Dr) 19.05 mm**
Tooth Width **(T) 8.9 (Max.) mm**

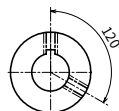
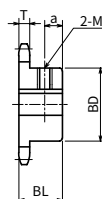
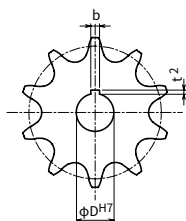
 Carbon Structural Steel

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2052B	10	116	102.745	73	28	8	1.20	25 30 35 40
	11	127	112.696	73	28	8	1.30	25 30 35 40
	12	138	122.673	73	28	8	1.40	25 30 35 40
	13	148	132.670	73	28	8	1.60	25 30 35 40
	14	158	142.683	73	28	8	1.70	25 30 35 40
	15	168	152.709	73	28	8	1.90	25 30 35 40
	18	199	182.841	83	35	10	2.90	25 30 35 40
	20	220	202.960	83	35	10	3.30	25 30 35 40

KANA**FBN2062B•2082B**

● **Order No. Example**
FBN2062B11D30

TYPE No. of Active Teeth ϕD^{H7}

**FBN2062B**

Chain **No.C2062H**
 Chain Pitch **(P) 38.10 mm**
 Bushing Link Inner Width **(W) 12.70 mm**

Roller Outside Diameter **(Dr) 22.23 mm**
 Tooth Width **(T) 11.9 (Max.) mm**

m Carbon Structural Steel

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2062B	7	102	87.812	60★	40	12	0.97	25 30
	10	140	123.294	80	45	12	2.40	30 35 40 45
	11	153	135.235	83	45	12	2.60	30 35 40 45
	12	165	147.207	83	45	12	2.80	30 35 40 45
	13	177	159.204	83	45	12	3.10	30 35 40 45
	16	214	195.294	83	45	12	4.20	30 35 40 45
	20	263	243.552	83	45	12	6.00	30 35 40 45

FBN2082B

Chain **No.C2082H**
 Chain Pitch **(P) 50.80 mm**
 Bushing Link Inner Width **(W) 15.88 mm**

Roller Outside Diameter **(Dr) 28.58 mm**
 Tooth Width **(T) 15.0 (Max.) mm**

m Carbon Structural Steel

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2082B	11	204	180.313	107	45	12	5.10	30 35 40 45
	12	220	196.276	107	45	12	5.60	30 35 40 45

Shaft Hole Machined Specification

Shaft Hole Diameter D	Keyway b×t ²	Set Screw M
24~30	8×3.3	8
32~38	10×3.3	8
40~42	12×3.3	8
45~50	14×3.8	10

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
7	10	56



● Order No. Example FBN2062B11D30

TYPE No. of Active Teeth ϕD^{H7}

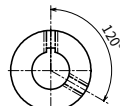
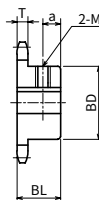
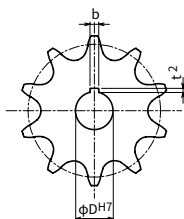
BK
UC
CM

Surface Treatment Type

Surface Treatment		BK	= Black Oxide Coating (Ferrosoferric Oxide Coating)
		UC	= Trivalent UniChrome Plating (White)
		CM	= Trivalent Chromate Plating (Yellow)



BK Type



FBN2062B

- Chain No.C2062H
- Chain Pitch (P) 38.10 mm
- Bushing Link Inner Width (W) 12.70 mm
- Roller Outside Diameter (Dr) 22.23 mm
- Tooth Width (T) 11.9 (Max.) mm

 Carbon Structural Steel

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2062B	7	102	87.812	60★	40	12	0.97	25 30
	10	140	123.294	80	45	12	2.40	30 35 40 45
	11	153	135.235	83	45	12	2.60	30 35 40 45
	12	165	147.207	83	45	12	2.80	30 35 40 45
	13	177	159.204	83	45	12	3.10	30 35 40 45
	16	214	195.294	83	45	12	4.20	30 35 40 45
	20	263	243.552	83	45	12	6.00	30 35 40 45

FBN2082B

- Chain No.C2082H
- Chain Pitch (P) 50.80 mm
- Bushing Link Inner Width (W) 15.88 mm
- Roller Outside Diameter (Dr) 28.58 mm
- Tooth Width (T) 15.0 (Max.) mm

 Carbon Structural Steel

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
FBN 2082B	11	204	180.313	107	45	12	5.10	30 35 40 45
	12	220	196.276	107	45	12	5.60	30 35 40 45

Shaft Hole Machined Specification

Shaft Hole Diameter D	Keyway b × t ²	Set Screw M
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10

Sprockets with a ★ symbol for BD have a channel in the boss exterior.

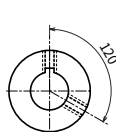
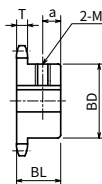
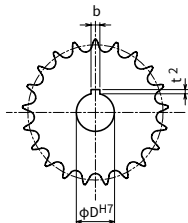
No. of Teeth	S	GD
7	10	56



KANA**SUSFBN2040B · 2050B · 2060B**

● **Order No. Example**
SUSFBN2040B91/2D35

TYPE No. of Active Teeth ϕD^{H7}

**Shaft Hole Machined Specification**

Shaft Hole Diameter D	Keyway b × t ²	Set Screw M
18~22	6 × 2.8	6
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10

SUSFBN2040B

- Chain **No.C2040** Roller Outside Diameter ... **(Dr) 7.92 mm**
 Chain Pitch **(P) 25.4 mm** Tooth Width **(T) 7.3 (Max.) mm**
 Bushing Link Inner Width ... **(W) 7.95 mm**

m Stainless Steel **GB** 304

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
SUSFBN 2040B	9 1/2	19	84	78.226	60	25	7	0.64	20 25 30 35 40
	10 1/2	21	92	86.173	69	25	7	0.93	20 25 30 35 40
	11 1/2	23	100	94.145	77	25	7	1.10	20 25 30 35 40
	12 1/2	25	108	102.135	63	25	7	0.90	20 25 30 35 40

Note 1: It is outside the scope of JIS standards, thus not guaranteed. Please be aware of this before use.

SUSFBN2050B

- Chain **No.C2050** Roller Outside Diameter ... **(Dr) 10.16 mm**
 Chain Pitch **(P) 31.75 mm** Tooth Width **(T) 8.9 (Max.) mm**
 Bushing Link Inner Width ... **(W) 9.53 mm**

m Stainless Steel **GB** 304

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
SUSFBN 2050B	9 1/2	19	105	97.783	73	28	8	1.10	20 25 30 35
	10 1/2	21	115	107.717	73	28	8	1.30	20 25 30 35
	11 1/2	23	125	117.681	73	28	8	1.40	20 25 30 35
	12 1/2	25	135	127.669	73	28	8	1.50	25 30 35

SUSFBN2060B

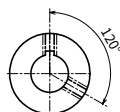
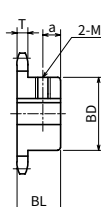
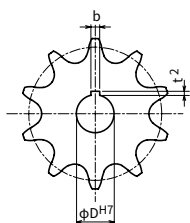
- Chain **No.C2060H** Roller Outside Diameter ... **(Dr) 11.91 mm**
 Chain Pitch **(P) 38.10 mm** Tooth Width **(T) 11.9 (Max.) mm**
 Bushing Link Inner Width ... **(W) 12.70 mm**

m Stainless Steel **GB** 304

TYPE	No. of Active Teeth	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
SUSFBN 2060B	9 1/2	19	126	117.339	83	40	12	2.10	25 30 35 40 50
	10 1/2	21	138	129.260	83	40	12	2.30	25 30 35 40
	11 1/2	23	150	141.217	83	45	12	2.90	25 30 35 40
	12 1/2	25	162	153.203	83	45	12	3.00	25 30 35 40

● Order No. Example SUSFBN2042B11D30

TYPE No. of Active Teeth ϕD^{H7}



Shaft Hole Machined Specification

Shaft Hole Diameter D	Keyway b × t ²	Set Screw M
24~30	8 × 3.3	8
32~38	10 × 3.3	8
40~42	12 × 3.3	8
45~50	14 × 3.8	10

SUSFBN2042B

- Chain No. C2042
- Chain Pitch (P) 25.4 mm
- Bushing Link Inner Width (W) 7.95 mm
- Roller Outside Diameter (Dr) 15.88 mm
- Tooth Width (T) 7.3 (Max.) mm

m Stainless Steel **GB** 304

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
SUSFBN 2042B	10	93	82.196	63	25	7	0.70	25 30 35
	11	102	90.156	63	25	7	0.77	25 30 35
	12	108	98.138	63	25	7	0.84	25 30 35
	13	118	106.136	63	25	7	0.90	25 30 35

SUSFBN2052B

- Chain No. C2052
- Chain Pitch (P) 31.75 mm
- Bushing Link Inner Width (W) 9.53 mm
- Roller Outside Diameter (Dr) 19.05 mm
- Tooth Width (T) 8.9 (Max.) mm

m Stainless Steel **GB** 304

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
SUSFBN 2052B	10	116	102.745	73	28	8	1.10	25 30 35 40
	11	127	112.696	73	28	8	1.20	25 30 35 40
	12	138	122.673	73	28	8	1.50	25 30 35 40
	13	148	132.670	73	28	8	1.60	25 30 35 40

SUSFBN2062B

- Chain No. C2062H
- Chain Pitch (P) 38.10 mm
- Bushing Link Inner Width (W) 12.70 mm
- Roller Outside Diameter (Dr) 22.23 mm
- Tooth Width (T) 11.9 (Max.) mm

m Stainless Steel **GB** 304

TYPE	No. of Active Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight (kg)	ϕD^{H7}
SUSFBN 2062B	10	140	123.294	80	45	12	2.40	30 35 40 45
	11	153	135.235	83	45	12	2.60	30 35 40 45
	12	165	147.207	83	45	12	2.80	30 35 40 45
	13	177	159.204	83	45	12	3.10	30 35 40 45

KANA

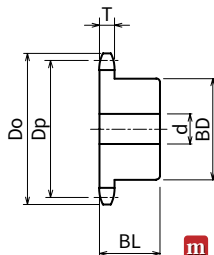
2040B

● **Order No. Example**
2040B 9 1/2

TYPE No. of Active Teeth



- Chain **No.C2040**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter ... **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
				Pilot hole	Minimum	Maximum			
2040B61/2	13	59	54.656	12	13	20	35	22	0.20
2040B71/2	15	67	62.448	12	13	25	43	22	0.40
2040B81/2	17	76	70.313	13	14	32	52	22	0.50
2040B91/2	19	84	78.226	14	15	38	60	25	0.70
2040B101/2	21	92	86.173	14	15	46	69	25	0.90
2040B111/2	23	100	94.145	14	15	51	77	25	1.00
2040B12	24	104	98.138	14	15	42	63	25	0.90
2040B121/2	25	108	102.135	14	15	42	63	25	0.90

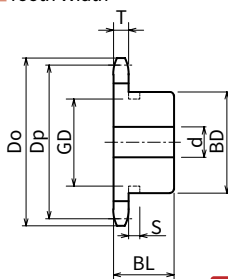
● Order No. Example

2042B 10

TYPE No. of Active Teeth



- Chain No.C2042
- Chain Pitch (P) 25.4 mm
- Bushing Link Inner Width ... (W) 7.95 mm
- Roller Outside Diameter ... (Dr) 15.88 mm
- Tooth Width (T) 7.3 (Max.) mm



m Carbon Structural Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
2042B7	68	58.541	14	15	22	★40	25	Ground Specification	0.30
2042B8	77	66.373	14	15	28	★48	25		0.40
2042B9	85	74.265	14	15	32	52	25		0.50
2042B10	93	82.196	15	16	42	63	25		0.70
2042B11	102	90.156	15	16	42	63	25		0.77
2042B12	108	98.138	15	16	42	63	25		0.84
2042B13	118	106.136	16	17	42	63	25		1.00
2042B14	127	114.147	16	17	42	63	25		1.00
2042B15	135	122.167	20	21	45	68	28		1.26
2042B16	143	130.196	20	21	45	68	28		1.30
2042B17	151	138.232	20	21	45	68	28		1.35
2042B18	159	146.273	20	21	45	68	28		1.45
2042B19	167	154.319	20	21	45	68	28		1.60
2042B20	176	162.368	20	21	45	68	28		1.80
2042B21	183	170.421	20	21	48	73	32		1.91
2042B22	192	178.478	26	27	48	73	32		2.03
2042B23	200	186.536	26	27	48	73	32		2.15
2042B24	208	194.597	26	27	48	73	32		2.28
2042B25	216	202.660	26	27	48	73	32		2.42
2042B26	224	210.724	26	27	48	73	32		2.56
2042B28	241	226.858	26	27	48	73	32		2.87
2042B30	257	242.996	26	27	48	73	32		3.19
2042B32	273	259.138	26	27	55	83	32		4.04



Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
7	6	35
8		43

KANA

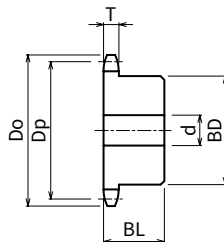
SUS2040B

● **Order No. Example**
SUS 2040B 9 1/2

TYPE

No. of Active Teeth

- Chain **No.C2040**
- Chain Pitch **(P) 25.4 mm**
- Bushing Link Inner Width ... **(W) 7.95 mm**
- Roller Outside Diameter ... **(Dr) 7.92 mm**
- Tooth Width **(T) 7.3 (Max.) mm**



m Stainless Steel **GB** 304

Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
				Pilot hole	Minimum	Maximum				
SUS2040B91/2	19	84	78.226	14	15	38	60	25	Ground Specification	0.64
SUS2040B101/2	21	92	86.173	14	15	46	69	25		0.93
SUS2040B111/2	23	100	94.145	14	15	51	77	25		1.10
SUS2040B12	24	104	98.138	14	15	42	63	25		0.84
SUS2040B121/2	25	108	102.135	14	15	42	63	25		0.90

KANA

SUS2042B

●

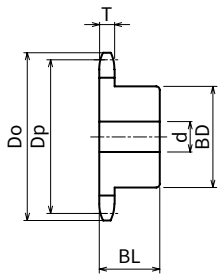
Order No. Example

SUS 2042B 10

TYPE

No. of Active Teeth

- Chain No.C2042
- Chain Pitch (P) 25.4 mm
- Bushing Link Inner Width ... (W) 7.95 mm
- Roller Outside Diameter ... (Dr) 15.88 mm
- Tooth Width (T) 7.3 (Max.) mm



m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS2042B10	93	82.196	15	16	42	63	25	Ground Specification	0.70
SUS2042B11	102	90.156	15	16	42	63	25		0.77
SUS2042B12	108	98.138	15	16	42	63	25		0.84
SUS2042B13	118	106.136	16	17	42	63	25		0.90

- Sprockets
- Double Pitch
- Roller Chains
- Chain Accessories
- Idlers & Tensioners
- Couplings
- Kanalock
- Shaft Collars
- Timing Pulleys/Flanges
- Gears

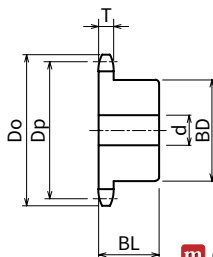
KANA

2050B

● **Order No. Example**
2050B 9 1/2

TYPE No. of Active Teeth

- Chain **No.C2050**
- Chain Pitch **(P) 31.75 mm**
- Bushing Link Inner Width ... **(W) 9.53 mm**
- Roller Outside Diameter ... **(Dr) 10.16 mm**
- Tooth Width **(T) 8.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
				Pilot hole	Minimum	Maximum			
2050B61/2	13	74	68.320	12	13	25	44	25	0.40
2050B71/2	15	84	78.060	12	13	32	54	25	0.60
2050B81/2	17	94	87.891	14	15	45	65	25	0.80
2050B91/2	19	105	97.783	14	15	48	73	28	1.10
2050B101/2	21	115	107.717	14	15	48	73	28	1.30
2050B111/2	23	125	117.681	16	17	48	73	28	1.40
2050B12	24	130	122.673	16	17	48	73	28	1.40
2050B121/2	25	135	127.669	16	17	48	73	28	1.50

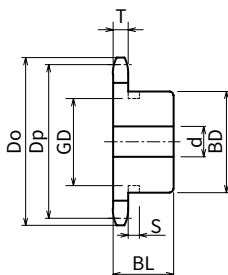
● Order No. Example

2052B 10

TYPE No. of Active Teeth



- Chain No.C2052
- Chain Pitch (P) 31.75 mm
- Bushing Link Inner Width ... (W) 9.53 mm
- Roller Outside Diameter ... (Dr) 19.05 mm
- Tooth Width (T) 8.9 (Max.) mm



m Carbon Structural Steel

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
2052B7	85	73.176	20	21	30	★50	28	Ground Specification	0.56
2052B8	96	82.967	20	21	40	★60	28		0.80
2052B9	106	92.831	20	21	42	66	28		1.00
2052B10	116	102.745	20	21	48	73	28		1.20
2052B11	127	112.696	20	21	48	73	28		1.30
2052B12	138	122.673	20	21	48	73	28		1.40
2052B13	148	132.670	20	21	48	73	28		1.60
2052B14	158	142.683	20	21	48	73	28		1.70
2052B15	168	152.709	20	21	48	73	28		1.90
2052B16	179	162.745	20	21	48	73	28		2.00
2052B17	189	172.790	20	21	55	83	35		2.70
2052B18	199	182.841	20	21	55	83	35		2.90
2052B19	209	192.898	20	21	55	83	35		3.10
2052B20	220	202.960	20	21	55	83	35		3.30
2052B21	229	213.027	20	21	55	83	35		3.50
2052B22	240	223.097	26	27	55	83	35		3.80
2052B23	250	233.170	26	27	55	83	35		4.00
2052B24	260	243.246	26	27	55	83	35		4.30
2052B25	270	253.325	26	27	55	83	35		4.60
2052B26	281	263.405	26	27	55	83	35		4.80
2052B28	301	283.572	26	27	55	83	35		5.40
2052B30	321	303.745	26	27	55	83	35		6.10



Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
7	7	45
8		56

KANA

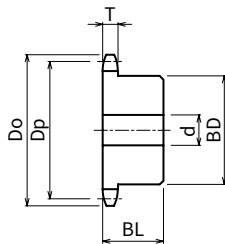
SUS2050B

● **Order No. Example**
SUS 2050B 9 1/2

TYPE

No. of Active Teeth

- Chain **No.C2050**
- Chain Pitch **(P) 31.75 mm**
- Bushing Link Inner Width ... **(W) 9.53 mm**
- Roller Outside Diameter ... **(Dr) 10.16 mm**
- Tooth Width **(T) 8.9 (Max.) mm**



m Stainless Steel **GB** 304

Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
				Pilot hole	Minimum	Maximum				
SUS2050B91/2	19	105	97.783	14	15	48	73	28	Ground Specification	1.10
SUS2050B101/2	21	115	107.717	14	15	48	73	28		1.30
SUS2050B111/2	23	125	117.681	16	17	48	73	28		1.40
SUS2050B12	24	130	122.673	16	17	48	73	28		1.50
SUS2050B121/2	25	135	127.669	16	17	48	73	28		1.50

KANA

SUS2052B

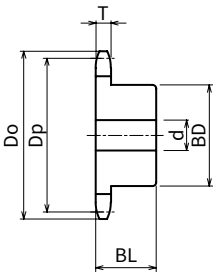
●

Order No. Example

SUS 2052B 12

TYPE No. of Active Teeth

- Chain No.C2052
- Chain Pitch (P) 31.75 mm
- Bushing Link Inner Width ... (W) 9.53 mm
- Roller Outside Diameter ... (Dr) 19.05 mm
- Tooth Width (T) 8.9 (Max.) mm



Stainless Steel 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS2052B10	116	102.745	20	21	48	73	28	Ground Specification	1.10
SUS2052B11	127	112.696	20	21	48	73	28		1.20
SUS2052B12	138	122.673	20	21	48	73	28		1.50
SUS2052B13	148	132.670	20	21	48	73	28		1.60

- Sprockets
- Double Pitch
- Roller Chains
- Chain Accessories
- Idlers & Tensioners
- Couplings
- KanaLock
- Shaft Collars
- Timing Pulleys/Flanges
- Gears

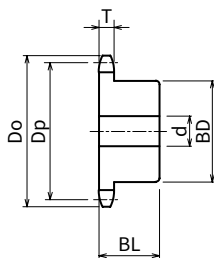
KANA

2060B

● **Order No. Example**
2060B 9 1/2

TYPE No. of Active Teeth

- Chain **No.C2060H**
- Chain Pitch **(P) 38.10 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



m Carbon Structural Steel
h High-frequency Hardened Teeth

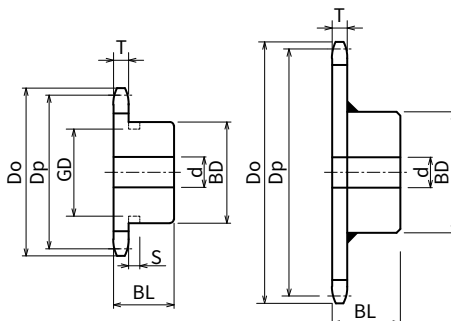
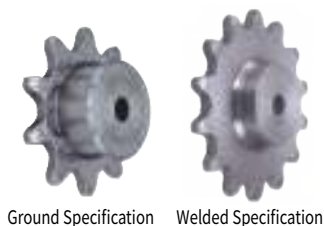
Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
				Pilot hole	Minimum	Maximum			
2060B61/2	13	88	81.984	14	15	32	53	32	0.80
2060B71/2	15	101	93.672	16	17	45	66	32	1.20
2060B81/2	17	113	105.470	16	17	48	73	32	1.50
2060B91/2	19	126	117.339	16	17	55	83	40	2.20
2060B101/2	21	138	129.260	16	17	55	83	40	2.40
2060B111/2	23	150	141.217	16	17	55	83	45	2.80
2060B12	24	156	147.207	18	19	55	83	45	2.90
2060B121/2	25	162	153.203	18	19	55	83	45	3.10

Order No. Example

2062B 10

TYPE No. of Active Teeth

- Chain No.C2062H
- Chain Pitch (P) 38.10 mm
- Bushing Link Inner Width ... (W) 12.70 mm
- Roller Outside Diameter ... (Dr) 22.23 mm
- Tooth Width (T) 11.9 (Max.) mm



Ground Specification Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
2062B7	102	87.812	18	19	40	★60	40	Ground Specification	Carbon Structural Steel	0.97
2062B8	115	99.560	18	19	50	★75	40			1.60
2062B9	128	111.397	18	19	50	80	40			2.00
2062B10	140	123.294	18	19	55	80	45			2.40
2062B11	153	135.235	18	19	55	83	45			2.60
2062B12	165	147.207	18	19	55	83	45			2.80
2062B13	177	159.204	25	26	55	83	45			3.10
2062B14	190	171.220	25	26	55	83	45			3.50
2062B15	202	183.251	25	26	55	83	45			3.80
2062B16	214	195.294	25	26	55	83	45			4.20
2062B17	227	207.347	25	26	63	93	45			4.60
2062B18	239	219.409	25	26	63	93	45			5.00
2062B19	251	231.478	25	26	63	93	45			5.50
2062B20	263	243.552	25	26	63	93	45			6.00
2062B21	276	255.632	25	26	63	93	45			6.50
2062B22	288	267.716	26	27	63	93	45	Welded Specification	Common Steel	6.90
2062B24	312	291.895	26	27	63	93	45			7.90
2062B25	324	303.990	26	27	63	93	45			8.40
2062B26	337	316.086	26	27	63	93	45			9.00
2062B28	361	340.287	26	27	63	93	45	Welded Specification	Common Steel	9.90
2062B30	385	364.494	26	27	63	93	45			11.20



Sprockets with a ★ symbol for BD have a channel in the boss exterior.

No. of Teeth	S	GD
7	10	56
8		68

KANA

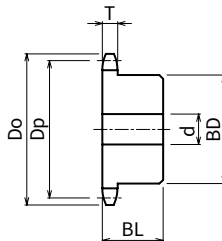
SUS2060B

● **Order No. Example**
SUS 2060B 9 1/2

TYPE

No. of Active Teeth

- Chain **No.C2060H**
- Chain Pitch **(P) 38.10 mm**
- Bushing Link Inner Width ... **(W) 12.70 mm**
- Roller Outside Diameter ... **(Dr) 11.91 mm**
- Tooth Width **(T) 11.9 (Max.) mm**



m Stainless Steel **GB** 304

Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
				Pilot hole	Minimum	Maximum				
SUS2060B91/2	19	126	117.339	16	17	55	83	40	Ground Specification	2.10
SUS2060B101/2	21	138	129.260	16	17	55	83	40		2.30
SUS2060B111/2	23	150	141.217	16	17	55	83	45		2.90
SUS2060B12	24	156	147.207	18	19	55	83	45		3.00
SUS2060B121/2	25	162	153.203	18	19	55	83	45		3.00

KANA

SUS2062B

●

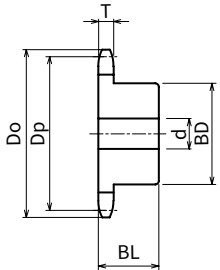
Order No. Example

SUS 2062B 10

TYPE No. of Active Teeth



- Chain No.C2062H
- Chain Pitch (P) 38.10 mm
- Bushing Link Inner Width ... (W) 12.70 mm
- Roller Outside Diameter ... (Dr) 22.23 mm
- Tooth Width (T) 11.9 (Max.) mm



Stainless Steel 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS2062B10	140	123.294	25	26	55	83	45	Ground Specification	2.40
SUS2062B11	153	135.235	25	26	55	83	45		2.60
SUS2062B12	165	147.207	25	26	55	83	45		2.80
SUS2062B13	177	159.204	25	26	55	83	45		3.10

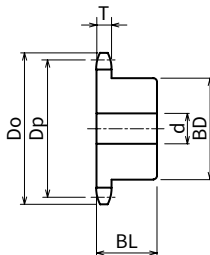
KANA

2080B

● **Order No. Example**
2080B 9 1/2

TYPE No. of Active Teeth

■ Chain **No.C2080H**
 ■ Chain Pitch **(P) 50.80 mm**
 ■ Bushing Link Inner Width ... **(W) 15.88 mm**
 ■ Roller Outside Diameter ... **(Dr) 15.88 mm**
 ■ Tooth Width **(T) 15.0 (Max.) mm**



Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
				Pilot hole	Minimum	Maximum					
2080B61/2	13	118	109.312	16	17	46	70	40	Ground Specification	 Carbon Structural Steel High-frequency Hardened Teeth	1.80
2080B71/2	15	135	124.897	20	21	60	88	40			2.60
2080B81/2	17	151	140.626	20	21	63	93	40			3.10
2080B91/2	19	167	156.452	20	21	63	93	40			3.60
2080B101/2	21	184	172.346	20	21	63	93	40			4.00
2080B111/2	23	200	188.290	26	27	75	107	45	Ground Specification	 Carbon Structural Steel	5.30
2080B12	24	208	196.276	26	27	75	107	45			5.60
2080B121/2	25	216	204.270	26	27	75	107	45			5.90

● Order No. Example

2082B 10

TYPE No. of Active Teeth

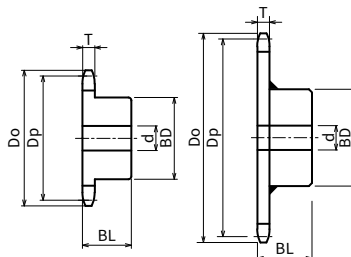


Ground Specification



Welded Specification

- Chain No.C2082H
- Chain Pitch (P) 50.80 mm
- Bushing Link Inner Width ... (W) 15.88 mm
- Roller Outside Diameter ... (Dr) 28.58 mm
- Tooth Width (T) 15.0 (Max.) mm



Ground Specification Welded Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
			Pilot hole	Minimum	Maximum					
2082B7	136	117.082	22	23	50	76	40	Ground Specification	Carbon Structural Steel	2.10
2082B8	153	132.747	22	23	60	93	40			2.90
2082B9	170	148.529	26	27	65	110	40			3.90
2082B10	187	164.392	26	27	63	93	40			3.80
2082B11	204	180.313	26	27	75	107	45			5.10
2082B12	220	196.276	26	27	75	107	45			5.60
2082B13	237	212.272	26	27	75	107	45			6.20
2082B14	253	228.293	26	27	75	107	45			6.80
2082B15	269	244.335	30	31	75	107	45			7.50
2082B16	286	260.392	30	31	75	107	45	Welded Specification	Common Steel	8.20
2082B17	302	276.463	30	31	75	107	45			9.00
2082B18	319	292.546	30	31	80	117	50			10.70
2082B19	335	308.637	30	31	80	117	50			11.50
2082B20	351	324.737	30	31	80	117	50			12.50
2082B24	416	389.194	35	36	80	117	50			16.60
2082B25	433	405.319	35	36	80	117	50			17.50
2082B26	449	421.448	35	36	80	117	50			19.00
2082B28	481	453.715	35	36	80	117	50			21.20
2082B30	514	485.992	35	36	80	117	50			24.20

KANA

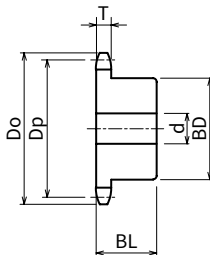
SUS2080B

● **Order No. Example**
SUS 2080B 9 1/2

TYPE

No. of Active Teeth

- Chain **No.C2080H**
- Chain Pitch **(P) 50.80 mm**
- Bushing Link Inner Width ... **(W) 15.88 mm**
- Roller Outside Diameter ... **(Dr) 15.88 mm**
- Tooth Width **(T) 15.0 (Max.) mm**



m Stainless Steel **GB** 304

Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
				Pilot hole	Minimum	Maximum				
SUS2080B91/2	19	167	156.452	20	21	63	93	40	Ground Specification	3.56
SUS2080B101/2	21	184	172.346	20	21	63	93	40		4.05
SUS2080B111/2	23	200	188.290	26	27	75	107	45		5.34
SUS2080B12	24	208	196.276	26	27	75	107	45		5.70
SUS2080B121/2	25	216	204.270	26	27	75	107	45		5.97

KANA

SUS2082B

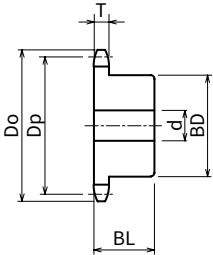
●

Order No. Example

SUS 2082B 10

TYPE No. of Active Teeth

- Chain No.C2082H
- Chain Pitch (P) 50.80 mm
- Bushing Link Inner Width ... (W) 15.88 mm
- Roller Outside Diameter ... (Dr) 28.58 mm
- Tooth Width (T) 15.0 (Max.) mm



m Stainless Steel **GB** 304

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
SUS2082B10	187	164.392	26	27	75	107	45	Ground Specification	4.30
SUS2082B11	204	180.313	26	27	75	107	45		4.86
SUS2082B12	220	196.276	26	27	75	107	45		5.43
SUS2082B13	237	212.272	26	27	75	107	45		6.00
SUS2082B14	253	228.293	26	27	75	107	45		6.90
SUS2082B15	269	244.335	30	31	75	107	45		7.30
SUS2082B16	286	260.392	30	31	75	107	45		8.16

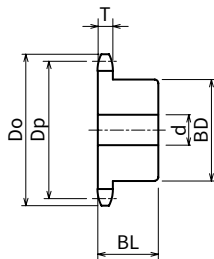
KANA

2100B

● **Order No. Example**
2100B 9 1/2

TYPE No. of Active Teeth

Chain **No.C2100H**
 Chain Pitch **(P) 63.50 mm**
 Bushing Link Inner Width ... **(W) 19.05 mm**
 Roller Outside Diameter ... **(Dr) 19.05 mm**
 Tooth Width **(T) 18.0 (Max.) mm**



Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Tooth Section	Weight (kg)
				Pilot hole	Minimum	Maximum					
2100B61/2	13	148	136.640	20	21	60	88	50	Ground Specification	 Carbon Structural Steel High-frequency Hardened Teeth	3.60
2100B71/2	15	168	156.121	20	21	66	98	50			4.60
2100B81/2	17	189	175.783	20	21	75	107	50			5.60
2100B91/2	19	209	195.565	20	21	75	107	50			6.40
2100B101/2	21	230	215.433	20	21	75	107	50			7.30
2100B111/2	23	250	235.362	26	27	80	117	56	Ground Specification	 Carbon Structural Steel	9.20
2100B121/2	25	270	255.338	26	27	80	117	56			10.30

KANA

2102B

●

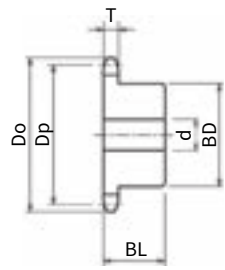
Order No. Example

2102B 10

TYPE

No. of Active Teeth

- Chain No.C2102H
- Chain Pitch (P) 63.50 mm
- Bushing Link Inner Width ... (W) 19.05 mm
- Roller Outside Diameter ... (Dr) 39.68 mm
- Tooth Width (T) 18.0 (Max.) mm



 Carbon Structural Steel

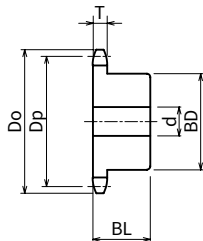
Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Weight (kg)
			Pilot hole	Minimum	Maximum				
2102B10	233	205.490	35	36	75	107	56	Ground Specification	7.00
2102B11	254	225.391	35	36	80	117	56		8.00
2102B12	275	245.345	35	36	80	117	56		9.50

KANA

2120B • 2160B

● **Order No. Example**
2120B 9 1/2

TYPE No. of Active Teeth



2120B

Chain **No.C2120H** Roller Outside Diameter ... **(Dr) 22.23 mm**
 Chain Pitch **(P) 76.20 mm** Tooth Width **(T) 24.0 mm**
 Bushing Link Inner Width ... **(W) 25.40 mm**

m Carbon Structural Steel
i Shape: Ground Specification

Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
				Pilot hole	Minimum	Maximum			
2120B91/2	19	251	234.678	32	33	80	117	63	11.40

2160B

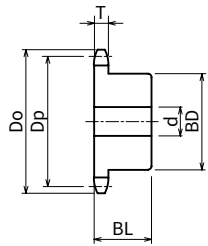
Chain **No.C2160H** Roller Outside Diameter ... **(Dr) 28.58 mm**
 Chain Pitch **(P) 101.60 mm** Tooth Width **(T) 30.0 mm**
 Bushing Link Inner Width ... **(W) 31.75 mm**

m Carbon Structural Steel
i Shape: Ground Specification

Product Model Number	Actual No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
				Pilot hole	Minimum	Maximum			
2160B91/2	19	335	312.905	32	33	103	147	71	22.30

KANA
2122B・2162B

● **Order No. Example**
2122B 11
TYPE No. of Active Teeth



2122B

Chain No. C2122H

Chain Pitch (P) 76.20 mm

Bushing Link Inner Width (W) 25.40 mm

Roller Outside Diameter (Dr) 44.45 mm

Tooth Width (T) 24.0 mm

Carbon Structural Steel

Shape: Ground Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
			Pilot hole	Minimum	Maximum			
2122B11	305	270.469	44	45	80	130	80	16.60

2162B

Chain No. C2162H

Chain Pitch (P) 101.60 mm

Bushing Link Inner Width (W) 31.75 mm

Roller Outside Diameter (Dr) 57.15 mm

Tooth Width (T) 30.0 mm

Carbon Structural Steel

Shape: Ground Specification

Product Model Number	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight (kg)
			Pilot hole	Minimum	Maximum			
2162B11	407	360.626	69	70	115	170	125	32.00

Sprockets
Double Pitch

Roller Chains

Chain Accessories

Idlers & Tensioners

Couplings

Kanalock

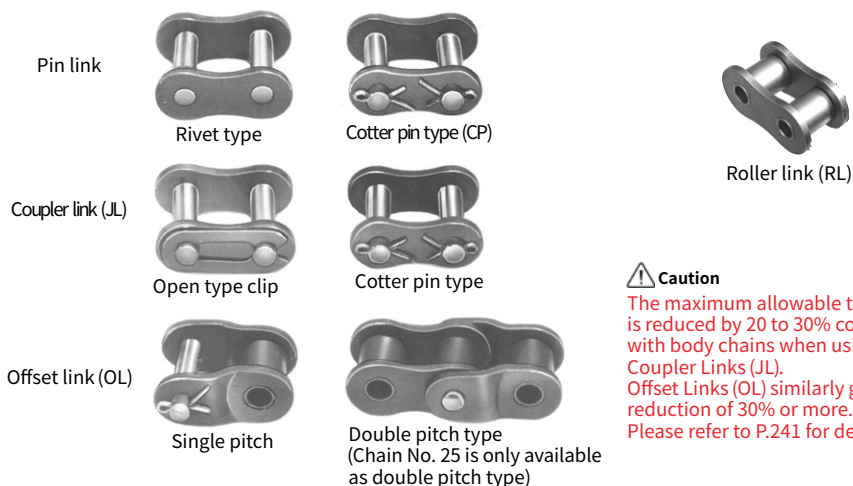
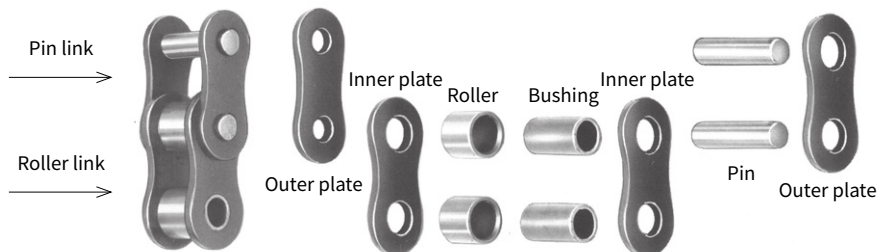
Shaft Collars

Timing Pulleys/Flanges

Gears

Roller Chains

Roller Chain Configuration and Components



⚠ Caution

The maximum allowable tension is reduced by 20 to 30% compared with body chains when using Coupler Links (JL). Offset Links (OL) similarly give a reduction of 30% or more. Please refer to P.241 for details.



Warning

Additional processing of the chain body or components (plating/hardening/welding/cleaning with acid or alkali etc.) is dangerous.

Do not replace the components alone if worn or damaged but replace with an entirely new product. Replacing both the roller chain and sprocket at the same time is recommended.



Caution

Refer to the user manual (available from our homepage) for information regarding use, and be sure to conduct periodic maintenance of the roller chain and sprocket.

The chain body and individual Roller Link (RL) components should only be used by those with sufficient knowledge of the chain structure and specifications.

*If KANA is entered in the order details then **KANA roller chains** will be shipped.

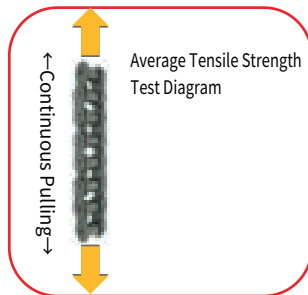
If no brand name is entered then KANA roller chains will be shipped. Return is not possible.

Roller Chain Introduction

What is Average Tensile Strength?

A "grasping device" is installed on both ends if internal end links are used, or for chains with more than 5 links, to avoid generation of stress such as twisting and bending, allowing the chain to be pulled gradually until it breaks.

The maximum load when the chain breaks is measured and the test results averaged out to give the average tensile strength.

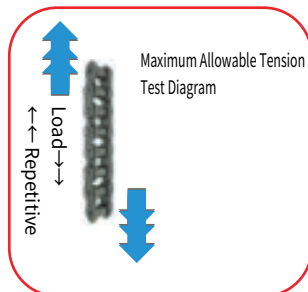


What is Maximum Allowable Tension?

A calculation of the allowable limiting value of the maximum load that can be repeatedly applied to the chain without causing breakage of the chain.

Below this limit the chain should not break even if load is repeatedly applied.

* Different machines are used for testing as the test conditions differ.



Ordering Example of Roller Chains

For Units With Specified Length

Arranging 1 Piece of KANA40 Chain With Specified Length

Product Model Number	Quantity (pc.)
KANA40-T	1



Arranging 1 Piece of KANA40 Chain (with JL, OL)

Product Model Number	Quantity (pc.)
KANA40-JL	1
KANA40-OL	1

JL



OL



For Even Links

J Configuration Directions



Arranging 1 Piece of KANA40 Chain 8L (with JL)

Product Model Number	No. of Links (L)	No. (Quantity)
KANA40-J	8L	1

For Odd Links

JO Configuration Directions



Arranging 1 Piece of KANA40 Chain 9L (with JL, OL)

Product Model Number	No. of Links (L)	No. (Quantity)
KANA40-JO	9L	1

RR Configuration Directions



Arranging 1 Piece of KANA40 Chain 9L (links on each end)

Product Model Number	No. of Links (L)	No. (Quantity)
KANA40-RR	9L	1

JJ Configuration Directions



Arranging 1 Piece of KANA40 Chain 9L (with JL on each end)

Product Model Number	No. of Links (L)	No. (Quantity)
KANA40-JJ	9L	1

* We assume specified-length shipment. If single-piece shipment is required, please specify clearly.

* In case of emergency, pre-cut FIT LINK roller chains (manufactured by KANA) are also available. Please refer to P.244~P.259.

KANA**FIT LINK Roller Chains <KANAFIT25>****● Order No. Example**

KANA FT 25 - 10 J

FIT LINK Chain No. No. of Links Configuration

**JL**

KANAFIT25 Product Model Number	KANAFIT25 Product Model Number	KANAFIT25 Product Model Number
KANAFIT25-2J	KANAFIT25-82J	KANAFIT25-162J
KANAFIT25-4J	KANAFIT25-84J	KANAFIT25-164J
KANAFIT25-6J	KANAFIT25-86J	KANAFIT25-166J
KANAFIT25-8J	KANAFIT25-88J	KANAFIT25-168J
KANAFIT25-10J	KANAFIT25-90J	KANAFIT25-170J
KANAFIT25-12J	KANAFIT25-92J	KANAFIT25-172J
KANAFIT25-14J	KANAFIT25-94J	KANAFIT25-174J
KANAFIT25-16J	KANAFIT25-96J	KANAFIT25-176J
KANAFIT25-18J	KANAFIT25-98J	KANAFIT25-178J
KANAFIT25-20J	KANAFIT25-100J	KANAFIT25-180J
KANAFIT25-22J	KANAFIT25-102J	KANAFIT25-182J
KANAFIT25-24J	KANAFIT25-104J	KANAFIT25-184J
KANAFIT25-26J	KANAFIT25-106J	KANAFIT25-186J
KANAFIT25-28J	KANAFIT25-108J	KANAFIT25-188J
KANAFIT25-30J	KANAFIT25-110J	KANAFIT25-190J
KANAFIT25-32J	KANAFIT25-112J	KANAFIT25-192J
KANAFIT25-34J	KANAFIT25-114J	KANAFIT25-194J
KANAFIT25-36J	KANAFIT25-116J	KANAFIT25-196J
KANAFIT25-38J	KANAFIT25-118J	KANAFIT25-198J
KANAFIT25-40J	KANAFIT25-120J	KANAFIT25-200J
KANAFIT25-42J	KANAFIT25-122J	KANAFIT25-202J
KANAFIT25-44J	KANAFIT25-124J	KANAFIT25-204J
KANAFIT25-46J	KANAFIT25-126J	KANAFIT25-206J
KANAFIT25-48J	KANAFIT25-128J	KANAFIT25-208J
KANAFIT25-50J	KANAFIT25-130J	KANAFIT25-210J
KANAFIT25-52J	KANAFIT25-132J	KANAFIT25-212J
KANAFIT25-54J	KANAFIT25-134J	KANAFIT25-214J
KANAFIT25-56J	KANAFIT25-136J	KANAFIT25-216J
KANAFIT25-58J	KANAFIT25-138J	KANAFIT25-218J
KANAFIT25-60J	KANAFIT25-140J	KANAFIT25-220J
KANAFIT25-62J	KANAFIT25-142J	KANAFIT25-222J
KANAFIT25-64J	KANAFIT25-144J	KANAFIT25-224J
KANAFIT25-66J	KANAFIT25-146J	KANAFIT25-226J
KANAFIT25-68J	KANAFIT25-148J	KANAFIT25-228J
KANAFIT25-70J	KANAFIT25-150J	KANAFIT25-230J
KANAFIT25-72J	KANAFIT25-152J	KANAFIT25-232J
KANAFIT25-74J	KANAFIT25-154J	KANAFIT25-234J
KANAFIT25-76J	KANAFIT25-156J	KANAFIT25-236J
KANAFIT25-78J	KANAFIT25-158J	KANAFIT25-238J
KANAFIT25-80J	KANAFIT25-160J	KANAFIT25-240J

Chain No. Configuration Breakdown Example: For KANAFIT25-10J

Product	Quantity
25 Chain	9L (Link)
25-JL (Coupler Links (JL))	1K (pc.)

* Including coupler links (JL), there are 10 links in total.

KANAFT25 Product Model Number	KANAFT25 Product Model Number	KANAFT25 Product Model Number
KANAFT25-242J	KANAFT25-322J	KANAFT25-402J
KANAFT25-244J	KANAFT25-324J	KANAFT25-404J
KANAFT25-246J	KANAFT25-326J	KANAFT25-406J
KANAFT25-248J	KANAFT25-328J	KANAFT25-408J
KANAFT25-250J	KANAFT25-330J	KANAFT25-410J
KANAFT25-252J	KANAFT25-332J	KANAFT25-412J
KANAFT25-254J	KANAFT25-334J	KANAFT25-414J
KANAFT25-256J	KANAFT25-336J	KANAFT25-416J
KANAFT25-258J	KANAFT25-338J	KANAFT25-418J
KANAFT25-260J	KANAFT25-340J	KANAFT25-420J
KANAFT25-262J	KANAFT25-342J	KANAFT25-422J
KANAFT25-264J	KANAFT25-344J	KANAFT25-424J
KANAFT25-266J	KANAFT25-346J	KANAFT25-426J
KANAFT25-268J	KANAFT25-348J	KANAFT25-428J
KANAFT25-270J	KANAFT25-350J	KANAFT25-430J
KANAFT25-272J	KANAFT25-352J	KANAFT25-432J
KANAFT25-274J	KANAFT25-354J	KANAFT25-434J
KANAFT25-276J	KANAFT25-356J	KANAFT25-436J
KANAFT25-278J	KANAFT25-358J	KANAFT25-438J
KANAFT25-280J	KANAFT25-360J	KANAFT25-440J
KANAFT25-282J	KANAFT25-362J	KANAFT25-442J
KANAFT25-284J	KANAFT25-364J	KANAFT25-444J
KANAFT25-286J	KANAFT25-366J	KANAFT25-446J
KANAFT25-288J	KANAFT25-368J	KANAFT25-448J
KANAFT25-290J	KANAFT25-370J	KANAFT25-450J
KANAFT25-292J	KANAFT25-372J	KANAFT25-452J
KANAFT25-294J	KANAFT25-374J	KANAFT25-454J
KANAFT25-296J	KANAFT25-376J	KANAFT25-456J
KANAFT25-298J	KANAFT25-378J	KANAFT25-458J
KANAFT25-300J	KANAFT25-380J	KANAFT25-460J
KANAFT25-302J	KANAFT25-382J	KANAFT25-462J
KANAFT25-304J	KANAFT25-384J	KANAFT25-464J
KANAFT25-306J	KANAFT25-386J	KANAFT25-466J
KANAFT25-308J	KANAFT25-388J	KANAFT25-468J
KANAFT25-310J	KANAFT25-390J	KANAFT25-470J
KANAFT25-312J	KANAFT25-392J	KANAFT25-472J
KANAFT25-314J	KANAFT25-394J	KANAFT25-474J
KANAFT25-316J	KANAFT25-396J	KANAFT25-476J
KANAFT25-318J	KANAFT25-398J	KANAFT25-478J
KANAFT25-320J	KANAFT25-400J	KANA25-480 Links (3m Unit)

* When used in odd links, OL is additionally required. Refer to P.260 for order method.

KANA**FIT LINK Roller Chains <KANAFIT35>****● Order No. Example**

KANA FT 35 - 10 J

FIT LINK Chain No. No. of Links Configuration

**JL**

KANAFIT35 Product Model Number	KANAFIT35 Product Model Number	KANAFIT35 Product Model Number
KANAFIT35-2J	KANAFIT35-82J	KANAFIT35-162J
KANAFIT35-4J	KANAFIT35-84J	KANAFIT35-164J
KANAFIT35-6J	KANAFIT35-86J	KANAFIT35-166J
KANAFIT35-8J	KANAFIT35-88J	KANAFIT35-168J
KANAFIT35-10J	KANAFIT35-90J	KANAFIT35-170J
KANAFIT35-12J	KANAFIT35-92J	KANAFIT35-172J
KANAFIT35-14J	KANAFIT35-94J	KANAFIT35-174J
KANAFIT35-16J	KANAFIT35-96J	KANAFIT35-176J
KANAFIT35-18J	KANAFIT35-98J	KANAFIT35-178J
KANAFIT35-20J	KANAFIT35-100J	KANAFIT35-180J
KANAFIT35-22J	KANAFIT35-102J	KANAFIT35-182J
KANAFIT35-24J	KANAFIT35-104J	KANAFIT35-184J
KANAFIT35-26J	KANAFIT35-106J	KANAFIT35-186J
KANAFIT35-28J	KANAFIT35-108J	KANAFIT35-188J
KANAFIT35-30J	KANAFIT35-110J	KANAFIT35-190J
KANAFIT35-32J	KANAFIT35-112J	KANAFIT35-192J
KANAFIT35-34J	KANAFIT35-114J	KANAFIT35-194J
KANAFIT35-36J	KANAFIT35-116J	KANAFIT35-196J
KANAFIT35-38J	KANAFIT35-118J	KANAFIT35-198J
KANAFIT35-40J	KANAFIT35-120J	KANAFIT35-200J
KANAFIT35-42J	KANAFIT35-122J	KANAFIT35-202J
KANAFIT35-44J	KANAFIT35-124J	KANAFIT35-204J
KANAFIT35-46J	KANAFIT35-126J	KANAFIT35-206J
KANAFIT35-48J	KANAFIT35-128J	KANAFIT35-208J
KANAFIT35-50J	KANAFIT35-130J	KANAFIT35-210J
KANAFIT35-52J	KANAFIT35-132J	KANAFIT35-212J
KANAFIT35-54J	KANAFIT35-134J	KANAFIT35-214J
KANAFIT35-56J	KANAFIT35-136J	KANAFIT35-216J
KANAFIT35-58J	KANAFIT35-138J	KANAFIT35-218J
KANAFIT35-60J	KANAFIT35-140J	KANAFIT35-220J
KANAFIT35-62J	KANAFIT35-142J	KANAFIT35-222J
KANAFIT35-64J	KANAFIT35-144J	KANAFIT35-224J
KANAFIT35-66J	KANAFIT35-146J	KANAFIT35-226J
KANAFIT35-68J	KANAFIT35-148J	KANAFIT35-228J
KANAFIT35-70J	KANAFIT35-150J	KANAFIT35-230J
KANAFIT35-72J	KANAFIT35-152J	KANAFIT35-232J
KANAFIT35-74J	KANAFIT35-154J	KANAFIT35-234J
KANAFIT35-76J	KANAFIT35-156J	KANAFIT35-236J
KANAFIT35-78J	KANAFIT35-158J	KANAFIT35-238J
KANAFIT35-80J	KANAFIT35-160J	KANAFIT35-240J

Chain No. Configuration Breakdown Example: For KANAFIT35-10J

Product	Quantity
35 Chain	9L (Link)
35-JL (Coupler Links (JL))	1K (pc.)

* Including coupler links (JL), there are 10 links in total.

KANAFT35 Product Model Number	KANAFT35 Product Model Number	KANAFT35 Product Model Number
KANAFT35-242J		
KANAFT35-244J		
KANAFT35-246J		
KANAFT35-248J		
KANAFT35-250J		
KANAFT35-252J		
KANAFT35-254J		
KANAFT35-256J		
KANAFT35-258J		
KANAFT35-260J		
KANAFT35-262J		
KANAFT35-264J		
KANAFT35-266J		
KANAFT35-268J		
KANAFT35-270J		
KANAFT35-272J		
KANAFT35-274J		
KANAFT35-276J		
KANAFT35-278J		
KANAFT35-280J		
KANAFT35-282J		
KANAFT35-284J		
KANAFT35-286J		
KANAFT35-288J		
KANAFT35-290J		
KANAFT35-292J		
KANAFT35-294J		
KANAFT35-296J		
KANAFT35-298J		
KANAFT35-300J		
KANAFT35-302J		
KANAFT35-304J		
KANAFT35-306J		
KANAFT35-308J		
KANAFT35-310J		
KANAFT35-312J		
KANAFT35-314J		
KANAFT35-316J		
KANAFT35-318J		
KANA35-320 Links (3m Unit)		

* When used in odd links, OL is additionally required.

KANA**FIT LINK Roller Chains <KANAFT40>**

● Order No. Example

KANA FT 40 - 10 J

FIT LINK Chain No. No. of Links Configuration



JL

KANAFT40 Product Model Number	KANAFT40 Product Model Number	KANAFT40 Product Model Number
KANAFT40-2J	KANAFT40-82J	KANAFT40-162J
KANAFT40-4J	KANAFT40-84J	KANAFT40-164J
KANAFT40-6J	KANAFT40-86J	KANAFT40-166J
KANAFT40-8J	KANAFT40-88J	KANAFT40-168J
KANAFT40-10J	KANAFT40-90J	KANAFT40-170J
KANAFT40-12J	KANAFT40-92J	KANAFT40-172J
KANAFT40-14J	KANAFT40-94J	KANAFT40-174J
KANAFT40-16J	KANAFT40-96J	KANAFT40-176J
KANAFT40-18J	KANAFT40-98J	KANAFT40-178J
KANAFT40-20J	KANAFT40-100J	KANAFT40-180J
KANAFT40-22J	KANAFT40-102J	KANAFT40-182J
KANAFT40-24J	KANAFT40-104J	KANAFT40-184J
KANAFT40-26J	KANAFT40-106J	KANAFT40-186J
KANAFT40-28J	KANAFT40-108J	KANAFT40-188J
KANAFT40-30J	KANAFT40-110J	KANAFT40-190J
KANAFT40-32J	KANAFT40-112J	KANAFT40-192J
KANAFT40-34J	KANAFT40-114J	KANAFT40-194J
KANAFT40-36J	KANAFT40-116J	KANAFT40-196J
KANAFT40-38J	KANAFT40-118J	KANAFT40-198J
KANAFT40-40J	KANAFT40-120J	KANAFT40-200J
KANAFT40-42J	KANAFT40-122J	KANAFT40-202J
KANAFT40-44J	KANAFT40-124J	KANAFT40-204J
KANAFT40-46J	KANAFT40-126J	KANAFT40-206J
KANAFT40-48J	KANAFT40-128J	KANAFT40-208J
KANAFT40-50J	KANAFT40-130J	KANAFT40-210J
KANAFT40-52J	KANAFT40-132J	KANAFT40-212J
KANAFT40-54J	KANAFT40-134J	KANAFT40-214J
KANAFT40-56J	KANAFT40-136J	KANAFT40-216J
KANAFT40-58J	KANAFT40-138J	KANAFT40-218J
KANAFT40-60J	KANAFT40-140J	KANAFT40-220J
KANAFT40-62J	KANAFT40-142J	KANAFT40-222J
KANAFT40-64J	KANAFT40-144J	KANAFT40-224J
KANAFT40-66J	KANAFT40-146J	KANAFT40-226J
KANAFT40-68J	KANAFT40-148J	KANAFT40-228J
KANAFT40-70J	KANAFT40-150J	KANAFT40-230J
KANAFT40-72J	KANAFT40-152J	KANAFT40-232J
KANAFT40-74J	KANAFT40-154J	KANAFT40-234J
KANAFT40-76J	KANAFT40-156J	KANAFT40-236J
KANAFT40-78J	KANAFT40-158J	KANAFT40-238J
KANAFT40-80J	KANAFT40-160J	KANA40-240 Links (3m Unit)

* When used in odd links, OL is additionally required.

Chain No. Configuration Breakdown Example: For KANAFT40-10J

Product	Quantity
40 Chain	9L (Link)
40-JL (Coupler Links (JL))	1K (pc.)

* Including coupler links (JL), there are 10 links in total.

FIT LINK Roller Chains <KANAFIT50>

● Order No. Example

KANA

FT

50

-

10

J

FIT LINK

Chain No.

No. of Links

Configuration



KANAFIT50 Product Model Number	KANAFIT50 Product Model Number	KANAFIT50 Product Model Number
KANAFIT50-2J	KANAFIT50-82J	KANAFIT50-162J
KANAFIT50-4J	KANAFIT50-84J	KANAFIT50-164J
KANAFIT50-6J	KANAFIT50-86J	KANAFIT50-166J
KANAFIT50-8J	KANAFIT50-88J	KANAFIT50-168J
KANAFIT50-10J	KANAFIT50-90J	KANAFIT50-170J
KANAFIT50-12J	KANAFIT50-92J	KANAFIT50-172J
KANAFIT50-14J	KANAFIT50-94J	KANAFIT50-174J
KANAFIT50-16J	KANAFIT50-96J	KANAFIT50-176J
KANAFIT50-18J	KANAFIT50-98J	KANAFIT50-178J
KANAFIT50-20J	KANAFIT50-100J	KANAFIT50-180J
KANAFIT50-22J	KANAFIT50-102J	KANAFIT50-182J
KANAFIT50-24J	KANAFIT50-104J	KANAFIT50-184J
KANAFIT50-26J	KANAFIT50-106J	KANAFIT50-186J
KANAFIT50-28J	KANAFIT50-108J	KANAFIT50-188J
KANAFIT50-30J	KANAFIT50-110J	KANAFIT50-190J
KANAFIT50-32J	KANAFIT50-112J	KANAFIT50-192 Links (3m Unit)
KANAFIT50-34J	KANAFIT50-114J	
KANAFIT50-36J	KANAFIT50-116J	
KANAFIT50-38J	KANAFIT50-118J	
KANAFIT50-40J	KANAFIT50-120J	
KANAFIT50-42J	KANAFIT50-122J	
KANAFIT50-44J	KANAFIT50-124J	
KANAFIT50-46J	KANAFIT50-126J	
KANAFIT50-48J	KANAFIT50-128J	
KANAFIT50-50J	KANAFIT50-130J	
KANAFIT50-52J	KANAFIT50-132J	
KANAFIT50-54J	KANAFIT50-134J	
KANAFIT50-56J	KANAFIT50-136J	
KANAFIT50-58J	KANAFIT50-138J	
KANAFIT50-60J	KANAFIT50-140J	
KANAFIT50-62J	KANAFIT50-142J	
KANAFIT50-64J	KANAFIT50-144J	
KANAFIT50-66J	KANAFIT50-146J	
KANAFIT50-68J	KANAFIT50-148J	
KANAFIT50-70J	KANAFIT50-150J	
KANAFIT50-72J	KANAFIT50-152J	
KANAFIT50-74J	KANAFIT50-154J	
KANAFIT50-76J	KANAFIT50-156J	
KANAFIT50-78J	KANAFIT50-158J	
KANAFIT50-80J	KANAFIT50-160J	

* When used in odd links, OL is additionally required.

Chain No. Configuration Breakdown Example: For KANAFIT50-10J

Product	Quantity
50 Chain	9L (Link)
50-JL (Coupler Links (JL))	1K (pc.)

* Including coupler links (JL), there are 10 links in total.

FIT LINK Roller Chains <KANAFT60>

● Order No. Example

KANA FT 60 - 10 J
FIT LINK Chain No. No. of Links Configuration



KANAFT60 Product Model Number	KANAFT60 Product Model Number	KANAFT60 Product Model Number
KANAFT60-2J	KANAFT60-82J	
KANAFT60-4J	KANAFT60-84J	
KANAFT60-6J	KANAFT60-86J	
KANAFT60-8J	KANAFT60-88J	
KANAFT60-10J	KANAFT60-90J	
KANAFT60-12J	KANAFT60-92J	
KANAFT60-14J	KANAFT60-94J	
KANAFT60-16J	KANAFT60-96J	
KANAFT60-18J	KANAFT60-98J	
KANAFT60-20J	KANAFT60-100J	
KANAFT60-22J	KANAFT60-102J	
KANAFT60-24J	KANAFT60-104J	
KANAFT60-26J	KANAFT60-106J	
KANAFT60-28J	KANAFT60-108J	
KANAFT60-30J	KANAFT60-110J	
KANAFT60-32J	KANAFT60-112J	
KANAFT60-34J	KANAFT60-114J	
KANAFT60-36J	KANAFT60-116J	
KANAFT60-38J	KANAFT60-118J	
KANAFT60-40J	KANAFT60-120J	
KANAFT60-42J	KANAFT60-122J	
KANAFT60-44J	KANAFT60-124J	
KANAFT60-46J	KANAFT60-126J	
KANAFT60-48J	KANAFT60-128J	
KANAFT60-50J	KANAFT60-130J	
KANAFT60-52J	KANAFT60-132J	
KANAFT60-54J	KANAFT60-134J	
KANAFT60-56J	KANAFT60-136J	
KANAFT60-58J	KANAFT60-138J	
KANAFT60-60J	KANAFT60-140J	
KANAFT60-62J	KANAFT60-142J	
KANAFT60-64J	KANAFT60-144J	
KANAFT60-66J	KANAFT60-146J	
KANAFT60-68J	KANAFT60-148J	
KANAFT60-70J	KANAFT60-150J	
KANAFT60-72J	KANAFT60-152J	
KANAFT60-74J	KANAFT60-154J	
KANAFT60-76J	KANAFT60-156J	
KANAFT60-78J	KANAFT60-158J	
KANAFT60-80J	KANA60-160 Links (3m Unit)	

* When used in odd links, OL is additionally required.

Chain No. Configuration Breakdown Example: For KANAFT60-10J

Product	Quantity
60 Chain	9L (Link)
60-JL (Coupler Links (JL))	1K (pc.)

* Including coupler links (JL), there are 10 links in total.

FIT LINK Roller Chains <KANAFIT80-RP>

● Order No. Example

KANA

FT

80

-

RP

10

J

FIT LINK

Chain No.

Pin Type

No. of Links

Configuration



KANAFT80	KANAFT80	KANAFT80
Product Model Number	Product Model Number	Product Model Number
KANAFT80-RP2J	KANAFT80-RP82J	
KANAFT80-RP4J	KANAFT80-RP84J	
KANAFT80-RP6J	KANAFT80-RP86J	
KANAFT80-RP8J	KANAFT80-RP88J	
KANAFT80-RP10J	KANAFT80-RP90J	
KANAFT80-RP12J	KANAFT80-RP92J	
KANAFT80-RP14J	KANAFT80-RP94J	
KANAFT80-RP16J	KANAFT80-RP96J	
KANAFT80-RP18J	KANAFT80-RP98J	
KANAFT80-RP20J	KANAFT80-RP100J	
KANAFT80-RP22J	KANAFT80-RP102J	
KANAFT80-RP24J	KANAFT80-RP104J	
KANAFT80-RP26J	KANAFT80-RP106J	
KANAFT80-RP28J	KANAFT80-RP108J	
KANAFT80-RP30J	KANAFT80-RP110J	
KANAFT80-RP32J	KANAFT80-RP112J	
KANAFT80-RP34J	KANAFT80-RP114J	
KANAFT80-RP36J	KANAFT80-RP116J	
KANAFT80-RP38J	KANAFT80-RP118J	
KANAFT80-RP40J	KANA80-RP120 Links (3m Unit)	
KANAFT80-RP42J		
KANAFT80-RP44J		
KANAFT80-RP46J		
KANAFT80-RP48J		
KANAFT80-RP50J		
KANAFT80-RP52J		
KANAFT80-RP54J		
KANAFT80-RP56J		
KANAFT80-RP58J		
KANAFT80-RP60J		
KANAFT80-RP62J		
KANAFT80-RP64J		
KANAFT80-RP66J		
KANAFT80-RP68J		
KANAFT80-RP70J		
KANAFT80-RP72J		
KANAFT80-RP74J		
KANAFT80-RP76J		
KANAFT80-RP78J		
KANAFT80-RP80J		

* When used in odd links, OL is additionally required.

Chain No. Configuration Breakdown Example: For KANAFIT80-RP10J

Product	Quantity
80RP Chain	9L (Link)
80-JL (Coupler Links (JL))	1K (pc.)

* Including coupler links (JL), there are 10 links in total.

KANA**SUS FIT LINK Roller Chains <KANAFT25-SUS>**

● Order No. Example

KANA FT 25 - SUS 10 J

FIT LINK Chain No. Material No. of Links Configuration



JL

KANAFT25-SUS Product Model Number	KANAFT25-SUS Product Model Number	KANAFT25-SUS Product Model Number
KANAFT25-SUS2J	KANAFT25-SUS82J	KANAFT25-SUS162J
KANAFT25-SUS4J	KANAFT25-SUS84J	KANAFT25-SUS164J
KANAFT25-SUS6J	KANAFT25-SUS86J	KANAFT25-SUS166J
KANAFT25-SUS8J	KANAFT25-SUS88J	KANAFT25-SUS168J
KANAFT25-SUS10J	KANAFT25-SUS90J	KANAFT25-SUS170J
KANAFT25-SUS12J	KANAFT25-SUS92J	KANAFT25-SUS172J
KANAFT25-SUS14J	KANAFT25-SUS94J	KANAFT25-SUS174J
KANAFT25-SUS16J	KANAFT25-SUS96J	KANAFT25-SUS176J
KANAFT25-SUS18J	KANAFT25-SUS98J	KANAFT25-SUS178J
KANAFT25-SUS20J	KANAFT25-SUS100J	KANAFT25-SUS180J
KANAFT25-SUS22J	KANAFT25-SUS102J	KANAFT25-SUS182J
KANAFT25-SUS24J	KANAFT25-SUS104J	KANAFT25-SUS184J
KANAFT25-SUS26J	KANAFT25-SUS106J	KANAFT25-SUS186J
KANAFT25-SUS28J	KANAFT25-SUS108J	KANAFT25-SUS188J
KANAFT25-SUS30J	KANAFT25-SUS110J	KANAFT25-SUS190J
KANAFT25-SUS32J	KANAFT25-SUS112J	KANAFT25-SUS192J
KANAFT25-SUS34J	KANAFT25-SUS114J	KANAFT25-SUS194J
KANAFT25-SUS36J	KANAFT25-SUS116J	KANAFT25-SUS196J
KANAFT25-SUS38J	KANAFT25-SUS118J	KANAFT25-SUS198J
KANAFT25-SUS40J	KANAFT25-SUS120J	KANAFT25-SUS200J
KANAFT25-SUS42J	KANAFT25-SUS122J	KANAFT25-SUS202J
KANAFT25-SUS44J	KANAFT25-SUS124J	KANAFT25-SUS204J
KANAFT25-SUS46J	KANAFT25-SUS126J	KANAFT25-SUS206J
KANAFT25-SUS48J	KANAFT25-SUS128J	KANAFT25-SUS208J
KANAFT25-SUS50J	KANAFT25-SUS130J	KANAFT25-SUS210J
KANAFT25-SUS52J	KANAFT25-SUS132J	KANAFT25-SUS212J
KANAFT25-SUS54J	KANAFT25-SUS134J	KANAFT25-SUS214J
KANAFT25-SUS56J	KANAFT25-SUS136J	KANAFT25-SUS216J
KANAFT25-SUS58J	KANAFT25-SUS138J	KANAFT25-SUS218J
KANAFT25-SUS60J	KANAFT25-SUS140J	KANAFT25-SUS220J
KANAFT25-SUS62J	KANAFT25-SUS142J	KANAFT25-SUS222J
KANAFT25-SUS64J	KANAFT25-SUS144J	KANAFT25-SUS224J
KANAFT25-SUS66J	KANAFT25-SUS146J	KANAFT25-SUS226J
KANAFT25-SUS68J	KANAFT25-SUS148J	KANAFT25-SUS228J
KANAFT25-SUS70J	KANAFT25-SUS150J	KANAFT25-SUS230J
KANAFT25-SUS72J	KANAFT25-SUS152J	KANAFT25-SUS232J
KANAFT25-SUS74J	KANAFT25-SUS154J	KANAFT25-SUS234J
KANAFT25-SUS76J	KANAFT25-SUS156J	KANAFT25-SUS236J
KANAFT25-SUS78J	KANAFT25-SUS158J	KANAFT25-SUS238J
KANAFT25-SUS80J	KANAFT25-SUS160J	KANAFT25-SUS240J

Chain No. Configuration Breakdown Example: For KANAFT25-SUS10J

Product	Quantity
SUS25 Chain	9L (Link)
25-SUSJL (Coupler Links (JL))	1K (pc.)

* Including coupler links (SUSJL), there are 10 links in total.

KANAFT25-SUS Product Model Number	KANAFT25-SUS Product Model Number	KANAFT25-SUS Product Model Number
KANAFT25-SUS242J	KANAFT25-SUS322J	KANAFT25-SUS402J
KANAFT25-SUS244J	KANAFT25-SUS324J	KANAFT25-SUS404J
KANAFT25-SUS246J	KANAFT25-SUS326J	KANAFT25-SUS406J
KANAFT25-SUS248J	KANAFT25-SUS328J	KANAFT25-SUS408J
KANAFT25-SUS250J	KANAFT25-SUS330J	KANAFT25-SUS410J
KANAFT25-SUS252J	KANAFT25-SUS332J	KANAFT25-SUS412J
KANAFT25-SUS254J	KANAFT25-SUS334J	KANAFT25-SUS414J
KANAFT25-SUS256J	KANAFT25-SUS336J	KANAFT25-SUS416J
KANAFT25-SUS258J	KANAFT25-SUS338J	KANAFT25-SUS418J
KANAFT25-SUS260J	KANAFT25-SUS340J	KANAFT25-SUS420J
KANAFT25-SUS262J	KANAFT25-SUS342J	KANAFT25-SUS422J
KANAFT25-SUS264J	KANAFT25-SUS344J	KANAFT25-SUS424J
KANAFT25-SUS266J	KANAFT25-SUS346J	KANAFT25-SUS426J
KANAFT25-SUS268J	KANAFT25-SUS348J	KANAFT25-SUS428J
KANAFT25-SUS270J	KANAFT25-SUS350J	KANAFT25-SUS430J
KANAFT25-SUS272J	KANAFT25-SUS352J	KANAFT25-SUS432J
KANAFT25-SUS274J	KANAFT25-SUS354J	KANAFT25-SUS434J
KANAFT25-SUS276J	KANAFT25-SUS356J	KANAFT25-SUS436J
KANAFT25-SUS278J	KANAFT25-SUS358J	KANAFT25-SUS438J
KANAFT25-SUS280J	KANAFT25-SUS360J	KANAFT25-SUS440J
KANAFT25-SUS282J	KANAFT25-SUS362J	KANAFT25-SUS442J
KANAFT25-SUS284J	KANAFT25-SUS364J	KANAFT25-SUS444J
KANAFT25-SUS286J	KANAFT25-SUS366J	KANAFT25-SUS446J
KANAFT25-SUS288J	KANAFT25-SUS368J	KANAFT25-SUS448J
KANAFT25-SUS290J	KANAFT25-SUS370J	KANAFT25-SUS450J
KANAFT25-SUS292J	KANAFT25-SUS372J	KANAFT25-SUS452J
KANAFT25-SUS294J	KANAFT25-SUS374J	KANAFT25-SUS454J
KANAFT25-SUS296J	KANAFT25-SUS376J	KANAFT25-SUS456J
KANAFT25-SUS298J	KANAFT25-SUS378J	KANAFT25-SUS458J
KANAFT25-SUS300J	KANAFT25-SUS380J	KANAFT25-SUS460J
KANAFT25-SUS302J	KANAFT25-SUS382J	KANAFT25-SUS462J
KANAFT25-SUS304J	KANAFT25-SUS384J	KANAFT25-SUS464J
KANAFT25-SUS306J	KANAFT25-SUS386J	KANAFT25-SUS466J
KANAFT25-SUS308J	KANAFT25-SUS388J	KANAFT25-SUS468J
KANAFT25-SUS310J	KANAFT25-SUS390J	KANAFT25-SUS470J
KANAFT25-SUS312J	KANAFT25-SUS392J	KANAFT25-SUS472J
KANAFT25-SUS314J	KANAFT25-SUS394J	KANAFT25-SUS474J
KANAFT25-SUS316J	KANAFT25-SUS396J	KANAFT25-SUS476J
KANAFT25-SUS318J	KANAFT25-SUS398J	KANAFT25-SUS478J
KANAFT25-SUS320J	KANAFT25-SUS400J	KANA25-SUS480 Links (3m Unit)

* When used in odd links, OL is additionally required. Refer to P.260 for order method.

KANA**SUS FIT LINK Roller Chains <KANAFIT35-SUS>**

● Order No. Example

KANA FT 35 - SUS 10 J

FIT LINK Chain No. Material No. of Links Configuration



JL

KANAFIT35-SUS Product Model Number	KANAFIT35-SUS Product Model Number	KANAFIT35-SUS Product Model Number
KANAFIT35-SUS2J	KANAFIT35-SUS82J	KANAFIT35-SUS162J
KANAFIT35-SUS4J	KANAFIT35-SUS84J	KANAFIT35-SUS164J
KANAFIT35-SUS6J	KANAFIT35-SUS86J	KANAFIT35-SUS166J
KANAFIT35-SUS8J	KANAFIT35-SUS88J	KANAFIT35-SUS168J
KANAFIT35-SUS10J	KANAFIT35-SUS90J	KANAFIT35-SUS170J
KANAFIT35-SUS12J	KANAFIT35-SUS92J	KANAFIT35-SUS172J
KANAFIT35-SUS14J	KANAFIT35-SUS94J	KANAFIT35-SUS174J
KANAFIT35-SUS16J	KANAFIT35-SUS96J	KANAFIT35-SUS176J
KANAFIT35-SUS18J	KANAFIT35-SUS98J	KANAFIT35-SUS178J
KANAFIT35-SUS20J	KANAFIT35-SUS100J	KANAFIT35-SUS180J
KANAFIT35-SUS22J	KANAFIT35-SUS102J	KANAFIT35-SUS182J
KANAFIT35-SUS24J	KANAFIT35-SUS104J	KANAFIT35-SUS184J
KANAFIT35-SUS26J	KANAFIT35-SUS106J	KANAFIT35-SUS186J
KANAFIT35-SUS28J	KANAFIT35-SUS108J	KANAFIT35-SUS188J
KANAFIT35-SUS30J	KANAFIT35-SUS110J	KANAFIT35-SUS190J
KANAFIT35-SUS32J	KANAFIT35-SUS112J	KANAFIT35-SUS192J
KANAFIT35-SUS34J	KANAFIT35-SUS114J	KANAFIT35-SUS194J
KANAFIT35-SUS36J	KANAFIT35-SUS116J	KANAFIT35-SUS196J
KANAFIT35-SUS38J	KANAFIT35-SUS118J	KANAFIT35-SUS198J
KANAFIT35-SUS40J	KANAFIT35-SUS120J	KANAFIT35-SUS200J
KANAFIT35-SUS42J	KANAFIT35-SUS122J	KANAFIT35-SUS202J
KANAFIT35-SUS44J	KANAFIT35-SUS124J	KANAFIT35-SUS204J
KANAFIT35-SUS46J	KANAFIT35-SUS126J	KANAFIT35-SUS206J
KANAFIT35-SUS48J	KANAFIT35-SUS128J	KANAFIT35-SUS208J
KANAFIT35-SUS50J	KANAFIT35-SUS130J	KANAFIT35-SUS210J
KANAFIT35-SUS52J	KANAFIT35-SUS132J	KANAFIT35-SUS212J
KANAFIT35-SUS54J	KANAFIT35-SUS134J	KANAFIT35-SUS214J
KANAFIT35-SUS56J	KANAFIT35-SUS136J	KANAFIT35-SUS216J
KANAFIT35-SUS58J	KANAFIT35-SUS138J	KANAFIT35-SUS218J
KANAFIT35-SUS60J	KANAFIT35-SUS140J	KANAFIT35-SUS220J
KANAFIT35-SUS62J	KANAFIT35-SUS142J	KANAFIT35-SUS222J
KANAFIT35-SUS64J	KANAFIT35-SUS144J	KANAFIT35-SUS224J
KANAFIT35-SUS66J	KANAFIT35-SUS146J	KANAFIT35-SUS226J
KANAFIT35-SUS68J	KANAFIT35-SUS148J	KANAFIT35-SUS228J
KANAFIT35-SUS70J	KANAFIT35-SUS150J	KANAFIT35-SUS230J
KANAFIT35-SUS72J	KANAFIT35-SUS152J	KANAFIT35-SUS232J
KANAFIT35-SUS74J	KANAFIT35-SUS154J	KANAFIT35-SUS234J
KANAFIT35-SUS76J	KANAFIT35-SUS156J	KANAFIT35-SUS236J
KANAFIT35-SUS78J	KANAFIT35-SUS158J	KANAFIT35-SUS238J
KANAFIT35-SUS80J	KANAFIT35-SUS160J	KANAFIT35-SUS240J

Chain No. Configuration Breakdown Example: For KANAFIT35-SUS10J

Product	Quantity
SUS35 Chain	9L (Link)
35-SUSJL (Coupler Links (JL))	1K (pc.)

* Including coupler links (SUSJL), there are 10 links in total.

KANAFT35-SUS Product Model Number	KANAFT35-SUS Product Model Number	KANAFT35-SUS Product Model Number
KANAFT35-SUS242J		
KANAFT35-SUS244J		
KANAFT35-SUS246J		
KANAFT35-SUS248J		
KANAFT35-SUS250J		
KANAFT35-SUS252J		
KANAFT35-SUS254J		
KANAFT35-SUS256J		
KANAFT35-SUS258J		
KANAFT35-SUS260J		
KANAFT35-SUS262J		
KANAFT35-SUS264J		
KANAFT35-SUS266J		
KANAFT35-SUS268J		
KANAFT35-SUS270J		
KANAFT35-SUS272J		
KANAFT35-SUS274J		
KANAFT35-SUS276J		
KANAFT35-SUS278J		
KANAFT35-SUS280J		
KANAFT35-SUS282J		
KANAFT35-SUS284J		
KANAFT35-SUS286J		
KANAFT35-SUS288J		
KANAFT35-SUS290J		
KANAFT35-SUS292J		
KANAFT35-SUS294J		
KANAFT35-SUS296J		
KANAFT35-SUS298J		
KANAFT35-SUS300J		
KANAFT35-SUS302J		
KANAFT35-SUS304J		
KANAFT35-SUS306J		
KANAFT35-SUS308J		
KANAFT35-SUS310J		
KANAFT35-SUS312J		
KANAFT35-SUS314J		
KANAFT35-SUS316J		
KANAFT35-SUS318J		
KANA35-SUS320 Links (3m Unit)		

* When used in odd links, OL is additionally required.

KANA

SUS FIT LINK Roller Chains <KANAFIT40-SUS>

● Order No. Example

KANA

FT

40

-

SUS

10

J

FIT LINK

Chain No.

Material

No. of Links

Configuration



KANAFIT40-SUS	KANAFIT40-SUS	KANAFIT40-SUS
Product Model Number	Product Model Number	Product Model Number
KANAFIT40-SUS2J	KANAFIT40-SUS82J	KANAFIT40-SUS162J
KANAFIT40-SUS4J	KANAFIT40-SUS84J	KANAFIT40-SUS164J
KANAFIT40-SUS6J	KANAFIT40-SUS86J	KANAFIT40-SUS166J
KANAFIT40-SUS8J	KANAFIT40-SUS88J	KANAFIT40-SUS168J
KANAFIT40-SUS10J	KANAFIT40-SUS90J	KANAFIT40-SUS170J
KANAFIT40-SUS12J	KANAFIT40-SUS92J	KANAFIT40-SUS172J
KANAFIT40-SUS14J	KANAFIT40-SUS94J	KANAFIT40-SUS174J
KANAFIT40-SUS16J	KANAFIT40-SUS96J	KANAFIT40-SUS176J
KANAFIT40-SUS18J	KANAFIT40-SUS98J	KANAFIT40-SUS178J
KANAFIT40-SUS20J	KANAFIT40-SUS100J	KANAFIT40-SUS180J
KANAFIT40-SUS22J	KANAFIT40-SUS102J	KANAFIT40-SUS182J
KANAFIT40-SUS24J	KANAFIT40-SUS104J	KANAFIT40-SUS184J
KANAFIT40-SUS26J	KANAFIT40-SUS106J	KANAFIT40-SUS186J
KANAFIT40-SUS28J	KANAFIT40-SUS108J	KANAFIT40-SUS188J
KANAFIT40-SUS30J	KANAFIT40-SUS110J	KANAFIT40-SUS190J
KANAFIT40-SUS32J	KANAFIT40-SUS112J	KANAFIT40-SUS192J
KANAFIT40-SUS34J	KANAFIT40-SUS114J	KANAFIT40-SUS194J
KANAFIT40-SUS36J	KANAFIT40-SUS116J	KANAFIT40-SUS196J
KANAFIT40-SUS38J	KANAFIT40-SUS118J	KANAFIT40-SUS198J
KANAFIT40-SUS40J	KANAFIT40-SUS120J	KANAFIT40-SUS200J
KANAFIT40-SUS42J	KANAFIT40-SUS122J	KANAFIT40-SUS202J
KANAFIT40-SUS44J	KANAFIT40-SUS124J	KANAFIT40-SUS204J
KANAFIT40-SUS46J	KANAFIT40-SUS126J	KANAFIT40-SUS206J
KANAFIT40-SUS48J	KANAFIT40-SUS128J	KANAFIT40-SUS208J
KANAFIT40-SUS50J	KANAFIT40-SUS130J	KANAFIT40-SUS210J
KANAFIT40-SUS52J	KANAFIT40-SUS132J	KANAFIT40-SUS212J
KANAFIT40-SUS54J	KANAFIT40-SUS134J	KANAFIT40-SUS214J
KANAFIT40-SUS56J	KANAFIT40-SUS136J	KANAFIT40-SUS216J
KANAFIT40-SUS58J	KANAFIT40-SUS138J	KANAFIT40-SUS218J
KANAFIT40-SUS60J	KANAFIT40-SUS140J	KANAFIT40-SUS220J
KANAFIT40-SUS62J	KANAFIT40-SUS142J	KANAFIT40-SUS222J
KANAFIT40-SUS64J	KANAFIT40-SUS144J	KANAFIT40-SUS224J
KANAFIT40-SUS66J	KANAFIT40-SUS146J	KANAFIT40-SUS226J
KANAFIT40-SUS68J	KANAFIT40-SUS148J	KANAFIT40-SUS228J
KANAFIT40-SUS70J	KANAFIT40-SUS150J	KANAFIT40-SUS230J
KANAFIT40-SUS72J	KANAFIT40-SUS152J	KANAFIT40-SUS232J
KANAFIT40-SUS74J	KANAFIT40-SUS154J	KANAFIT40-SUS234J
KANAFIT40-SUS76J	KANAFIT40-SUS156J	KANAFIT40-SUS236J
KANAFIT40-SUS78J	KANAFIT40-SUS158J	KANAFIT40-SUS238J
KANAFIT40-SUS80J	KANAFIT40-SUS160J	KANAFIT40-SUS240 Links (3m Unit)

* When used in odd links, OL is additionally required.

Chain No. Configuration Breakdown Example: For KANAFIT40-SUS10J

Product	Quantity
SUS40 Chain	9L (Link)
40-SUSJL (Coupler Links (JL))	1K (pc.)

* Including coupler links (SUSJL), there are 10 links in total.

SUS FIT LINK Roller Chains <KANAFT50-SUS>

● Order No. Example

KANA FT 50 - SUS 10 J

FIT LINK Chain No. Material No. of Links Configuration



KANAFT50-SUS Product Model Number	KANAFT50-SUS Product Model Number	KANAFT50-SUS Product Model Number
KANAFT50-SUS2J	KANAFT50-SUS82J	KANAFT50-SUS162J
KANAFT50-SUS4J	KANAFT50-SUS84J	KANAFT50-SUS164J
KANAFT50-SUS6J	KANAFT50-SUS86J	KANAFT50-SUS166J
KANAFT50-SUS8J	KANAFT50-SUS88J	KANAFT50-SUS168J
KANAFT50-SUS10J	KANAFT50-SUS90J	KANAFT50-SUS170J
KANAFT50-SUS12J	KANAFT50-SUS92J	KANAFT50-SUS172J
KANAFT50-SUS14J	KANAFT50-SUS94J	KANAFT50-SUS174J
KANAFT50-SUS16J	KANAFT50-SUS96J	KANAFT50-SUS176J
KANAFT50-SUS18J	KANAFT50-SUS98J	KANAFT50-SUS178J
KANAFT50-SUS20J	KANAFT50-SUS100J	KANAFT50-SUS180J
KANAFT50-SUS22J	KANAFT50-SUS102J	KANAFT50-SUS182J
KANAFT50-SUS24J	KANAFT50-SUS104J	KANAFT50-SUS184J
KANAFT50-SUS26J	KANAFT50-SUS106J	KANAFT50-SUS186J
KANAFT50-SUS28J	KANAFT50-SUS108J	KANAFT50-SUS188J
KANAFT50-SUS30J	KANAFT50-SUS110J	KANAFT50-SUS190J
KANAFT50-SUS32J	KANAFT50-SUS112J	KANA50-SUS192 Links (3m Unit)
KANAFT50-SUS34J	KANAFT50-SUS114J	
KANAFT50-SUS36J	KANAFT50-SUS116J	
KANAFT50-SUS38J	KANAFT50-SUS118J	
KANAFT50-SUS40J	KANAFT50-SUS120J	
KANAFT50-SUS42J	KANAFT50-SUS122J	
KANAFT50-SUS44J	KANAFT50-SUS124J	
KANAFT50-SUS46J	KANAFT50-SUS126J	
KANAFT50-SUS48J	KANAFT50-SUS128J	
KANAFT50-SUS50J	KANAFT50-SUS130J	
KANAFT50-SUS52J	KANAFT50-SUS132J	
KANAFT50-SUS54J	KANAFT50-SUS134J	
KANAFT50-SUS56J	KANAFT50-SUS136J	
KANAFT50-SUS58J	KANAFT50-SUS138J	
KANAFT50-SUS60J	KANAFT50-SUS140J	
KANAFT50-SUS62J	KANAFT50-SUS142J	
KANAFT50-SUS64J	KANAFT50-SUS144J	
KANAFT50-SUS66J	KANAFT50-SUS146J	
KANAFT50-SUS68J	KANAFT50-SUS148J	
KANAFT50-SUS70J	KANAFT50-SUS150J	
KANAFT50-SUS72J	KANAFT50-SUS152J	
KANAFT50-SUS74J	KANAFT50-SUS154J	
KANAFT50-SUS76J	KANAFT50-SUS156J	
KANAFT50-SUS78J	KANAFT50-SUS158J	
KANAFT50-SUS80J	KANAFT50-SUS160J	

* When used in odd links, OL is additionally required.

Chain No. Configuration Breakdown Example: For KANAFT50-SUS10J

Product	Quantity
SUS50 Chain	9L (Link)
50-SUSJL (Coupler Links (JL))	1K (pc.)

* Including coupler links (SUSJL), there are 10 links in total.

KANA

SUS FIT LINK Roller Chains <KANAFT60-SUS>

● Order No. Example

KANA

FT

60

-

SUS

8

J

FIT LINK

Chain No.

Material

No. of Links

Configuration



KANAFT60-SUS Product Model Number	KANAFT60-SUS Product Model Number	KANAFT60-SUS Product Model Number
KANAFT60-SUS2J	KANAFT60-SUS82J	
KANAFT60-SUS4J	KANAFT60-SUS84J	
KANAFT60-SUS6J	KANAFT60-SUS86J	
KANAFT60-SUS8J	KANAFT60-SUS88J	
KANAFT60-SUS10J	KANAFT60-SUS90J	
KANAFT60-SUS12J	KANAFT60-SUS92J	
KANAFT60-SUS14J	KANAFT60-SUS94J	
KANAFT60-SUS16J	KANAFT60-SUS96J	
KANAFT60-SUS18J	KANAFT60-SUS98J	
KANAFT60-SUS20J	KANAFT60-SUS100J	
KANAFT60-SUS22J	KANAFT60-SUS102J	
KANAFT60-SUS24J	KANAFT60-SUS104J	
KANAFT60-SUS26J	KANAFT60-SUS106J	
KANAFT60-SUS28J	KANAFT60-SUS108J	
KANAFT60-SUS30J	KANAFT60-SUS110J	
KANAFT60-SUS32J	KANAFT60-SUS112J	
KANAFT60-SUS34J	KANAFT60-SUS114J	
KANAFT60-SUS36J	KANAFT60-SUS116J	
KANAFT60-SUS38J	KANAFT60-SUS118J	
KANAFT60-SUS40J	KANAFT60-SUS120J	
KANAFT60-SUS42J	KANAFT60-SUS122J	
KANAFT60-SUS44J	KANAFT60-SUS124J	
KANAFT60-SUS46J	KANAFT60-SUS126J	
KANAFT60-SUS48J	KANAFT60-SUS128J	
KANAFT60-SUS50J	KANAFT60-SUS130J	
KANAFT60-SUS52J	KANAFT60-SUS132J	
KANAFT60-SUS54J	KANAFT60-SUS134J	
KANAFT60-SUS56J	KANAFT60-SUS136J	
KANAFT60-SUS58J	KANAFT60-SUS138J	
KANAFT60-SUS60J	KANAFT60-SUS140J	
KANAFT60-SUS62J	KANAFT60-SUS142J	
KANAFT60-SUS64J	KANAFT60-SUS144J	
KANAFT60-SUS66J	KANAFT60-SUS146J	
KANAFT60-SUS68J	KANAFT60-SUS148J	
KANAFT60-SUS70J	KANAFT60-SUS150J	
KANAFT60-SUS72J	KANAFT60-SUS152J	
KANAFT60-SUS74J	KANAFT60-SUS154J	
KANAFT60-SUS76J	KANAFT60-SUS156J	
KANAFT60-SUS78J	KANAFT60-SUS158J	
KANAFT60-SUS80J	KANA60-SUS160 Links (3m Unit)	

* When used in odd links, OL is additionally required.

Chain No. Configuration Breakdown Example: For KANAFT60-SUS10J

Product	Quantity
SUS60 Chain	9L (Link)
60-SUSJL (Coupler Links (JL))	1K (pc.)

* Including coupler links (SUSJL), there are 10 links in total.

SUS FIT LINK Roller Chains <KANAFIT80-RPSUS>

● Order No. Example

KANA

FT

80

-

RP

SUS

6

J

FIT LINK

Chain No.

Pin Type

Material

No. of Links

Configuration



KANAFIT80-RPSUS Product Model Number	KANAFIT80-RPSUS Product Model Number	KANAFIT80-RPSUS Product Model Number
KANAFIT80-RPSUS2J	KANAFIT80-RPSUS82J	
KANAFIT80-RPSUS4J	KANAFIT80-RPSUS84J	
KANAFIT80-RPSUS6J	KANAFIT80-RPSUS86J	
KANAFIT80-RPSUS8J	KANAFIT80-RPSUS88J	
KANAFIT80-RPSUS10J	KANAFIT80-RPSUS90J	
KANAFIT80-RPSUS12J	KANAFIT80-RPSUS92J	
KANAFIT80-RPSUS14J	KANAFIT80-RPSUS94J	
KANAFIT80-RPSUS16J	KANAFIT80-RPSUS96J	
KANAFIT80-RPSUS18J	KANAFIT80-RPSUS98J	
KANAFIT80-RPSUS20J	KANAFIT80-RPSUS100J	
KANAFIT80-RPSUS22J	KANAFIT80-RPSUS102J	
KANAFIT80-RPSUS24J	KANAFIT80-RPSUS104J	
KANAFIT80-RPSUS26J	KANAFIT80-RPSUS106J	
KANAFIT80-RPSUS28J	KANAFIT80-RPSUS108J	
KANAFIT80-RPSUS30J	KANAFIT80-RPSUS110J	
KANAFIT80-RPSUS32J	KANAFIT80-RPSUS112J	
KANAFIT80-RPSUS34J	KANAFIT80-RPSUS114J	
KANAFIT80-RPSUS36J	KANAFIT80-RPSUS116J	
KANAFIT80-RPSUS38J	KANAFIT80-RPSUS118J	
KANAFIT80-RPSUS40J	KANA80-RPSUS120 Links (3m Unit)	
KANAFIT80-RPSUS42J		
KANAFIT80-RPSUS44J		
KANAFIT80-RPSUS46J		
KANAFIT80-RPSUS48J		
KANAFIT80-RPSUS50J		
KANAFIT80-RPSUS52J		
KANAFIT80-RPSUS54J		
KANAFIT80-RPSUS56J		
KANAFIT80-RPSUS58J		
KANAFIT80-RPSUS60J		
KANAFIT80-RPSUS62J		
KANAFIT80-RPSUS64J		
KANAFIT80-RPSUS66J		
KANAFIT80-RPSUS68J		
KANAFIT80-RPSUS70J		
KANAFIT80-RPSUS72J		
KANAFIT80-RPSUS74J		
KANAFIT80-RPSUS76J		
KANAFIT80-RPSUS78J		
KANAFIT80-RPSUS80J		

* When used in odd links, OL is additionally required.

Chain No. Configuration Breakdown Example: For KANAFIT80-RPSUS10J

Product	Quantity
SUS80RP Chain	9L (Link)
80-SUSJL (Coupler Links (JL))	1K (pc.)

* Including coupler links (SUSJL), there are 10 links in total.

No.25 / No.25 SUS Roller Chains ⚠️ 注意点!

No.25 / No.25 SUS roller chains are extremely small, they have a different offset link (OL) shape than roller chains of model numbers No.35 and above, and their internal links and offset links are integrated.



No.25 / No.25 SUS Offset links

*These are called double pitch type offset links (2POL).

When looping a chain with No.25 / No.25 SUS offset links, **2 coupler links (JL)** are required.

Take care.

Procedure 1 Connect the No.25 / No.25 SUS coupler link (JL)



Procedure 2 Connect the No.25 / No.25 SUS offset link



Procedure 3 Connect the second No.25 / No.25 SUS coupler link (JL) to link the chain into a loop.



● For example...

For No.25 / No.25 SUS chain of 9 links,

No.25 / No.25 SUS chain - links on each end - 5 links

No.25 / No.25 SUS chain - coupler link (JL) x 2

No.25 / No.25 SUS chain - offset link (2POL) x 1 are required.



No.25 / No.25 SUS chain
Links on each end - 5 links



No.25 /
No.25 SUS
JL



No.25 /
No.25 SUS
2POL



No.25 /
No.25 SUS
JL



The diagram shows steel-made chains as an example.

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

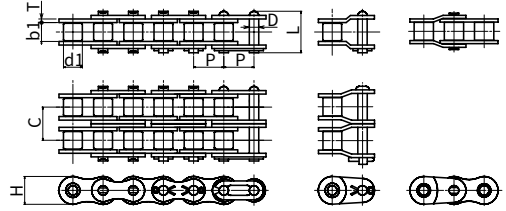
Access to Digital Catalog Information!

KANA Roller Chains



● Order No. Example

KANA40- RP 240 Links
 Chain No. Pin Type Unit
10ft
3m



2POL
* Only No.25

KANA roller chains are cost-performance products manufactured with strict quality control.
 Both single-row and multiple-row (2-row, 3-row, 4-row) chains are always in large stock, enabling rapid shipment.

Chain No.	Pin Type	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin Diameter D	Pin Length (JL Part)				Horizontal Pitch C	Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN(kgf)
					Thickness T	Width H		1 row	2 rows	3 rows	4 rows			
								L						
KANA 25	RP	6.35	★3.30	3.18	0.80	6.00	2.31	8.4	—	—	—	—	5.0(510)	0.64(65)
KANA 35	RP	9.525	★5.08	4.77	1.30	9.00	3.58	13.2	23.3	33.5	—	10.13	11.3(1,160)	2.16(220)
KANA 40	RP	12.70	7.95	7.85	1.50	12.00	3.96	17.8	32.2	46.6	61.0	14.38	18.6(1,900)	3.63(370)
KANA 50	RP	15.875	10.16	9.40	2.03	15.09	5.08	22.2	40.4	58.5	76.6	18.11	31.3(3,200)	6.37(650)
KANA 60	RP	19.05	11.91	12.57	2.35	18.00	5.94	27.7	50.5	73.3	96.1	22.78	43.2(4,400)	8.83(900)
KANA 80	RP	25.40	15.88	15.75	3.20	24.00	7.92	35.0	64.3	93.6	—	29.29	74.3(7,600)	14.7 (1,500)
	CP	25.40	15.88	15.75	3.20	24.00	7.92	35.0	64.3	93.6	124.4	29.29		
KANA 100	RP	31.75	19.05	18.90	4.00	29.95	9.53	44.7	80.5	116.3	—	35.76	107.6(11,000)	22.5 (2,300)
	CP	31.75	19.05	18.90	4.00	30.00	9.53	44.7	80.5	116.3	152.1	35.76		
KANA 120	RP	38.10	22.23	25.22	4.80	35.70	11.1	54.3	99.7	145.2	—	45.44	163.1(16,600)	30.4 (3,100)
	CP	38.10	22.23	25.22	4.80	35.70	11.1	54.3	99.7	145.2	—	45.44		
KANA 140	RP	44.45	25.40	25.22	5.60	41.00	12.7	59.0	107.9	156.8	—	48.87	222.5(22,700)	40.2 (4,100)
	CP	44.45	25.40	25.22	5.60	41.00	12.7	59.0	107.9	156.8	—	48.87		
KANA 160	RP	50.80	28.58	31.55	6.40	47.80	14.27	69.6	128.1	186.6	—	58.55	266.9(27,200)	52.9 (5,400)
	CP	50.80	28.58	31.55	6.40	47.80	14.27	69.6	128.1	186.6	—	58.55		
KANA 180	RP	57.15	35.71	35.48	7.20	53.60	17.46	78.6	—	—	—	65.84	361.1(36,800)	60.8 (6,200)
KANA 200	RP	63.50	39.68	37.85	8.00	60.00	19.85	87.2	158.8	—	—	71.55	466.8(47,600)	71.59(7,300)
	CP	63.50	39.68	37.85	8.00	60.00	19.85	87.2	158.8	—	—	71.55		

Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)			
KANA 25	1	RP	KANA25-T	Roller Chains	0.15	480L	3m	1			
			KANA25-JL	Coupler Links			100				
			KANA25-OL	Offset Links			100				
KANA 35	1	RP	KANA35-T	Roller Chains	0.33	320L	3m	1			
			KANA35-CS	Roller Chains		8000L	76m	1			
			KANA35-JL	Coupler Links			50				
			KANA35-OL	Offset Links			50				
			KANA35-2T	Roller Chains	0.63	320L	3m	1			
	KANA35-2JL		Coupler Links	50							
	KANA35-2OL		Offset Links			50					
	3		KANA35-3T	Roller Chains	0.95	320L	3m	1			
			KANA35-3JL	Coupler Links				50			
			KANA35-3OL	Offset Links			50				
			KANA 40	1	RP	KANA40-T	Roller Chains	0.62	240L	3m	1
						KANA40-CS	Roller Chains		2400L	30m	1
KANA40-JL	Coupler Links						40				
KANA40-OL	Offset Links						30				
KANA40-2T	Roller Chains	1.12				240L	3m	1			
KANA40-2JL	Coupler Links			40							
KANA40-2OL	Offset Links					40					
3	KANA40-3T	Roller Chains		1.90		240L	3m	1			
	KANA40-3JL	Coupler Links						30			
	KANA40-3OL	Offset Links					25				
	4	KANA40-4T		Roller Chains		2.57	240L	3m	1		
		KANA40-4JL		Coupler Links					25		
KANA40-4OL		Offset Links					15				
KANA 50		1		RP		KANA50-T	Roller Chains	1.02	192L	3m	1
						KANA50-CS	Roller Chains		1920L	30m	1
	KANA50-JL					Coupler Links			30		
	KANA50-OL		Offset Links				20				
	KANA50-2T		Roller Chains		2.00	192L	3m	1			
	KANA50-2JL	Coupler Links	25								
	KANA50-2OL	Offset Links				20					
	3	KANA50-3T	Roller Chains		3.09	192L	3m	1			
		KANA50-3JL	Coupler Links					15			
		KANA50-3OL	Offset Links				15				
		4	KANA50-4T		Roller Chains	4.30	192L	3m	1		
			KANA50-4JL		Coupler Links				5		
	KANA50-4OL		Offset Links				15				

* ★ indicates the bushing diameter of bushed chains.

* Pin type: RP is a rivet type and CP is a cotter pin type.

* The offset link of KANA 25 is a double pitch type.

Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)		
KANA 60	1	RP	KANA60-T	Roller Chains	1.50	160L	3m	1		
			KANA60-CS	Roller Chains		1600L	30m	1		
			KANA60-JL	Coupler Links				25		
			KANA60-OL	Offset Links				15		
	2		KANA60-2T	Roller Chains	2.92	160L	3m	1		
			KANA60-2JL	Coupler Links				20		
			KANA60-2OL	Offset Links				15		
			3	KANA60-3T	Roller Chains	4.54	160L	3m	1	
	KANA60-3JL			Coupler Links	15					
	KANA60-3OL			Offset Links				10		
	4			KANA60-4T	Roller Chains	6.21	160L	3m	1	
			KANA60-4JL	Coupler Links	10					
KANA60-4OL		Offset Links				5				
KANA 80		1	RP	KANA80-RPT	Roller Chains	2.60	120L	3m	1	
	KANA80-CS			Roller Chains	600L		15m	1		
	CP		KANA80-CPT	Roller Chains			120L	3m	1	
			KANA80-JL	Coupler Links						
			KANA80-OL	Offset Links				10		
			2	RP	KANA80-2RPT	Roller Chains	5.15	120L	3m	1
	KANA80-2CPT	Roller Chains			1					
	CP	KANA80-2JL		Coupler Links						
		KANA80-2OL		Offset Links				6		
	3	RP	KANA80-3RPT	Roller Chains	7.89	120L	3m	1		
			KANA80-3CPT	Roller Chains	7.89	120L	3m	1		
		CP	KANA80-3JL	Coupler Links				8		
			KANA80-3OL	Offset Links				2		
	4	CP	KANA80-4CPT	Roller Chains	10.37	120L	3m	1		
			KANA80-4JL	Coupler Links						
		KANA80-4OL	Offset Links							3
KANA 100		1	RP	KANA100-RPT	Roller Chains	3.91	96L	3m	1	
	KANA100-CPT			Roller Chains	1					
	CP		KANA100-JL	Coupler Links						
			KANA100-OL	Offset Links				8		
	2	RP	KANA100-2RPT	Roller Chains	7.80	96L	3m	1		
			KANA100-2CPT	Roller Chains				1		
		CP	KANA100-2JL	Coupler Links						
			KANA100-2OL	Offset Links				15		
	3	RP	KANA100-3RPT	Roller Chains	11.77	96L	3m	1		
			KANA100-3CPT	Roller Chains	11.77	96L	3m	1		
		CP	KANA100-3JL	Coupler Links				3		
			KANA100-3OL	Offset Links				2		
	4	CP	KANA100-4CPT	Roller Chains	15.60	48L	1.5m	1		
			KANA100-4JL	Coupler Links						
		KANA100-4OL	Offset Links							10

Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 120	1	RP	KANA120-RPT	Roller Chains	5.62	80L	3m	1
		CP	KANA120-CPT	Roller Chains	5.62	80L	3m	1
			KANA120-JL KANA120-OL	Coupler Links Offset Links				20 15
	2	RP	KANA120-2RPT	Roller Chains	11.70	80L	3m	1
		CP	KANA120-2CPT	Roller Chains	11.70	80L	3m	1
			KANA120-2JL KANA120-2OL	Coupler Links Offset Links				15 10
	3	RP	KANA120-3RPT	Roller Chains	17.53	40L	1.5m	1
		CP	KANA120-3CPT	Roller Chains	17.53	40L	1.5m	1
			KANA120-3JL KANA120-3OL	Coupler Links Offset Links				10 5
KANA 140	1	RP	KANA140-RPT	Roller Chains	7.50	68L	3m	1
		CP	KANA140-CPT	Roller Chains	7.50	68L	3m	1
			KANA140-JL KANA140-OL	Coupler Links Offset Links				20 15
	2	RP	KANA140-2RPT	Roller Chains	15.14	34L	1.5m	1
		CP	KANA140-2CPT	Roller Chains	15.14	34L	1.5m	1
			KANA140-2JL KANA140-2OL	Coupler Links Offset Links				10 6
	3	RP	KANA140-3RPT	Roller Chains	22.20	34L	1.5m	1
		CP	KANA140-3CPT	Roller Chains	22.20	34L	1.5m	1
			KANA140-3JL KANA140-3OL	Coupler Links Offset Links				8 10
KANA 160	1	RP	KANA160-RPT	Roller Chains	10.10	60L	3m	1
		CP	KANA160-CPT	Roller Chains	10.10	60L	3m	1
			KANA160-JL KANA160-OL	Coupler Links Offset Links				15 10
	2	RP	KANA160-2RPT	Roller Chains	29.22	30L	1.5m	1
		CP	KANA160-2CPT	Roller Chains	29.22	30L	1.5m	1
			KANA160-2JL KANA160-2OL	Coupler Links Offset Links				8 4
	3	RP	KANA160-3RPT	Roller Chains	30.02	30L	1.5m	1
		CP	KANA160-3CPT	Roller Chains	30.02	30L	1.5m	1
			KANA160-3JL KANA160-3OL	Coupler Links Offset Links				5 1
KANA 180	1	RP	KANA180-RPT	Roller Chains	13.45	54L	3m	1
			KANA180-JL	Coupler Links				10
			KANA180-OL	Offset Links				5
KANA 200	1	RP	KANA200-RPT	Roller Chains	16.15	48L	3m	1
		CP	KANA200-CPT	Roller Chains	16.15	48L	3m	1
			KANA200-JL	Coupler Links				5
			KANA200-OL	Offset Links				5
	2	RP	KANA200-2RPT	Roller Chains	32.24	24L	1.5m	1
		CP	KANA200-2CPT	Roller Chains	32.24	24L	1.5m	1
			KANA200-2JL KANA200-2OL	Coupler Links Offset Links				3 2

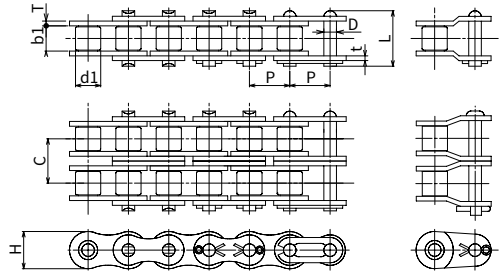
* ★ indicates the bushing diameter of bushed chains.

* Pin type: RP is a rivet type and CP is a cotter pin type.

* The offset link of KANA 25 is a double pitch type.

KANA**BS/DIN Standard Roller Chains**

● **Order No. Example**
KANA10B - 192 Links
10ft
3m
 Chain No. Unit



They are roller chains which comply with the international standard ISO-B.

Chain No.	Pin Type	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin Diameter D	Pin Length (JL Part)			Horizontal Pitch C	Average Tensile Strength kN(kgf)
					Thickness T(t)	Width H		1 rows	2 rows	3 rows		
								L				
KANA 05B	RP	8.00	5.00	3.00	0.80	7.10	2.31	8.90	14.50	20.20	5.64	5.9(600)
KANA 06B	RP	9.525	6.35	5.72	1.30	8.20	3.28	14.10	24.40	34.60	10.24	10.4(1,060)
KANA 08B	RP	12.70	8.51	7.75	1.60	11.80	4.45	18.20	32.20	46.10	13.92	19.4(1,980)
KANA 10B	RP	15.875	10.16	9.65	1.70	14.70	5.08	20.90	37.50	54.10	16.59	27.5(2,800)
KANA 12B	RP	19.05	12.07	11.68	1.85	16.00	5.72	24.20	43.60	63.10	19.46	32.2(3,280)
KANA 16B	RP	25.40	15.88	17.02	4.15/(3.10)	21.00	8.28	37.40	69.30	101.20	31.88	77.1(7,860)
KANA 20B	RP	31.75	19.05	19.56	4.50/(3.50)	26.40	10.19	45.00	81.50	117.90	36.45	112.8(11,500)
KANA 24B	RP	38.10	25.40	25.40	6.00/(4.80)	33.20	14.63	57.80	106.20	154.60	48.36	178.0(18,140)

* Link plates of 06B are F-shaped (oval).

Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 05B	1	RP	KANA05B-T	Roller Chains	0.20	382L	3m	1
			KANA05B-JL	Coupler Links				50
			KANA05B-OL	Offset Links				50
KANA 06B	1	RP	KANA06B-T	Roller Chains	0.41	320L	3m	1
			KANA06B-JL	Coupler Links				60
			KANA06B-OL	Offset Links				60
	2		KANA06B-2T	Roller Chains	0.77	320L	3m	1
			KANA06B-2JL	Coupler Links				40
			KANA06B-2OL	Offset Links				50
	3		KANA06B-3T	Roller Chains	1.16	320L	3m	1
			KANA06B-3JL	Coupler Links				25
			KANA06B-3OL	Offset Links				40

Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 08B	1	RP	KANA08B-T	Roller Chains	0.69	240L	3m	1
			KANA08B-JL	Coupler Links				50
			KANA08B-OL	Offset Links				40
	2		KANA08B-2T	Roller Chains	1.34	240L	3m	1
			KANA08B-2JL	Coupler Links				25
			KANA08B-2OL	Offset Links				20
	3		KANA08B-3T	Roller Chains	2.03	240L	3m	1
			KANA08B-3JL	Coupler Links				20
			KANA08B-3OL	Offset Links				20
KANA 10B	1	RP	KANA10B-T	Roller Chains	0.93	192L	3m	1
			KANA10B-JL	Coupler Links				40
			KANA10B-OL	Offset Links				30
	2		KANA10B-2T	Roller Chains	1.84	192L	3m	1
			KANA10B-2JL	Coupler Links				30
			KANA10B-2OL	Offset Links				50
KANA 12B	1	RP	KANA12B-T	Roller Chains	1.15	160L	3m	1
			KANA12B-JL	Coupler Links				20
			KANA12B-OL	Offset Links				20
	2		KANA12B-2T	Roller Chains	2.31	160L	3m	1
			KANA12B-2JL	Coupler Links				20
			KANA12B-2OL	Offset Links				20
KANA 16B	1	RP	KANA16B-T	Roller Chains	2.71	120L	3m	1
			KANA16B-JL	Coupler Links				15
			KANA16B-OL	Offset Links				10
	2		KANA16B-2T	Roller Chains	5.42	120L	3m	1
			KANA16B-2JL	Coupler Links				8
			KANA16B-2OL	Offset Links				5
	3		KANA16B-3T	Roller Chains	8.11	120L	3m	1
			KANA16B-3JL	Coupler Links				15
			KANA16B-3OL	Offset Links				10
KANA 20B	1	RP	KANA20B-T	Roller Chains	3.70	96L	3m	1
			KANA20B-JL	Coupler Links				25
			KANA20B-OL	Offset Links				25
	2		KANA20B-2T	Roller Chains	7.20	96L	3m	1
			KANA20B-2JL	Coupler Links				20
			KANA20B-2OL	Offset Links				15
KANA 24B	1	RP	KANA24B-T	Roller Chains	7.10	80L	3m	1
			KANA24B-JL	Coupler Links				20
			KANA24B-OL	Offset Links				15
	2		KANA24B-2T	Roller Chains	13.4	80L	3m	1
			KANA24B-2JL	Coupler Links				15
			KANA24B-2OL	Offset Links				8

* Pin type: RP is a rivet type.

* Coupler links of 20B or more are cotter pin type.

KANA

Stainless Steel Roller Chains

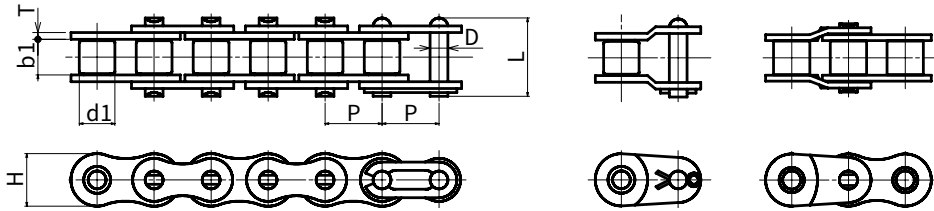
● Order No. Example

KANA40 - **SUS** **240 Links**
 Chain No. Material 10ft
3m
 Unit



All parts of KANA Stainless Steel Roller Chains are cost-performance products made of stainless steel GB304.

Chain No.	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin Diameter D	Pin Length (JL Part)	Maximum Allowable Tension kN(kgf)
				Thickness T	Width H			
KANA 25-SUS	6.35	3.30	3.18	0.80	6.00	2.31	8.40	0.12(12)
KANA 35-SUS	9.525	5.08	4.77	1.30	9.00	3.58	13.17	0.26(27)
KANA 40-SUS	12.70	7.95	7.85	1.50	12.00	3.96	17.80	0.44(45)
KANA 50-SUS	15.875	10.16	9.40	2.03	15.09	5.08	22.20	0.69(70)
KANA 60-SUS	19.05	11.91	12.57	2.42	18.00	5.94	27.70	1.03(105)
KANA 80-RPSUS	25.40	15.88	15.75	3.25	24.00	7.92	35.00	1.77(180)
KANA 100-RPSUS	31.75	19.05	18.90	4.00	30.00	9.53	44.70	2.55(260)
KANA 120-RPSUS	38.10	22.23	25.22	4.80	35.70	11.10	54.30	3.82(390)



2POL
* Only No.25

Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 25-SUS	1	RP	KANA25-SUST	Roller Chains	0.16	480L	3m	1
			KANA25-SUSJL	Coupler Links				100
			KANA25-SUSOL	Offset Links				100
KANA 35-SUS	1	RP	KANA35-SUST	Roller Chains	0.33	320L	3m	1
			KANA35-SUSJL	Coupler Links				50
			KANA35-SUSOL	Offset Links				50
KANA 40-SUS	1	RP	KANA40-SUST	Roller Chains	0.63	240L	3m	1
			KANA40-SUSJL	Coupler Links				50
			KANA40-SUSOL	Offset Links				50
KANA 50-SUS	1	RP	KANA50-SUST	Roller Chains	1.03	192L	3m	1
			KANA50-SUSJL	Coupler Links				30
			KANA50-SUSOL	Offset Links				20
KANA 60-SUS	1	RP	KANA60-SUST	Roller Chains	1.51	160L	3m	1
			KANA60-SUSJL	Coupler Links				25
			KANA60-SUSOL	Offset Links				15
KANA 80-RPSUS	1	RP	KANA80-RPSUST	Roller Chains	2.62	120L	3m	1
		CP	KANA80-SUSJL	Coupler Links				15
		RP	KANA80-SUSOL	Offset Links				15
KANA 100-RPSUS	1	RP	KANA100-RPSUST	Roller Chains	3.94	96L	3m	1
		CP	KANA100-SUSJL	Coupler Links				8
		RP	KANA100-SUSOL	Offset Links				10
KANA 120-RPSUS	1	RP	KANA120-RPSUST	Roller Chains	5.72	80L	3m	1
		CP	KANA120-SUSJL	Coupler Links				5
		RP	KANA120-SUSOL	Offset Links				5

* Coupler links of 80-RP or more are cotter pin type.

KANA

BS/DIN Standard Stainless Steel Roller Chains

Expanded Series

●

Order No. Example

KANA10B

- SUS

192 Links

10ft

3m

Unit

Chain No.

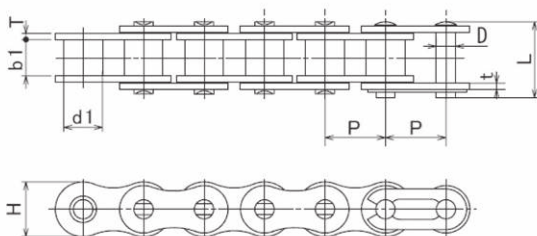
Material



They are stainless steel roller chains which comply with the international standard ISO-B.

Chain No.	Pin Type	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin Diameter D	Pin Length (JL Part) L
					Thickness T(t)	Width H		
KANA 06B-SUS	RP	9.525	6.35	5.72	1.30	8.20	3.28	14.10
KANA 08B-SUS	RP	12.7	8.51	7.75	1.60	11.80	4.45	18.2
KANA 10B-SUS	RP	15.875	10.16	9.65	1.70	14.70	5.08	20.90
KANA 12B-SUS	RP	19.05	12.07	11.68	1.85	16.00	5.72	24.20
KANA 16B-SUS	RP	25.4	15.88	17.02	4.15(3.10)	21.00	8.28	37.4

* Link plates of 06B are F-shaped (oval).

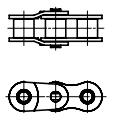
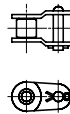
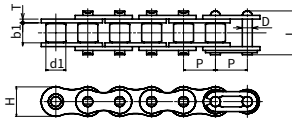


Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 06B-SUS	1	RP	KANA06B-SUST	Roller Chains	0.41	320L	3m	1
			KANA06B-SUSJL	Coupler Links				50
			KANA06B-SUSOL	Offset Links				50
KANA 08B-SUS	1	RP	KANA08B-SUST	Roller Chains	0.70	240L	3m	1
			KANA08B-SUSJL	Coupler Links				50
			KANA08B-SUSOL	Offset Links				50
KANA 10B-SUS	1	RP	KANA10B-SUST	Roller Chains	0.94	192L	3m	1
			KANA10B-SUSJL	Coupler Links				40
			KANA10B-SUSOL	Offset Links				30
KANA 12B-SUS	1	RP	KANA12B-SUST	Roller Chains	1.16	160L	3m	1
			KANA12B-SUSJL	Coupler Links				20
			KANA12B-SUSOL	Offset Links				20
KANA 16B-SUS	1	RP	KANA16B-SUST	Roller Chains	2.73	120L	3m	1
			KANA16B-SUSJL	Coupler Links				15
			KANA16B-SUSOL	Offset Links				10

KANA

Plated Chains

● Order No. Example
KANA40 - N 240 Links
 Chain No. **10ft**
3m
 Unit



2POL
 * Only No.25

They are special nickel-plated KANA roller chains which feature attractive appearance and mild corrosion resistance, allowing for use in environments with water droplets. The maximum allowable tension is lower than that of standard roller chains, so please pay attention when selecting.

Chain No.	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin Diameter D	Pin Length (JL Part)	Maximum Allowable Tension kN(kgf)
				Thickness T	Width H			
KANA 25-N	6.35	3.30	3.18	0.80	6.00	2.31	8.40	0.64(65)
KANA 35-N	9.525	5.08	4.78	1.30	9.00	3.58	13.17	1.84(190)
KANA 40-N	12.70	7.95	7.95	1.50	12.00	3.96	17.80	3.04(310)
KANA 50-N	15.875	10.16	9.53	2.03	15.09	5.08	22.20	5.39(550)
KANA 60-N	19.05	11.91	12.70	2.42	18.00	5.94	27.70	7.26(740)
KANA 80-RPN	25.40	15.88	15.88	3.25	24.00	32.70	35.00	12.7 (1,300)
KANA C2040-N	25.40	7.92	7.95	1.50	12.00	3.96	17.80	2.63 (270)
KANA C2050-N	31.75	10.16	9.53	2.03	15.00	5.08	22.20	4.31 (440)
KANA C2060H-N	38.10	11.91	12.70	3.25	18.00	5.94	31.60	6.28 (640)

Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 25-N	1	RP	KANA25-NT	Roller Chains	0.15	480L	3m	1
			KANA25-NJL	Coupler Links				100
			KANA25-NOL	Offset Links				100
KANA 35-N	1	RP	KANA35-NT	Roller Chains	0.33	320L	3m	1
			KANA35-NJL	Coupler Links				50
			KANA35-NOL	Offset Links				50
KANA 40-N	1	RP	KANA40-NT	Roller Chains	0.62	240L	3m	1
			KANA40-NJL	Coupler Links				40
			KANA40-NOL	Offset Links				30
KANA 50-N	1	RP	KANA50-NT	Roller Chains	1.02	192L	3m	1
			KANA50-NJL	Coupler Links				30
			KANA50-NOL	Offset Links				25
KANA 60-N	1	RP	KANA60-NT	Roller Chains	1.5	160L	3m	1
			KANA60-NJL	Coupler Links				30
			KANA60-NOL	Offset Links				15
KANA 80-RPN	1	RP	KANA80-RPNT	Roller Chains	2.6	120L	3m	1
			KANA80-NJL	Coupler Links				10
			KANA80-NOL	Offset Links				10
KANA C2040-N	1	—	KANAC2040-NT	Roller Chains	0.5	120L	3m	1
			KANAC2040-NJL	Coupler Links				20
			KANAC2040-NOL	Offset Links				20
KANA C2050-N	1	—	KANAC2050-NT	Roller Chains	0.78	96L	3m	1
			KANAC2050-NJL	Coupler Links				20
			KANAC2050-NOL	Offset Links				20
KANA C2060H-N	1	—	KANAC2060H-NT	Roller Chains	1.44	80L	3m	1
			KANAC2060H-NJL	Coupler Links				15
			KANAC2060H-NOL	Offset Links				15

* Do not use a plated chain if the chain directly contacts food, or if powder from abrasion may mix into the food.

KANA

Heavy-Duty Chains

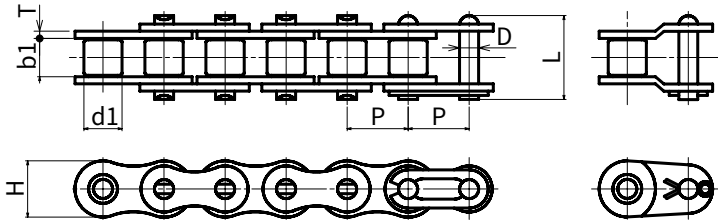
● Order No. Example
KANA40H - 240 Links
Chain No. 10ft
 3m
 Unit



They are chains which have link plates one size larger than standard KANA roller chains and reinforced pins for enhanced strength.

Chain No.	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin Diameter D	Pin Length (JL Part)	Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN(kgf)
				Thickness T	Width H				
KANA 40H	12.70	7.95	7.85	2.03	12.00	3.96	19.90	23.5(2,400)	3.92(400)
KANA 50H	15.875	10.16	9.40	2.42	15.09	5.08	23.40	36.2(3,700)	6.57(670)
KANA 60H	19.05	11.91	12.57	3.25	18.00	5.94	31.00	50.0(5,100)	9.6 (980)
KANA 80H	25.40	15.88	15.75	4.00	24.00	7.92	37.70	89.2(9,100)	16.18(1,650)
KANA 100H	31.75	19.05	18.90	4.80	30.00	9.53	46.90	128.5(13,100)	24.5 (2,500)

* The pin type of KANA Heavy-Duty Chains is RP.



Chain No.	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 40H	KANA40H-T	Roller Chains	0.82	240L	3m	1
	KANA40H-JL	Coupler Links				30
	KANA40H-OL	Offset Links				30
KANA 50H	KANA50H-T	Roller Chains	1.25	192L	3m	1
	KANA50H-JL	Coupler Links				30
	KANA50H-OL	Offset Links				20
KANA 60H	KANA60H-RPT	Roller Chains	1.87	160L	3m	1
	KANA60H-JL	Coupler Links				15
	KANA60H-OL	Offset Links				15
KANA 80H	KANA80H-RPT	Roller Chains	3.1	120L	3m	1
	KANA80H-JL	Coupler Links				10
	KANA80H-OL	Offset Links				10
KANA 100H	KANA100H-RPT	Roller Chains	4.52	96L	3m	1
	KANA100H-JL	Coupler Links				8
	KANA100H-OL	Offset Links				5

* Coupler links of 80H or more are cotter pin type.

KANA

Oval Type Chains

● Order No. Example

KANA40F

Chain No.

- 240 Links

10ft

3m

Unit

Oval Type Chains



Stainless Steel Oval Type Chains

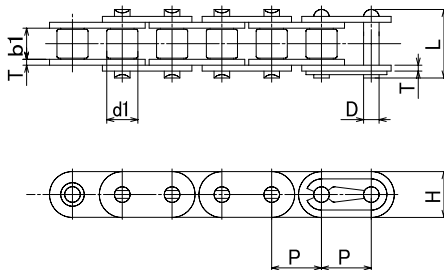
They are KANA roller chains designed with flat (oval) link plates, which are ideal for not only general transmission but also carrying objects by directly mounting them on chains. Standard sprockets can be used.

Oval Type Chains

Chain No.	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin		Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN(kgf)
				Thickness T	Width H	Diameter D	Length L		
KANA 40F	12.70	7.95	7.85	1.50	12.00	3.96	18.80	17.5(1,800)	3.63(370)
KANA 50F	15.875	10.16	9.40	2.03	15.09	5.08	23.30	29.4(3,000)	6.37(650)
KANA 60F	19.05	11.91	12.57	2.42	18.00	5.94	28.30	41.5(4,200)	8.83(900)
KANA 80F	25.40	15.88	15.75	3.25	24.00	7.92	36.50	69.4(7,100)	14.71(1,500)
KANA 100F-RP	31.75	19.05	18.90	4.00	30.00	9.53	44.70	109.2(11,100)	22.55(2,300)

Stainless Steel Oval Type Chains

Chain No.	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin		Maximum Allowable Load kN(kgf)
				Thickness T	Width H	Diameter D	Length L	
KANA 40F-SUS	12.70	7.95	7.85	1.50	12.00	3.96	17.80	0.44(45)
KANA 50F-SUS	15.875	10.16	9.40	2.03	15.09	5.08	22.20	0.69(70)
KANA 60F-SUS	19.05	11.91	12.57	2.42	18.00	5.94	27.70	1.03(105)



Chain No.	Material	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 40F	Iron	KANA40F-T	Roller Chains	0.73	240L	3m	1
		KANA40F-JL	Coupler Links				25
KANA 50F	Iron	KANA50F-T	Roller Chains	1.23	192L	3m	1
		KANA50F-JL	Coupler Links				30
KANA 60F	Iron	KANA60F-T	Roller Chains	1.81	160L	3m	1
		KANA60F-JL	Coupler Links				25
KANA 80F	Iron	KANA80F-T	Roller Chains	3.09	120L	3m	1
		KANA80F-JL	Coupler Links				15
KANA 100F-RP	Iron	KANA100F-RPT	Roller Chains	4.56	96L	3m	1
		KANA100F-JL	Coupler Links				5
KANA 40F-SUS	Stainless Steel	KANA40F-SUST	Roller Chains	0.75	240L	3m	1
		KANA40F-SUSJL	Coupler Links				25
KANA 50F-SUS	Stainless Steel	KANA50F-SUST	Roller Chains	1.21	192L	3m	1
		KANA50F-SUSJL	Coupler Links				30
KANA 60F-SUS	Stainless Steel	KANA60F-SUST	Roller Chains	1.79	160L	3m	1
		KANA60F-SUSJL	Coupler Links				20

* No OL.

KANA

Side Bow Chains

● Order No. Example

KANA40SB - 240 Links

Chain No.

10ft

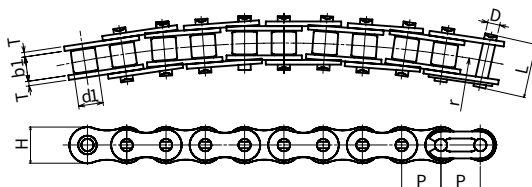
3m

Unit



Clearances are reserved between pins and bushings as well as between link plates, enabling substantial lateral bending. After installing the attachments, they can be used for curvilinear transportation conveyors or curved roller conveyors. Standard sprockets can be used.

Chain No.	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin		Minimum Bending Radius r	Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN(kgf)
				Thickness T	Width H	Diameter D	Length L			
KANA 40SB	12.70	7.95	7.85	1.50	11.70	3.96	18.10	350	11.8(1,200)	2.0 (200)
KANA 50SB	15.875	10.16	9.40	2.03	14.90	4.37	22.70	400	20.6(2,100)	2.9 (300)
KANA 60SB	19.05	11.91	12.57	2.42	18.00	5.34	28.40	500	28.0(2,860)	4.02(410)



Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 40SB	1	RP	KANA40SB-T	Roller Chains	0.8	240L	3m	1
			KANA40SB-JL	Coupler Links				50
KANA 50SB	1	RP	KANA50SB-T	Roller Chains	1.09	192L	3m	1
			KANA50SB-JL	Coupler Links				30
KANA 60SB	1	RP	KANA60SB-T	Roller Chains	1.4	160L	3m	1
			KANA60SB-JL	Coupler Links				15

* No OL.

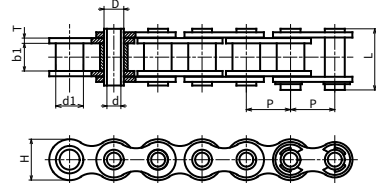
KANA

Hollow Pin Chain

● **Order No. Example**
KANA40HP - 240 Links
 Chain No. **10ft**
3m
 Unit



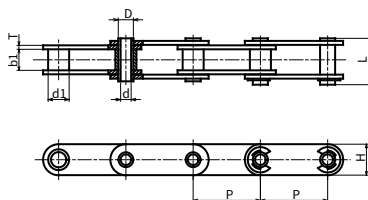
They are hollow chains which can be used for transportation after inserting an attachment pin into the hollow pin. A mesh plate is installed on the attachment pin, allowing it to be used as a mesh conveyor. We also have stocks of double pitch type.



Hollow Pin Chain

Chain No.	Roller Shape	Pitch P	Bushing Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin			Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN(kgf)
					Thickness T	Width H	Outer Diameter D	Inner Diameter d	Length L		
KANA 40HP	—	12.70	7.95	7.85	1.50	12.00	5.63	4.00	17.6	13.2(1,350)	1.77(180)
KANA 50HP	—	15.875	10.16	9.40	2.03	15.09	7.03	5.13	21.9	22.6(2,300)	3.14(320)
KANA 60HP	—	19.05	11.91	12.70	2.42	18.00	8.31	6.00	26.8	31.4(3,200)	4.22(430)
KANA C2040HP	S	25.40	7.95	7.85	1.50	12.00	5.63	4.00	17.6	13.2(1,350)	1.77(180)
KANA C2050HP	S	31.75	10.16	9.40	2.03	15.00	7.22	5.12	21.8	22.6(2,300)	3.14(320)
KANA C2060HP	S	38.10	11.91	12.70	2.42	17.00	8.31	6.00	26.8	31.4(3,200)	4.22(430)

Chain No.	Roller Shape	Pitch P	Bushing Outside Diameter d1max	Inner Link Inner Width b1	Link Plate		Pin			Maximum Allowable Tension kN(kgf)
					Thickness T	Width H	Outer Diameter D	Inner Diameter d	Length L	
KANA 40HP-SUS	—	12.70	7.95	7.85	1.50	12.00	5.63	4.00	17.60	0.44(45)
KANA 50HP-SUS	—	15.875	10.16	9.40	2.03	15.09	7.03	5.13	21.90	0.69(70)
KANA 60HP-SUS	—	19.05	11.91	12.70	2.42	18.00	8.31	6.00	26.80	1.03(105)
KANA C2040HP-SUS	S	25.40	7.95	7.85	1.50	12.00	5.63	4.00	17.60	0.44(45)
KANA C2050HP-SUS	S	31.75	10.16	9.40	2.03	15.00	7.22	5.12	21.80	0.69(70)
KANA C2060HP-SUS	S	38.10	11.91	12.70	2.42	17.00	8.31	6.00	26.80	1.03(105)



Double Pitch Hollow Pin Chain

Chain No.	Material	Roller Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 40HP	Iron	—	KANA40HP-T	Roller Chains	0.51	240L	3m	1
			KANA40HP-JL	Coupler Links				40
KANA 50HP	Iron	—	KANA50HP-T	Roller Chains	0.83	192L	3m	1
			KANA50HP-JL	Coupler Links				30
KANA 60HP	Iron	—	KANA60HP-T	Roller Chains	1.24	160L	3m	1
			KANA60HP-JL	Coupler Links				15
KANA C2040HP	Iron	S	KANAC2040HP-T	Roller Chains	0.46	120L	3m	1
			KANAC2040HP-JL	Coupler Links				20
KANA C2050HP	Iron	S	KANAC2050HP-T	Roller Chains	0.76	96L	3m	1
			KANAC2050HP-JL	Coupler Links				20
KANA C2060HP	Iron	S	KANAC2060HP-T	Roller Chains	1.12	80L	3m	1
			KANAC2060HP-JL	Coupler Links				15
KANA 40HP-SUS	Stainless Steel	—	KANA40HP-SUST	Roller Chains	0.51	240L	3m	1
			KANA40HP-SUSJL	Coupler Links				40
KANA 50HP-SUS	Stainless Steel	—	KANA50HP-SUST	Roller Chains	0.83	192L	3m	1
			KANA50HP-SUSJL	Coupler Links				30
KANA 60HP-SUS	Stainless Steel	—	KANA60HP-SUST	Roller Chains	1.24	160L	3m	1
			KANA60HP-SUSJL	Coupler Links				20
KANA C2040HP-SUS	Stainless Steel	S	KANAC2040HP-SUST	Roller Chains	0.46	120L	3m	1
			KANAC2040HP-SUSJL	Coupler Links				20
KANA C2050HP-SUS	Stainless Steel	S	KANAC2050HP-SUST	Roller Chains	0.76	96L	3m	1
			KANAC2050HP-SUSJL	Coupler Links				20
KANA C2060HP-SUS	Stainless Steel	S	KANAC2060HP-SUST	Roller Chains	1.12	80L	3m	1
			KANAC2060HP-SUSJL	Coupler Links				15

* No OL.

KANA

Roller Chains with A1-type Attachments

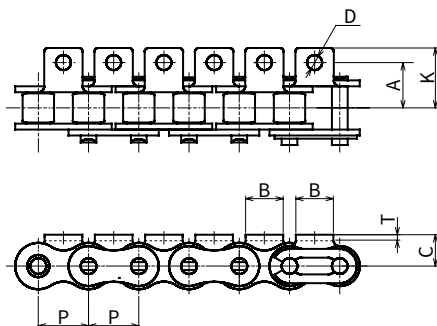
● Order No. Example
KANA40 - ALL A1 240 Links
Chain No. Configuration Type Unit
10ft
3m



ALL A1

They are chains which have an attachment with bolt holes installed on one side. Suitable for small conveyors transporting small products with a fine pitch.

Chain No.	Attachment		Link Plate Thickness T	Attachment					Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN(kgf)
	Configuration	Type		D	A	B	C	K		
KANA 40	ALL	A1	1.50	3.4	12.70	9.5	7.9	17.6	18.6(1,900)	2.75(280)
KANA 50	2L		2.03	5.5	15.875	12.7	10.3	23.1	31.3(3,200)	4.41(450)
KANA 60	3L		2.42	5.5	19.05	15.9	11.9	27.8	43.2(4,400)	6.28(640)
KANA 80	4L		3.25	6.8	25.40	19.1	15.9	32.8	74.3(7,600)	10.69(1,090)
	6L									



Chain No.	Configuration	Type	Product Model Number	Product Name	Approx. Applied Load per Attachment (g)	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 40	ALL	A1	KANA40-ALLA1T	Roller Chains	1.4	0.61	240L	3m	1
	2L		KANA40-2LA1T	Roller Chains					1
	3L		KANA40-3LA1T	Roller Chains					1
	4L		KANA40-4LA1T	Roller Chains					1
	6L		KANA40-6LA1T	Roller Chains					1
	—		KANA40-A1JL	Coupler Links					30
KANA 50	ALL	A1	KANA50-ALLA1T	Roller Chains	3.2	1.01	192L	3m	1
	2L		KANA50-2LA1T	Roller Chains					1
	3L		KANA50-3LA1T	Roller Chains					1
	4L		KANA50-4LA1T	Roller Chains					1
	—		KANA50-A1JL	Coupler Links					20
KANA 60	ALL	A1	KANA60-ALLA1T	Roller Chains	5.6	1.49	160L	3m	1
	2L		KANA60-2LA1T	Roller Chains					1
	3L		KANA60-3LA1T	Roller Chains					1
	4L		KANA60-4LA1T	Roller Chains					1
	—		KANA60-A1JL	Coupler Links					20
KANA 80	ALL	A1	KANA80-ALLA1T	Roller Chains	13	2.5	120L	3m	1
	2L		KANA80-2LA1T	Roller Chains					1
	3L		KANA80-3LA1T	Roller Chains					1
	4L		KANA80-4LA1T	Roller Chains					1
	—		KANA80-A1JL	Coupler Links					10

* No OL.

KANA

Roller Chains with K1-type Attachments

● Order No. Example

KANA40

- ALL

K1

240 Links

10ft

3m

Chain No.

Configuration

Type

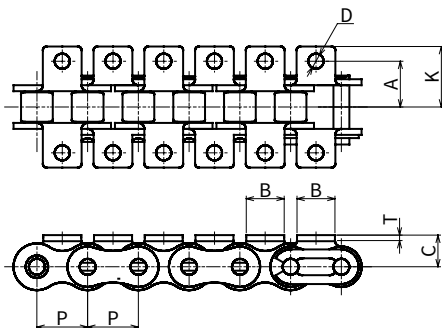
Unit



ALL K1

They are chains which have an attachment with bolt holes installed on both sides. Suitable for small conveyors transporting small products with a fine pitch.

Chain No.	Attachment		Link Plate Thickness T	Attachment					Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN(kgf)
	Configuration	Type		D	A	B	C	K		
KANA 40	ALL 2L 3L 4L	K1	1.50	3.4	12.70	9.5	7.9	17.6	18.6(1,900)	2.75(280)
KANA 50			2.03	5.5	15.875	12.7	10.3	23.1	31.3(3,200)	4.41(450)
KANA 60			2.42	5.5	19.05	15.9	11.9	27.8	43.2(4,400)	6.28(640)
KANA 80			3.25	6.8	25.40	19.1	15.9	32.8	74.3(7,600)	10.69(1,090)



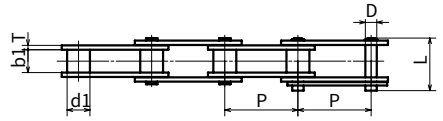
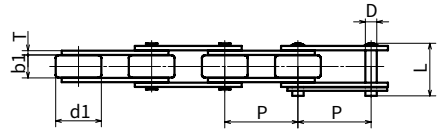
Chain No.	Configuration	Type	Product Model Number	Product Name	Approx. Applied Load per Attachment (g)	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 40	ALL	K1	KANA40-ALLK1T	Roller Chains	2.8	0.61	240L	3m	1
	2L		KANA40-2LK1T	Roller Chains					1
	3L		KANA40-3LK1T	Roller Chains					1
	4L		KANA40-4LK1T	Roller Chains					1
	—		KANA40-K1JL	Coupler Links					25
	—								
KANA 50	ALL	K1	KANA50-ALLK1T	Roller Chains	6.2	1.01	192L	3m	1
	2L		KANA50-2LK1T	Roller Chains					1
	3L		KANA50-3LK1T	Roller Chains					1
	4L		KANA50-4LK1T	Roller Chains					1
	—		KANA50-K1JL	Coupler Links					20
	—								
KANA 60	ALL	K1	KANA60-ALLK1T	Roller Chains	12	1.49	160L	3m	1
	2L		KANA60-2LK1T	Roller Chains					1
	3L		KANA60-3LK1T	Roller Chains					1
	4L		KANA60-4LK1T	Roller Chains					1
	—		KANA60-K1JL	Coupler Links					15
	—								
KANA 80	ALL	K1	KANA80-ALLK1T	Roller Chains	26	2.5	120L	3m	1
	2L		KANA80-2LK1T	Roller Chains					1
	3L		KANA80-3LK1T	Roller Chains					1
	4L		KANA80-4LK1T	Roller Chains					1
	—		KANA80-K1JL	Coupler Links					8
	—								

* No OL.

KANA

Double Pitch Roller Chains

● **Order No. Example**
KANAC2040 120 Links
 Chain No. **10ft**
3m
 Unit

**S Roller****R Roller****S Type****R Type**

The chains feature a double pitch and flat link plates. The R-type and S-type are available for rollers. As small conveyor chains, they are excellent in rupture strength and wear resistance. Please use dedicated sprockets.

Chain No.		Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate		Pin		Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN (kgf)
Type	Roller Shape				Thickness T	Width H	Diameter D	Length L		
KANA C2040	S	25.40	7.95	7.85	1.50	12.00	3.96	17.80	16.7(1,700)	2.63(270)
KANA C2042	R		15.88							
KANA C2050	S	31.75	10.16	9.40	2.03	15.00	5.08	22.20	28.1(2,900)	4.31(440)
KANA C2052	R		19.05							
KANA C2060H	S	38.10	11.91	12.57	3.25	18.00	5.94	31.60	41.6(4,200)	6.28(640)
KANA C2062H	R		22.23							
KANA C2080H	S	50.80	15.88	15.75	4.00	24.00	7.92	39.40	70.0(7,100)	10.69(1,090)
KANA C2082H	R		28.58							
KANA C2100H	S	63.50	19.05	18.90	4.80	30.00	9.53	46.90	112.4(11,500)	17.1 (1,740)

* Coupler links of C2080 or more are cotter pin type.

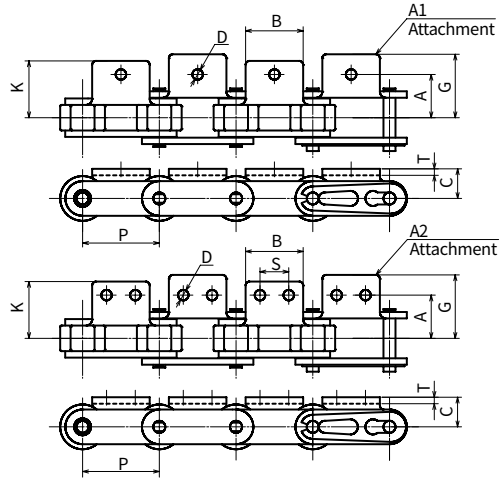
Chain No.	Roller Shape	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA C2040	S	KANAC2040-T	Roller Chains	0.5	120L	3m	1
		KANAC2040-JL	Coupler Links				25
		KANAC2040-OL	Offset Links				20
KANA C2042	R	KANAC2042-T	Roller Chains	0.84	120L	3m	1
		KANAC2040-JL	Coupler Links				25
		KANAC2042-OL	Offset Links				20
KANA C2050	S	KANAC2050-T	Roller Chains	0.78	96L	3m	1
		KANAC2050-JL	Coupler Links				20
		KANAC2050-OL	Offset Links				20
KANA C2052	R	KANAC2052-T	Roller Chains	1.27	96L	3m	1
		KANAC2050-JL	Coupler Links				20
		KANAC2052-OL	Offset Links				20
KANA C2060H	S	KANAC2060H-T	Roller Chains	1.44	80L	3m	1
		KANAC2060H-JL	Coupler Links				15
		KANAC2060H-OL	Offset Links				15
KANA C2062H	R	KANAC2062H-T	Roller Chains	2.07	80L	3m	1
		KANAC2060H-JL	Coupler Links				15
		KANAC2062H-OL	Offset Links				15
KANA C2080H	S	KANAC2080H-T	Roller Chains	2.54	60L	3m	1
		KANAC2080H-JL	Coupler Links				25
		KANAC2080H-OL	Offset Links				5
KANA C2082H	R	KANAC2082H-T	Roller Chains	3.58	60L	3m	1
		KANAC2080H-JL	Coupler Links				25
		KANAC2082H-OL	Offset Links				5
KANA C2100H	S	KANAC2100H-T	Roller Chains	3.56	48L	3m	1
		KANAC2100H-JL	Coupler Links				30
		KANAC2100H-OL	Offset Links				20

Chain No.	Roller Shape	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA C2040-SUS	S	KANAC2040-SUST	Roller Chains	0.51	120L	3m	1
		KANAC2040-SUSJL	Coupler Links				25
		KANAC2040-SUSOL	Offset Links				20
KANA C2042-SUS	R	KANAC2042-SUST	Roller Chains	0.85	120L	3m	1
		KANAC2040-SUSJL	Coupler Links				25
		KANAC2042-SUSOL	Offset Links				20
KANA C2050-SUS	S	KANAC2050-SUST	Roller Chains	0.79	96L	3m	1
		KANAC2050-SUSJL	Coupler Links				20
		KANAC2050-SUSOL	Offset Links				20
KANA C2052-SUS	R	KANAC2052-SUST	Roller Chains	1.29	96L	3m	1
		KANAC2050-SUSJL	Coupler Links				20
		KANAC2052-SUSOL	Offset Links				20
KANA C2060H-SUS	S	KANAC2060H-SUST	Roller Chains	1.46	80L	3m	1
		KANAC2060H-SUSJL	Coupler Links				15
		KANAC2060H-SUSOL	Offset Links				15
KANA C2062H-SUS	R	KANAC2062H-SUST	Roller Chains	2.1	80L	3m	1
		KANAC2060H-SUSJL	Coupler Links				15
		KANAC2062H-SUSOL	Offset Links				15
KANA C2080H-SUS	S	KANAC2080H-SUST	Roller Chains	2.57	60L	3m	1
		KANAC2080H-SUSJL	Coupler Links				10
		KANAC2080H-SUSOL	Offset Links				5
KANA C2082H-SUS	R	KANAC2082H-SUST	Roller Chains	3.63	60L	3m	1
		KANAC2080H-SUSJL	Coupler Links				10
		KANAC2082H-SUSOL	Offset Links				5

KANA

Double Pitch Roller Chains with A1/A2-type Attachments

● **Order No. Example**
KANAC2040 - ALL A1 120 Links
 Chain No. Configuration Type Unit
10ft
3m

**ALL A1****ALL A2**

They are double pitch roller chains which have an attachment with bolt holes installed on one side, classified into A1 type and A2 type according to the quantity of bolt holes. Please use dedicated sprockets.

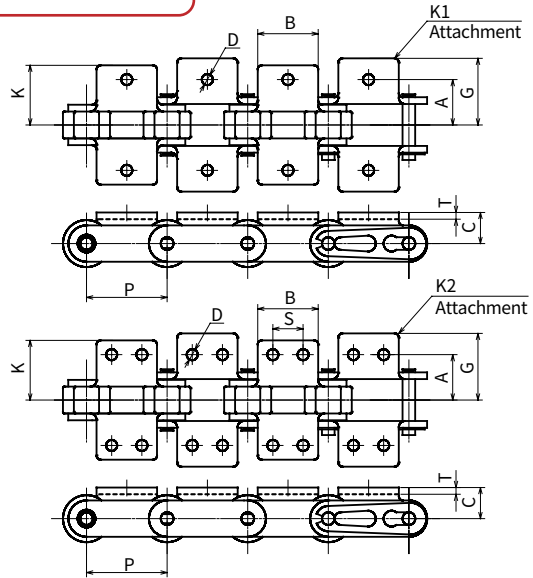
Chain No.		Attachment		Pitch P	Common Dimensions				Attachment A1/A2				Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN(kgf)
Type	Roller Shape	Configuration	Type		C	B	D	T	A	K	G	S		
KANA C2040	S	ALL 2L	A1 A2	25.40	9.1	19.1	3.6	1.5	12.7	17.4	19.0	9.5	16.7(1,700)	2.63(270)
KANA C2042	R			25.40	9.1	19.1	3.6	1.5	12.7	17.4	19.0	9.5	16.7(1,700)	2.63(270)
KANA C2050	S			31.75	11.1	23.8	5.2	2.0	15.9	21.9	24.0	11.9	28.1(2,870)	4.31(440)
KANA C2052	R			31.75	11.1	23.8	5.2	2.0	15.9	21.9	24.0	11.9	28.1(2,870)	4.31(440)
KANA C2060H	S			38.10	14.7	28.6	5.2	3.2	21.5	28.4	31.8	14.3	41.6(4,200)	6.28(640)
KANA C2062H	R			38.10	14.7	28.6	5.2	3.2	21.5	28.4	31.8	14.3	41.6(4,200)	6.28(640)
KANA C2080H	S	ALL 2L	A1 A2	50.80	19.1	38.1	6.8	4.0	27.8	37.0	41.1	19.1	70.0(7,100)	10.69(1,090)
KANA C2082H	R			50.80	19.1	38.1	6.8	4.0	27.8	37.0	41.1	19.1	70.0(7,100)	10.69(1,090)

Chain No.	Roller Shape	Configuration	Type	Product Model Number	Product Name	Approx. Applied Load per Attachment (g)	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA C2040	S	ALL	A1	KANAC2040-ALLA1T	Roller Chains	3	0.48	120L	3m	1
		2L		KANAC2040-2LA1T	Roller Chains					1
		—		KANAC2040-A1JL	Coupler Links					15
		ALL	A2	KANAC2040-ALLA2T	Roller Chains		0.48	120L	3m	1
		2L		KANAC2040-2LA2T	Roller Chains					1
		—		KANAC2040-A2JL	Coupler Links					25
KANA C2042	R	ALL	A1	KANAC2042-ALLA1T	Roller Chains	3	0.82	120L	3m	1
		2L		KANAC2042-2LA1T	Roller Chains					1
		—		KANAC2040-A1JL	Coupler Links					15
		ALL	A2	KANAC2042-ALLA2T	Roller Chains		0.82	120L	3m	1
		2L		KANAC2042-2LA2T	Roller Chains					1
		—		KANAC2040-A2JL	Coupler Links					25
KANA C2050	S	ALL	A1	KANAC2050-ALLA1T	Roller Chains	7	0.79	96L	3m	1
		2L		KANAC2050-2LA1T	Roller Chains					1
		—		KANAC2050-A1JL	Coupler Links					20
		ALL	A2	KANAC2050-ALLA2T	Roller Chains		0.79	96L	3m	1
		2L		KANAC2050-2LA2T	Roller Chains					1
		—		KANAC2050-A2JL	Coupler Links					20
KANA C2052	R	ALL	A1	KANAC2052-ALLA1T	Roller Chains	7	1.25	96L	3m	1
		2L		KANAC2052-2LA1T	Roller Chains					1
		—		KANAC2050-A1JL	Coupler Links					20
		ALL	A2	KANAC2052-ALLA2T	Roller Chains		1.25	96L	3m	1
		2L		KANAC2052-2LA2T	Roller Chains					1
		—		KANAC2050-A2JL	Coupler Links					20
KANA C2060H	S	ALL	A1	KANAC2060H-ALLA1T	Roller Chains	16	1.43	80L	3m	1
		2L		KANAC2060H-2LA1T	Roller Chains					1
		—		KANAC2060H-A1JL	Coupler Links					10
		ALL	A2	KANAC2060H-ALLA2T	Roller Chains		1.43	80L	3m	1
		2L		KANAC2060H-2LA2T	Roller Chains					1
		—		KANAC2060H-A2JL	Coupler Links					10
KANA C2062H	R	ALL	A1	KANAC2062H-ALLA1T	Roller Chains	16	2.11	80L	3m	1
		2L		KANAC2062H-2LA1T	Roller Chains					1
		—		KANAC2060H-A1JL	Coupler Links					10
		ALL	A2	KANAC2062H-ALLA2T	Roller Chains		2.11	80L	3m	1
		2L		KANAC2062H-2LA2T	Roller Chains					1
		—		KANAC2060H-A2JL	Coupler Links					10
KANA C2080H	S	ALL	A1	KANAC2080H-ALLA1T	Roller Chains	33	2.37	60L	3m	1
		2L		KANAC2080H-2LA1T	Roller Chains					1
		—		KANAC2080H-A1JL	Coupler Links					5
		ALL	A2	KANAC2080H-ALLA2T	Roller Chains		2.37	60L	3m	1
		2L		KANAC2080H-2LA2T	Roller Chains					1
		—		KANAC2080H-A2JL	Coupler Links					5
KANA C2082H	R	ALL	A1	KANAC2082H-ALLA1T	Roller Chains	33	3.41	60L	3m	1
		2L		KANAC2082H-2LA1T	Roller Chains					1
		—		KANAC2080H-A1JL	Coupler Links					5
		ALL	A2	KANAC2082H-ALLA2T	Roller Chains		3.41	60L	3m	1
		2L		KANAC2082H-2LA2T	Roller Chains					1
		—		KANAC2080H-A2JL	Coupler Links					5

* No OL.

KANA**Double Pitch Roller Chains with K1/K2-type Attachments**

● **Order No. Example**
KANAC2040 - ALL K1 120 Links
 Chain No. Configuration Type Unit
10ft
3m

**ALL K1****ALL K2**

They are double pitch roller chains which have an attachment with bolt holes installed on both sides, classified into K1 type and K2 type according to the quantity of bolt holes. Please use dedicated sprockets.

Chain No.		Attachment		Pitch P	Common Dimensions				Attachment K1/K2				Average Tensile Strength kN(kgf)	Maximum Allowable Tension kN(kgf)
Type	Roller Shape	Configuration	Type		C	B	D	T	A	K	G	S		
KANA C2040	S	ALL 2L	K1 K2	25.40	9.1	19.1	3.4	1.5	12.7	17.4	19.0	9.5	16.7(1,700)	2.63(270)
KANA C2042	R			25.40	9.1	19.1	3.4	1.5	12.7	17.4	19.0	9.5	16.7(1,700)	2.63(270)
KANA C2050	S			31.75	11.1	23.8	5.5	2.03	15.9	21.9	24.0	11.9	28.1(2,870)	4.31(440)
KANA C2052	R			31.75	11.1	23.8	5.5	2.03	15.9	21.9	24.0	11.9	28.1(2,870)	4.31(440)
KANA C2060H	S			38.10	14.7	28.6	5.2	3.26	21.5	28.4	31.8	14.3	41.6(4,200)	6.28(640)
KANA C2062H	R			38.10	14.7	28.6	5.2	3.26	21.5	28.4	31.8	14.3	41.6(4,200)	6.28(640)
KANA C2080H	S			50.80	19.1	38.1	6.8	4.0	27.8	37.0	41.1	19.1	70.0(7,100)	10.69(1,090)
KANA C2082H	R			50.80	19.1	38.1	6.8	4.0	27.8	37.0	41.1	19.1	70.0(7,100)	10.69(1,090)

* Coupler links of C2080 or more are cotter pin type.

Chain No.	Roller Shape	Configuration	Type	Product Model Number	Product Name	Approx. Applied Load per Attachment (g)	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA C2040	S	ALL	K1	KANAC2040-ALLK1T	Roller Chains	6	0.48	120L	3m	1
		2L		KANAC2040-2LK1T	Roller Chains					1
		—		KANAC2040-K1JL	Coupler Links					15
		ALL	K2	KANAC2040-ALLK2T	Roller Chains		0.48	120L	3m	1
		2L		KANAC2040-2LK2T	Roller Chains					1
		—		KANAC2040-K2JL	Coupler Links					20
KANA C2042	R	ALL	K1	KANAC2042-ALLK1T	Roller Chains	6	0.82	120L	3m	1
		2L		KANAC2042-2LK1T	Roller Chains					1
		—		KANAC2040-K1JL	Coupler Links					15
		ALL	K2	KANAC2042-ALLK2T	Roller Chains		0.82	120L	3m	1
		2L		KANAC2042-2LK2T	Roller Chains					1
		—		KANAC2040-K2JL	Coupler Links					20
KANA C2050	S	ALL	K1	KANAC2050-ALLK1T	Roller Chains	14	0.79	96L	3m	1
		2L		KANAC2050-2LK1T	Roller Chains					1
		—		KANAC2050-K1JL	Coupler Links					15
		ALL	K2	KANAC2050-ALLK2T	Roller Chains		0.79	96L	3m	1
		2L		KANAC2050-2LK2T	Roller Chains					1
		—		KANAC2050-K2JL	Coupler Links					15
KANA C2052	R	ALL	K1	KANAC2052-ALLK1T	Roller Chains	14	1.25	96L	3m	1
		2L		KANAC2052-2LK1T	Roller Chains					1
		—		KANAC2050-K1JL	Coupler Links					15
		ALL	K2	KANAC2052-ALLK2T	Roller Chains		1.25	96L	3m	1
		2L		KANAC2052-2LK2T	Roller Chains					1
		—		KANAC2050-K2JL	Coupler Links					15
KANA C2060H	S	ALL	K1	KANAC2060H-ALLK1T	Roller Chains	32	1.43	80L	3m	1
		2L		KANAC2060H-2LK1T	Roller Chains					1
		—		KANAC2060H-K1JL	Coupler Links					10
		ALL	K2	KANAC2060H-ALLK2T	Roller Chains		1.43	80L	3m	1
		2L		KANAC2060H-2LK2T	Roller Chains					1
		—		KANAC2060H-K2JL	Coupler Links					10
KANA C2062H	R	ALL	K1	KANAC2062H-ALLK1T	Roller Chains	32	2.11	80L	3m	1
		2L		KANAC2062H-2LK1T	Roller Chains					1
		—		KANAC2060H-K1JL	Coupler Links					10
		ALL	K2	KANAC2062H-ALLK2T	Roller Chains		2.11	80L	3m	1
		2L		KANAC2062H-2LK2T	Roller Chains					1
		—		KANAC2060H-K2JL	Coupler Links					10
KANA C2080H	S	ALL	K1	KANAC2080H-ALLK1T	Roller Chains	66	2.37	60L	3m	1
		2L		KANAC2080H-2LK1T	Roller Chains					1
		—		KANAC2080H-K1JL	Coupler Links					4
		ALL	K2	KANAC2080H-ALLK2T	Roller Chains		2.37	60L	3m	1
		2L		KANAC2080H-2LK2T	Roller Chains					1
		—		KANAC2080H-K2JL	Coupler Links					4
KANA C2082H	R	ALL	K1	KANAC2082H-ALLK1T	Roller Chains	66	3.41	60L	3m	1
		2L		KANAC2082H-2LK1T	Roller Chains					1
		—		KANAC2080H-K1JL	Coupler Links					4
		ALL	K2	KANAC2082H-ALLK2T	Roller Chains		3.41	60L	3m	1
		2L		KANAC2082H-2LK2T	Roller Chains					1
		—		KANAC2080H-K2JL	Coupler Links					4

* No OL.

KANA

Super Roller Chains

● **Order No. Example**
KANA80SUP - RP 120 Links
10ft
3m
 Chain No. Pin Type Unit



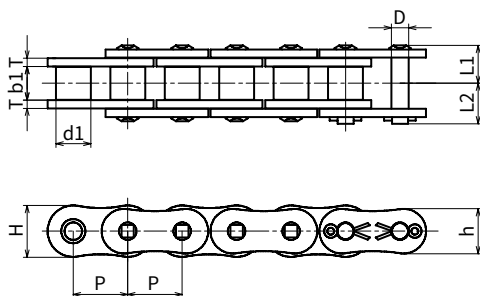
KANA super roller chains have link plates one size larger than standard roller chains and rigid pins. They are chains with improved average tensile strength and maximum allowable tension.

Chain No.	No. of Rows	Pin Type	Pitch P	Roller Outside Diameter d1	Inner Link Inner Width b1	Link Plate			Pin			Average Tensile Strength kN (kgf)	Maximum Allowable Tension kN (kgf)
						Thickness T	Inner Link Width H	Outer Link Width h	Diameter D	Length L1	Length L2		
KANA 80SUP	1	RP	25.40	15.88	15.75	3.2	24.1	20.80	7.94	16.35	20.15	85.3 (8700)	19.7
KANA 100SUP	1	RP	31.75	19.05	18.95	4.0	30.1	26.00	9.54	20.20	24.50	127 (13000)	32.2
KANA 120SUP	1	RP	38.10	22.23	25.22	4.8	36.2	31.20	11.11	25.15	29.15	186 (19000)	42.4
KANA 140SUP	1	RP	44.45	25.40	25.22	5.6	42.2	36.40	12.71	27.20	31.80	245 (25000)	55.7
KANA 160SUP	1	RP	50.80	28.58	31.55	6.4	48.2	46.60	14.29	32.40	37.20	314 (32000)	74.3
KANA 200SUP	1	RP	63.50	39.68	37.85	8.0	60.3	52.00	19.85	40.15	47.05	490 (50000)	100.3

* Although standard sprockets can be used, pay attention to shaft hole machining, key surface pressure, etc. when applying a large load.

* Only sold as units.

* No OL.



Chain No.	No. of Rows	Pin Type	Product Model Number	Product Name	Approx. Weight (kg/m)	No. of Links	Specified Length	No. in Box (Quantity)
KANA 80SUP	1	RP	KANA80SUP-RPT	Roller Chains	2.86	120L	3m	1
			KANA80SUP-JL	Coupler Links				15
KANA 100SUP			KANA100SUP-RPT	Roller Chains	4.21	96L	3m	1
			KANA100SUP-JL	Coupler Links				8
KANA 120SUP			KANA120SUP-RPT	Roller Chains	6.36	80L	3m	1
			KANA120SUP-JL	Coupler Links				20
KANA 140SUP			KANA140SUP-RPT	Roller Chains	8.04	68L	3m	1
			KANA140SUP-JL	Coupler Links				4
KANA 160SUP			KANA160SUP-RPT	Roller Chains	10.80	60L	3m	1
			KANA160SUP-JL	Coupler Links				10
KANA 200SUP			KANA200SUP-RPT	Roller Chains	18.00	48L	3m	1
			KANA200SUP-JL	Coupler Links				5

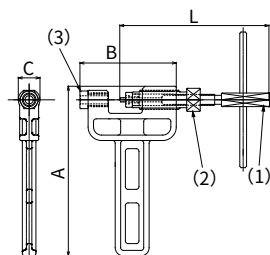
* No OL.

KANA

Chain Cutters

● Order No. Example

CK 5

 Chain No.
Cutter


Roller chain pins can be removed quickly and easily.

Clamp the chain as you see in the picture, setting it in place with the holder. Then simply turn the cutter screw to rapidly remove the pin without damaging the chain. 13 types of chain cutters are available depending on the chain.

Chain Cutters <CK2 to CK6, CK3W to CK5W>



S20C Equivalent



Black Oxide Coating

Product Model Number	Chain in Use				A	B	C	Weight (g)
	JIS		Non-JIS Indicator					
CK2	25		219	270 05B	97	51	18	190
CK3	35		410	415 06B	97	51	18	190
CK4	40 41	C2040 C2042	420	425 428 08B	125	73	20	370
CK5	50	C2050 C2052	520	525 528 530	125	73	20	360
CK6	60	C2060H C2062H	630	640 12B	139	100	24	710
CK3W	2-Row 35		CZ3 CY3		125	73	20	370
CK4W	2-Row 40		CZ4 CY4		139	100	24	720
CK5W	2-Row 50		CZ5 CY5		139	100	24	710

Chain Cutter Components

(1) Cutter Pin

Product Model Number	L	Hex. Size	Weight (g)
CKP2	81	8	25
CKP3	86	8	26
CKP4	109	10	51
CKP5	109	10	53
CKP6	138	12	94
CKP3W	116	10	51
CKP4W	141	12	91
CKP5W	154	12	95

(2) Cutter Pin Holder

Product Model Number	Hex. Size	Weight (g)
CKPH2	14	25
CKPH3	14	25
CKPH4	17	39
CKPH5	17	39
CKPH6	21	68
CKPH3W	17	40
CKPH4W	21	69
CKPH5W	21	167

(3) Cutter Holder

Product Model Number	Hex. Size	Weight (g)
CKUH2	12	8
CKUH3	12	8
CKUH4	13	10
CKUH5	13	10
CKUH6	17	16
CKUH3W	13	12
CKUH4W	17	23
CKUH5W	17	49

* When cutter pin (1) is tightened as far as possible the lock is triggered and it will be difficult to return. Stop once the chain pin has just penetrated through.

* For CK8-type or larger, shave off the head of the chain pin with a grinder.

* For units larger than CK8-type or CK6W-type, the body should be fixed into a vise.

There is no handle for turning the cutter pin, so a spanner or wrench to suit the model number should be used.

* When cut the chain pin will remain in the chain plate and will not fall.

* A user manual is available to ensure accurate roller chain cutting and allow the product to be used over a longer lifetime.

Use Examples

**Chain Cutters** <CK8 to CK14, CK6W to CK8W>

Product Model Number	Chain in Use			A	B	C	Weight (g)
	JIS		Non-JIS Indicator				
CK8	80	C2080H	C2082H	98	121	36	1,170
CK10	100	C2100H		98	121	36	1,170
CK14	120	140		103	154	36	1,690
CK6W	2-Row 60		CZ6	98	121	36	1,190
CK8W	2-Row 80		CY6	103	154	36	1,810

Chain Cutter Components**(1) Cutter Pin**

Product Model Number	L	Hex. Size	Weight (g)
CKP8	143	17	117
CKP10	152	17	126
CKP14	165	17	146
CKP6W	160	17	122
CKP8W	174	17	132

(2) Cutter Pin Holder

Product Model Number	Hex. Size	Weight (g)
CKPH8	27	171
CKPH10	27	173
CKPH14	27	188
CKPH6W	24	173
CKPH8W	27	191

(3) Cutter Holder

Product Model Number	Hex. Size	Weight (g)
CKUH8	21	41
CKUH10	21	85
CKUH14	27	99
CKUH6W	21	50
CKUH8W	27	127

(1) Cutter Pin
CKP6W

CKP8*



* Starting from No. 8 and above, the pin shape differs.

(2) Cutter Pin Holder
CKPH6W(3) Cutter Holder
CKUH6W

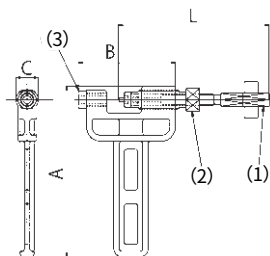
KANA

Chain Cutter Set Products

● Order No. Example CK 23 A

Chain Cutter
No. Set

Very easy to use! They are cost-effective set products for widespread use, which can be combined with various components by targeted chain number. They are stored within a dedicated aluminum casing for convenient portability.



*CKA handles are short

*Dedicated tools for (1)(2)(3) are included

Chain Cutter Set Products

m S20C Equivalent **S** Black Oxide Coating

Product Model Number	Chain in Use		A	B	C	Weight (kg) (Incl. Case)
	JIS	Non-JIS Indicator				
CK23A	25	219 270 05B	97	51	18	0.93
	35	410 415 06B				
CK345A	35 2-Row 35	CZ3 CY3	125	73	20	1.35
	40 41 C2040 C2042	420 425 428 08B				
	50 C2050 C2052	520 525 528 530				
CK456A	40 2-Row 40 C2040 C2042	420 425 428 CZ4 CY4	139	100	24	1.81
	50 2-Row 50 C2050 C2052	520 525 528 530 CZ4 CY5				
	60 C2060H C2062H	630 640 12B				

Chain Cutter Components

(1) Cutter Pin

Product Model Number	L	Weight (g)
CKP2A	81	19
CKP3A	86	20
CKP4A	109	38
CKP5A	109	40
CKP6A	138	69
CKP3WA	116	38
CKP4WA	141	67
CKP5WA	154	72

(2) Cutter Pin Holder

Product Model Number	Weight (g)
CKPH2	25
CKPH3	25
CKPH4	39
CKPH5	39
CKPH6	68
CKPH3W	40
CKPH4W	69
CKPH5W	167

(3) Cutter Holder

Product Model Number	Weight (g)
CKUH2	8
CKUH3	8
CKUH4	10
CKUH5	10
CKUH6	16
CKUH3W	12
CKUH4W	23
CKUH5W	49

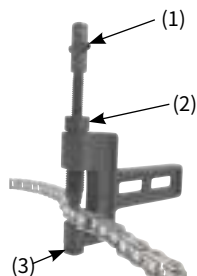
*When cutter pin (1) is tightened as far as possible the lock is triggered and it will be difficult to return. Stop once the chain pin has just penetrated through.

*Confirm before use whether each cutting component is compatible with the targeted chain number.

*Cutting the chain with improper parts may cause damage.

*A user manual is available to ensure accurate roller chain cutting and allow the product to be used over a longer lifetime.

Use Examples



(1) Cutter Pin
(2) Pin Holder
(3) Receiver Holder

(1) Cutter Pin



(2) Pin Holder



(3) Receiver Holder



Applicable Components List

Unit Details				Set Products With Aluminum Case			Included Tool
Product Model Number	JIS	Non-JIS Indicator	Applicable Components	Pin CKPA	Pin holder CKPH	Receiver holder CKUH	
CK23A	25	219 270 05B	Product Model Number	CKP2A	CKPH2	CKUH2	Ratchet wrench 8 Wrench 12-14
			Hex. Size	8	14	12	
	35	410 415 06B	Product Model Number	CKP3A	CKPH3	CKUH3	
			Hex. Size	8	14	12	
CK345A	35 2-Row 35	CZ3 CY3	Product Model Number	CKP3WA	CKPH3W	CKUH3W	Ratchet wrench 10 Wrench 13 Wrench 17
	40 41 C2040 C2042	420 425 428 08B	Hex. Size	10	17	13	
			Product Model Number	CKP4A	CKPH4	CKUH4	
	50 C2050 C2052	520 525 528 530	Hex. Size	10	17	13	
			Product Model Number	CKP5A	CKPH5	CKUH5	
			Hex. Size	10	17	13	
CK456A	40 2-Row 40 C2040 C2042	420 425 428 CZ4 CY4	Product Model Number	CKP4WA	CKPH4W	CKUH4W	Ratchet wrench 12 Wrench 17-19
	50 2-Row 50 C2050 C2052	520 525 528 530 CZ4 CY5	Hex. Size	12	19	17	
			Product Model Number	CKP5WA	CKPH5W	CKUH5W	
	60 C2060H C2062H	630 640 12B	Hex. Size	12	19	17	
			Product Model Number	CKP6A	CKPH6	CKUH6	
			Hex. Size	12	19	17	

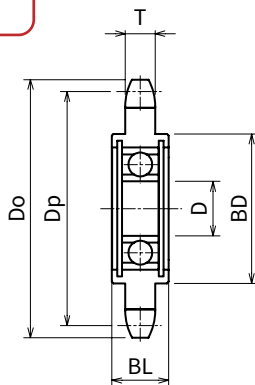
KANA

Idler Sprocket

● Order No. Example

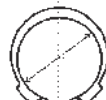
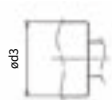
ID 40C 15 D15

TYPE No. No. of Teeth D



<KANA Idler Sprocket Features>

1. Double snap ring used
(Easily removable without damaging the bearing, it is convenient for surface treatments such as plating.)
2. Snap ring used does not interfere with stepped shaft



*The snap ring manufactured by our company does not interfere with the shaft dimensions

*For No.25, $\phi D3$ is the dimension of the previous product.

m Carbon Structural Steel

h No.35C~80C

High-frequency Hardened Teeth

(Only No.25C without high-frequency hardened teeth)

Product Model Number	No. of Teeth	Inner Diameter D	Outer Diameter Do	Pitch Diameter Dp	Tooth Width T	Boss Diameter BD	Boss Length BL	Bearing Used	Weight (kg)	Effective Shaft Diameter $\phi D3$	ID Adapter Applicable Size
ID25C17D6	17	6	38	34.560	2.9	27	12	606ZZ	0.05	9*	—
ID25C19D8	19	8	42	38.580		31	13	608ZZ	0.05	13*	—
ID25C19D10	19	10	42	38.580		31	13	6900ZZ	0.06	13*	—
ID25C20D12	20	12	44	40.590		33	13	6901ZZ	0.08	15*	—
ID35C16D10	16	10	54	48.824	4.4	38	14	6000ZZ	0.11	21	AD6000
ID35C16D12	16	12	54	48.824		38	14	6001ZZ	0.10	23	AD6001
ID35C18D15	18	15	60	54.852		44	17	6202ZZ	0.16	28	AD6202
ID35C21D17	21	17	69	63.908		53	19	6203ZZ	0.24	33	AD6203
ID35C25D20	25	20	81	75.997	7.3	60	21	6204ZZ	0.33	39	AD6204
ID40C13D10	13	10	59	53.068		38	14	6000ZZ	0.15	21	AD6000
ID40C13D12	13	12	59	53.068		38	14	6001ZZ	0.14	23	AD6001
ID40C15D15	15	15	67	61.084		44	17	6202ZZ	0.19	28	AD6202
ID40C17D17	17	17	76	69.116	8.9	53	19	6203ZZ	0.30	33	AD6203
ID40C19D20	19	20	84	77.159		60	21	6204ZZ	0.40	39	AD6204
ID50C12D12	12	12	69	61.336		43	16	6201ZZ	0.21	26	AD6201
ID50C13D15	13	15	74	66.335		44	17	6202ZZ	0.23	28	AD6202
ID50C15D17	15	17	84	76.355	11.9	53	19	6203ZZ	0.37	33	AD6203
ID50C17D20	17	20	94	86.395		60	21	6204ZZ	0.49	39	AD6204
ID60C11D12	11	12	76	67.617		44	16	6201ZZ	0.26	26	AD6021
ID60C11D15	11	15	76	67.617		44	17	6202ZZ	0.27	28	AD6202
ID60C13D17	13	17	89	79.602	15.0	53	19	6203ZZ	0.46	33	AD6203
ID60C14D20	14	20	95	85.610		60	21	6204ZZ	0.56	39	AD6204
ID80C9D15	9	15	85	74.265		44	17	6202ZZ	0.38	28	AD6202
ID80C10D17	10	17	93	82.196		52	19	6203ZZ	0.57	33	AD6203
ID80C11D20	11	20	102	90.156		60	21	6204ZZ	0.69	39	AD6204

*The bearing is located in the center of the sprocket.

In addition, our company will discontinue the surface treatment of black oxide coating for the products in stock. Because of this changeover, please note that there may be a mixture of specifications in products prior to the specification change, and the availability of black oxide coating cannot be specified.

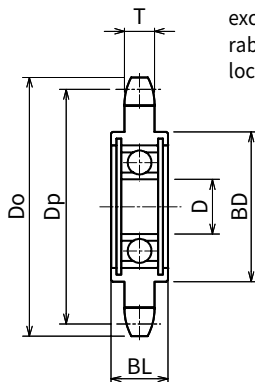
*If an ID adapter is installed, it allows you to set the sprocket inner diameter D to 10 mm dia. whichever size of idler sprocket is selected. (Refer to P.306)

KANA

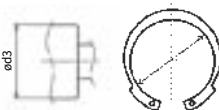
SUS Idler Sprocket

● Order No. Example
SUSID 40C 19 D20

TYPE No. No. of Teeth D



The KANA SUS idler sprocket holds tension at the appropriate level during roller chain transmission. This product is made of stainless steel having excellent corrosion resistance and durability. The stainless steel bearing is located in the center of the sprocket.



*The snap ring manufactured by our company does not interfere with the shaft dimensions

Stainless Steel 304

Product Model Number	No. of Teeth	Inner Diameter D	Outer Diameter Do	Pitch Diameter Dp	Tooth Width T	Boss Diameter BD	Boss Length BL	Bearing Used	Weight (kg)	Effective Shaft Diameter ed3	ID Adapter Applicable Size
SUSID35C16D10	16	10	54	48.824	4.4	38	14	6000ZZ	0.12	21	SUSAD6000
SUSID35C16D12	16	12	54	48.824		38	14	6001ZZ	0.11	23	SUSAD6001
SUSID35C18D15	18	15	60	54.852		44	17	6202ZZ	0.17	28	SUSAD6202
SUSID35C21D17	21	17	69	63.908		53	19	6203ZZ	0.25	33	SUSAD6203
SUSID35C25D20	25	20	81	75.997	7.3	60	21	6204ZZ	0.34	39	SUSAD6204
SUSID40C13D10	13	10	59	53.068		38	14	6000ZZ	0.16	21	SUSAD6000
SUSID40C13D12	13	12	59	53.068		38	14	6001ZZ	0.15	23	SUSAD6001
SUSID40C15D15	15	15	67	61.084		44	17	6202ZZ	0.20	28	SUSAD6202
SUSID40C17D17	17	17	76	69.116	8.9	53	19	6203ZZ	0.31	33	SUSAD6203
SUSID40C19D20	19	20	84	77.159		60	21	6204ZZ	0.41	39	SUSAD6204
SUSID50C12D12	12	12	69	61.336		43	16	6201ZZ	0.22	26	SUSAD6201
SUSID50C13D15	13	15	74	66.335		44	17	6202ZZ	0.24	28	SUSAD6202
SUSID50C15D17	15	17	84	76.355	11.9	53	19	6203ZZ	0.38	33	SUSAD6203
SUSID50C17D20	17	20	94	86.395		60	21	6204ZZ	0.50	39	SUSAD6204
SUSID60C11D12	11	12	76	67.617		44	16	6201ZZ	0.27	26	SUSAD6021
SUSID60C11D15	11	15	76	67.617		44	17	6202ZZ	0.28	28	SUSAD6202
SUSID60C13D17	13	17	89	79.602	15.0	53	19	6203ZZ	0.47	33	SUSAD6203
SUSID60C14D20	14	20	95	85.610		60	21	6204ZZ	0.57	39	SUSAD6204
SUSID80C9D15	9	15	85	74.265		44	17	6202ZZ	0.39	28	SUSAD6202
SUSID80C10D17	10	17	93	82.196		52	19	6203ZZ	0.58	33	SUSAD6203
SUSID80C11D20	11	20	102	90.156		60	21	6204ZZ	0.70	39	SUSAD6204

*The bearing is located in the center of the sprocket.

With a view to improving quality even further, we are shifting over from the conventional one-spot snap ring fastening to a two-spot fastening as shown in the dimensional drawing.

Because of this changeover, please note that there may be a mixture of fastenings in some products.

*If an SUSID adapter is installed, it allows you to set the sprocket inner diameter D to 10 mm dia. whichever size of idler sprocket is selected. (Refer to P.307)

KANA

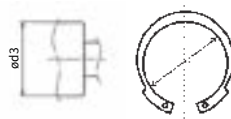
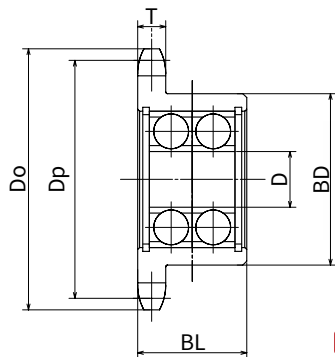
B-type Double Idler Sprockets

● **Order No. Example**
WID 40B 15 D15

TYPE No. No. of Teeth D

<KANA Idler Sprocket Features>

1. Double snap ring used
(Easily removable without damaging the bearing, it is convenient for surface treatments such as plating.)
2. Snap ring used does not interfere with stepped shaft



*The snap ring manufactured by our company does not interfere with the shaft dimensions

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	No. of Teeth	Inner Diameter D	Outer Diameter D	Pitch Diameter Dp	Tooth Width T	Boss Diameter BD	Boss Length BL	Bearing Center Z from Boss End Face	Eccentricity X	Total Bearing Width Y	Bearing Used	Weight (kg)	Effective Shaft Diameter ød3	ID Adapter Applicable Size
WID35B16D10	16	10	54	48.824	4.4	38	22	11.0	8.85	16	6000ZZ	0.14	21	AD6000
WID35B16D12	16	12	54	48.824		38	22	11.0	8.85	16	6001ZZ	0.15	23	AD6001
WID35B18D15	18	15	60	54.852		44	28	14.0	11.85	22	6202ZZ	0.23	28	AD6202
WID35B21D17	21	17	69	63.908		53	31	15.5	13.35	24	6203ZZ	0.32	33	AD6203
WID35B25D20	25	20	81	75.997	7.3	60	35	17.5	15.35	28	6204ZZ	0.46	39	AD6204
WID40B13D10	13	10	59	53.068		38	22	11.0	7.40	16	6000ZZ	0.19	21	AD6000
WID40B13D12	13	12	59	53.068		38	22	11.0	7.40	16	6001ZZ	0.18	23	AD6001
WID40B15D15	15	15	67	61.084		44	28	14.0	10.40	22	6202ZZ	0.27	28	AD6202
WID40B17D17	17	17	76	69.116	8.9	53	31	15.5	11.90	24	6203ZZ	0.39	33	AD6203
WID40B19D20	19	20	84	77.159		60	35	17.5	13.90	28	6204ZZ	0.59	39	AD6204
WID50B12D12	12	12	69	61.336		43	26	13.0	8.65	20	6201ZZ	0.27	26	AD6201
WID50B13D15	13	15	74	66.335		44	28	14.0	9.65	22	6202ZZ	0.31	28	AD6202
WID50B15D17	15	17	84	76.355	11.9	53	31	15.5	11.15	24	6203ZZ	0.46	33	AD6203
WID50B17D20	17	20	94	86.395		60	35	17.5	13.15	28	6204ZZ	0.66	39	AD6204
WID60B11D12	11	12	76	67.617		44	26	13.0	7.15	20	6201ZZ	0.35	26	AD6021
WID60B11D15	11	15	76	67.617		44	28	14.0	8.15	22	6202ZZ	0.36	28	AD6202
WID60B13D17	13	17	89	79.602	15.0	53	31	15.5	9.65	24	6203ZZ	0.56	33	AD6203
WID60B14D20	14	20	95	85.610		60	35	17.5	11.65	28	6204ZZ	0.70	39	AD6204
WID80B9D15	9	15	85	74.265		44	28	14.0	6.70	22	6202ZZ	0.46	28	AD6202
WID80B10D17	10	17	93	82.196		52	31	15.5	8.20	24	6203ZZ	0.62	33	AD6203
WID80B11D20	11	20	102	90.156		60	35	17.5	10.20	28	6204ZZ	0.80	39	AD6204

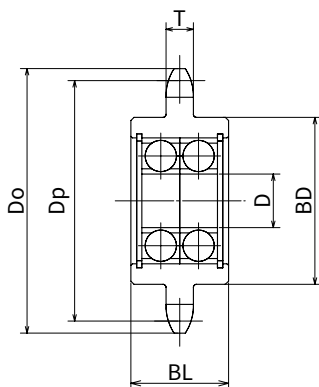
*The bearing is located in the center of the sprocket.

In addition, our company will discontinue the surface treatment of black oxide coating for the products in stock. Because of this changeover, please note that there may be a mixture of specifications in products prior to the specification change, and the availability of black oxide coating cannot be specified.

*If an ID adapter is installed, it allows you to set the sprocket inner diameter D to 10 mm dia. whichever size of idler sprocket is selected. (Refer to P.306)

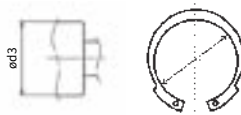
C-type Double Idler Sprockets

● **Order No. Example**
WID 40C 15 D15
 TYPE No. No. of Teeth D



<KANA Idler Sprocket Features>

1. Double snap ring used
(Easily removable without damaging the bearing, it is convenient for surface treatments such as plating.)
2. Snap ring used does not interfere with stepped shaft



*The snap ring manufactured by our company does not interfere with the shaft dimensions

m Carbon Structural Steel
h High-frequency Hardened Teeth

Product Model Number	No. of Teeth	Inner Diameter D	Outer Diameter Do	Pitch Diameter Dp	Tooth Width T	Boss Diameter BD	Boss Length BL	Bearing Used	Weight (kg)	Effective Shaft Diameter $\phi d3$	ID Adapter Applicable Size
WID35C16D10	16	10	54	48.824	4.4	38	22	6000ZZ	0.13	21	AD6000
WID35C16D12	16	12	54	48.824		38	22	6001ZZ	0.12	23	AD6001
WID35C18D15	18	15	60	54.852		44	28	6202ZZ	0.21	28	AD6202
WID35C21D17	21	17	69	63.908		53	31	6203ZZ	0.31	33	AD6203
WID35C25D20	25	20	81	75.997		60	35	6204ZZ	0.44	39	AD6204
WID40C13D10	13	10	59	53.068	7.3	38	22	6000ZZ	0.17	21	AD6000
WID40C13D12	13	12	59	53.068		38	22	6001ZZ	0.16	23	AD6001
WID40C15D15	15	15	67	61.084		44	28	6202ZZ	0.25	28	AD6202
WID40C17D17	17	17	76	69.116		53	31	6203ZZ	0.37	33	AD6203
WID40C19D20	19	20	84	77.159		60	35	6204ZZ	0.51	39	AD6204
WID50C12D12	12	12	69	61.336	8.9	43	26	6201ZZ	0.25	26	AD6201
WID50C13D15	13	15	74	66.335		44	28	6202ZZ	0.28	28	AD6202
WID50C15D17	15	17	84	76.355		53	31	6203ZZ	0.44	33	AD6203
WID50C17D20	17	20	94	86.395		60	35	6204ZZ	0.60	39	AD6204
WID60C11D12	11	12	76	67.617	11.9	44	26	6201ZZ	0.30	26	AD6021
WID60C11D15	11	15	76	67.617		44	28	6202ZZ	0.32	28	AD6202
WID60C13D17	13	17	89	79.602		53	31	6203ZZ	0.53	33	AD6203
WID60C14D20	14	20	95	85.610		60	35	6204ZZ	0.67	39	AD6204
WID80C9D15	9	15	85	74.265	15.0	44	28	6202ZZ	0.43	28	AD6202
WID80C10D17	10	17	93	82.196		52	31	6203ZZ	0.64	33	AD6203
WID80C11D20	11	20	102	90.156		60	35	6204ZZ	0.80	39	AD6204

*The bearing is located in the center of the sprocket.

In addition, our company will discontinue the surface treatment of black oxide coating for the products in stock. Because of this changeover, please note that there may be a mixture of specifications in products prior to the specification change, and the availability of black oxide coating cannot be specified.

*If an ID adapter is installed, it allows you to set the sprocket inner diameter D to 10 mm dia. whichever size of idler sprocket is selected. (Refer to P.306)

KANA

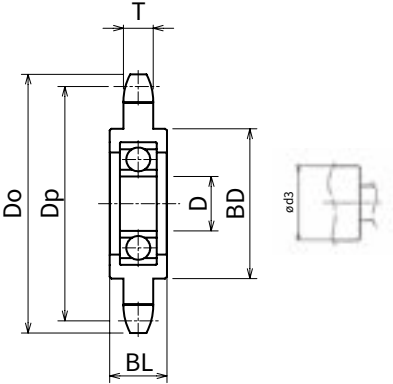
Plastic Idler Sprockets

● Order No. Example

EPID 60C 11 D15

TYPE No. No. of Teeth D

Universal plastic/polyamide resin 6 nylon is used for this idler sprocket to reduce weight and noise.
Operating temperature: -10 to +80°C



 6 nylon

Product Model Number	No. of Teeth	Inner Diameter D	Outer Diameter Do	Pitch Diameter Dp	Tooth Width T	Boss Diameter BD	Boss Length BL	Bearing Used	Weight (kg)	Effective Shaft Diameter ød3	ID Adapter Applicable Size
EPID35C18D15	18	15	60	54.852	4.3	42	17	6202ZZ	0.07	14	AD6202
EPID40C15D15	15	15	67	61.084	7.2	42	17	6202ZZ	0.07	14	AD6202
EPID50C13D15	13	15	74	66.335	8.7	42	17	6202ZZ	0.08	14	AD6202
EPID60C11D15	11	15	76	67.617	11.7	42	17	6202ZZ	0.09	14	AD6202

*The bearing is located in the center of the sprocket.

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

Sprockets

Roller Chains

Chain Accessories

Idlers & Tensioners

Couplings

KanaLock

Shaft Collars

Timing Pulleys/Flanges

Gears

KANA

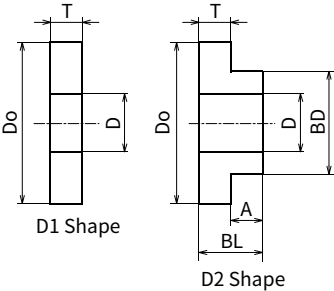
ID Adapters

● **Order No. Example**

AD 6000

TYPE No.

This adapter is sold as a 2-piece set, and is dedicated to KANA standard idler sprockets. It allows you to set the sprocket inner diameter D to 10 mm dia. whichever size of idler sprocket is selected. This very handy product eliminates the need to prepare insert pins with individually varying dimensions.



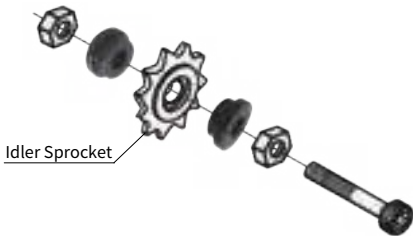
S Black Oxide Coating

Product Model Number	D	Do	T	BL	A	BD	Shape	Applicable Bearing	Applicable Idler Sprocket			Weight (g)
AD 6000	10	15	4	—	—	—	D1	6000ZZ	ID35C16D10 ID40C13D10	WID35B16D10 WID40B13D10	WID35C16D10 WID40C13D10	7
AD 6001	10	18	4	7.5	3.5	12	D2	6001ZZ	ID35C16D12 ID40C13D12	WID35B16D12 WID40B13D12	WID35C16D12 WID40C13D12	10
AD 6201	10	18	4	7.5	3.5	12	D2	6201ZZ	ID50C12D12 ID60C11D12	WID50B12D12 WID60B11D12	WID50C12D12 WID60C11D12	10
AD 6202	10	22	4	9	5	15	D2	6202ZZ	ID35C18D15 ID40C15D15 ID50C13D15 ID60C11D15 ID80C9D15 EPID35C18D15 EPID40C15D15	WID35B18D15 WID40B15D15 WID50B13D15 WID60B11D15 WID80B9D15 EPID50C13D15 EPID60C11D15	WID35C18D15 WID40C15D15 WID50C13D15 WID60C11D15 WID80C9D15 — —	18
AD 6203	10	25	4.5	10	5.5	17	D2	6203ZZ	ID35C21D17 ID40C17D17 ID50C15D17 ID60C13D17 ID80C10D17	WID35B21D17 WID40B17D17 WID50B15D17 WID60B13D17 WID80B10D17	WID35C21D17 WID40C17D17 WID50C15D17 WID60C13D17 WID80C10D17	22
AD 6204	10	30	4.5	11	6.5	20	D2	6204ZZ	ID35C25D20 ID40C19D20 ID50C17D20 ID60C14D20 ID80C11D20	WID35B25D20 WID40B19D20 WID50B17D20 WID60B14D20 WID80B11D20	WID35C25D20 WID40C19D20 WID50C17D20 WID60C14D20 WID80C11D20	50

*Two AD adapters are delivered with each order.

*Use the KANA idler sprocket.

Use Examples (D2 Shape)



KANA

SUS ID Adapter

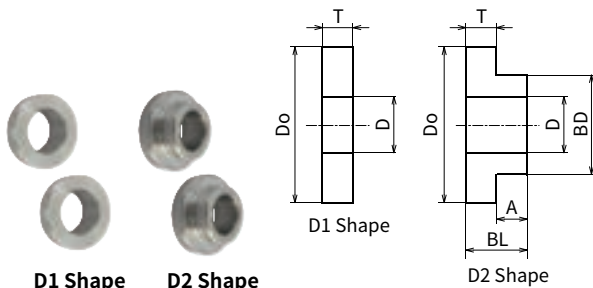
● Order No. Example

SUSAD 6000

TYPE

No.

This adapter is sold as a 2-piece set, and is dedicated for KANA standard SUS (stainless steel) idler sprockets. It allows you to set the sprocket inner diameter D to 10 mm dia. whichever size of SUS idler sprocket is selected. This very handy product eliminates the need to prepare insert pins with individually varying dimensions.



D1 Shape

D2 Shape

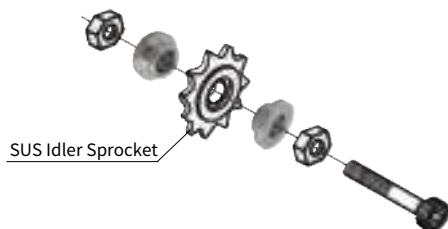
m Stainless Steel **CB** 304

Product Model Number	D	Do	T	BL	A	BD	Shape	Applicable Bearing	Applicable Idler Sprocket		Weight (g)
SUSAD 6000	10	15	4	—	—	—	D1	6000ZZ	SUSID35C16D10	SUSID40C13D10	7
SUSAD 6001	10	18	4	7.5	3.5	12	D2	6001ZZ	SUSID35C16D12	SUSID40C13D12	10
SUSAD 6201	10	18	4	7.5	3.5	12	D2	6201ZZ	SUSID50C12D12	SUSID60C11D12	10
SUSAD 6202	10	22	4	9	5	15	D2	6202ZZ	SUSID35C18D15 SUSID40C15D15 SUSID50C13D15	SUSID60C11D15 SUSID80C9D15 —	18
SUSAD 6203	10	25	4.5	10	5.5	17	D2	6203ZZ	SUSID35C21D17 SUSID40C17D17 SUSID50C15D17	SUSID60C13D17 SUSID80C10D17 —	22
SUSAD 6204	10	30	4.5	11	6.5	20	D2	6204ZZ	SUSID35C25D20 SUSID40C19D20 SUSID50C17D20	SUSID60C14D20 SUSID80C11D20 —	50

*Two AD adapters are delivered with each order.

*Use the KANA SUS idler sprocket.

Use Examples (D2 Shape)



KANA

Tensioner Series Introduction

Product Image	Product Name	Applicable Roller Chain No. For Single Rows					
	(TSBW) Straight Tensioner	35	40	50	60	80	100
		○	○	○	○	○	—

Features

Has adjustable tension up to a maximum of 75 mm for loosening M10 and M8 wedge nuts, turning moving screws (with M8 hex sockets) and tightening and fixing loose wedge nuts. By removing the attached sprocket wheel and mounting a pulley, it can also be used as a tensioner, except for belt tension and roller chains.

Product Image	Product Name	Applicable Roller Chain No. For Single Rows					
	(TMB) Tensioners	35	40	50	60	80	100
		○	○	○	○	○	—

Features

The built-in spring automatically adjusts chain elongation so the appropriate amount of tension can be retained on a regular basis. Set the tension slightly on the weak side as a rule, reducing the load on the chain; in the case of strong vibration or impact, the check groove and action spring operate to apply a checking force that shuts out chain slack.

Product Image	Product Name	Applicable Roller Chain No. For Single Rows					
	(THB) Tight-Holders	35	40	50	60	80	100
		○	○	○	○	○	—

Features

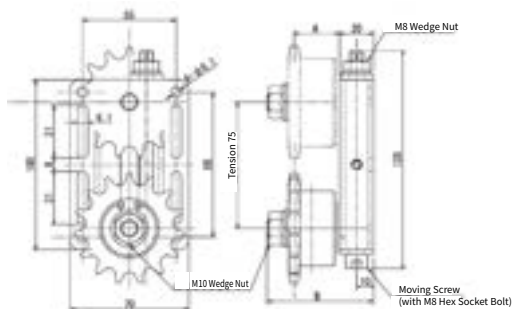
Use of an eccentric pin on this chain tensioner enables severe position adjustments (50mm) to be performed with ease.

KANA

Straight Tension

● Order No. Example TSBW40B13D12

Straight Tension No. No. of Teeth Inner Diameter



KANA Straight Tension has adjustable tension up to a maximum of 75 mm for loosening M10 and M8 wedge nuts, turning moving screws (with M8 hex sockets) and tightening and fixing loose wedge nuts. By removing the attached sprocket wheel and mounting a pulley, it can also be used as a tensioner, except for belt tension and roller chains.

We recommend the use of the Straight Tension to increase transmission efficiency and maintain the service life of the chain.

Product Model Number	Applicable Roller Chain	ID Adapter Product Model Number	Idler Sprocket				Weight (kg)
			Product Model Number	No. of Teeth	A	B	
TSBW35B16D12	JIS35	AD6001	WID35B16D12	16	24	58	0.52
TSBW35B18D15	JIS35	AD6202	WID35B18D15	18	30	68	0.62
TSBW35B21D17	JIS35	AD6203	WID35B21D17	21	33	68	0.72
TSBW35B25D20	JIS35	AD6204	WID35B25D20	25	36	70	0.92
TSBW40B13D12	JIS40	AD6001	WID40B13D12	13	22	58	0.56
TSBW40B15D15	JIS40	AD6202	WID40B15D15	15	29	68	0.67
TSBW40B17D17	JIS40	AD6203	WID40B17D17	17	32	68	0.79
TSBW40B19D20	JIS40	AD6204	WID40B19D20	19	34	70	1.05
TSBW50B12D12	JIS50	AD6201	WID50B12D12	12	25	63	0.65
TSBW50B13D15	JIS50	AD6202	WID50B13D15	13	28	68	0.7
TSBW50B15D17	JIS50	AD6203	WID50B15D17	15	31	68	0.86
TSBW50B17D20	JIS50	AD6204	WID50B17D20	17	33	70	1.12
TSBW60B11D15	JIS60	AD6202	WID60B11D15	11	26	68	0.76
TSBW60B13D17	JIS60	AD6203	WID60B13D17	13	30	68	0.96
TSBW60B14D20	JIS60	AD6204	WID60B14D20	14	32	70	1.16
TSBW80B9D15	JIS80	AD6202	WID80B9D15	9	25	68	0.86
TSBW80B10D17	JIS80	AD6203	WID80B10D17	10	28	68	1.02
TSBW80B11D20	JIS80	AD6204	WID80B11D20	11	30	70	1.26

*Black oxide coating will be discontinued for the included idler sprockets in stock.

Because of this changeover, please note that there may be a mixture of specifications in products prior to the specification change, and the availability of black oxide coating cannot be specified.

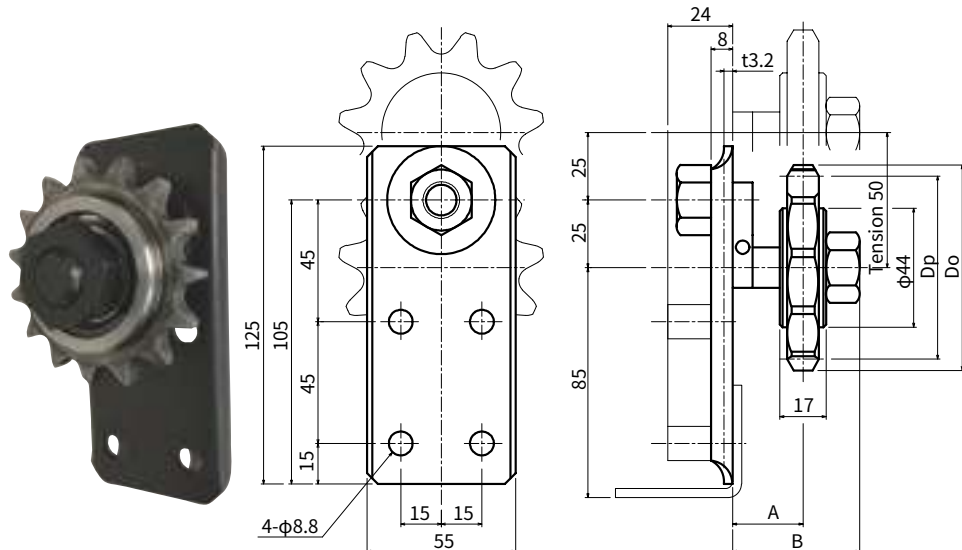
KANA

Tight-Holder THB Series

● Order No. Example

THB 40

Tight-Holder No.



Use of an eccentric pin on this chain tensioner enables severe adjustments to be performed with ease.
We recommend use of Tight-Holder to increase chain transmission efficiency and maintain the service life of the chain.

Tight-Holder THB Type (w/Standard Idler Sprocket)

Product Model Number	Applicable Roller Chain	Idler Sprocket	Idler Sprocket		A	B	Weight (g)
			Do	Dp			
THB35	JIS35	ID35C18D15	60	54.852	26	47	0.56
THB40	JIS40	ID40C15D15	67	61.084	26	47	0.59
THB50	JIS50	ID50C13D15	74	66.335	26	47	0.63
THB60	JIS60	ID60C11D15	76	67.617	26	47	0.67
THB80	JIS80	ID80C9D15	85	74.265	30	51	0.78

*Black oxide coating will be discontinued for the included idler sprockets in stock.

Because of this changeover, please note that there may be a mixture of specifications in products prior to the specification change, and the availability of black oxide coating cannot be specified.

KANA

FBN Chain Couplings

● Order No. Example

FBN5014 D25

TYPE

JIS Nominal

Shaft Hole
Diameter
BK
UC
CM

Surface Treatment Type

Surface Treatment

**BK**

= Black Oxide Coating (Ferrosoferric Oxide Coating)

**UC**

= Trivalent UniChrome Plating (White)

**CM**

= Trivalent Chromate Plating (Yellow)

FBN5014D25
(Inner Diameter D25)



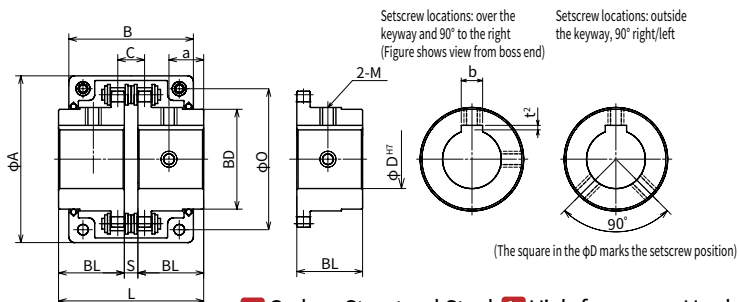
FBN5014D30
(Inner Diameter D30)

*Sold individually per side. To order as a set, please purchase two.

m Carbon Structural Steel **h** High-frequency Hardened Teeth

Model	Product Model Number	Product Model Number With Surface Treatment	Keyway b×t ²	M	φD ^{H7}	Body Dimensions							Weight (kg)
						L	BL	S	BD	O	a	C	
KC3012	FBN3012D14	When ordering surface treatment, fill in the product model number on the left plus the surface treatment symbol	5×2.3	5	<u>14</u>	64.8	29.8	5.2	26.5	45	16	10.2	0.1
KC3012	FBN3012D15		5×2.3	5	<u>15</u>	64.8	29.8	5.2	26.5	45	16	10.2	0.1
KC3012	FBN3012D16		5×2.3	5	<u>16</u>	64.8	29.8	5.2	26.5	45	16	10.2	0.1
KC4012	FBN4012D14		5×2.3	6	14	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBN4012D15		5×2.3	6	15	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBN4012D16		5×2.3	6	16	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBN4012D17		5×2.3	6	17	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBN4012D18		6×2.8	6	18	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBN4012D19		6×2.8	6	19	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBN4012D20		6×2.8	6	20	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBN4012D22		6×2.8	6	<u>22</u>	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4014	FBN4014D14		5×2.3	6	14	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D15		5×2.3	6	15	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D16		5×2.3	6	16	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D17		5×2.3	6	17	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D18		6×2.8	6	18	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D19		6×2.8	6	19	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D20		6×2.8	6	20	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D22		6×2.8	6	22	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D24		8×3.3	8	24	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D25		8×3.3	8	25	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D28		8×3.3	8	<u>28</u>	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBN4014D30		8×3.3	8	<u>30</u>	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4016	FBN4016D16		5×2.3	6	16	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D17		5×2.3	6	17	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D18		6×2.8	6	18	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D19		6×2.8	6	19	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D20		6×2.8	6	20	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D22		6×2.8	6	22	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D24		8×3.3	8	24	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D25		8×3.3	8	25	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D28		8×3.3	8	28	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D30		8×3.3	8	30	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBN4016D32		10×3.3	8	32	87.4	40.0	7.4	51.0	77	23	14.4	0.5

* M is set screw.


m Carbon Structural Steel **h** High-frequency Hardened Teeth

Model	Product Model Number	Product Model Number With Surface Treatment	Keyway $b \times t^2$	M	ΦD^{H7}	Body Dimensions							Weight (kg)
						L	BL	S	BD	O	a	C	
KC5014	FBN5014D16	When ordering surface treatment, fill in the product model number on the left plus the surface treatment symbol	5×2.3	6	16	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D17		5×2.3	6	17	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D18		6×2.8	6	18	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D19		6×2.8	6	19	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D20		6×2.8	6	20	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D22		6×2.8	6	22	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D24		8×3.3	8	24	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D25		8×3.3	8	25	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D28		8×3.3	8	28	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D30		8×3.3	8	30	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D32		10×3.3	8	32	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBN5014D35		10×3.3	8	35	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5016	FBN5016D18		6×2.8	6	18	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D19		6×2.8	6	19	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D20		6×2.8	6	20	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D22		6×2.8	6	22	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D24		8×3.3	8	24	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D25		8×3.3	8	25	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D28		8×3.3	8	28	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D30		8×3.3	8	30	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D32		10×3.3	8	32	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D35		10×3.3	8	35	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D38		10×3.3	8	38	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBN5016D40		12×3.3	8	40	99.7	45.0	9.7	63.0	96	24	18.1	1.0

* M is set screw.

* Please refer to P.324 if you would like to order a set.

* A dedicated chain and case are required for use.

KANA**FBN Chain Couplings****● Order No. Example****FBN5014 D25**

TYPE

JIS Nominal

Shaft Hole
Diameter**BK
UC
CM**

Surface Treatment Type

Surface Treatment		BK	= Black Oxide Coating (Ferrosoferric Oxide Coating)
		UC	= Trivalent UniChrome Plating (White)
		CM	= Trivalent Chromate Plating (Yellow)

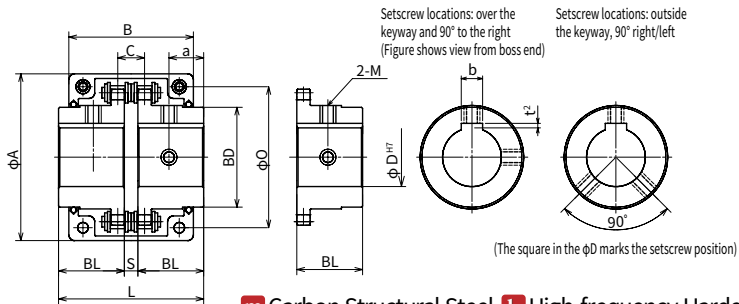
FBN5014D25
(Inner Diameter D25)FBN5014D30
(Inner Diameter D30)

*Sold individually per side. To order as a set, please purchase two.

m Carbon Structural Steel **h** High-frequency Hardened Teeth

Model	Product Model Number	Product Model Number With Surface Treatment	Keyway b×t ²	M	φD ^{H7}	Body Dimensions							Weight (kg)
						L	BL	S	BD	O	a	C	
KC5018	FBN5018D18	When ordering surface treatment, fill in the product model number on the left plus the surface treatment symbol	6×2.8	6	18	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D19		6×2.8	6	19	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D20		6×2.8	6	20	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D22		6×2.8	6	22	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D24		8×3.3	8	24	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D25		8×3.3	8	25	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D28		8×3.3	8	28	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D30		8×3.3	8	30	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D32		10×3.3	8	32	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D35		10×3.3	8	35	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D38		10×3.3	8	38	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D40		12×3.3	8	40	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D42		12×3.3	8	42	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBN5018D45		14×3.8	10	45	99.7	45.0	9.7	73.0	106	24	18.1	1.2

* M is set screw.



m Carbon Structural Steel **h** High-frequency Hardened Teeth

Model	Product Model Number	Product Model Number With Surface Treatment	Keyway $b \times t^2$	M	ΦD^{H7}	Body Dimensions							Weight (kg)
						L	BL	S	BD	O	a	C	
KC6018	FBN6018D22	When ordering surface treatment, fill in the product model number on the left plus the surface treatment symbol BK UC CM	6×2.8	6	22	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D24		8×3.3	8	24	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D25		8×3.3	8	25	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D28		8×3.3	8	28	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D30		8×3.3	8	30	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D32		10×3.3	8	32	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D35		10×3.3	8	35	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D38		10×3.3	8	38	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D40		12×3.3	8	40	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D42		12×3.3	8	42	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D45		14×3.8	10	45	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D48		14×3.8	10	48	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D50		14×3.8	10	50	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBN6018D55		16×4.3	12	55	123.5	56.0	11.5	88.0	127	28	22.8	2.4

* M is set screw.

* Please refer to P.324 if you would like to order a set.

* A dedicated chain and case are required for use.

KANA**FBN Chain Couplings****● Order No. Example****FBN5014 D25**

TYPE

JIS Nominal

Shaft Hole
Diameter**BK**
UC
CM

Surface Treatment Type

Surface Treatment		BK	= Black Oxide Coating (Ferrosoferric Oxide Coating)
		UC	= Trivalent UniChrome Plating (White)
		CM	= Trivalent Chromate Plating (Yellow)

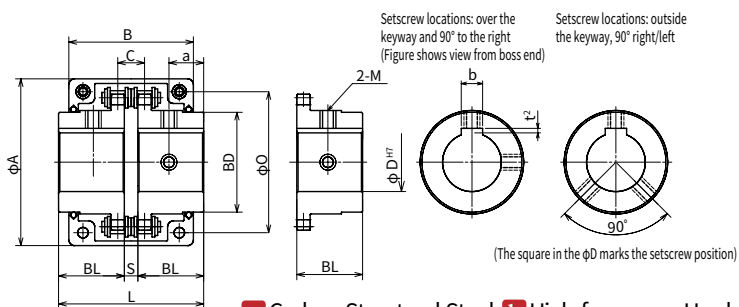
FBN5014D25
(Inner Diameter D25)FBN5014D30
(Inner Diameter D30)

*Sold individually per side. To order as a set, please purchase two.

m Carbon Structural Steel **h** High-frequency Hardened Teeth

Model	Product Model Number	Product Model Number With Surface Treatment	Keyway b×t ²	M	φD ^{H7}	Body Dimensions							Weight (kg)
						L	BL	S	BD	O	a	C	
KC6022	FBN6022D28	When ordering surface treatment, fill in the product model number on the left plus the surface treatment symbol BK UC CM	8×3.3	8	28	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D30		8×3.3	8	30	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D32		10×3.3	8	32	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D35		10×3.3	8	35	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D38		10×3.3	8	38	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D40		12×3.3	8	40	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D42		12×3.3	8	42	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D45		14×3.8	10	45	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D48		14×3.8	10	48	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D50		14×3.8	10	50	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D55		16×4.3	12	55	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D60		18×4.4	12	60	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBN6022D65		18×4.4	12	65	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC8018	FBN8018D32		10×3.3	8	32	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D35		10×3.3	8	35	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D38		10×3.3	8	38	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D40		12×3.3	8	40	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D42		12×3.3	8	42	141.2	63.0	15.2	115.0	170	30	29.3	5.3

* M is set screw.



m Carbon Structural Steel **h** High-frequency Hardened Teeth

Model	Product Model Number	Product Model Number With Surface Treatment	Keyway $b \times t^2$	M	ΦD^{H7}	Body Dimensions							Weight (kg)
						L	BL	S	BD	O	a	C	
KC8018	FBN8018D45	When ordering surface treatment, fill in the product model number on the left plus the surface treatment symbol	14×3.8	10	45	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D48		14×3.8	10	48	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D50		14×3.8	10	50	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D55		16×4.3	12	55	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D60		18×4.4	12	60	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D65		18×4.4	12	65	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D70		20×4.9	16	70	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8018	FBN8018D75		20×4.9	16	75	141.2	63.0	15.2	115.0	170	30	29.3	5.3
KC8022	FBN8022D40		12×3.3	8	40	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D42		12×3.3	8	42	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D45		14×3.8	10	45	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D48		14×3.8	10	48	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D50		14×3.8	10	50	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D55		16×4.3	12	55	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D60		18×4.4	12	60	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D65		18×4.4	12	65	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D70		20×4.9	16	70	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D75		20×4.9	16	75	157.2	71.0	15.2	143.0	202	30	29.3	9.1
KC8022	FBN8022D80		22×5.4	16	80	157.2	71.0	15.2	143.0	202	30	29.3	9.1

* M is set screw.

* Please refer to P.324 if you would like to order a set.

* A dedicated chain and case are required for use.

KANA

FBK Chain Couplings

● Order No. Example

FBK5014 D25

TYPE

JIS Nominal

Shaft Hole
Diameter
BK
UC
CM

Surface Treatment Type

Surface Treatment		BK	= Black Oxide Coating (Ferrosoferric Oxide Coating)
		UC	= Trivalent UniChrome Plating (White)
		CM	= Trivalent Chromate Plating (Yellow)

 FBK5014D25
(Inner Diameter D25)

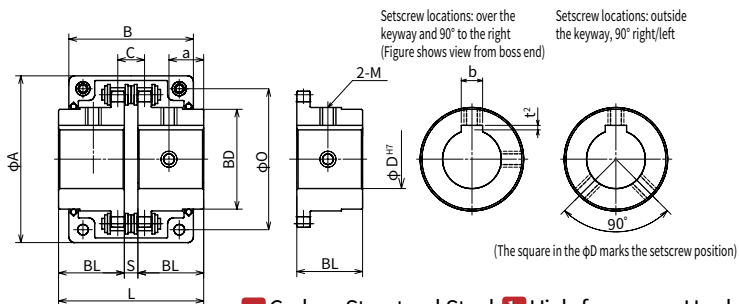
 FBK5014D30
(Inner Diameter D30)


*Sold individually per side. To order as a set, please purchase two.

 Carbon Structural Steel  High-frequency Hardened Teeth

Model	Product Model Number	Product Model Number With Surface Treatment	Keyway b×t ²	M	φD ^{H7}	Body Dimensions							Weight (kg)
						L	BL	S	BD	O	a	C	
KC3012	FBK3012D14	When ordering surface treatment, fill in the product model number on the left plus the surface treatment symbol   	5×2.0	5	<u>14</u>	64.8	29.8	5.2	26.5	45	16	10.2	0.1
KC3012	FBK3012D15		5×2.0	5	<u>15</u>	64.8	29.8	5.2	26.5	45	16	10.2	0.1
KC4012	FBK4012D15		5×2.0	6	15	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBK4012D16		5×2.0	6	16	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBK4012D18		5×2.0	6	18	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBK4012D19		5×2.0	6	19	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBK4012D20		5×2.0	6	20	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4012	FBK4012D22		7×3.0	8	<u>22</u>	79.4	36.0	7.4	36.0	61	17	14.4	0.2
KC4014	FBK4014D19		5×2.0	6	19	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBK4014D20		5×2.0	6	20	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBK4014D22		7×3.0	8	22	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBK4014D24		7×3.0	8	24	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBK4014D25		7×3.0	8	25	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBK4014D28		7×3.0	8	<u>28</u>	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4014	FBK4014D30		7×3.0	8	<u>30</u>	79.4	36.0	7.4	45.0	69	17	14.4	0.3
KC4016	FBK4016D22		7×3.0	8	22	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBK4016D24		7×3.0	8	24	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBK4016D25		7×3.0	8	25	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBK4016D28		7×3.0	8	28	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBK4016D30		7×3.0	8	30	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC4016	FBK4016D32		10×3.5	8	32	87.4	40.0	7.4	51.0	77	23	14.4	0.5
KC5014	FBK5014D25		7×3.0	8	25	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBK5014D28		7×3.0	8	28	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBK5014D30		7×3.0	8	30	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBK5014D32		10×3.5	8	32	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5014	FBK5014D35		10×3.5	8	35	99.7	45.0	9.7	56.0	86	24	18.1	0.7
KC5016	FBK5016D25		7×3.0	8	25	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBK5016D28		7×3.0	8	28	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBK5016D30		7×3.0	8	30	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBK5016D32		10×3.5	8	32	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBK5016D35		10×3.5	8	35	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBK5016D38		10×3.5	8	38	99.7	45.0	9.7	63.0	96	24	18.1	1.0
KC5016	FBK5016D40		10×3.5	8	40	99.7	45.0	9.7	63.0	96	24	18.1	1.0

* M is set screw.


m Carbon Structural Steel **h** High-frequency Hardened Teeth

Model	Product Model Number	Product Model Number With Surface Treatment	Keyway $b \times t^2$	M	ΦD^{H7}	Body Dimensions							Weight (kg)
						L	BL	S	BD	O	a	C	
KC5018	FBK5018D30	When ordering surface treatment, fill in the product model number on the left plus the surface treatment symbol	7×3.0	8	30	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBK5018D38		10×3.5	8	38	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBK5018D40		10×3.5	8	40	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBK5018D42		12×3.5	10	42	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC5018	FBK5018D45		12×3.5	10	45	99.7	45.0	9.7	73.0	106	24	18.1	1.2
KC6018	FBK6018D40		10×3.5	8	40	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBK6018D42		12×3.5	10	42	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBK6018D45		12×3.5	10	45	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBK6018D48		12×3.5	10	48	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBK6018D50		12×3.5	10	50	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6018	FBK6018D55	BK UC CM	15×5.0	12	55	123.5	56.0	11.5	88.0	127	28	22.8	2.4
KC6022	FBK6022D45		12×3.5	10	45	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBK6022D48		12×3.5	10	48	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBK6022D50		12×3.5	10	50	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBK6022D55		15×5.0	12	55	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBK6022D60		15×5.0	12	60	123.5	56.0	11.5	115.0	152	28	22.8	4.3
KC6022	FBK6022D65		18×6.0	16	65	123.5	56.0	11.5	115.0	152	28	22.8	4.3

* M is set screw.

* Please refer to P.324 if you would like to order a set.

* A dedicated chain and case are required for use.

KANA

Chain Couplings Body

No Case

●Order No. Example

5014 H

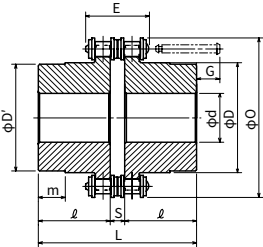
JIS Nominal

Body



The chain coupling consists of a shaft coupling assembled from 2 rows of roller chain and 2 sprockets which engage them. The chain ends can be simply connected or dismantled.

Content of the Body
Sprocket for Coupling 2 pcs.
Roller Chain for Coupling 1 pc.



m Carbon Structural Steel **h** High-frequency Hardened Teeth

JIS Nominal	Product Model Number	Chain in Use		Shaft Diameter Range d		Body Dimensions								Approx. Weight (kg)
		Pitch	Maximum Width E	Minimum	Maximum	O	D	D'	m	L	ℓ	S	G	
—	3012H	9.525	23.9	14	16	45	26.5	25	5.5	64.8	29.8	4.8	6	0.5
4012	4012H	12.7	32	14	22	61	36	33	10	79.4	36	7.4	11	0.8
4014	4014H	12.7	32	14	28	69	45	43	9	79.4	36	7.4	11	1.2
4016	4016H	12.7	32	16	32	77	51	48	15	87.4	40	7.4	7	1.5
5014	5014H	15.875	39.9	16	35	86	56	53	16	99.7	45	9.7	12	2.2
5016	5016H	15.875	39.9	18	40	96	63	60	16	99.7	45	9.7	12	2.7
5018	5018H	15.875	39.9	18	45	106	73	70	16	99.7	45	9.7	12	3.8
6018	6018H	19.05	52.5	22	56	128	88	85	18	123.5	56	11.5	19	6.2
6022	6022H	19.05	52.5	28	71	152	115	110	12	123.5	56	11.5	19	10.5
8018	8018H	25.4	66.2	32	80	170	114.8	110	14.5	141.2	63	15.2	31	12.7
8022	8022H	25.4	66.2	40	100	202	143	140	18.5	157.2	71	15.2	23	20.3
10020	10020H	31.75	79	45	110	232	162	160	41	178.8	80	18.8	32	33
12018	12018H	38.1	101.2	50	125	255	173	170	56	202.7	90	22.7	53	47
12022	12022H	38.1	101.2	56	140	303	213	210	55	222.7	100	22.7	43	72.1

*Dimensions comply with JIS.

KANA

Chain Couplings Case

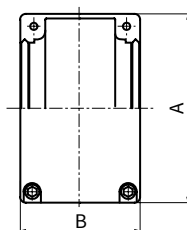
Only Case

● Order No. Example
5014 C

JIS Nominal Case

Dedicated cases are divided into two halves perpendicularly to the shaft. Dedicated cases for 3012-8022 feature V-shaped grooves on both sides, fitted with O-rings to prevent oil leakage, a structure unique to KANA. It prevents scattering of lubricating oil and ingress of dust and foreign matter.

We recommend ordering pre-greased couplings with cases. Lubrication can significantly extend the service life of couplings.

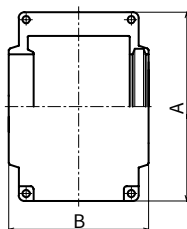


Method with O-ring seals on both sides

Accessories: Bolts × 4 pcs., O-rings × 2 pcs. **m** Aluminum

JIS Nominal	Product Model Number	A	B	Applicable Body	Approx. Weight (kg)	O-ring		Cover Bolt Module Size	Dedicated Grease Weight (kg)
						Specification	Model		
—	3012C	69	63	3012H	0.2	JIS2401	P-25	M5X12	0.05
4012	4012C	77	72	4012H	0.3	JIS2401	P-32	M5X12	0.09
4014	4014C	84	75	4014H	0.3	JIS2401	P-42	M5X12	0.1
4016	4016C	92	75	4016H	0.4	JIS2401	P-48A	M5X12	0.12
5014	5014C	101	85	5014H	0.5	JIS2401	P-53	M6X15	0.15
5016	5016C	111	85	5016H	0.5	JIS2401	P-60	M6X15	0.18
5018	5018C	122	85	5018H	0.6	JIS2401	P-70	M6X15	0.25
6018	6018C	142	106	6018H	0.9	JIS2401	P-85	M8X18	0.4
6022	6022C	168	117	6022H	1.3	JIS2401	P-110	M8X30	0.5
8018	8018C	190	129	8018H	2.1	JIS2401	P-110	M8X35	0.8
8022	8022C	226	137	8022H	2.9	AN6227	60	M8X35	1

*Accessories are not sold separately.



Method where one side is fixed and the other is a Z-type oil seal

Accessories: Bolts × 4 pcs.
Z-type oil seal × 1 pc.

m Aluminum

JIS Nominal	Product Model Number	A	B	Applicable Body	Approx. Weight (kg)	Z-type Oil Seal		Cover Bolt Module Size	Dedicated Grease Weight (kg)
						Specification	Model		
10020	10020C	281	153	10020H	4.4	—	ZF-36	M8X30	1.7
12018	12018C	307	181	12018H	5.2	—	ZF-38	M10X35	3.3
12022	12022C	357	181	12022H	7	—	ZF-46	M10X35	4.3

*Accessories are not sold separately.

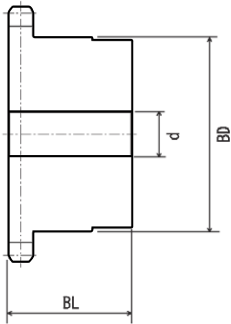
KANA

Chain Couplings One Side of Body

Only One Side · Shaft Hole Not Machined

● Order No. Example
MB 5014

One Side of Body JIS Nominal



m Carbon Structural Steel **h** High-frequency Hardened Teeth

JIS Nominal	Product Model Number	No. of Teeth	Pilot Hole	Shaft Diameter Range d		Boss Diameter BD	Boss Length BL	Approx. Weight (kg)
				Minimum	Maximum			
—	MB3012	12	12	14	16	26.5	29.8	0.2
4012	MB4012	12	12	14	22	36	36	0.3
4014	MB4014	14	12	14	28	45	36	0.5
4016	MB4016	16	14.5	16	32	51	40	0.6
5014	MB5014	14	14	16	35	56	45	0.9
5016	MB5016	16	16	18	40	63	45	1.1
5018	MB5018	18	16	18	45	73	45	1.6
6018	MB6018	18	20	22	56	88	56	2.6
6022	MB6022	22	20	28	71	115	56	4.6
8018	MB8018	18	20	32	80	114.8	63	5.2
8022	MB8022	22	20	40	100	143	71	8.8
10020	MB10020	20	25	45	110	162	80	14.1
12018	MB12018	18	35	50	125	173	90	19.7
12022	MB12022	22	35	56	140	213	100	31.4

* Dimensions comply with JIS.
* An MB sprocket is on one side of the body (1 sprocket).

KANA

Chains for Chain Couplings

Only Chain

● Order No. Example

5014 L

JIS Nominal

Chain



m

 Steel

JIS Nominal	Product Model Number	Approx. Weight (kg)
—	3012L	0.1
4012	4012L	0.2
4014	4014L	0.2
4016	4016L	0.3
5014	5014L	0.4
5016	5016L	0.5
5018	5018L	0.6
6018	6018L	1.0
6022	6022L	1.3
8018	8018L	2.3
8022	8022L	2.7
10020	10020L	4.8
12018	12018L	7.6
12022	12022L	9.3

* Dimensions comply with JIS.

[Assembly Diagram]



KANA

Chain Couplings Ordering Example

Not machined

● Order No. Example

5014H 1 pc.**5014C 1 pc.**

Shaft hole complete product

● Order No. Example

FBN5014D20 1 pc.**FBK5014D30 1 pc.****5014L 1 pc.****5014C 1 pc.**

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA**KPL KanaLock Series****KPL200 Series**

Shaft Diameter Range: $\phi 19 - 200$
35 product types in total

P.328

**KPL201 Series**

Shaft Diameter Range: $\phi 5 - 85$
34 product types in total

P.330

**KPL202 Series**

Shaft Diameter Range: $\phi 19 - 150$
30 product types in total

P.331

**KPL210 Series**

Shaft Diameter Range: $\phi 6 - 50$
28 product types in total

P.332

**KPL220 Series**

Shaft Diameter Range: $\phi 45 - 200$
23 product types in total

P.333



KPL250 Series

Shaft Diameter Range: $\phi 14 - 70$
35 product types in total

P.334



KPL251 Series

Shaft Diameter Range: $\phi 5 - 75$
35 product types in total

P.335



KPL300 Series

Shaft Diameter Range: $\phi 10 - 180$
45 product types in total

P.336



Pressure Flange

KPL300S Series

Shaft Diameter Range: $\phi 10 - 100$
37 product types in total

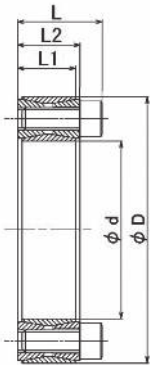
P.337

KANA

KPL200 KanaLock

● **Order No. Example**
KPL200 20×47
TYPE ϕd ϕD

The KPL200-type is a KanaLock for a shaft/boss fastening requiring a large transmitted torque. Mounting is easy and other parts are not needed. The adaptable shaft diameters are from 19mm to 200mm, and boss hole and shaft fit is up to H9/h9. Drawn and polished steel can also be used for the shaft. * Loosening screws are to be prepared by the customer.



 Carbon Structural Steel

Product Model Number (d x D)	Basic Dimensions mm			Set Screw				Loosening Screw	Transmitted Torque kN·m	Thrust Load kN	Shaft Side Surface Pressure MPa	Boss Side Surface Pressure MPa	Weight (kg)
	L1	L2	L	Specifi- cation	Length	Quantity	Tightening Torque N·m	Specifi- cation					
KPL200 19X47	17	20	26	M 6	18	8	14	M 8	0.24	27	213	90	0.25
KPL200 20X47	17	20	26	M 6	18	8	14	M 8	0.27	27	210	90	0.24
KPL200 22X47	17	20	26	M 6	18	8	14	M 8	0.3	27	195	90	0.23
KPL200 24X50	17	20	26	M 6	18	9	14	M 8	0.36	29	198	95	0.25
KPL200 25X50	17	20	26	M 6	18	9	14	M 8	0.38	30	190	95	0.25
KPL200 28X55	17	20	26	M 6	18	10	14	M 8	0.47	33	185	95	0.3
KPL200 30X55	17	20	26	M 6	18	10	14	M 8	0.5	33	175	95	0.29
KPL200 32X60	17	20	26	M 6	18	12	14	M 8	0.64	37	197	105	0.32
KPL200 35X60	17	20	26	M 6	18	12	14	M 8	0.7	40	180	105	0.32
KPL200 38X65	17	20	26	M 6	18	14	14	M 8	0.87	44	189	110	0.34
KPL200 40X65	17	20	26	M 6	18	14	14	M 8	0.92	46	180	110	0.34
KPL200 42X75	20	24	32	M 8	22	12	35	M10	1.51	67	225	125	0.57
KPL200 45X75	20	24	32	M 8	22	12	35	M10	1.62	72	210	125	0.57
KPL200 48X80	20	24	32	M 8	22	12	35	M10	1.7	68	198	115	0.6
KPL200 50X80	20	24	32	M 8	22	12	35	M10	1.77	71	190	115	0.6
KPL200 55X85	20	24	32	M 8	22	14	35	M10	2.27	83	200	130	0.63
KPL200 60X90	20	24	32	M 8	22	14	35	M10	2.47	83	180	120	0.69
KPL200 65X95	20	24	32	M 8	22	16	35	M10	3.04	93	190	130	0.73
KPL200 70X110	24	28	38	M10	25	14	70	M12	4.6	132	210	130	1.26
KPL200 75X115	24	28	38	M10	25	14	70	M12	4.9	131	195	125	1.33

 Carbon Structural Steel

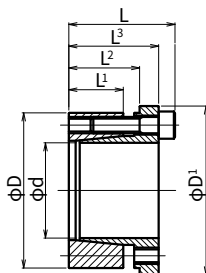
Product Model Number (d x D)	Basic Dimensions mm			Set Screw				Loosening Screw	Transmitted Torque kN·m	Thrust Load kN	Shaft Side Surface Pressure MPa	Boss Side Surface Pressure MPa	Weight (kg)
	L1	L2	L	Specifi- cation	Length	Quantity	Tightening Torque N·m	Specifi- cation					
KPL200 80X120	24	28	38	M10	25	14	70	M12	5.2	131	180	120	1.4
KPL200 85X125	24	28	38	M10	25	16	70	M12	6.3	148	195	130	1.49
KPL200 90X130	24	28	38	M10	25	16	70	M12	6.6	147	180	125	1.53
KPL200 95X135	24	28	38	M10	25	18	70	M12	7.9	167	195	135	1.62
KPL200 100X145	29	33	45	M12	30	14	125	M14	9.6	192	195	135	2.01
KPL200 110X155	29	33	45	M12	30	14	125	M14	10.5	191	180	125	2.15
KPL200 120X165	29	33	45	M12	30	16	125	M14	13.1	218	185	135	2.35
KPL200 130X180	34	38	50	M12	35	20	125	M14	17.6	272	165	120	3.51
KPL200 140X190	34	38	50	M12	35	22	125	M14	20.9	298	165	125	3.85
KPL200 150X200	34	38	50	M12	35	24	125	M14	24.2	324	170	125	4.07
KPL200 160X210	34	38	50	M12	35	26	125	M14	28	350	170	130	4.3
KPL200 170X225	38	44	58	M14	40	22	190	M16	32.8	386	160	120	5.78
KPL200 180X235	38	44	58	M14	40	24	190	M16	37.8	420	165	125	6.05
KPL200 190X250	46	52	66	M14	50	28	190	M16	46.5	490	150	115	8.25
KPL200 200X260	46	52	66	M14	50	30	190	M16	52.5	525	150	115	8.65

* Please see our company's homepage and the selection material in the product information, for the transmitted torque and selection.

KANA**KPL201 KanaLock**

● **Order No. Example**
KPL201 20 × 38
 TYPE ϕd ϕD

The KPL201 type features openings in both the inner and outer links, making it suitable for a wide range of shaft tolerances, and can also be used for sprockets and timing pulleys with smaller bushing diameters. Boss hole and shaft fit is up to H8/(h6, js6, k6, m6).



Carbon Structural Steel

Product Model Number (d x D)	Basic Dimensions mm					Set Screw				Thrust Load kN	Transmitted Torque N·m	Shaft Side Surface Pressure MPa	Boss Side Surface Pressure MPa	Weight (kg)
	L1	L2	L3	L	D1	Specifi- cation	Length	No. of Units	Tightening Torque N·m					
KPL201 5X16	8.0	11.2	13	16	18.5	M3	10	4	2	4.89	10	191	110	0.02
KPL201 6X19	9.0	12.3	14.3	18.3	21.5	M4	12	4	5	9.16	15	181	120	0.03
KPL201 8X21	9.3	12.6	14.6	18.6	23.5	M4	12	4	5	9.16	28	151	112	0.04
KPL201 10X23	9.5	12.8	14.8	18.8	25.5	M4	12	4	5	9.16	41	145	108	0.04
KPL201 11X24	9.5	13.8	15.8	19.8	26.5	M4	12	4	5	9.16	46	129	104	0.04
KPL201 12X26	10.5	15.5	18	22	28.5	M4	15	6	5	13.75	68	141	106	0.06
KPL201 14X28	10.5	15.5	18	22	30.5	M4	15	6	5	13.75	96	161	121	0.06
KPL201 15X29	11.5	16.5	19	23	31.5	M4	15	6	5	13.75	98	148	106	0.07
KPL201 16X30	12	17.1	19.6	23.6	33	M4	15	6	5	13.75	101	137	99	0.07
KPL201 17X31	12.5	17.6	20.1	24.1	33.5	M4	15	8	5	18.33	144	131	118	0.08
KPL201 18X32	12.5	17.6	20.1	24.1	34.5	M4	15	8	5	18.33	153	135	118	0.08
KPL201 19X33	12.5	17.6	20.1	24.1	35.5	M4	15	8	5	18.33	164	126	102	0.08
KPL201 20X38	15.3	21.1	24.1	29.1	42	M5	18	8	10	29.33	251	141	110	0.13
KPL201 22X40	15.3	21.1	24.1	29.1	44	M5	18	8	10	29.33	308	148	110	0.14
KPL201 24X42	16.3	22.1	25.1	30.1	46	M5	18	8	10	29.33	332	148	111	0.16
KPL201 25X43	17.3	23.1	26.1	31.1	47	M5	18	8	10	29.33	347	136	102	0.17
KPL201 28X46	17.3	23.1	26.6	31.6	50	M5	18	10	10	36.66	490	146	119	0.19
KPL201 30X48	17.3	23.1	26.6	31.6	52	M5	18	10	10	36.66	525	126	110	0.19
KPL201 32X50	18.3	24.1	27.6	32.6	54	M5	18	10	10	36.66	563	118	104	0.21
KPL201 35X57	19.5	26	30	36	62	M6	20	8	17	41.55	702	120	103	0.32
KPL201 38X60	20	26.5	30.5	36.5	65	M6	20	10	17	51.93	955	125	101	0.35
KPL201 40X62	20.5	27	31	37	67	M6	20	10	17	51.93	1019	118	101	0.36
KPL201 42X64	20.5	27	31	37	69	M6	20	10	17	51.93	1061	120	111	0.38
KPL201 45X67	21	27.5	31.5	37.5	72	M6	20	10	17	51.93	1138	118	110	0.4
KPL201 48X70	21	27.5	32	38	75	M6	20	12	17	62.32	1446	129	103	0.44
KPL201 50X72	21.5	27.5	32.5	38.5	77	M6	20	14	17	72.7	1768	143	114	0.46
KPL201 55X77	21.5	27.5	32.5	38.5	83	M6	20	14	17	72.7	1939	133	121	0.5
KPL201 60X82	22	28.5	33.5	39.5	87	M6	20	15	17	77.9	2287	131	121	0.52
KPL201 65X87	22	28.5	33.5	39.5	92	M6	20	15	17	77.9	2432	146	124	0.55
KPL201 70X97	24	31.1	36.1	44.1	103	M8	25	14	41	131.5	4415	169	141	0.87
KPL201 75X102	24	31.1	36.1	44.1	108	M8	25	15	41	140.9	5154	172	150	0.87
KPL201 80X107	25	32.1	37.1	45.1	113	M8	25	15	41	140.9	5536	158	141	0.93
KPL201 85X112	25	32.1	37.1	45.1	118	M8	25	15	41	140.9	5886	151	144	0.97

* Concerning the measurements and options not listed here, please contact our company.

KANA

KPL202 KanaLock



● Order No. Example

KPL202 20×47

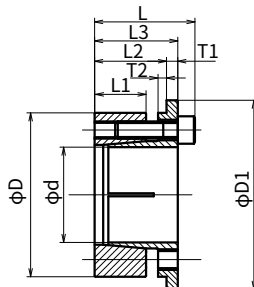
TYPE

φd

φD



The KPL202-type features a centering function for shaft and boss. Since no guide part is required, the boss hole can be straight, eliminating the need for complex machining. Boss hole and shaft fit is up to H8/h8.



m Carbon Structural Steel

Product Model Number (d x D)	Basic Dimensions mm							Set Screw				Thrust Load kN	Transmitted Torque kN·m	Shaft Side Surface Pressure MPa	Boss Side Surface Pressure MPa	Weight (kg)
	L1	L2	L3	L	T1	T2	D1	Specifi- cation	Length	No. of Units	Tightening Torque N·m					
KPL202 19X47	19	24.8	27.3	33.3	2.5	3	53	M 6	18	6	17	28.1	0.265	287	93	0.28
KPL202 20X47	19	24.8	27.3	33.3	2.5	3	53	M 6	18	6	17	28.1	0.274	272	93	0.27
KPL202 22X47	19	24.8	27.3	33.3	2.5	3	53	M 6	18	6	17	28.1	0.304	248	93	0.26
KPL202 24X50	19	25.3	27.8	33.8	2.5	3	57	M 6	18	7	17	32.8	0.392	274	102	0.29
KPL202 25X50	19	25.3	27.8	33.8	2.5	3	57	M 6	18	7	17	32.8	0.412	282	102	0.28
KPL202 28X55	19	25.3	28.6	34.6	3.3	3	62	M 6	18	8	17	37.5	0.519	269	106	0.35
KPL202 30X55	19	25.3	28.6	34.6	3.3	3	62	M 6	18	8	17	37.5	0.559	251	106	0.34
KPL202 32X60	20.5	27.3	30.9	36.9	3.6	3	67	M 6	18	10	17	46.9	0.745	267	113	0.44
KPL202 35X60	20.5	27.3	30.9	36.9	3.6	3	67	M 6	18	10	17	46.9	0.823	244	113	0.41
KPL202 38X65	20.5	27.5	31.1	37.1	3.6	3	73	M 6	18	10	17	46.9	0.892	228	104	0.48
KPL202 40X65	20.5	27.5	31.1	37.1	3.6	3	73	M 6	18	10	17	46.9	0.931	217	104	0.45
KPL202 42X75	23.5	30.8	34.8	42.8	4	3	83	M 8	22	9	41	78.1	1.64	285	130	0.76
KPL202 45X75	23.5	30.8	34.8	42.8	4	3	83	M 8	22	9	41	78.1	1.75	266	130	0.71
KPL202 48X80	23.5	31	35	43	4	3	88	M 8	22	10	41	86.8	2.06	280	136	0.81
KPL202 50X80	23.5	31	35	43	4	3	88	M 8	22	10	41	86.8	2.16	270	136	0.77
KPL202 55X85	23.5	30.8	34.8	42.8	4	3	94	M 8	22	10	41	86.8	2.35	242	128	0.84
KPL202 60X90	23.5	30.8	34.8	42.8	4	3	99	M 8	22	10	41	86.8	2.55	219	122	0.9
KPL202 65X95	23.5	30.8	34.8	42.8	4	3	104	M 8	22	12	41	104	3.33	246	137	0.96
KPL202 70X110	28	36.5	41	51	4.5	4	120	M10	25	10	82	137	4.8	247	132	1.7
KPL202 75X115	28	36.5	41	51	4.5	4	125	M10	25	10	82	137	5.1	230	126	1.79
KPL202 80X120	28	36.5	41	51	4.5	4	130	M10	25	12	82	165	6.57	260	145	1.89
KPL202 85X125	28	36.5	41	51	4.5	4	135	M10	25	12	82	165	6.96	244	139	1.98
KPL202 90X130	28	37.5	43	53	5.5	4	140	M10	25	12	82	165	7.45	241	134	2.15
KPL202 95X135	28	37.5	43	53	5.5	4	145	M10	25	14	82	193	9.11	267	151	2.24
KPL202 100X145	34	44	50	60	6	4	155	M10	25	15	82	207	10.3	218	123	3.07
KPL202 110X155	34	44	50	60	6	4	167	M10	25	15	82	207	11.4	198	116	3.35
KPL202 120X165	34	44	50	60	6	4	177	M10	25	18	82	248	14.9	218	130	3.59
KPL202 130X180	38	50	57	69	7	6	195	M12	35	15	142	301	19.6	214	129	5.04
KPL202 140X190	38	50	57	69	7	6	205	M12	35	15	142	301	21.1	198	123	5.38
KPL202 150X200	38	50	58	70	8	6	215	M12	35	18	142	361	27	221	140	5.81

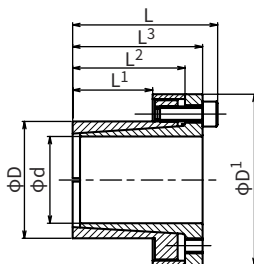
* Concerning the measurements and options not listed here, please contact our company.

KANA

KPL210 KanaLock

● **Order No. Example**
KPL210 6×14
 TYPE ϕd ϕD

With the small ratio of inner/outer diameter for the KPL210-type, fastening is possible for a boss of small diameter. Additionally, because of the superior "centering effect", it can be used without a guide part for alignment. There is no movement in the axial direction of the boss. Boss hole and shaft fit is up to H8/h8.



m Carbon Structural Steel

Product Model Number (d x D)	Basic Dimensions mm					Set Screw				Thrust Load kN	Transmitted Torque kN·m	Shaft Side Surface Pressure MPa	Boss Side Surface Pressure MPa	Weight (kg)
	D1	L1	L2	L3	L	Specifi- cation	Length	No. of Units	Tightening Torque N·m					
KPL210 6X14	25	10	18.5	21	24	M3	10	3	2	4.2	0.012	185	80	0.15
KPL210 7X15	27	12	22	25	29	M4	10	3	4.9	7.4	0.025	235	110	0.15
KPL210 8X15	27	12	22	25	29	M4	10	3	4.9	7.4	0.029	205	110	0.16
KPL210 9X16	28	14	23	26	30	M4	10	4	4.9	9.4	0.044	205	115	0.16
KPL210 10X16	28	14	23	26	30	M4	10	4	4.9	9.8	0.049	185	115	0.17
KPL210 11X18	32	14	23	26	30	M4	10	4	4.9	9.8	0.053	170	105	0.17
KPL210 12X18	32	14	23	26	30	M4	10	4	4.9	9.8	0.058	160	105	0.18
KPL210 13X23	38	14	23	26	30	M4	10	4	4.9	9.8	0.063	140	80	0.19
KPL210 14X23	38	14	23	26	30	M4	10	4	4.9	9.8	0.068	130	80	0.2
KPL210 15X24	45	16	29	36	42	M6	18	3	17	17	0.127	185	115	0.21
KPL210 16X24	45	16	29	36	42	M6	18	3	17	17	0.136	175	115	0.23
KPL210 17X26	47	18	31	38	44	M6	18	4	17	22	0.18	190	125	0.25
KPL210 18X26	47	18	31	38	44	M6	18	4	17	22	0.2	180	125	0.27
KPL210 19X27	49	18	31	38	44	M6	18	4	17	22	0.21	170	120	0.29
KPL210 20X28	50	18	31	38	44	M6	18	4	17	22	0.22	160	115	0.3
KPL210 22X32	54	25	38	45	51	M6	18	4	17	22	0.25	115	80	0.38
KPL210 24X34	56	25	38	45	51	M6	18	4	17	22	0.27	105	75	0.41
KPL210 25X34	56	25	38	45	51	M6	18	4	17	22	0.28	100	75	0.45
KPL210 28X39	61	25	38	45	51	M6	18	6	17	33	0.465	135	97	0.47
KPL210 30X41	62	25	38	45	51	M6	18	6	17	33	0.51	127	90	0.48
KPL210 32X43	65	25	38	45	51	M6	18	6	17	33	0.54	120	90	0.52
KPL210 35X47	69	32	45	52	58	M6	18	8	17	45	0.79	105	80	0.63
KPL210 38X50	72	32	45	52	58	M6	18	8	17	45	0.86	100	75	0.67
KPL210 40X53	75	32	45	52	58	M6	18	8	17	45	0.9	95	70	0.73
KPL210 42X55	78	32	45	52	58	M6	18	8	17	45	0.95	90	70	0.78
KPL210 45X59	86	45	62	70	78	M8	22	8	41	84	1.89	110	85	1.23
KPL210 48X62	87	45	62	70	78	M8	22	8	41	84	2.01	105	80	1.24
KPL210 50X65	92	45	62	70	78	M8	22	8	41	84	2.1	100	75	1.4

* Concerning the measurements and options not listed here, please contact our company.

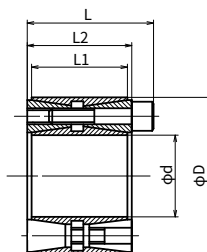
KANA

KPL220 KanaLock



● **Order No. Example**
KPL220 50×80
 TYPE ϕd ϕD

The KPL220-type has a transmitted torque more than twice that of the KPL200-type. It has the same outer link and inner link diameters as KPL200. It can be used in applications with large transmitted torque, such as large gears and sprockets. Boss hole and shaft fit is up to H8/h8.



m Carbon Structural Steel

Product Model Number (d × D)	Basic Dimensions mm			Set Screw				Thrust Load kN	Transmitted Torque kN·m	Shaft Side Surface Pressure MPa	Boss Side Surface Pressure MPa	Weight (kg)
	L1	L2	L	Specifi- cation	Length	No. of Units	Tightening Torque N·m					
KPL220 45X75	72	56	64	M 8	50	9	41	160	3.51	179	108	1.25
KPL220 48X80	72	56	64	M 8	50	9	41	160	3.72	168	101	1.41
KPL220 50X80	72	56	64	M 8	50	9	41	170	4.3	162	101	1.35
KPL220 55X85	72	56	64	M 8	50	9	41	170	4.7	147	95	1.45
KPL220 60X90	72	56	64	M 8	50	11	41	190	5.81	165	110	1.55
KPL220 65X95	72	56	64	M 8	50	11	41	190	6.1	130	89	1.92
KPL220 70X110	88	70	78	M10	70	11	83	330	11.8	179	114	3.11
KPL220 75X115	88	70	78	M10	70	11	83	330	12.6	167	109	3.28
KPL220 80X120	88	70	78	M10	70	12	83	360	14.7	171	114	3.45
KPL220 85X125	88	70	78	M10	70	12	83	360	15.6	161	109	3.63
KPL220 90X130	88	70	78	M10	70	13	83	390	17.9	165	114	3.8
KPL220 95X135	88	70	78	M10	70	13	83	390	18.9	156	110	3.97
KPL220 100X145	112	90	100	M12	90	12	145	467	23.3	181	108	6.8
KPL220 110X155	112	90	100	M12	90	13	145	553	30.4	190	110	7.5
KPL220 120X165	112	90	100	M12	90	15	145	617	37	195	119	8.6
KPL220 130X180	130	104	116	M14	90	13	230	759	49	180	111	11.1
KPL220 140X190	130	104	116	M14	90	15	230	843	59	186	121	11.8
KPL220 150X200	130	104	116	M14	90	16	230	897	67	185	123	12.6
KPL220 160X210	130	104	116	M14	90	17	230	950	76	183	123	13.4
KPL220 170X225	162	134	146	M16	120	15	355	1223	104	172	110	19.6
KPL220 180X235	162	134	146	M16	120	16	355	1289	116	172	113	20.6
KPL220 190X250	162	134	146	M16	120	17	355	1363	130	172	113	23.8
KPL220 200X260	162	134	146	M16	120	17	355	1368	136	172	108	24.9

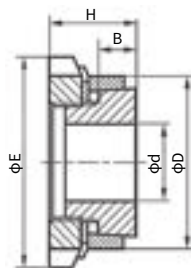
* Concerning the measurements and options not listed here, please contact our company.

KANA

KPL250 KanaLock

● **Order No. Example**
KPL250 14×25
 TYPE ϕd ϕD

Since the KPL250-type is completely set up using the minimum of mounting space, it can be mounted using just a single fastening nut. Additionally, with no required parts, it is not necessary to provide space for a C-type spanner in the axial direction either. Boss hole and shaft fit is up to H8/h8.



m Carbon Structural Steel

Product Model Number (d x D)	Basic Dimensions mm			Nut		Thrust Load kN	Transmitted Torque kN·m	Shaft Side Surface Pressure Mpa	Boss Side Surface Pressure Mpa	Weight (kg)
	B	H	E	Specification	Tightening Torque N·m					
KPL250 14X25	6.5	16.5	32	M20 x 1.0	95	5.1	0.038	200	110	0.06
KPL250 15X25	6.5	16.5	32	M20 x 1.0	95	5.5	0.041	185	110	0.06
KPL250 16X25	6.5	16.5	32	M20 x 1.0	95	5.45	0.043	174	110	0.06
KPL250 17X26	6.5	16.5	32	M20 x 1.0	95	5.5	0.047	164	107	0.07
KPL250 18X26	6.5	16.5	32	M22 x 1.0	95	5.4	0.049	155	107	0.07
KPL250 18X30	6.5	18	38	M25 x 1.5	160	6.6	0.058	185	112	0.07
KPL250 19X30	6.5	18	38	M25 x 1.5	160	6.6	0.062	176	112	0.08
KPL250 20X30	6.5	18	38	M25 x 1.5	160	6.6	0.066	167	111	0.08
KPL250 22X32	6.5	18	38	M25 x 1.5	160	6.6	0.073	152	105	0.09
KPL250 24X35	6.5	18	45	M30 x 1.5	220	8.75	0.105	185	127	0.09
KPL250 25X35	6.5	18	45	M30 x 1.5	220	8.8	0.11	178	127	0.09
KPL250 28X36	6.5	18	45	M32 x 1.5	220	8.55	0.12	159	124	0.14
KPL250 28X40	7	19.5	52	M35 x 1.5	340	10.6	0.149	188	141	0.15
KPL250 30X40	7	19.5	52	M35 x 1.5	340	10.6	0.16	164	123	0.14
KPL250 32X42	8	21.5	55	M36 x 1.5	340	10.6	0.17	154	117	0.16
KPL250 35X45	8	21.5	58	M40 x 1.5	480	13.1	0.23	153	120	0.17
KPL250 36X45	8	21.5	58	M40 x 1.5	480	13.3	0.24	149	120	0.16
KPL250 38X48	8	21.5	62	M42 x 1.5	480	13.1	0.25	141	112	0.27
KPL250 38X50	8	21.5	62	M42 x 1.5	480	13.1	0.25	141	112	0.28
KPL250 40X50	10	24.5	65	M45 x 1.5	680	15.5	0.31	124	93	0.24
KPL250 40X52	10	24.5	65	M45 x 1.5	680	15.5	0.31	120	93	0.26
KPL250 42X55	10	24.5	68	M48 x 1.5	680	15.2	0.32	114	87	0.28
KPL250 45X55	10	25.5	70	M50 x 1.5	870	17.7	0.4	122	96	0.30
KPL250 45X57	10	25.5	70	M50 x 1.5	870	17.7	0.4	122	96	0.30
KPL250 48X60	10	25.5	75	M55 x 2.0	970	20.8	0.5	135	105	0.36
KPL250 50X60	10	25.5	75	M55 x 2.0	970	20.8	0.52	130	105	0.32
KPL250 50X62	10	25.5	75	M55 x 2.0	970	20.8	0.52	130	105	0.32
KPL250 55X65	12	27.5	80	M60 x 2.0	1100	22	0.61	103	84	0.38
KPL250 55X68	12	27.5	80	M60 x 2.0	1100	22	0.61	103	84	0.38
KPL250 56X68	12	27.5	80	M60 x 2.0	1100	22	0.62	101	82	0.39
KPL250 60X70	12	28.5	85	M65 x 2.0	1300	26.6	0.8	113	93	0.43
KPL250 60X73	12	28.5	85	M65 x 2.0	1300	26.6	0.8	113	93	0.43
KPL250 63X79	14	30.5	92	M70 x 2.0	1600	31.1	0.98	107	86	0.47
KPL250 65X79	14	30.5	92	M70 x 2.0	1600	31.1	1.01	104	86	0.50
KPL250 70X84	14	31.5	98	M75 x 2.0	2000	35.4	1.24	110	92	0.65

* Concerning the measurements and options not listed here, please contact our company.

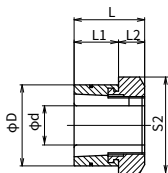
KANA

KPL251 KanaLock

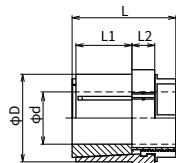
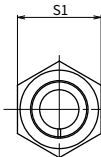


● **Order No. Example**
KPL251 20×41
 TYPE ϕd ϕD

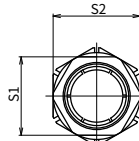
The KPL251-type features a centering function. Since no guide part is required, the boss hole can be straight, eliminating the need for complex machining. It can be installed simply by tightening the nut, and removed easily by loosening the nut, thereby improving operational efficiency. Boss hole and shaft fit is up to H8/h8.



ML Shape



MLC Shape



m Carbon Structural Steel

Product Model Number (d x D)	Basic Dimensions mm					Thrust Load kN	Transmitted Torque N·m	Shaft Side Surface Pressure Mpa	Boss Side Surface Pressure Mpa	Tightening Torque N·m	Shape	Weight (kg)
	L1	L2	L	S1	S2							
KPL251 5X16	10	5	15	17	19.6	2.65	7	181	45	9.1	ML	0.02
KPL251 6X16	10	5	15	17	19.6	2.65	8	161	45	9.1	ML	0.019
KPL251 7X21	14	7	21	22	25.4	6.57	15	179	60	19.9	ML	0.049
KPL251 8X21	14	7	21	22	25.4	6.57	18	163	60	19.9	ML	0.047
KPL251 9X21	14	7	21	22	25.4	6.57	20	150	60	19.9	ML	0.045
KPL251 10X24	14	8	22	24	27.7	8.43	26	180	68	25.5	ML	0.061
KPL251 11X24	14	8	22	24	27.7	8.43	28	172	68	25.5	ML	0.058
KPL251 12X24	14	8	22	24	27.7	8.43	31	164	68	25.5	ML	0.055
KPL251 14X31	17	10	27	32	37	16.1	83	186	81	80	ML	0.13
KPL251 15X31	17	10	27	32	37	16.1	90	179	81	80	ML	0.13
KPL251 16X31	17	10	27	32	37	16.1	96	173	81	80	ML	0.12
KPL251 17X36	21	12	33	36	41.6	22.8	145	181	80	136	ML	0.2
KPL251 18X36	21	12	33	36	41.6	22.8	155	175	80	136	ML	0.19
KPL251 19X36	21	12	33	36	41.6	22.8	163	171	80	136	ML	0.19
KPL251 20X41	23	12	35	41	47.3	24.9	245	156	71	230	ML	0.27
KPL251 22X41	23	12	35	41	47.3	24.9	274	149	71	230	ML	0.25
KPL251 24X41	23	12	35	41	47.3	24.9	294	144	71	230	ML	0.23
KPL251 25X46	25	12	37	46	53.1	30.1	365	138	70	300	ML	0.33
KPL251 28X46	25	12	37	46	53.1	30.1	408	131	70	300	ML	0.3
KPL251 30X50	28	13	41	50	57.7	30.1	446	111	66	330	ML	0.41
KPL251 32X50	28	13	41	50	57.7	30.1	475	104	66	330	ML	0.37
KPL251 34X60.5	38	13	70	50	60.3	40.18	420	65	39	330	MLC	0.77
KPL251 35X60.5	38	13	70	50	60.3	41.55	430	63	39	330	MLC	0.75
KPL251 36X60.5	38	13	70	50	60.3	42.92	440	61	39	330	MLC	0.74
KPL251 38X60.5	38	13	70	50	60.3	45.67	470	58	39	330	MLC	0.72
KPL251 40X67	43	17.5	79.5	60	66.7	48.71	570	53	34	420	MLC	1.05
KPL251 42X67	43	17.5	79.5	60	66.7	52.23	590	51	34	420	MLC	1.02
KPL251 45X73	51	19	90.5	65	73	56.35	800	47	34	585	MLC	1.36
KPL251 48X73	51	19	90.5	65	73	61.64	850	60	42	585	MLC	1.33
KPL251 50X73	51	19	90.5	65	73	64.38	880	57	42	585	MLC	1.31
KPL251 55X80	54	20.5	95.3	70	79.4	66.44	1040	49	38	680	MLC	2.13
KPL251 60X86	57.2	19	98.4	75	85.7	67.32	1060	41	30	680	MLC	2.27
KPL251 65X92	60.3	20.5	103.2	82	92.1	68.11	1330	36	27	880	MLC	2.68
KPL251 70X92	60.3	20.5	103.2	82	92.1	69	1450	33	27	880	MLC	2.58
KPL251 75X100	63.5	20.5	108	90	98.4	70.1	1610	30	24	980	MLC	2.72

* Concerning the measurements and options not listed here, please contact our company.

KANA

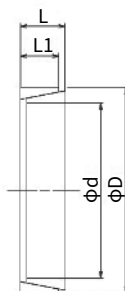
KPL300 KanaLock

● **Order No. Example**
KPL300 20×25

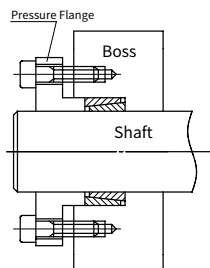
TYPE ϕd ϕD

As the KPL300-type is completely set up in a mounting space which is extremely small in the radial direction, it is possible to select up to 4 built-in KanaLocks. This also allows a large torque to be transmitted.

Boss hole and shaft fit is up to H8/h8.



KPL300-type



Outer Ring Pressurization Diagram

m Carbon Structural Steel

Product Model Number (d x D)	Basic Dimensions mm		Initial Applied Pressure kN	Effective Applied Pressure kN	Transmitted Torque kN·m	Thrust Load kN	Shaft Side Surface Pressure MPa	Boss Side Surface Pressure MPa	Weight (kg)
	L	L1							
KPL300 10X13	4.5	3.7	5.9	6.2	0.007	1.4	98	75	0.002
KPL300 12X15	4.5	3.7	5	7.4	0.01	1.67	98	78	0.002
KPL300 13X16	4.5	3.7	4.7	8	0.012	1.8	98	79	0.002
KPL300 14X18	6.3	5.3	8.1	12.3	0.02	2.8	98	76	0.005
KPL300 15X19	6.3	5.3	10.3	13.2	0.023	3	98	77	0.005
KPL300 16X20	6.3	5.3	9.8	14.1	0.025	3.2	98	78	0.006
KPL300 17X21	6.3	5.3	9.2	15	0.028	3.4	98	79	0.006
KPL300 18X22	6.3	5.3	8.9	15.9	0.032	3.6	98	80	0.008
KPL300 19X24	6.3	5.3	12.3	16.8	0.036	3.8	98	77	0.008
KPL300 20X25	6.3	5.3	11.9	17.6	0.039	4	98	78	0.01
KPL300 22X26	6.3	5.3	8.9	19.4	0.047	4.4	98	83	0.01
KPL300 24X28	6.3	5.3	8.2	21.2	0.057	4.8	98	84	0.01
KPL300 25X30	6.3	5.3	9.7	22.1	0.061	5	98	81	0.01
KPL300 28X32	6.3	5.3	7.2	24.7	0.076	5.6	98	86	0.01
KPL300 30X35	6.3	5.3	8.3	26.5	0.088	6	98	84	0.01
KPL300 32X36	6.3	5.3	7.7	28.2	0.102	6.3	98	87	0.015
KPL300 35X40	7	6	9.9	34.9	0.137	7.9	98	86	0.02
KPL300 36X42	7	6	11.4	35.9	0.145	8.1	98	84	0.02
KPL300 38X44	7	6	10.9	37.9	0.163	8.6	98	84	0.02
KPL300 40X45	8	6.6	13.5	44.1	0.201	9.9	98	87	0.025
KPL300 42X48	8	6.6	15.3	46.1	0.22	10.5	98	86	0.04
KPL300 45X52	10	8.6	25.6	64.7	0.321	14.6	98	85	0.043
KPL300 48X55	10	8.6	24.1	68.6	0.378	15.6	98	85	0.045
KPL300 50X57	10	8.6	23.2	71.5	0.401	16.2	98	86	0.05
KPL300 55X62	10	8.6	21.3	78.4	0.481	17.8	98	87	0.06

As shown in the right figure, KPL300 (listed on this page) and KPL300S (listed on the right page) can be used in combination.

We recommend using them as a set.



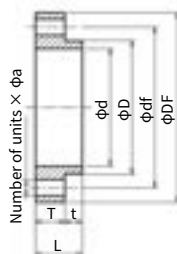
KANA

KPL300S KanaLock

● Order No. Example
KPL300S 20×25

TYPE ϕd ϕD

Pressure flange for the KPL300-type.
Manufacture of special sizes other than those below is also possible.



KPL300S-type

m Carbon Structural Steel

Product Model Number (d x D)	Compatible KPL300 (d x D)	d	D	df	DF	T	t	L	a	Set Screw		Weight (kg)
										Size x No. of Units (Screws are not included)	Tightening Torque N·m	
KPL300S 10X13	10X13	10.2	12.8	28	36	8	5	13	4.4	M4 x 3	3.8	0.06
KPL300S 12X15	12X15	12.2	14.8	28	36	8	5	13	4.4	M4 x 4	3.8	0.06
KPL300S 13X16	13X16	13.2	15.8	28	36	8	5	13	4.4	M4 x 5	3.8	0.06
KPL300S 14X18	14X18	14.2	17.8	35	45	10	8	18	5.5	M5 x 3	7.6	0.12
KPL300S 15X19	15X19	15.2	18.8	35	45	10	8	18	5.5	M5 x 3	7.6	0.12
KPL300S 16X20	16X20	16.2	19.8	35	45	10	8	18	5.5	M5 x 3	7.6	0.12
KPL300S 17X21	17X21	17.2	20.8	35	45	10	8	18	5.5	M5 x 3	7.6	0.12
KPL300S 18X22	18X22	18.8	21.8	35	45	10	8	18	5.5	M5 x 3	7.6	0.12
KPL300S 19X24	19X24	19.2	23.8	40	50	10	8	18	5.5	M5 x 4	7.6	0.14
KPL300S 20X25	20X25	20.2	24.8	40	50	10	8	18	5.5	M5 x 4	7.6	0.14
KPL300S 22X26	22X26	22.2	25.8	40	50	10	8	18	5.5	M5 x 4	7.6	0.14
KPL300S 24X28	24X28	24.2	27.8	45	55	10	8	18	5.5	M5 x 4	7.6	0.16
KPL300S 25X30	25X30	25.2	29.8	45	55	10	8	18	5.5	M5 x 4	7.6	0.16
KPL300S 28X32	28X32	28.2	31.8	45	55	10	8	18	5.5	M5 x 4	7.6	0.17
KPL300S 30X35	30X35	30.2	34.8	50	60	10	8	18	5.5	M5 x 5	7.6	0.18
KPL300S 32X36	32X36	32.2	35.8	50	60	10	8	18	5.5	M5 x 5	7.6	0.19
KPL300S 35X40	35X40	35.2	39.8	58	68	10	8	18	5.5	M5 x 6	7.6	0.23
KPL300S 36X42	36X42	36.2	41.8	58	68	10	8	18	5.5	M5 x 6	7.6	0.23
KPL300S 38X44	38X44	38.2	43.8	58	68	10	8	18	5.5	M5 x 6	7.6	0.27
KPL300S 40X45	40X45	40.2	44.8	62	74	12	10	22	6.6	M6 x 6	12.7	0.31
KPL300S 42X48	42X48	42.2	47.8	62	74	12	10	22	6.6	M6 x 6	12.7	0.35
KPL300S 45X52	45X52	45.2	51.8	70	82	12	10	22	6.6	M6 x 8	12.7	0.36
KPL300S 48X55	48X55	48.2	54.8	70	82	12	10	22	6.6	M6 x 8	12.7	0.37
KPL300S 50X57	50X57	50.2	56.8	70	82	12	10	22	6.6	M6 x 8	12.7	0.38
KPL300S 55X62	55X62	55.2	61.8	78	90	12	10	22	6.6	M6 x 10	12.7	0.42

* Please see our company's homepage and the selection material in the product information, for the transmitted torque and selection.

KANA

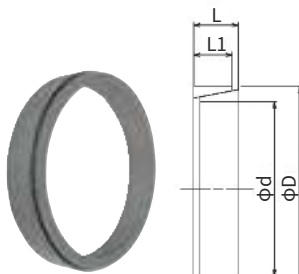
KPL300 KanaLock

● **Order No. Example**
KPL300 20×25

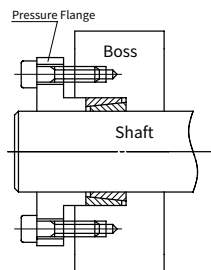
TYPE ϕd ϕD

As the KPL300-type is completely set up in a mounting space which is extremely small in the radial direction, it is possible to select up to 4 built-in KanaLocks. This also allows a large torque to be transmitted.

Boss hole and shaft fit is up to H8/h8.



KPL300-type



Outer Ring
Pressurization Diagram

m Carbon Structural Steel

Product Model Number (d x D)	Basic Dimensions mm		Initial Applied Pressure kN	Effective Applied Pressure kN	Transmitted Torque kN·m	Thrust Load kN	Shaft Side Surface Pressure MPa	Boss Side Surface Pressure MPa	Weight (kg)
	L	L1							
KPL300 56X64	12	10.4	28.6	97	0.62	21.7	98	86	0.074
KPL300 60X68	12	10.4	26.9	104	0.701	23.5	98	87	0.074
KPL300 63X71	12	10.4	25.6	109	0.78	24.5	98	87	0.08
KPL300 65X73	12	10.4	24.9	113	0.813	25.3	98	87	0.08
KPL300 70X79	14	12.2	30.4	142	1.121	32	98	87	0.11
KPL300 71X80	14	12.2	30	144	1.151	32.3	98	87	0.12
KPL300 75X84	14	12.2	33.7	152	1.268	34.2	98	86	0.12
KPL300 80X91	17	15	47.1	200	1.772	45	98	86	0.19
KPL300 85X96	17	15	44.6	212	2.021	48	98	87	0.2
KPL300 90X101	17	15	42.2	224	2.252	51	98	88	0.22
KPL300 95X106	17	15	40.1	237	2.53	53	98	86	0.23
KPL300 100X114	21	18.7	59.8	311	3.453	70	98	87	0.38
KPL300 110X124	21	18.7	64.1	342	4.17	76.5	98	87	0.41
KPL300 120X134	21	18.7	59	373	4.98	83.5	98	88	0.45
KPL300 130X148	28	25.3	93.8	547	7.85	123	98	86	0.85
KPL300 140X158	28	25.3	87.5	589	9.15	132	98	87	0.91
KPL300 150X168	28	25.3	82	631	10.6	141	98	87	0.97
KPL300 160X178	28	25.3	79	742	12.2	153	98	86	1.02
KPL300 170X191	33	30	83	830	16.3	192	98	86	1.5
KPL300 180X201	33	30	75.3	850	18.3	204	98	87	1.58

As shown in the right figure, KPL300 (listed on this page) and KPL300S (listed on the right page) can be used in combination.

We recommend using them as a set.



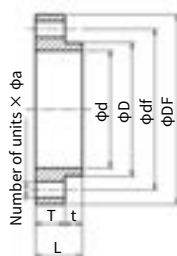
KANA

KPL300S KanaLock

● Order No. Example
KPL300S 20×25

TYPE ϕd ϕD

Pressure flange for the KPL300-type.
Manufacture of special sizes other than those below is also possible.



KPL300S-type

m Carbon Structural Steel

Product Model Number (d x D)	Compatible KPL300 (d x D)	d	D	df	DF	T	t	L	a	Set Screw		Weight (kg)
										Size x No. of Units (Screws are not included)	Tightening Torque N·m	
KPL300S 56X64	56X 64	56.2	63.8	86	102	12	10	26	8.8	M 8 x 8	31.4	0.73
KPL300S 60X68	60X 68	60.2	67.8	86	102	16	10	26	8.8	M 8 x 8	31.4	0.77
KPL300S 63X71	63X 71	63.2	70.8	92	108	16	10	26	8.8	M 8 x 8	31.4	0.82
KPL300S 65X73	65X 73	65.2	72.8	92	108	16	10	26	8.8	M 8 x 8	31.4	0.85
KPL300S 70X79	70X 79	70.3	78.7	98	114	16	12	28	8.8	M 8 x 10	31.4	0.89
KPL300S 71X80	71X 80	71.3	79.7	98	114	16	12	28	8.8	M 8 x 10	31.4	0.9
KPL300S 75X84	75X 84	75.3	83.7	104	120	16	12	28	8.8	M 8 x 10	31.4	0.96
KPL300S 80X91	80X 91	80.3	90.7	110	130	20	12	32	11	M10 x 8	61.7	1.42
KPL300S 85X96	85X 96	85.3	95.7	116	136	20	12	32	11	M10 x 8	61.7	1.53
KPL300S 90X101	90X101	90.3	100.7	120	140	20	12	32	11	M10 x 9	61.7	1.56
KPL300S 95X106	95X106	95.3	105.7	126	146	20	12	32	11	M10 x 9	61.7	1.67
KPL300S 100X114	100X114	100.3	113.7	134	154	20	12	32	11	M10 x 10	61.7	1.9

* Concerning the measurements and options not listed here, please contact our company.

KANA**KSC Shaft Collar**● **Order No. Example****KSC 4020**

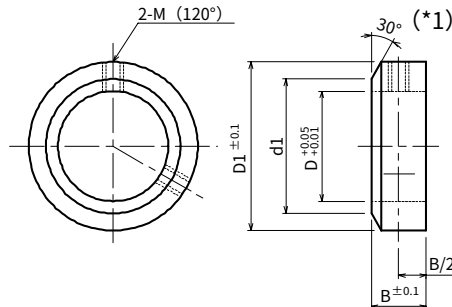
Shaft Collars	Inner Diameter	Total Width
------------------	-------------------	----------------



Most suitable for positioning the idler sprocket and fixing the bearing housing to the shaft.

Product Model Number	Inner Diameter $\phi D_{i0.05}^{+0.05/-0.01}$	Total Width $B \pm 0.1$	Outer Diameter $D1$	d1	Set Screw Hole M	Set Screw M x Length	Weight (g)
KSC 0305	3	5	7	—	☆ M3	M3×3	2
KSC 0306	3	6	7	—	☆ M3	M3×3	2
KSC 0308	3	8	7	—	☆ M3	M3×3	2
KSC 0405	4	5	8	—	☆ M3	M3×4	2
KSC 0406	4	6	12	—	☆ M4	M4×4	5
KSC 0408	4	8	12	—	☆ M4	M4×4	7
KSC 0505	5	5	11	—	☆ M3	M3×3	3
KSC 0506	5	6	14	—	☆ M4	M4×4	7
KSC 0508	5	8	14	—	☆ M4	M4×4	9
KSC 0510	5	10	14	—	☆ M4	M4×4	11
KSC 0605	6	5	12	—	M3	M3×3	4
KSC 0606	6	6	15	—	☆ M4	M4×4	7
KSC 0608	6	8	15	—	☆ M4	M4×4	10
KSC 0610	6	10	16	—	☆ M4	M4×4	14
KSC 0805	8	5	14	—	M3	M3×3	5
KSC 0806	8	6	16	13	M4	M4×4	8
KSC 0808	8	8	16	13	M4	M4×4	10
KSC 0810	8	10	18	13	M4	M4×4	17
KSC 1005	10	5	16	—	M3	M3×3	5
KSC 1006	10	6	18	16	M4	M4×4	9
KSC 1008	10	8	18	16	M4	M4×4	12
KSC 1010	10	10	20	16	M4	M4×4	19
KSC 1206	12	6	20	—	M4	M4×4	10
KSC 1208	12	8	22	20	M4	M4×4	17
KSC 1210	12	10	26	20	M5	M5×6	33
KSC 1212	12	12	26	20	M6	M6×6	40
KSC 1306	13	6	20	—	M4	M4×4	9
KSC 1308	13	8	22	20	M4	M4×4	16
KSC 1310	13	10	26	20	M5	M5×6	32
KSC 1412	14	12	26	20	M5	M5×6	36
KSC 1506	15	6	24	—	M4	M4×4	13
KSC 1508	15	8	25	24	M5	M5×6	20
KSC 1510	15	10	25	24	M5	M5×6	25
KSC 1512	15	12	28	24	M5	M5×6	42
KSC 1606	16	6	24	—	M4	M4×4	12
KSC 1608	16	8	28	24	M5	M5×6	27
KSC 1610	16	10	28	24	M5	M5×6	33
KSC 1612	16	12	28	24	M5	M5×6	40
KSC 1710	17	10	30	26	M6	M6×6	38
KSC 1712	17	12	32	26	M6	M6×6	55
KSC 1815	18	15	32	29	M6	M6×6	65

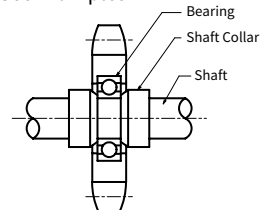
The ☆ indicates 1 screw.



Product Model Number	Inner Diameter $\phi D_{i0.05}$	Total Width $B \pm 0.1$	Outer Diameter $D1$	d1	Set Screw Hole M	Set Screw M x Length	Weight (g)
KSC 2007	20	7	30	—	M5	M5×6	22
KSC 2010	20	10	32	29	M6	M6×6	39
KSC 2012	20	12	32	29	M6	M6×6	47
KSC 2015	20	15	32	29	M6	M6×6	58
KSC 2218	22	18	38	34	M8	M8×8	107
KSC 2512	25	12	38	37	M6	M6×6	61
KSC 2515	25	15	38	37	M6	M6×6	76
KSC 2518	25	18	42	38	M8	M8×8	127
KSC 2818	28	18	45	40	M8	M8×8	138
KSC 3014	30	14	45	42	M8	M8×8	98
KSC 3016	30	16	45	42	M8	M8×8	111
KSC 3018	30	18	49	42	M8	M8×8	167
KSC 3020	30	20	49	42	M8	M8×8	185
KSC 3220	32	20	53	44	M8	M8×8	220
KSC 3515	35	15	50	47	M8	M8×8	118
KSC 3518	35	18	55	47	M8	M8×8	311
KSC 3520	35	20	59	47	M8	M8×8	279
KSC 3822	38	22	64	50	M10	M10×12	360
KSC 4018	40	18	60	55	M10	M10×8	222
KSC 4020	40	20	72	—	M10	M10×12	442
KSC 4022	40	22	72	55	M10	M10×12	486
KSC 4522	45	22	75	60	M10	M10×12	489
KSC 5020	50	20	70	65	M10	M10×8	296
KSC 5025	50	25	79	65	M10	M10×12	577
KSC 5528	55	28	81	70	M12	M12×12	611
KSC 6028	60	28	88	75	M12	M12×12	716
KSC 6528	65	28	94	85	M12	M12×12	796
KSC 7032	70	32	113	90	M16	M16×16	1552
KSC 7532	75	32	119	95	M16	M16×16	1684
KSC 8032	80	32	126	105	M16	M16×16	1869

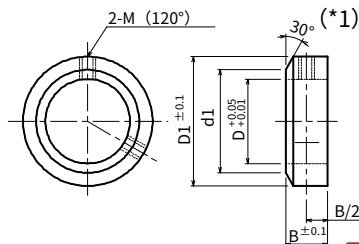
(*1) Exterior may differ slightly from drawings according to d1 dimensions.

Use Examples



KANA**SSC Stainless Steel Shaft Collar**● **Order No. Example****SSC 4022**

Shaft Collar (Stainless Steel)	Inner Diameter	Total Width
-----------------------------------	-------------------	----------------



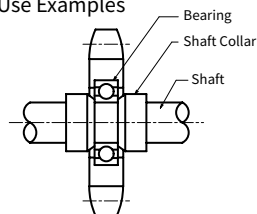
Comes with two set screws

m Stainless Steel **CB** 304

Product Model Number	Inner Diameter $\phi D_{+0.05/-0.01}$	Total Width $B \pm 0.1$	Outer Diameter $D1$	$d1$	Set Screw Hole M	Set Screw $M \times \text{Length}$	Weight (g)
SSC 0406	4	6	12	—	M 4	M 4 × 4	5
SSC 0408	4	8	12	—	M 4	M 4 × 4	7
SSC 0506	5	6	14	—	M 4	M 4 × 4	7
SSC 0508	5	8	14	—	M 4	M 4 × 4	9
SSC 0608	6	8	15	—	M 4	M 4 × 4	10
SSC 0610	6	10	16	—	M 4	M 4 × 4	14
SSC 0808	8	8	16	13	M 4	M 4 × 4	10
SSC 0810	8	10	18	—	M 4	M 4 × 4	17
SSC 1008	10	8	18	16	M 4	M 4 × 4	12
SSC 1010	10	10	20	—	M 4	M 4 × 4	19
SSC 1208	12	8	22	20	M 4	M 4 × 4	17
SSC 1210	12	10	26	—	M 5	M 5 × 6	34
SSC 1310	13	10	26	—	M 5	M 5 × 6	32
SSC 1510	15	10	25	24	M 5	M 5 × 6	25
SSC 1512	15	12	28	—	M 5	M 5 × 6	42
SSC 1610	16	10	28	24	M 5	M 5 × 6	33
SSC 1612	16	12	28	—	M 5	M 5 × 6	40
SSC 1710	17	10	30	26	M 6	M 6 × 6	38
SSC 2012	20	12	32	29	M 6	M 6 × 6	47
SSC 2015	20	15	32	—	M 6	M 6 × 6	59
SSC 2515	25	15	38	37	M 6	M 6 × 6	77
SSC 2518	25	18	42	—	M 8	M 8 × 8	128
SSC 3016	30	16	45	42	M 8	M 8 × 8	112
SSC 3020	30	20	49	—	M 8	M 8 × 8	187
SSC 3520	35	20	59	—	M 8	M 8 × 8	281
SSC 4022	40	22	72	—	M 10	M 10 × 12	490
SSC 4522	45	22	75	—	M 10	M 10 × 12	492
SSC 5025	50	25	79	—	M 10	M 10 × 12	581

(*1) Exterior may differ slightly from drawings according to d1 dimensions.

Use Examples

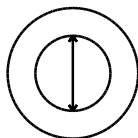


Shaft Collar Series

Standard Type



Used when fixing the mounting position.

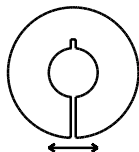


Fastening
Dimensions Fixed

Slit Type



Compared to standard types, mounting can be made firmer.

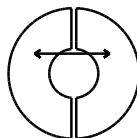


Fastening
Dimensions
Slightly Adjustable

Split Type



Separable type, so it can be mounted after.

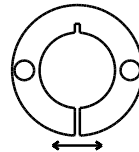


Fastening Dimensions
Adjustable

Slit Type with two holes for fixing Slit Type



The fixing holes can be used to mount various locations and objects.



Fastening
Dimensions
Slightly Adjustable

Use Examples



KANA**KSC-SL Shaft Collar**

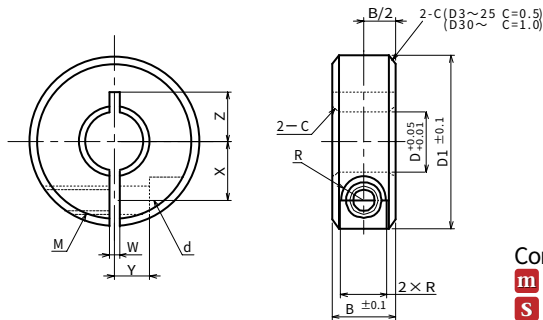
● **Order No. Example**
KSC1615SL

Shaft Collars Inner Diameter Total Width Slit Type



Effective and accurate mounting can be done with the clamp that is used for positioning and fixing the sprocket and the timing pulley.

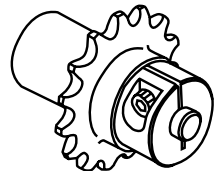
Product Model Number	Inner Diameter φD	Total Width B±0.1	Outer Diameter D1	Bolt Hole M	Bolt M x Length	d	R	W	X	Y	Z	Weight (g)
KSC 0308 SL	3	8	15	M 3	M3× 8	3.4	3	1	4.5	3	4.5	11
KSC 0408 SL	4	8	15	M 3	M3× 8	3.4	3	1	4.5	3	4.5	10
KSC 0508 SL	5	8	20	M 3	M3×10	3.4	3	1	6	4	7	18
KSC 0510 SL	5	10	20	M 4	M4×10	4.5	3.75	1	6	4	6	22
KSC 0608 SL	6	8	20	M 3	M3×10	3.4	3	1	6	4	6	17
KSC 0610 SL	6	10	20	M 4	M4×10	4.5	3.75	1	6	4	6	22
KSC 0808 SL	8	8	25	M 3	M3×10	3.4	3	1.5	8	5	7	27
KSC 0810 SL	8	10	25	M 4	M4×12	4.5	3.75	1.5	8	5	9	33
KSC 0812 SL	8	12	28	M 5	M5×16	5.5	4.5	1.5	8.5	5	10	51
KSC 0815 SL	8	15	30	M 6	M6×15	7	6	1.5	9	5	10	73
KSC 1010 SL	10	10	30	M 4	M4×12	4.5	3.75	1.5	9	5	11	47
KSC 1012 SL	10	12	30	M 5	M5×16	5.5	4.5	1.5	9	5	11	56
KSC 1015 SL	10	15	35	M 6	M6×18	7	6	1.5	10	6	12.5	99
KSC 1210 SL	12	10	30	M 4	M4×12	4.5	3.75	1.5	10	5	11	63
KSC 1212 SL	12	12	30	M 5	M5×16	5.5	4.5	1.5	10	5	11	53
KSC 1215 SL	12	15	35	M 6	M6×18	7	6	1.5	11	6	12.5	95
KSC 1310 SL	13	10	30	M 4	M4×12	4.5	3.75	1.5	10	5	11	43
KSC 1315 SL	13	15	35	M 6	M6×18	7	6	1.5	11	6	12.5	93
KSC 1510 SL	15	10	32	M 4	M4×12	4.5	3.75	1.5	11	6	11	47
KSC 1512 SL	15	12	35	M 5	M5×16	5.5	4.5	1.5	12	6	13	70
KSC 1515 SL	15	15	40	M 6	M6×20	7	6	1.5	13	8	13	120
KSC 1610 SL	16	10	35	M 4	M4×12	4.5	3.75	1.5	12	6	13	57
KSC 1612 SL	16	12	35	M 5	M5×16	5.5	4.5	1.5	12	6	13	68



Comes with one bolt
m Carbon Structural Steel
S Black Oxide Coating

Product Model Number	Inner Diameter ϕD	Total Width $B \pm 0.1$	Outer Diameter $D1$	Bolt Hole M	Bolt $M \times$ Length	d	R	W	X	Y	Z	Weight (g)
KSC 1615 SL	16	15	40	M 6	M6×20	7	6	1.5	13	8	13	118
KSC 1715 SL	17	15	40	M 6	M6×20	7	6	1.5	13	8	13	115
KSC 1815 SL	18	15	45	M 6	M6×20	7	6	1.5	15	8	15	149
KSC 2010 SL	20	10	40	M 4	M4×16	4.5	3.75	1.5	14	7	15	70
KSC 2012 SL	20	12	40	M 5	M5×16	5.5	4.5	1.5	14	7	15	84
KSC 2015 SL	20	15	45	M 6	M6×20	7	6	1.5	15	8	15	142
KSC 2020 SL	20	20	45	M 6	M6×20	7	6	1.5	15	8	15	189
KSC 2512 SL	25	12	45	M 5	M5×16	5.5	4.5	1.5	17	7	18	98
KSC 2515 SL	25	15	50	M 6	M6×25	7	6	1.5	18	10	18	164
KSC 3015 SL	30	15	55	M 6	M6×25	7	6	1.5	20	10	—	186
KSC 3515 SL	35	15	60	M 6	M6×25	7	6	2	23	12	—	208
KSC 4018 SL	40	18	70	M 8	M8×30	9	7	2	26	13	—	346
KSC 4518 SL	45	18	75	M 8	M8×30	9	7	3	28	14	—	377
KSC 5022 SL	50	22	85	M 10	M10×35	11	9	3	32	16	—	605
KSC 5522 SL	55	22	90	M 10	M10×35	11	9	3	34	18	—	650
KSC 6022 SL	60	22	95	M 10	M10×35	11	9	3	37	18	—	694
KSC 6525 SL	65	25	105	M 12	M12×40	13	10	5	40	18	—	989
KSC 7025 SL	70	25	110	M 12	M12×40	13	10	5	43	18	—	1047
KSC 7525 SL	75	25	115	M 12	M12×40	13	10	5	45	20	—	1105
KSC 8032 SL	80	32	130	M 16	M16×50	18	13	5	50	22	—	1954
KSC 9032 SL	90	32	140	M 16	M16×50	18	13	5	55	24	—	2140
KSC 10036 SL	100	36	150	M 16	M16×50	18	13	5	60	26	—	2617
KSC 11036 SL	110	36	170	M 16	M16×50	18	13	5	70	28	—	3516
KSC 12036 SL	120	36	180	M 16	M16×50	18	13	5	75	30	—	3768

Use Examples

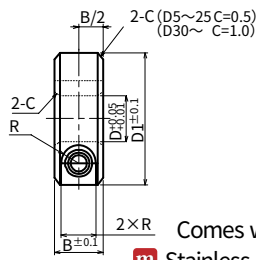
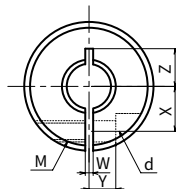


KANA**SSC-SL Stainless Steel Shaft Collar**

● Order No. Example

SSC 1615 SL

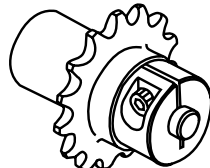
Shaft Collar Inner Total Slit
(Stainless Steel) Diameter Width Type



Comes with one bolt
 Stainless Steel 304

Product Model Number	Inner Diameter ϕD	Total Width $B \pm 0.1$	Outer Diameter $D1$	Bolt Hole M	Bolt $M \times$ Length	d	R	W	X	Y	Z	Weight (g)
SSC 0510 SL	5	10	20	M 4	M4×10	4.5	3.75	1	6	4	6	22
SSC 0610 SL	6	10	20	M 4	M4×10	4.5	3.75	1	6	4	6	22
SSC 0810 SL	8	10	25	M 4	M4×12	4.5	3.75	1.5	8	5	9	33
SSC 0815 SL	8	15	30	M 6	M6×15	7	6	1.5	9	5	10	74
SSC 1010 SL	10	10	30	M 4	M4×12	4.5	3.75	1.5	9	5	11	47
SSC 1015 SL	10	15	35	M 6	M6×18	7	6	1.5	10	6	12.5	99
SSC 1210 SL	12	10	30	M 4	M4×12	4.5	3.75	1.5	10	5	11	45
SSC 1215 SL	12	15	35	M 6	M6×18	7	6	1.5	11	6	12.5	95
SSC 1310 SL	13	10	30	M 4	M4×12	4.5	3.75	1.5	10	5	11	43
SSC 1315 SL	13	15	35	M 6	M6×18	7	6	1.5	11	6	12.5	93
SSC 1512 SL	15	12	35	M 5	M5×16	5.5	4.5	1.5	12	6	13	71
SSC 1515 SL	15	15	40	M 6	M6×20	7	6	1.5	13	8	13	121
SSC 1612 SL	16	12	35	M 5	M5×16	5.5	4.5	1.5	12	6	13	69
SSC 1615 SL	16	15	40	M 6	M6×20	7	6	1.5	13	8	13	119
SSC 2012 SL	20	12	40	M 5	M5×16	5.5	4.5	1.5	14	7	15	85
SSC 2015 SL	20	15	45	M 6	M6×20	7	6	1.5	15	8	15	143
SSC 2512 SL	25	12	45	M 5	M5×16	5.5	4.5	1.5	17	7	18	99
SSC 2515 SL	25	15	50	M 6	M6×25	7	6	1.5	18	10	18	165
SSC 3015 SL	30	15	55	M 6	M6×25	7	6	1.5	20	10	—	187
SSC 3515 SL	35	15	60	M 6	M6×25	7	6	2	23	12	—	209
SSC 4018 SL	40	18	70	M 8	M8×30	9	7	2	26	13	—	348
SSC 4518 SL	45	18	75	M 8	M8×30	9	7	3	28	14	—	380
SSC 5022 SL	50	22	85	M 10	M10×35	11	9	3	32	16	—	609

Use Examples



KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

Sprockets

Roller Chains

Chain Accessories

Idlers & Tensioners

Couplings

KanaLock

Shaft Collars

Timing Pulleys/Flanges

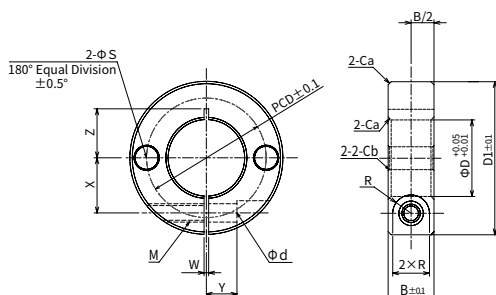
Gears

KANA**KSC-SL2 Shaft Collar**● **Order No. Example****KSC 1615 SL2**

Shaft Collars	Inner Diameter	Total Width	Slit Type
			(With two holes for fixing)



Product Model Number	Inner Diameter φD	Total Width B±0.1	Outer Diameter D1	Bolt Hole M	Bolt M x Length	φd	R	
KSC 0608 SL2	6	8	20	M 3	M 3 × 10	3.4	3	
KSC 0610 SL2	6	10	20	M 4	M 4 × 10	4.5	3.75	
KSC 0808 SL2	8	8	25	M 3	M 3 × 10	3.4	3	
KSC 0810 SL2	8	10	25	M 4	M 4 × 12	4.5	3.75	
KSC 0812 SL2	8	12	28	M 5	M 5 × 16	5.5	4.5	
KSC 0815 SL2	8	15	30	M 6	M 6 × 15	7	6	
KSC 1010 SL2	10	10	30	M 4	M 4 × 12	4.5	3.75	
KSC 1012 SL2	10	12	30	M 5	M 5 × 16	5.5	4.5	
KSC 1015 SL2	10	15	35	M 6	M 6 × 18	7	6	
KSC 1210 SL2	12	10	30	M 4	M 4 × 12	4.5	3.75	
KSC 1212 SL2	12	12	30	M 5	M 5 × 16	5.5	4.5	
KSC 1215 SL2	12	15	35	M 6	M 6 × 18	7	6	
KSC 1310 SL2	13	10	30	M 4	M 4 × 12	4.5	3.75	
KSC 1315 SL2	13	15	35	M 6	M 6 × 18	7	6	
KSC 1510 SL2	15	10	32	M 4	M 4 × 12	4.5	3.75	
KSC 1512 SL2	15	12	35	M 5	M 5 × 16	5.5	4.5	
KSC 1515 SL2	15	15	40	M 6	M 6 × 20	7	6	
KSC 1610 SL2	16	10	35	M 4	M 4 × 12	4.5	3.75	
KSC 1612 SL2	16	12	35	M 5	M 5 × 16	5.5	4.5	
KSC 1615 SL2	16	15	40	M 6	M 6 × 20	7	6	
KSC 2010 SL2	20	10	40	M 4	M 4 × 16	4.5	3.75	
KSC 2012 SL2	20	12	40	M 5	M 5 × 16	5.5	4.5	
KSC 2015 SL2	20	15	45	M 6	M 6 × 20	7	6	
KSC 2512 SL2	25	12	45	M 5	M 5 × 16	5.5	4.5	
KSC 2515 SL2	25	15	50	M 6	M 6 × 25	7	6	
KSC 3015 SL2	30	15	55	M 6	M 6 × 25	7	6	
KSC 3515 SL2	35	15	60	M 6	M 6 × 25	7	6	
KSC 4018 SL2	40	18	70	M 8	M 8 × 30	9	7	
KSC 5022 SL2	50	22	85	M10	M10 × 35	11	9	



Comes with one bolt

m Carbon Structural Steel**S** Black Oxide Coating

	W	X	Y	Z	Side Hole Φ S	PCD	Ca	Cb	Weight (g)
	1	6	4	6	3.5	13	0.5	0.3	16
	1	6	4	6	3.5	13	0.5	0.3	20
	1.5	8	5	9	4.5	16	0.5	0.5	25
	1.5	8	5	9	4.5	18	0.5	0.5	31
	1.5	8.5	5	10	5.5	18	0.5	0.5	47
	1.5	9.5	5	10	5.5	20	0.5	0.5	68
	1.5	9	5	11	5.5	20	0.5	0.5	43
	1.5	9	5	11	5.5	20	0.5	0.5	52
	1.5	11	6	12.5	6.6	24	0.5	0.5	91
	1.5	10	5	11	5.5	22	0.5	0.5	41
	1.5	10	5	11	5.5	22	0.5	0.5	49
	1.5	11	6	12.5	6.6	24	0.5	0.5	87
	1.5	10	5	11	4.5	22	0.5	0.5	40
	1.5	11	6	12.5	6.6	24	0.5	0.5	85
	1.5	11	6	11	4.5	24	0.5	0.5	43
	1.5	12	6	13	5.5	26	0.5	0.5	65
	1.5	13	8	13	6.6	28	0.5	0.5	111
	1.5	12	6	13	4.5	25	0.5	0.5	52
	1.5	12	6	13	5.5	26	0.5	0.5	63
	1.5	13	8	13	6.6	28	0.5	0.5	109
	1.5	14	7	15	5.5	30	0.5	0.5	65
	1.5	14	7	15	5.5	30	0.5	0.5	78
	1.5	15	8	15	6.6	34	0.5	0.5	131
	1.5	17	7	18	5.5	36	0.5	0.5	91
	1.5	18	10	18	6.6	38	0.5	0.5	151
	1.5	20	10	—	6.6	44	1	0.5	171
	2	23	12	—	6.6	48	1	0.5	191
	2	26	13	—	9	56	1	0.5	319
	3	32	16	—	11	68	1	0.5	558

KANA**SSC-SL2 Stainless Steel Shaft Collar**

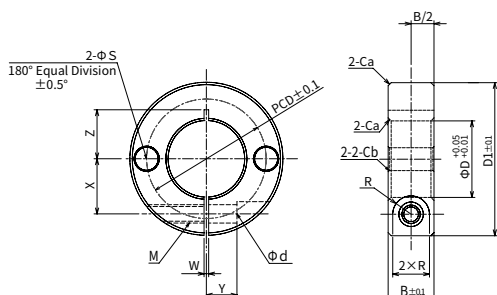
● Order No. Example

SSC 1615 SL2

Shaft Collar Inner Total Slit Type
(Stainless Steel) Diameter Width (With two holes for fixing)



Product Model Number	Inner Diameter φD	Total Width B±0.1	Outer Diameter D1	Bolt Hole M	Bolt M x Length	φd	R	
SSC 0608 SL2	6	8	20	M 3	M 3 × 10	3.4	3	
SSC 0610 SL2	6	10	20	M 4	M 4 × 10	4.5	3.75	
SSC 0808 SL2	8	8	25	M 3	M 3 × 10	3.4	3	
SSC 0810 SL2	8	10	25	M 4	M 4 × 12	4.5	3.75	
SSC 0812 SL2	8	12	28	M 5	M 5 × 16	5.5	4.5	
SSC 0815 SL2	8	15	30	M 6	M 6 × 15	7	6	
SSC 1010 SL2	10	10	30	M 4	M 4 × 12	4.5	3.75	
SSC 1012 SL2	10	12	30	M 5	M 5 × 16	5.5	4.5	
SSC 1015 SL2	10	15	35	M 6	M 6 × 18	7	6	
SSC 1210 SL2	12	10	30	M 4	M 4 × 12	4.5	3.75	
SSC 1212 SL2	12	12	30	M 5	M 5 × 16	5.5	4.5	
SSC 1215 SL2	12	15	35	M 6	M 6 × 18	7	6	
SSC 1310 SL2	13	10	30	M 4	M 4 × 12	4.5	3.75	
SSC 1315 SL2	13	15	35	M 6	M 6 × 18	7	6	
SSC 1510 SL2	15	10	32	M 4	M 4 × 12	4.5	3.75	
SSC 1512 SL2	15	12	35	M 5	M 5 × 16	5.5	4.5	
SSC 1515 SL2	15	15	40	M 6	M 6 × 20	7	6	
SSC 1610 SL2	16	10	35	M 4	M 4 × 12	4.5	3.75	
SSC 1612 SL2	16	12	35	M 5	M 5 × 16	5.5	4.5	
SSC 1615 SL2	16	15	40	M 6	M 6 × 20	7	6	
SSC 2010 SL2	20	10	40	M 4	M 4 × 16	4.5	3.75	
SSC 2012 SL2	20	12	40	M 5	M 5 × 16	5.5	4.5	
SSC 2015 SL2	20	15	45	M 6	M 6 × 20	7	6	
SSC 2512 SL2	25	12	45	M 5	M 5 × 16	5.5	4.5	
SSC 2515 SL2	25	15	50	M 6	M 6 × 25	7	6	
SSC 3015 SL2	30	15	55	M 6	M 6 × 25	7	6	
SSC 3515 SL2	35	15	60	M 6	M 6 × 25	7	6	
SSC 4018 SL2	40	18	70	M 8	M 8 × 30	9	7	
SSC 5022 SL2	50	22	85	M10	M10 × 35	11	9	



Comes with one bolt

m Stainless Steel GB 304

	W	X	Y	Z	Side Hole Φ S	PCD	Ca	Cb	Weight (g)
	1	6	4	6	3.5	13	0.5	0.3	16
	1	6	4	6	3.5	13	0.5	0.3	20
	1.5	8	5	9	4.5	16	0.5	0.5	25
	1.5	8	5	9	4.5	18	0.5	0.5	31
	1.5	8.5	5	10	5.5	18	0.5	0.5	47
	1.5	9.5	5	10	5.5	20	0.5	0.5	68
	1.5	9	5	11	5.5	20	0.5	0.5	44
	1.5	9	5	11	5.5	20	0.5	0.5	52
	1.5	11	6	12.5	6.6	24	0.5	0.5	92
	1.5	10	5	11	5.5	22	0.5	0.5	41
	1.5	10	5	11	5.5	22	0.5	0.5	49
	1.5	11	6	12.5	6.6	24	0.5	0.5	88
	1.5	10	5	11	4.5	22	0.5	0.5	40
	1.5	11	6	12.5	6.6	24	0.5	0.5	86
	1.5	11	6	11	4.5	24	0.5	0.5	44
	1.5	12	6	13	5.5	26	0.5	0.5	65
	1.5	13	8	13	6.6	28	0.5	0.5	112
	1.5	12	6	13	4.5	25	0.5	0.5	53
	1.5	12	6	13	5.5	26	0.5	0.5	63
	1.5	13	8	13	6.6	28	0.5	0.5	109
	1.5	14	7	15	5.5	30	0.5	0.5	65
	1.5	14	7	15	5.5	30	0.5	0.5	78
	1.5	15	8	15	6.6	34	0.5	0.5	132
	1.5	17	7	18	5.5	36	0.5	0.5	91
	1.5	18	10	18	6.6	38	0.5	0.5	152
	1.5	20	10	—	6.6	44	1	0.5	173
	2	23	12	—	6.6	48	1	0.5	193
	2	26	13	—	9	56	1	0.5	321
	3	32	16	—	11	68	1	0.5	562

KANA**KSC-SP Shaft Collars**

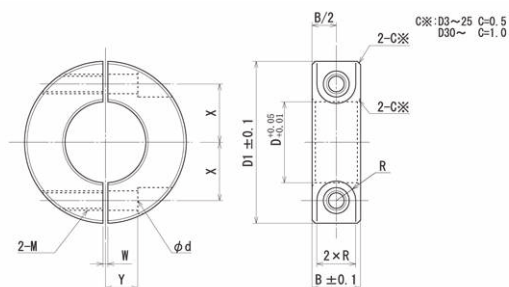
● **Order No. Example**
KSC 4018 SP

Shaft Collar Inner Diameter Total Width Split Type



Effective and accurate mounting can be done with the clamp that is used for positioning and fixing the sprocket and the timing pulley.

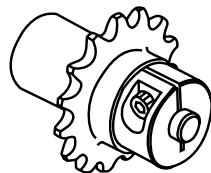
Product Model Number	Inner Diameter ϕD	Total Width $B \pm 0.1$	Outer Diameter $D1$	Bolt Hole M	Bolt M x Length	d	R	W	X	Y	Weight (g)
KSC 0308 SP	3	8	15	M3	M3×8	3.4	3	1	4.5	3	10
KSC 0408 SP	4	8	15	M3	M3×8	3.4	3	1	4.5	3	9
KSC 0508 SP	5	8	20	M3	M3×10	3.4	3	1	5.5	4	17
KSC 0510 SP	5	10	20	M4	M4×10	4.5	3.75	1	6	4	21
KSC 0608 SP	6	8	20	M3	M3×10	3.4	3	1	6	4	16
KSC 0610 SP	6	10	20	M4	M4×10	4.5	3.75	1	6	4	20
KSC 0808 SP	8	8	25	M3	M3×10	3.4	3	1.5	8	5	25
KSC 0810 SP	8	10	25	M4	M4×12	4.5	3.75	1.5	8	5	31
KSC 0812 SP	8	12	28	M5	M5×16	5.5	4.5	1.5	8	5	47
KSC 0815 SP	8	15	30	M6	M6×15	7	6	1.5	9	5	68
KSC 1010 SP	10	10	30	M4	M4×12	4.5	3.75	1.5	9	5	43
KSC 1012 SP	10	12	30	M5	M5×16	5.5	4.5	1.5	9	5	52
KSC 1015 SP	10	15	35	M6	M6×14	7	6	1.5	10	6	91
KSC 1210 SP	12	10	30	M4	M4×12	4.5	3.75	1.5	10	5	41
KSC 1212 SP	12	12	30	M5	M5×16	5.5	4.5	1.5	10	5	49
KSC 1215 SP	12	15	35	M6	M6×18	7	6	1.5	11	6	87
KSC 1310 SP	13	10	30	M4	M4×12	4.5	3.75	1.5	10	5	40
KSC 1315 SP	13	15	35	M6	M6×18	7	6	1.5	11	6	85
KSC 1510 SP	15	10	32	M4	M4×12	4.5	3.75	1.5	11	6	43
KSC 1512 SP	15	12	35	M5	M5×16	5.5	4.5	1.5	12	6	65
KSC 1515 SP	15	15	40	M6	M6×20	7	6	1.5	13	8	111
KSC 1610 SP	16	10	35	M4	M4×12	4.5	3.75	1.5	12	6	52
KSC 1612 SP	16	12	35	M5	M5×16	5.5	4.5	1.5	12	6	63



Comes with two bolts
m Carbon Structural Steel
S Black Oxide Coating

Product Model Number	Inner Diameter ϕD	Total Width $B \pm 0.1$	Outer Diameter $D1$	Bolt Hole M	Bolt $M \times \text{Length}$	d	R	W	X	Y	Weight (g)
KSC 1615 SP	16	15	40	M 6	M 6 $\times$ 20	7	6	1.5	13	8	109
KSC 1715 SP	17	15	40	M 6	M 6 $\times$ 20	7	6	1.5	13	8	106
KSC 1815 SP	18	15	45	M 6	M 6 $\times$ 20	7	6	1.5	15	8	137
KSC 2010 SP	20	10	40	M 4	M 4 $\times$ 16	4.5	3.75	1.5	14	7	65
KSC 2012 SP	20	12	40	M 5	M 5 $\times$ 16	5.5	4.5	1.5	14	7	78
KSC 2015 SP	20	15	45	M 6	M 6 $\times$ 20	7	6	1.5	15	8	131
KSC 2512 SP	25	12	45	M 5	M 5 $\times$ 16	5.5	4.5	1.5	17	7	91
KSC 2515 SP	25	15	50	M 6	M 6 $\times$ 25	7	6	1.5	18	10	151
KSC 3015 SP	30	15	55	M 6	M 6 $\times$ 25	7	6	1.5	20	10	171
KSC 3515 SP	35	15	60	M 6	M 6 $\times$ 25	7	6	2	23	12	191
KSC 4018 SP	40	18	70	M 8	M 8 $\times$ 30	9	7	2	26	13	319
KSC 4518 SP	45	18	75	M 8	M 8 $\times$ 30	9	7	3	28	14	348
KSC 5022 SP	50	22	85	M 10	M 10 $\times$ 35	11	9	3	32	16	558
KSC 5522 SP	55	22	90	M 10	M 10 $\times$ 35	11	9	3	34	18	599
KSC 6022 SP	60	22	95	M 10	M 10 $\times$ 35	11	9	3	37	18	640
KSC 6525 SP	65	25	105	M 12	M 12 $\times$ 40	13	10	5	40	18	911
KSC 7025 SP	70	25	110	M 12	M 12 $\times$ 40	13	10	5	43	18	965
KSC 7525 SP	75	25	115	M 12	M 12 $\times$ 40	13	10	5	45	20	1019
KSC 8032 SP	80	32	130	M 16	M 16 $\times$ 50	18	13	5	50	22	1801
KSC 9032 SP	90	32	140	M 16	M 16 $\times$ 50	18	13	5	55	24	1972
KSC 10036 SP	100	36	150	M 16	M 16 $\times$ 50	18	13	5	60	26	2412
KSC 11036 SP	110	36	170	M 16	M 16 $\times$ 50	18	13	5	70	28	3241
KSC 12036 SP	120	36	180	M 16	M 16 $\times$ 50	18	13	5	75	30	3473

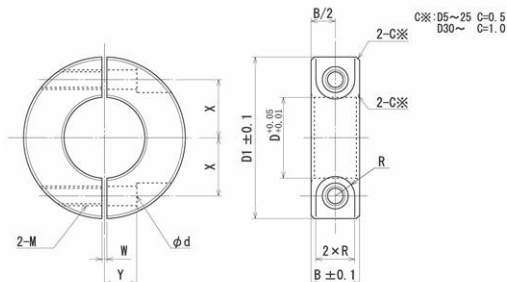
Use Examples



KANA**SSC-SP Stainless Steel Shaft Collar**

● Order No. Example
SSC 4018 SP

Shaft Collar Inner Total Split
 (Stainless Steel) Diameter Width Type

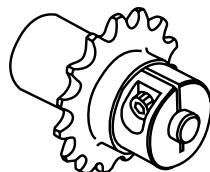


Comes with two bolts

Stainless Steel 304

Product Model Number	Inner Diameter ϕD	Total Width B±0.1	Outer Diameter D1	Bolt Hole M	Bolt M x Length	d	R	W	X	Y	Weight (g)
SSC 0510 SP	5	10	20	M 4	M 4×10	4.5	3.75	1	6	4	21
SSC 0610 SP	6	10	20	M 4	M 4×10	4.5	3.75	1	6	4	20
SSC 0810 SP	8	10	25	M 4	M 4×12	4.5	3.75	1.5	8	5	31
SSC 0815 SP	8	15	30	M 6	M 6×15	7	6	1.5	9	5	68
SSC 1010 SP	10	10	30	M 4	M 4×12	4.5	3.75	1.5	9	5	44
SSC 1015 SP	10	15	35	M 6	M 6×18	7	6	1.5	10	6	92
SSC 1210 SP	12	10	30	M 4	M 4×12	4.5	3.75	1.5	10	5	41
SSC 1215 SP	12	15	35	M 6	M 6×18	7	6	1.5	11	6	88
SSC 1310 SP	13	10	30	M 4	M 4×12	4.5	3.75	1.5	10	5	40
SSC 1315 SP	13	15	35	M 6	M 6×18	7	6	1.5	11	6	86
SSC 1512 SP	15	12	35	M 5	M 5×16	5.5	4.5	1.5	12	6	65
SSC 1515 SP	15	15	40	M 6	M 6×20	7	6	1.5	13	8	112
SSC 1612 SP	16	12	35	M 5	M 5×16	5.5	4.5	1.5	12	6	63
SSC 1615 SP	16	15	40	M 6	M 6×20	7	6	1.5	13	8	35
SSC 2012 SP	20	12	40	M 5	M 5×16	5.5	4.5	1.5	14	7	40
SSC 2015 SP	20	15	45	M 6	M 6×20	7	6	1.5	15	8	132
SSC 2512 SP	25	12	45	M 5	M 5×16	5.5	4.5	1.5	17	7	91
SSC 2515 SP	25	15	50	M 6	M 6×25	7	6	1.5	18	10	152
SSC 3015 SP	30	15	55	M 6	M 6×25	7	6	1.5	20	10	173
SSC 3515 SP	35	15	60	M 6	M 6×25	7	6	2	23	12	193
SSC 4018 SP	40	18	70	M 8	M 8×30	9	7	2	26	13	321
SSC 4518 SP	45	18	75	M 8	M 8×30	9	7	3	28	14	350
SSC 5022 SP	50	22	85	M10	M10×35	11	9	3	32	16	562

Use Examples



KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA**Timing Pulley <XL037-type>**● **Order No. Example****K 20 XL037 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type



CF Type

The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

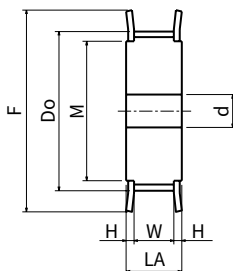
No. of Teeth	Model	Shape	Dp	Do	LA	LB	LC	K	D	d		F	M
										min	max		
10	XL037	CF	16.17	15.66	-	-	23	10	23	4	8	23	12
11		CF	17.79	17.28	-	-	23	10	25	5	9	25	13
12		CF	19.40	18.90	-	-	23	10	25	6	10	25	14
14		CF	22.64	22.13	-	-	23	10	28	6	14	28	18
15		CF	24.25	23.75	-	-	23	10	28	6	14	28	18
16		BF	25.87	25.36	15	23	-	8	17	6	10	31	20
18		BF	29.11	28.60	15	23	-	8	19	6	12	33	22
19		BF	30.72	30.22	15	23	-	8	19	6	12	35	22
20		BF	32.34	31.83	15	23	-	8	22	8	14	38	26
21		BF	33.96	33.45	15	23	-	8	22	8	14	38	26
22		BF	35.57	35.07	15	23	-	8	24	8	16	43	28
24		BF	38.81	38.30	15	23	-	8	27	8	18	44	32
25		BF	40.43	39.92	15	23	-	8	28	8	19	44	32
26		BF	42.04	41.53	15	23	-	8	29	8	20	47	34
28		BF	45.28	44.77	15	23	-	8	30	8	21	48	36
30		BF	48.51	48.00	15	23	-	8	33	10	24	55	39
32		AF,BF	51.74	51.24	15	25	-	10	38	10	26	57	41
34		AF,BF	54.98	54.47	15	25	-	10	38	10	26	61	41
36		AF,BF	58.21	57.70	15	25	-	10	38	10	26	61	41
38		AF,BF	61.45	60.94	15	25	-	10	38	10	26	65	50
40		AF,BF	64.68	64.17	15	25	-	10	38	10	26	69	50
42		AF,BF	67.91	67.41	15	25	-	10	38	10	26	74	53
44		AF,BF	71.15	70.64	15	25	-	10	38	10	26	78	58
46		AF,BF	74.38	73.87	15	25	-	10	38	10	26	83	63

XL037-type

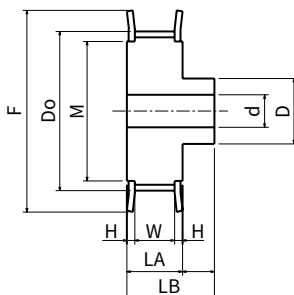
W : 11

H : 2.0

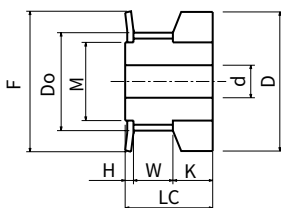
AF Type



BF Type



CF Type

**XL037 (for 9.5mm)**

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			Pulley	Flange
10	XL037	KTF-102312	0.041	
11		KTF-102513	0.048	
12		KTF-102514	0.051	
14		KTF-102818	0.068	
15		KTF-102818	0.072	
16		KTF-103120	0.055	
18		KTF-103322	0.071	
19		KTF-103522	0.078	
20		KTF-103826	0.088	
21		KTF-103826	0.096	
22		KTF-104328	0.108	
24		KTF-104432	0.132	
25		KTF-104432	0.144	
26		KTF-104734	0.157	
28		KTF-104836	0.180	
30		KTF-105539	0.208	
32		KTF-105741	0.216	0.304
34		KTF-106141	0.246	0.335
36		KTF-106141	0.279	0.367
38		KTF-106550	0.313	0.402
40		KTF-106950	0.350	0.438
42		KTF-107453	0.388	0.476
44		KTF-107858	0.428	0.517
46		KTF-168363	0.467	0.555

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Timing Pulley <L050-type>****● Order No. Example****K 20 L050 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type

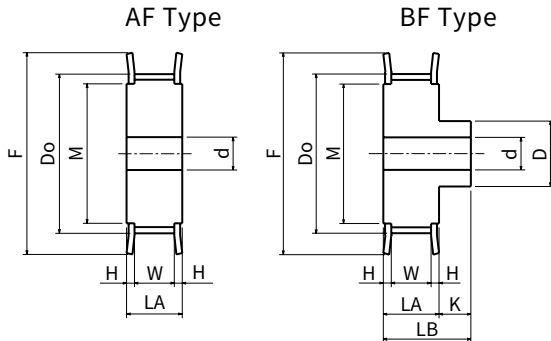
The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
10	L050	AF,BF	30.32	29.56	19	31	12	20	6	14	35	22
12		AF,BF	36.38	35.62	19	31	12	25	8	18	43	28
14		AF,BF	42.45	41.68	19	31	12	30	10	20	47	34
15		AF,BF	45.48	44.72	19	31	12	32	10	20	51	36
16		AF,BF	48.51	47.75	19	31	12	34	12	22	55	39
17		AF,BF	51.54	50.78	19	31	12	35	12	22	57	41
18		AF,BF	54.57	53.81	19	31	12	36	12	24	61	41
19		AF,BF	57.61	56.84	19	31	12	38	12	24	65	50
20		AF,BF	60.64	59.88	19	31	12	40	12	26	65	50
21		AF,BF	63.67	62.91	19	31	12	42	12	26	69	50
22		AF,BF	66.70	65.94	19	31	12	44	12	28	74	53
24		AF,BF	72.77	72.00	19	31	12	44	12	28	78	58
25		AF,BF	75.80	75.04	19	31	12	44	12	28	83	63
26		AF,BF	78.83	78.07	19	31	12	44	12	28	86	66
28		AF,BF	84.89	84.13	19	31	12	50	12	30	93	75
30		AF,BF	90.96	90.20	19	31	12	50	12	30	99	78
32		AF,BF	97.02	96.26	19	34	15	50	16	30	105	84
34		AF,BF	103.08	102.32	19	34	15	56	16	32	112	90
36		AF,BF	109.15	108.39	19	34	15	56	16	32	115	90
38		AF,BF	115.21	114.45	19	34	15	60	16	34	126	100
40		AF,BF	121.28	120.51	19	34	15	60	16	34	126	100
42		AF,BF	127.34	126.58	19	34	15	60	16	34	131	101
44		AF,BF	133.40	132.64	19	39	20	65	16	38	138	125

L050-type

W : 14

H : 2.5



Product Name	 Material
Pulley	Carbon Steel
Flange	Common Steel

L050 (for 12.7mm)

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
10	L050	KTF-103522	0.08	0.14
12		KTF-104328	0.12	0.21
14		KTF-104734	0.17	0.29
15		KTF-165136	0.20	0.34
16		KTF-165539	0.23	0.38
17		KTF-165741	0.26	0.43
18		KTF-166141	0.30	0.47
19		KTF-166550	0.33	0.53
20		KTF-166550	0.37	0.59
21		KTF-166950	0.42	0.66
22		KTF-167453	0.46	0.72
24		KTF-167858	0.55	0.82
25		KTF-168363	0.60	0.87
26		KTF-168666	0.66	0.92
28		KTF-169375	0.77	1.11
30		KTF-169978	0.89	1.23
32		KTF-1610584	1.01	1.38
34		KTF-1611290	1.14	1.62
36		KTF-1611590	1.29	1.77
38		KTF-16126100	1.42	1.97
40		KTF-16126100	1.61	2.16
42		KTF-16131101	1.78	2.33
44		KTF-16138125	1.96	2.73

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Timing Pulley <L075-type>**● **Order No. Example****K 20 L075 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type

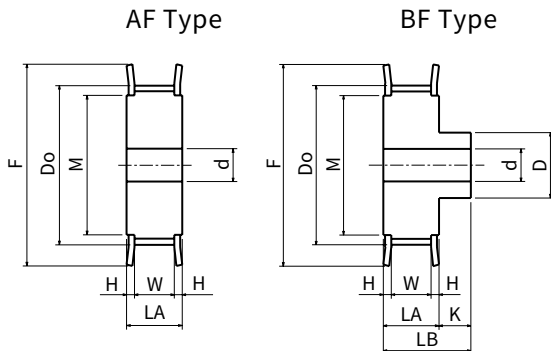
The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
12	L075	AF,BF	36.38	35.62	26	38	12	25	8	18	43	28
14		AF,BF	42.45	41.68	26	38	12	30	10	20	47	34
15		AF,BF	45.48	44.72	26	38	12	32	10	20	51	36
16		AF,BF	48.51	47.75	26	38	12	34	12	22	55	39
17		AF,BF	51.54	50.78	26	38	12	35	12	22	57	41
18		AF,BF	54.57	53.81	26	38	12	36	12	24	61	41
19		AF,BF	57.61	56.84	26	38	12	38	12	24	65	50
20		AF,BF	60.64	59.88	26	38	12	40	12	26	65	50
21		AF,BF	63.67	62.91	26	38	12	42	12	26	69	50
22		AF,BF	66.70	65.94	26	38	12	44	12	28	74	53
24		AF,BF	72.77	72.00	26	38	12	44	12	28	78	58
25		AF,BF	75.80	75.04	26	38	12	44	12	28	83	63
26		AF,BF	78.83	78.07	26	38	12	44	12	28	86	66
28		AF,BF	84.89	84.13	26	38	12	50	12	30	93	75
30		AF,BF	90.96	90.20	26	38	12	50	12	30	99	78
32		AF,BF	97.02	96.26	26	41	15	50	16	30	105	84
34		AF,BF	103.08	102.32	26	41	15	56	16	32	112	90
36		AF,BF	109.15	108.39	26	41	15	56	16	32	115	90
38		AF,BF	115.21	114.45	26	41	15	60	16	34	126	100
40		AF,BF	121.28	120.51	26	41	15	60	16	34	126	100
42		AF,BF	127.34	126.58	26	41	15	60	16	34	131	101
44		AF,BF	133.40	132.64	26	46	20	65	16	38	138	125

L075-type

W : 21

H : 2.5



Product Name	 Material
Pulley	Carbon Steel
Flange	Common Steel

L075 (for 19.0mm)

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
12	L075	KTF-104328	0.17	0.27
14		KTF-104734	0.24	0.38
15		KTF-165136	0.28	0.45
16		KTF-165539	0.31	0.50
17		KTF-165741	0.36	0.56
18		KTF-166141	0.41	0.62
19		KTF-166550	0.46	0.70
20		KTF-166550	0.51	0.78
21		KTF-166950	0.57	0.86
22		KTF-167453	0.63	0.95
24		KTF-167858	0.76	1.08
25		KTF-168363	0.83	1.15
26		KTF-168666	0.90	1.22
28		KTF-169375	1.05	1.47
30		KTF-169978	1.22	1.64
32		KTF-1610584	1.38	1.83
34		KTF-1611290	1.56	2.14
36		KTF-1611590	1.76	2.34
38		KTF-16126100	1.96	2.51
40		KTF-16126100	2.20	2.86
42		KTF-16131101	2.43	3.09
44		KTF-16138125	2.68	3.58

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Timing Pulley <L100-type>**● **Order No. Example****K 20 L100 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type

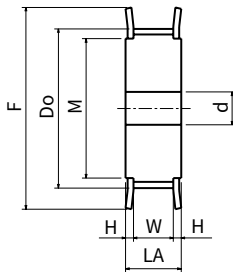
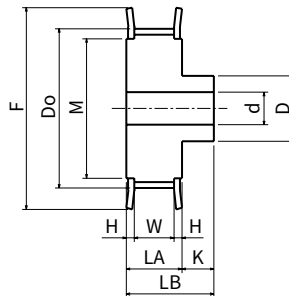
The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
14	L100	AF,BF	42.45	41.68	33	45	12	30	10	20	47	34
15		AF,BF	45.48	44.72	33	45	12	32	10	20	51	36
16		AF,BF	48.51	47.75	33	45	12	34	12	22	55	39
17		AF,BF	51.54	50.78	33	45	12	35	12	22	57	41
18		AF,BF	54.57	53.81	33	45	12	36	12	24	61	41
19		AF,BF	57.61	56.84	33	45	12	38	12	24	65	50
20		AF,BF	60.64	59.88	33	45	12	40	12	26	65	50
21		AF,BF	63.67	62.91	33	45	12	42	12	26	69	50
22		AF,BF	66.70	65.94	33	45	12	44	12	28	74	53
24		AF,BF	72.77	72.00	33	45	12	44	12	28	78	58
25		AF,BF	75.80	75.04	33	45	12	44	12	28	83	63
26		AF,BF	78.83	78.07	33	45	12	44	12	28	86	66
28		AF,BF	84.89	84.13	33	45	12	50	12	30	93	75
30		AF,BF	90.96	90.20	33	45	12	50	12	30	99	78
32		AF,BF	97.02	96.26	33	48	15	50	16	30	105	84
34		AF,BF	103.08	102.32	33	48	15	56	16	32	112	90
36		AF,BF	109.15	108.39	33	48	15	56	16	32	115	90
38		AF,BF	115.21	114.45	33	48	15	60	16	34	126	100
40		AF,BF	121.28	120.51	33	48	15	60	16	34	126	100
42		AF,BF	127.34	126.58	33	48	15	60	16	34	131	101
44		AF,BF	133.40	132.64	33	53	20	65	16	38	138	125

L100-type

W : 28

H : 2.5

AF Type**BF Type**

Product Name	 Material
Pulley	Carbon Steel
Flange	Common Steel

L100 (for 25.4mm)

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
14	L100	KTF-104734	0.30	0.48
15		KTF-165136	0.35	0.56
16		KTF-165539	0.40	0.63
17		KTF-165741	0.45	0.70
18		KTF-166141	0.52	0.78
19		KTF-166550	0.58	0.87
20		KTF-166550	0.65	0.97
21		KTF-166950	0.72	1.08
22		KTF-167453	0.80	1.19
24		KTF-167858	0.96	1.36
25		KTF-168363	1.05	1.44
26		KTF-168666	1.14	1.54
28		KTF-169375	1.33	1.85
30		KTF-169978	1.54	2.06
32		KTF-1610584	1.75	2.29
34		KTF-1611290	1.98	2.67
36		KTF-1611590	2.24	2.93
38		KTF-16126100	2.50	3.05
40		KTF-16126100	2.79	3.58
42		KTF-16131101	3.09	3.88
44		KTF-16138125	3.40	4.46

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Timing Pulley <H100-type>**● **Order No. Example****K 20 H100 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type

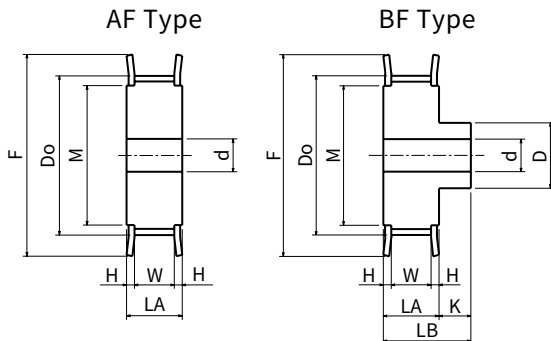
The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
14	H100	AF,BF	56.60	55.22	33	48	15	38	14	26	61	41
15		AF,BF	60.64	59.27	33	48	15	46	16	30	65	50
16		AF,BF	64.68	63.31	33	48	15	46	16	30	69	50
18		AF,BF	72.77	71.39	33	48	15	54	16	36	78	58
19		AF,BF	76.81	75.44	33	48	15	55	16	36	83	63
20		AF,BF	80.85	79.48	33	48	15	56	16	38	86	66
21		AF,BF	84.89	83.52	33	48	15	58	16	38	90	73
22		AF,BF	88.94	87.56	33	48	15	58	16	38	93	75
24		AF,BF	97.02	95.65	33	48	15	62	20	38	105	84
25		AF,BF	101.06	99.69	33	48	15	66	20	40	108	84
26		AF,BF	105.11	103.73	33	48	15	70	20	40	112	90
28		AF,BF	113.19	111.82	33	48	15	74	20	42	118	90
30		AF,BF	121.28	119.90	33	48	15	74	20	42	126	100
32		AF,BF	129.36	127.99	33	53	20	78	20	45	136	118
34		AF,BF	137.45	136.07	33	53	20	82	20	45	146	128
36		AF,BF	145.53	144.16	33	53	20	82	20	48	152	134
38		AF,BF	153.62	152.24	33	53	20	82	20	52	159	141
40		AF,BF	161.70	160.33	33	53	20	88	20	52	168	150

H100-type

W : 28

H : 2.5



Product Name	m Material
Pulley	Carbon Steel
Flange	Common Steel

H100 (for 25.4mm)

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
14	H100	KTF-166141	0.51	0.63
15		KTF-166550	0.59	0.76
16		KTF-166950	0.68	0.85
18		KTF-167858	0.89	1.14
19		KTF-168363	1.01	1.26
20		KTF-168666	1.13	1.40
21		KTF-169073	1.26	1.54
22		KTF-169375	1.39	1.68
24		KTF-1610584	1.65	1.97
25		KTF-1610884	1.81	2.17
26		KTF-1611290	1.97	2.38
28		KTF-1611890	2.31	2.73
30		KTF-16126100	2.68	3.10
32		KTF-16136118	3.08	3.77
34		KTF-16146128	3.50	4.27
36		KTF-16152134	3.95	4.72
38		KTF-16159141	4.46	5.37
40		KTF-16168150	4.92	5.82

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Timing Pulley <H150-type>**● **Order No. Example****K 20 H150 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type

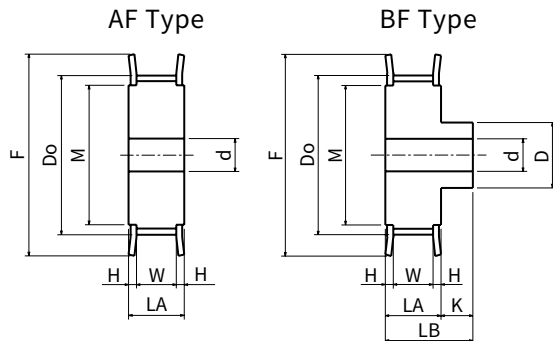
The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
14	H150	AF,BF	56.60	55.22	45	60	15	38	14	26	61	41
15		AF,BF	60.64	59.27	45	60	15	46	16	30	65	50
16		AF,BF	64.68	63.31	45	60	15	46	16	30	69	50
18		AF,BF	72.77	71.39	45	60	15	54	16	36	78	58
19		AF,BF	76.81	75.44	45	60	15	55	16	36	83	63
20		AF,BF	80.85	79.48	45	60	15	56	16	38	86	66
21		AF,BF	84.89	83.52	45	60	15	58	16	38	90	73
22		AF,BF	88.94	87.56	45	60	15	58	16	38	93	75
24		AF,BF	97.02	95.65	45	60	15	62	20	38	105	84
25		AF,BF	101.06	99.69	45	60	15	66	20	40	108	84
26		AF,BF	105.11	103.73	45	60	15	70	20	40	112	90
28		AF,BF	113.19	111.82	45	60	15	74	20	42	118	90
30		AF,BF	121.28	119.90	45	60	15	74	20	42	126	100
32		AF,BF	129.36	127.99	45	65	20	78	20	45	136	118
34		AF,BF	137.45	136.07	45	65	20	82	20	45	146	128
36		AF,BF	145.53	144.16	45	65	20	82	20	48	152	134
38		AF,BF	153.62	152.24	45	65	20	88	20	52	159	141
40		AF,BF	161.70	160.33	45	65	20	88	20	52	168	150

H150-type

W : 40

H : 2.5



Product Name	 Material
Pulley	Carbon Steel
Flange	Common Steel

H150 (for 38.1mm)

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
14	H150	KTF-166141	0.70	0.81
15		KTF-166550	0.80	0.97
16		KTF-166950	0.93	1.10
18		KTF-167858	1.22	1.46
19		KTF-168363	1.28	1.63
20		KTF-168666	1.54	1.81
21		KTF-169073	1.72	2.00
22		KTF-169375	1.90	2.19
24		KTF-1610584	2.26	2.57
25		KTF-1610884	2.47	2.83
26		KTF-1611290	2.69	3.10
28		KTF-1611890	3.15	3.62
30		KTF-16126100	3.66	4.12
32		KTF-16136118	4.20	4.89
34		KTF-16146128	4.77	5.55
36		KTF-16152134	5.38	6.16
38		KTF-16159141	6.13	7.04
40		KTF-16168150	6.71	7.61

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Timing Pulley <H200-type>**● **Order No. Example****K 20 H200 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type

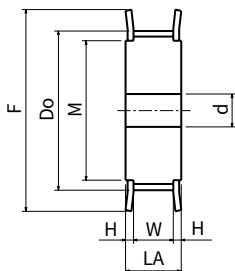
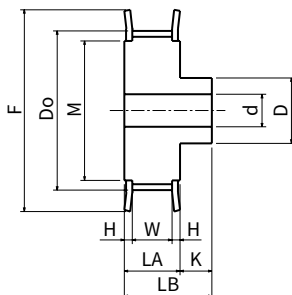
The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
14	H200	AF,BF	56.60	55.22	59	74	15	38	16	26	61	41
15		AF,BF	60.64	59.27	59	74	15	46	16	30	65	50
16		AF,BF	64.68	63.31	59	74	15	46	16	30	69	50
18		AF,BF	72.77	71.39	59	74	15	54	16	36	78	58
19		AF,BF	76.81	75.44	59	74	15	55	16	36	83	63
20		AF,BF	80.85	79.48	59	74	15	60	20	40	86	66
21		AF,BF	84.89	83.52	59	74	15	65	20	42	90	73
22		AF,BF	88.94	87.56	59	74	15	70	20	46	93	75
24		AF,BF	97.02	95.65	59	74	15	74	20	48	105	84
25		AF,BF	101.06	99.69	59	74	15	74	25	50	108	84
26		AF,BF	105.11	103.73	59	74	15	78	25	50	112	90
28		AF,BF	113.19	111.82	59	74	15	78	25	52	118	90
30		AF,BF	121.28	119.90	59	74	15	86	25	54	126	100
32		AF,BF	129.36	127.99	59	79	20	92	25	54	136	118
34		AF,BF	137.45	136.07	59	79	20	98	25	56	146	128
36		AF,BF	145.53	144.16	59	79	20	98	25	58	152	134
38		AF,BF	153.62	152.24	59	79	20	104	30	65	159	141
40		AF,BF	161.70	160.33	59	79	20	104	30	65	168	150

H200-type

W : 54

H : 2.5

AF Type**BF Type**

Product Name	 Material
Pulley	Carbon Steel
Flange	Common Steel

H200 (for 50.8mm)

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
14	H200	KTF-166141	0.89	1.00
15		KTF-166550	1.05	1.22
16		KTF-166950	1.22	1.39
18		KTF-167858	1.60	1.84
19		KTF-168363	1.80	2.06
20		KTF-168666	1.97	2.26
21		KTF-169073	2.20	2.55
22		KTF-169375	2.44	2.85
24		KTF-1610584	2.96	3.42
25		KTF-1610884	3.15	3.60
26		KTF-1611290	3.44	3.94
28		KTF-1611890	4.05	4.56
30		KTF-16126100	4.71	5.34
32		KTF-16136118	5.42	6.38
34		KTF-16146128	6.17	7.27
36		KTF-16152134	6.98	8.08
38		KTF-16159141	7.31	9.04
40		KTF-16168150	8.62	9.84

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Super Torque Timing Pulley <S5M100-type>**● **Order No. Example****K 20 S5M100 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type

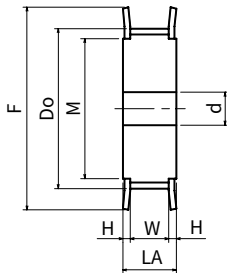
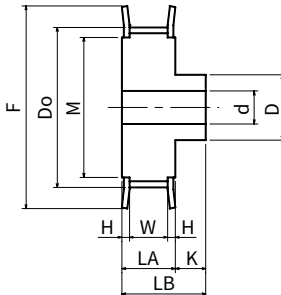
The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
14	S5M100	AF,BF	22.28	21.32	16	28	12	14	7	8	26	16
15		AF,BF	23.87	22.91	16	28	12	15	7	8	28	18
16		AF,BF	25.46	24.50	16	28	12	17	7	10	31	20
18		AF,BF	28.65	27.69	16	28	12	19	7	12	33	22
20		AF,BF	31.83	30.87	16	28	12	19	7	12	35	22
22		AF,BF	35.01	34.05	16	28	12	25	7	18	40	28
24		AF,BF	38.20	37.24	16	28	12	29	7	21	44	32
25		AF,BF	39.79	38.83	16	28	12	29	7	21	44	32
26		AF,BF	41.38	40.42	16	28	12	31	8	22	47	34
28		AF,BF	44.56	43.60	16	28	12	33	8	24	48	36
30		AF,BF	47.75	46.79	16	28	12	33	10	24	51	36
32		AF,BF	50.93	49.97	16	28	12	38	10	28	54	41
36		AF,BF	57.30	56.34	16	28	12	38	10	28	61	41
40		AF,BF	63.66	62.70	16	28	12	47	10	34	69	50
44		AF,BF	70.03	69.07	16	28	12	50	12	38	74	53
48		AF,BF	76.39	75.43	16	28	12	60	12	43	83	63
50		AF,BF	79.58	78.62	16	28	12	63	12	45	86	66
60		AF,BF	95.49	94.53	16	28	12	75	12	54	99	78

S5M100-type

W : 11

H : 2.5

AF Type**BF Type****S5M (for 10mm)**

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
14	S5M100	KTF-102616	0.037	0.047
15		KTF-102818	0.044	0.058
16		KTF-103120	0.052	0.071
18		KTF-103322	0.066	0.090
20		KTF-103522	0.079	0.104
22		KTF-104028	0.101	0.145
24		KTF-104432	0.125	0.184
25		KTF-104432	0.132	0.192
26		KTF-104734	0.144	0.210
28		KTF-104836	0.165	0.241
30		KTF-165136	0.193	0.266
32		KTF-165441	0.224	0.323
36		KTF-166141	0.284	0.384
40		KTF-166950	0.364	0.520
44		KTF-167453	0.432	0.607
48		KTF-168363	0.534	0.789
50		KTF-168666	0.581	0.864
60		KTF-169978	0.830	1.236

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Super Torque Timing Pulley <S5M150-type>**

● **Order No. Example**
K 20 S5M150 BF

STYLE No. of Teeth Model Shape



AF Type



BF Type

The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

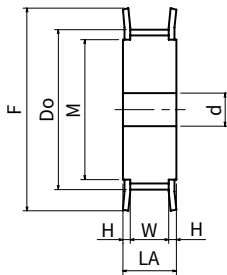
No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
14	S5M150	AF,BF	22.28	21.32	22	34	12	14	7	8	26	16
15		AF,BF	23.87	22.91	22	34	12	15	7	8	28	18
16		AF,BF	25.46	24.50	22	34	12	17	7	10	31	20
18		AF,BF	28.65	27.69	22	34	12	19	7	12	33	22
20		AF,BF	31.83	30.87	22	34	12	19	7	12	35	22
22		AF,BF	35.01	34.05	22	34	12	25	7	18	40	28
24		AF,BF	38.20	37.24	22	34	12	29	7	21	44	32
25		AF,BF	39.79	38.83	22	34	12	29	7	21	44	32
26		AF,BF	41.38	40.42	22	34	12	31	8	22	47	34
28		AF,BF	44.56	43.60	22	34	12	33	8	24	48	36
30		AF,BF	47.75	46.79	22	34	12	33	10	24	51	36
32		AF,BF	50.93	49.97	22	34	12	38	10	28	54	41
36		AF,BF	57.30	56.34	22	34	12	38	10	28	61	41
40		AF,BF	63.66	62.70	22	34	12	47	10	34	69	50
44		AF,BF	70.03	69.07	22	34	12	50	12	38	74	53
48		AF,BF	76.39	75.43	22	34	12	60	12	43	83	63
50		AF,BF	79.58	78.62	22	34	12	63	12	45	86	66
60		AF,BF	95.49	94.53	22	34	12	75	12	54	99	78

S5M150-type

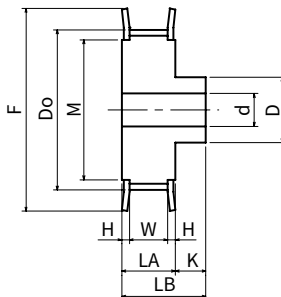
W : 17

H : 2.5

AF Type



BF Type



Product Name	 Material
Pulley	Carbon Steel
Flange	Common Steel

S5M (for 15mm)

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
14	S5M150	KTF-102616	0.050	0.060
15		KTF-102818	0.059	0.074
16		KTF-103120	0.070	0.090
18		KTF-103322	0.089	0.114
20		KTF-103522	0.109	0.134
22		KTF-104028	0.139	0.182
24		KTF-104432	0.170	0.229
25		KTF-104432	0.182	0.241
26		KTF-104734	0.197	0.263
28		KTF-104836	0.227	0.303
30		KTF-165136	0.265	0.338
32		KTF-165441	0.306	0.406
36		KTF-166141	0.391	0.490
40		KTF-166950	0.497	0.653
44		KTF-167453	0.594	0.769
48		KTF-168363	0.729	0.985
50		KTF-168666	0.794	1.077
60		KTF-169978	1.143	1.549

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Super Torque Timing Pulley <S5M250-type>**● **Order No. Example****K 20 S5M250 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type

The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

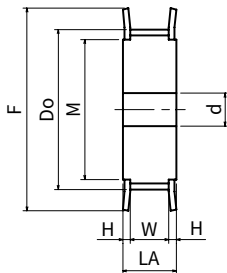
No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
14	S5M250	AF,BF	22.28	21.32	32	44	12	14	7	8	26	16
15		AF,BF	23.87	22.91	32	44	12	15	7	8	28	18
16		AF,BF	25.46	24.50	32	44	12	17	7	10	31	20
18		AF,BF	28.65	27.69	32	44	12	19	7	12	33	22
20		AF,BF	31.83	30.87	32	44	12	19	7	12	35	22
22		AF,BF	35.01	34.05	32	44	12	25	7	18	40	28
24		AF,BF	38.20	37.24	32	44	12	29	7	21	44	32
25		AF,BF	39.79	38.83	32	44	12	29	8	21	44	32
26		AF,BF	41.38	40.42	32	44	12	31	8	22	47	34
28		AF,BF	44.56	43.60	32	44	12	33	8	24	48	36
30		AF,BF	47.75	46.79	32	44	12	33	10	24	51	36
32		AF,BF	50.93	49.97	32	44	12	38	10	28	54	41
36		AF,BF	57.30	56.34	32	44	12	38	10	28	61	41
40		AF,BF	63.66	62.70	32	44	12	47	10	34	69	50
44		AF,BF	70.03	69.07	32	44	12	50	12	38	74	53
48		AF,BF	76.39	75.43	32	44	12	60	12	43	83	63
50		AF,BF	79.58	78.62	32	44	12	63	12	45	86	66
60		AF,BF	95.49	94.53	32	44	12	75	12	54	99	78

S5M250-type

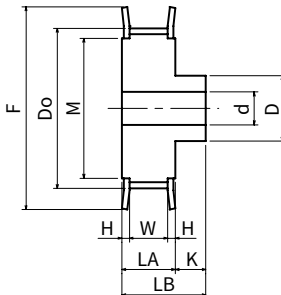
W : 27

H : 2.5

AF Type



BF Type

**S5M (for 25mm)**

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
14	S5M250	KTF-102616	0.072	0.082
15		KTF-102818	0.085	0.100
16		KTF-103120	0.100	0.120
18		KTF-103322	0.129	0.154
20		KTF-103522	0.160	0.185
22		KTF-104028	0.201	0.244
24		KTF-104432	0.245	0.305
25		KTF-104432	0.264	0.324
26		KTF-104734	0.285	0.351
28		KTF-104836	0.331	0.407
30		KTF-165136	0.383	0.457
32		KTF-165441	0.443	0.543
36		KTF-166141	0.568	0.667
40		KTF-166950	0.720	0.876
44		KTF-167453	0.865	1.039
48		KTF-168363	1.055	1.310
50		KTF-168666	1.149	1.432
60		KTF-169978	1.665	2.070

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Super Torque Timing Pulley <S8M150-type>**

● Order No. Example

K 20 S8M150 BF

STYLE No. of Teeth Model Shape



AF Type



BF Type

The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

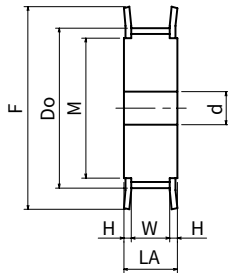
No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
18	S8M150	AF,BF	45.84	44.46	24	39	15	32	12	20	54	36
19		AF,BF	48.38	47.01	24	39	15	35	12	22	57	39
20		AF,BF	50.93	49.56	24	39	15	36	12	22	60	40
21		AF,BF	53.48	52.10	24	39	15	40	12	24	62	44
22		AF,BF	56.02	54.65	24	39	15	41	12	25	65	45
24		AF,BF	61.12	59.74	24	39	15	46	12	28	70	50
25		AF,BF	63.66	62.29	24	39	15	48	16	29	72	52
26		AF,BF	66.21	64.84	24	39	15	51	16	30	75	55
28		AF,BF	71.30	69.93	24	39	15	55	16	34	80	60
30		AF,BF	76.39	75.02	24	39	15	60	16	36	85	65
32		AF,BF	81.49	80.12	24	39	15	65	16	38	90	70
34		AF,BF	86.58	85.21	24	39	15	70	16	42	95	75
36		AF,BF	91.67	90.30	24	39	15	75	16	45	100	80
38		AF,BF	96.77	95.39	24	39	15	80	20	48	105	85
40		AF,BF	101.86	100.49	24	39	15	85	20	50	110	90
44	S8M150	AF,BF	112.05	110.67	24	44	20	90	20	56	121	101
48		AF,BF	122.23	120.86	24	44	20	100	20	62	131	111
50		AF,BF	127.32	125.95	24	44	20	100	20	62	136	116
60		AF,BF	152.79	151.42	24	44	20	100	20	62	161	141

S8M150-type

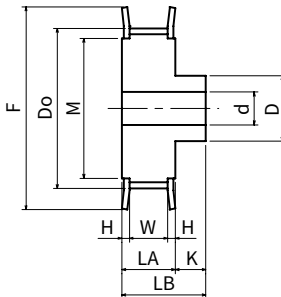
W : 17

H : 3.5

AF Type



BF Type

**S8M (for 15mm)**

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
18	S8M150	KTF-235436	0.23	0.32
19		KTF-235739	0.26	0.37
20		KTF-236040	0.29	0.41
21		KTF-236244	0.33	0.48
22		KTF-236545	0.37	0.52
24		KTF-237050	0.45	0.65
25		KTF-237252	0.49	0.68
26		KTF-237555	0.52	0.76
28		KTF-238060	0.61	0.89
30		KTF-238565	0.72	1.05
32		KTF-239070	0.83	1.22
34		KTF-239575	0.95	1.40
36		KTF-2310080	1.08	1.60
38		KTF-2310585	1.21	1.77
40		KTF-2311090	1.32	1.99
44		KTF-23121101	1.62	2.62
48		KTF-23131111	1.96	3.20
50		KTF-23136116	2.15	3.38
60		KTF-23161141	3.17	4.40

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA**Super Torque Timing Pulley <S8M250-type>**● **Order No. Example****K 20 S8M250 BF**

STYLE No. of Teeth Model Shape



AF Type



BF Type

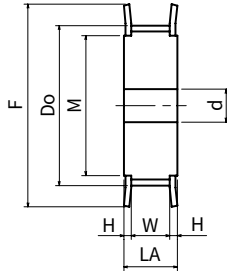
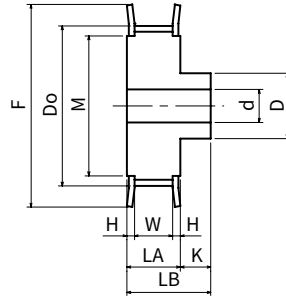
The KANA Timing Pulley achieves clean transmission thanks to its low noise that comes by way of its excellent timing transmission performance.

No. of Teeth	Model	Shape	Dp	Do	LA	LB	K	D	d		F	M
									min	max		
18	S8M250	AF,BF	45.84	44.46	35	50	15	32	12	20	54	36
19		AF,BF	48.38	47.01	35	50	15	35	12	22	57	39
20		AF,BF	50.93	49.56	35	50	15	36	12	22	60	40
21		AF,BF	53.48	52.10	35	50	15	40	12	24	62	44
22		AF,BF	56.02	54.65	35	50	15	41	12	25	65	45
24		AF,BF	61.12	59.74	35	50	15	46	12	28	70	50
25		AF,BF	63.66	62.29	35	50	15	48	16	29	72	52
26		AF,BF	66.21	64.84	35	50	15	51	16	30	75	55
28		AF,BF	71.30	69.93	35	50	15	55	16	34	80	60
30		AF,BF	76.39	75.02	35	50	15	60	16	36	85	65
32		AF,BF	81.49	80.12	35	50	15	65	16	38	90	70
34		AF,BF	86.58	85.21	35	50	15	70	16	42	95	75
36		AF,BF	91.67	90.30	35	50	15	75	16	45	100	80
38		AF,BF	96.77	95.39	35	50	15	80	20	48	105	85
40		AF,BF	101.86	100.49	35	50	15	85	20	50	110	90
44	S8M250	AF,BF	112.05	110.67	35	55	20	90	20	56	121	101
48		AF,BF	122.23	120.86	35	55	20	100	20	62	131	111
50		AF,BF	127.32	125.95	35	55	20	100	20	62	136	116
50		AF,BF	127.32	125.95	35	55	20	100	20	62	136	116
60		AF,BF	152.79	151.42	35	55	20	100	20	62	161	141

S8M250-type

W : 28

H : 3.5

AF Type**BF Type**

Product Name	 Material
Pulley	Carbon Steel
Flange	Common Steel

S8M (for 25mm)

No. of Teeth	Model	Compatible Flanges	Pulley Approx. Weight (kg)	
			AF	BF
18	S8M250	KTF-235436	0.34	0.43
19		KTF-235739	0.38	0.50
20		KTF-236040	0.43	0.55
21		KTF-236244	0.49	0.64
22		KTF-236545	0.54	0.70
24		KTF-237050	0.66	0.86
25		KTF-237252	0.71	0.90
26		KTF-237555	0.76	1.00
28		KTF-238060	0.90	1.18
30		KTF-238565	1.06	1.39
32		KTF-239070	1.22	1.61
34		KTF-239575	1.40	1.85
36		KTF-2310080	1.58	2.10
38		KTF-2310585	1.77	2.33
40		KTF-2311090	1.95	2.62
44		KTF-23121101	2.39	3.39
48		KTF-23131111	2.88	4.12
50		KTF-23136116	3.15	4.38
60		KTF-23161141	4.64	5.88

* The pilot hole diameter is finished at the minimum diameter H7.
Comes with a flange.

KANA

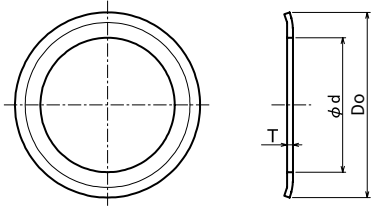
Timing Pulley Flange <KTF>

● Order No. Example

KTF103826

Flange Thickness Outer Inner

(Iron) Diameter Diameter



m

SPCC Steel

Product Model Number	Outer Diameter Do	φd	T	Pulley No. and No. of Teeth				
				XL	L	S5M	T5	T10
KTF 102312	23	12	1.0	10			11,12	
KTF 102313	23	13		11			13	
KTF 102513	25	13		12,13			14	
KTF 102514	25	14					13	
KTF 102616	26	16				14	14	
KTF 102818	28	18		14,15		15	15,16	
KTF 103120	31	20		16		16	17,18	
KTF 103322	33	22		17,18		18	19	
KTF 103522	35	22		19	10	20	20	10
KTF 103826	38	26		20,21	11		21	11
KTF 104028	40	28				22	22,23	
KTF 104328	43	28		22,23	12		24,25	12
KTF 104432	44	32		24,25	13	24		13
KTF 104734	47	34		26	14	26	26,27	14
KTF 104836	48	36		27,28		28	28	
KTF 105136	51	36		29			29,30	
KTF 105441	54	41					31,32	
KTF 105539	55	39		30				
KTF 105741	57	41		31,32,33			33	
KTF 106141	61	41		34,35,36			34,35,36	
KTF 106550	65	50		37,38			37,38	
KTF 106950	69	50		39,40			39,40,41	
KTF 107453	74	53		41,42,43			42,43,44	
KTF 107858	78	58		44,45			45,46,47	

* For the Timing Belt transmission, the belt is offset in one direction or the other during rotation. A Pulley Flange installation is recommended during the design phase.

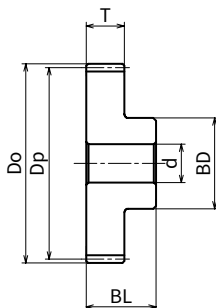
Product Model Number	Outer Diameter Do	φd	T	Pulley No. and No. of Teeth							
				XL	L	H	S5M	S8M	T5	T10	
KTF 165136	51	36	1.6		15		30			15	
KTF 165441	54	41					32				
KTF 165539	55	39				16					
KTF 165741	57	41				17				16	
KTF 166141	61	41				18	14	34,36		17,18	
KTF 166550	65	50			19,20	15				19	
KTF 166950	69	50			21	16	40			20	
KTF 167453	74	53			22,23	17	44			21,22	
KTF 167858	78	58			24	18				23	
KTF 168363	83	63			46,47	25	19	48	48,49,50	24	
KTF 168666	86	66			48,49,50	26,27	20	50	51,52	25,26	
KTF 169073	90	73			51,52		21		53,54	27	
KTF 169375	93	75			53,54,55	28,29	22		55,56	28	
KTF 169978	99	78			56,57,58,59	30,31	23	60	57,58,59,60	29,30	
KTF 1610584	105	84			60,61,62,63	32	24		61,62,63	31,32	
KTF 1610884	108	84				33	25		64,65		
KTF 1611290	112	90				64,65	34,35	26		66,67	33,34
KTF 1611590	115	90				66,67,68	36	27		68,69,70	35
KTF 1611890	118	90				69,70,71	37	28		71,72	36
KTF 16126100	126	100				72,73,74,75	38,39,40	29,30		73,74,75,76,77	37,38
KTF 161311101	131	101				76,77,78,79	41,42	31	78,79,80	39,40	
KTF 16136118	136	118				80	43	32		81,82,83	41
KTF 16138125	138	125				81,82,83	44	33		84,85	42
KTF 16146128	146	128				84,85,86,87	45,46	34,35		86,87,88,89	43,44
KTF 16152134	152	134				88,89,90,91	47,48	36		90,91,92	45,46
KTF 16159141	159	141				49,50	38			47,48	
KTF 16168150	168	150					40				
KTF 235436	54	36							18		
KTF 235739	57	39							19		
KTF 236040	60	40							20		
KTF 236244	62	44		21							
KTF 236545	65	45		22							
KTF 237050	70	50					24				
KTF 237252	72	52					25				
KTF 237555	75	55					26				
KTF 238060	80	60					28				
KTF 238565	85	65					30				
KTF 239070	90	70					32				
KTF 239575	95	75					34				
KTF 2310080	100	80					36				
KTF 2310585	105	85									
KTF 2311090	110	90					40				
KTF 23121101	121	101					44				
KTF 23131111	131	111					48				
KTF 23136101	136	101									
KTF 23136116	136	116					50				
KTF 23144111	144	111									
KTF 23152121	152	121									
KTF 23161131	161	131									
KTF 23161141	161	141									
KTF 23190161	190	161									
KTF 23200164	200	164									
KTF 23208173	208	173									
KTF 23224190	224	190									
KTF 23235200	235	200									
KTF 23260224	260	224									

KANA**SCMMT Tempered Spur Gears**

● Order No. Example

SCMMT1.5B20

Module No. of Teeth



H1 Shape

i	Precision Degree	JIS Class N8
	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Alloy Steel
h	Heat Treatment	Only Tempering
	Tooth Surface Hardness	HB230~352
s	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter d _{H7}	Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
SCMMT 1.5 B 20	1.5	20	33	30	8	24	15	29	H1	0.12
SCMMT 1.5 B 25		25	40.5	37.5	8	30				0.20
SCMMT 1.5 B 30		30	48	45	10	38				0.29
SCMMT 2 B 20	2	20	44	40	12	32	20	36	H1	0.27
SCMMT 2 B 25		25	54	50	12	40				0.43
SCMMT 2 B 30		30	64	60	12	50				0.66
SCMMT 2.5 B 20	2.5	20	55	50	15	40	25	43	H1	0.50
SCMMT 2.5 B 25		25	67.5	62.5	15	50				0.82
SCMMT 2.5 B 30		30	80	75	15	65				1.3
SCMMT 3 B 20	3	20	66	60	15	50	30	50	H1	0.91
SCMMT 3 B 25		25	81	75	20	60				1.4
SCMMT 3 B 30		30	96	90	20	75				2.1
SCMMT 4 B 20	4	20	88	80	20	65	40	65	H1	2.1
SCMMT 4 B 25		25	108	100	20	80				3.3
SCMMT 4 B 30		30	128	120	20	90				4.6
SCMMT 5 B 20	5	20	110	100	22	82	50	75	H1	3.9
SCMMT 5 B 25		25	135	125	25	105				6.2
SCMMT 5 B 30		30	160	150	25	120				8.9

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

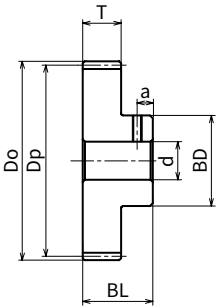
KANA

M Spur Gears

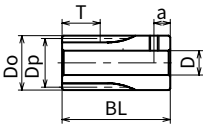
● Order No. Example

M0.5B20A

Module No. of Teeth Finished Product Mode



H1T Shape



H3T Shape

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter D _{H7(H8)}	Boss Diameter BD	Tooth Width T	Boss Length BL	Shape		
M 0.5 B 15A	0.5	15	8.5	7.5	3 _{H8}	8.5	5	16	H3T		
M 0.5 B 18A		18	10	9	4 _{H8}	10					
M 0.5 B 20A		20	11	10	3 _{H8}	11					
M 0.5 B 20B		20	11	10	4 _{H8}	11					
M 0.5 B 22A		22	12	11	4 _{H8}	12					
M 0.5 B 24A		24	13	12	4 _{H8}	13	5	16	H3T		
M 0.5 B 24B		24	13	12	5 _{H8}	13					
M 0.5 B 25B		25	13.5	12.5	5 _{H8}	13.5					
M 0.5 B 28A		28	15	14	4 _{H8}	12		12	H1T		
M 0.5 B 30B		30	16	15	5	13					
M 0.5 B 50B		50	26	25	6	22	5	12	H1T		
M 0.5 B 54A		54	28	27	5	25					
M 0.5 B 60A		60	31	30	6	28					
M 0.5 B 80A		80	41	40	6	28					
M 0.5 B 80B		80	41	40	8	28					
M 0.5 B 96A		96	49	48	8	28	5	12	H1T		
M 0.5 B 120A		120	61	60	8	28					
M 0.8 B 15A	0.8	15	13.6	12	5 _{H8}	13.6	8	22	H3T		
M 0.8 B 20A		20	17.6	16	5 _{H8}	13					
M 0.8 B 20B		20	17.6	16	6	13		16	H1T		
M 0.8 B 25A		25	21.6	20	5 _{H8}	16					
M 0.8 B 28A		28	24	22.4	6	18					
M 0.8 B 30A		30	25.6	24	5 _{H8}	20	8	16	H1T		
M 0.8 B 30C		30	25.6	24	8	20					
M 0.8 B 40A		40	33.6	32	6	28					
M 0.8 B 45A		45	37.6	36	6	28					

	Precision Degree	JIS Class N8*
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

* Products with module ≤ 0.8 are "equivalent" to those with the indicated precision degree.

	Weight (kg)	Keyway Width × Depth	Screw Hole		Product Model Number
			Specification	a	
	0.01	—	M3	2.5	M 0.5 B 15A
	0.01		M3	2.5	M 0.5 B 18A
	0.01		M3	2.5	M 0.5 B 20A
	0.01		M3	2.5	M 0.5 B 20B
	0.01		M3	2.5	M 0.5 B 22A
	0.01	—	M3	2.5	M 0.5 B 24A
	0.01		M4	3	M 0.5 B 24B
	0.01		M4	3	M 0.5 B 25B
	0.01		M3	3.5	M 0.5 B 28A
	0.01		M4	3.5	M 0.5 B 30B
	0.04	—	M4	3.5	M 0.5 B 50B
	0.05		M4	3.5	M 0.5 B 54A
	0.06		M4	3.5	M 0.5 B 60A
	0.08		M4	3.5	M 0.5 B 80A
	0.08		M5	3.5	M 0.5 B 80B
	0.10	—	M5	3.5	M 0.5 B 96A
	0.14		M5	3.5	M 0.5 B 120A
	0.02	—	M4	3.5	M 0.8 B 15A
	0.02		M4	4	M 0.8 B 20A
	0.02		M4	4	M 0.8 B 20B
	0.03		M4	4	M 0.8 B 25A
	0.04		M4	4	M 0.8 B 28A
	0.05	—	M4	4	M 0.8 B 30A
	0.04		M5	4	M 0.8 B 30C
	0.09		M4	4	M 0.8 B 40A
	0.10		M4	4	M 0.8 B 45A

KANA

M Spur Gears

● Order No. Example

M1B15

Module No. of Teeth



H1 Shape

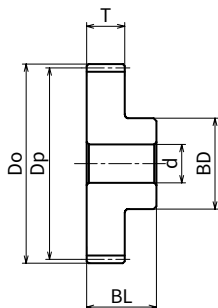


H3 Shape

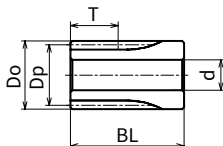
	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 1

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter D _{H7}		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole d _{H7} (Minimum)	Maximum					
M 1 B 15	15	17	15	8	8	17	10	30	H3	0.03
M 1 B 16	16	18	16	8	8	18				0.04
M 1 B 17	17	19	17	8	8	19				0.05
M 1 B 18	18	20	18	8	8	20				0.05
M 1 B 19	19	21	19	8	10	21				0.06
M 1 B 20	20	22	20	8	8	16	10	20	H1	0.03
M 1 B 21	21	23	21	8	8	17				0.03
M 1 B 22	22	24	22	8	8	18				0.04
M 1 B 23	23	25	23	8	8	18				0.04
M 1 B 24	24	26	24	8	10	20				0.05
M 1 B 25	25	27	25	8	10	20	10	20	H1	0.05
M 1 B 26	26	28	26	8	10	22				0.06
M 1 B 27	27	29	27	8	10	22				0.06
M 1 B 28	28	30	28	8	10	22				0.07
M 1 B 29	29	31	29	8	12	24				0.08
M 1 B 30	30	32	30	10	12	25	10	20	H1	0.08
M 1 B 32	32	34	32	10	12	26				0.10
M 1 B 34	34	36	34	10	12	26				0.11
M 1 B 35	35	37	35	10	12	26				0.11
M 1 B 36	36	38	36	10	15	28				0.12
M 1 B 38	38	40	38	10	16	32	10	20	H1	0.14
M 1 B 40	40	42	40	10	18	35				0.16
M 1 B 42	42	44	42	10	18	35				0.17
M 1 B 44	44	46	44	10	18	35				0.18
M 1 B 45	45	47	45	10	18	35				0.18
M 1 B 46	46	48	46	10	18	35	10	20	H1	0.19
M 1 B 48	48	50	48	10	18	35				0.20
M 1 B 50	50	52	50	10	18	35				0.22
M 1 B 52	52	54	52	10	18	35				0.23
M 1 B 54	54	56	54	10	18	35				0.24



H1 Shape



H3 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 1

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole dH7 (Minimum)	Maximum					
M 1 B 55	55	57	55	10	18	35				0.25
M 1 B 56	56	58	56	10	18	35				0.26
M 1 B 58	58	60	58	10	18	35	10	20	H1	0.27
M 1 B 60	60	62	60	10	18	35				0.29
M 1 B 62	62	64	62	10	22	40				0.32
M 1 B 64	64	66	64	10	22	40				0.34
M 1 B 65	65	67	65	10	22	40				0.35
M 1 B 66	66	68	66	10	22	40	10	20	H1	0.35
M 1 B 68	68	70	68	10	22	40				0.37
M 1 B 70	70	72	70	10	22	40				0.39
M 1 B 72	72	74	72	10	22	40				0.41
M 1 B 75	75	77	75	10	22	40				0.43
M 1 B 76	76	78	76	10	22	40	10	20	H1	0.44
M 1 B 80	80	82	80	10	22	40				0.48
M 1 B 84	84	86	84	10	22	40				0.52
M 1 B 85	85	87	85	10	22	40				0.53
M 1 B 88	88	90	88	10	22	40				0.56
M 1 B 90	90	92	90	10	22	40	10	20	H1	0.59
M 1 B 95	95	97	95	10	22	40				0.64
M 1 B 96	96	98	96	10	22	40				0.65
M 1 B 100	100	102	100	10	22	40				0.70
M 1 B 110	110	112	110	15	28	50				0.87
M 1 B 120	120	122	120	15	28	50	10	20	H1	1.0
M 1 B 150	150	152	150	20	65	120				2.2
M 1 B 200	200	202	200	20	65	160				4.0

KANA

M Spur Gears

● Order No. Example

M1B20A

Module No. of Teeth Finished Product Mode



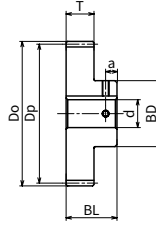
H1K Shape



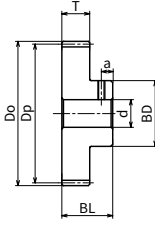
H1T Shape



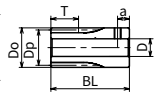
H3T shape



H1K Shape



H1T Shape



H3T Shape

Module (m): 1

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter D _o	Reference Circle Diameter D _p	Hole Diameter D _{H7}	Boss Diameter B _D	Tooth Width T	Boss Length B _L	Shape	Weight (kg)			
M 1 B 15A	15	17	15	5	17	10	30	H3T	0.04			
M 1 B 15B	15	17	15	6	17				0.04			
M 1 B 16B	16	18	16	6	18		20	H1T	0.05			
M 1 B 20A	20	22	20	5	16				0.04			
M 1 B 20B	20	22	20	6	16	10	20	H1T	0.04			
M 1 B 20C	20	22	20	8	16				0.03			
M 1 B 24A	24	26	24	6	20					20	H1T	0.06
M 1 B 24C	24	26	24	10	20							H1K	0.05
M 1 B 25B	25	27	25	8	20		H1T	0.05				
M 1 B 25C	25	27	25	10	20			H1K	0.05			
M 1 B 30A	30	32	30	6	25		10	20	H1T	0.09		
M 1 B 30B	30	32	30	8	25					0.09		
M 1 B 32A	32	34	32	8	26	0.10						
M 1 B 40B	40	42	40	10	35						H1K	0.16
M 1 B 45A	45	47	45	8	35			H1T	0.19			
M 1 B 45B	45	47	45	10	35				10	20	H1K	0.19
M 1 B 50A	50	52	50	8	35	H1T	0.22					
M 1 B 60C	60	62	60	15	35		H1K	0.27				

i	Precision Degree	JIS Class N8
	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

	Keyway Width × Depth	Screw Hole		Product Model Number
		Specification	a	
—	—	M4	4	M 1 B 15A
		M4	4	M 1 B 15B
		M4	4	M 1 B 16B
		M4	5	M 1 B 20A
		M4	5	M 1 B 20B
— 4×1.8 — 4×1.8	—	M5	5	M 1 B 20C
		M4	5	M 1 B 24A
	—	M4	5	M 1 B 24C
		M5	5	M 1 B 25B
		M4	5	M 1 B 25C
— 4×1.8 — 4×1.8 — 5×2.3	—	M4	5	M 1 B 30A
		M5	5	M 1 B 30B
		M5	5	M 1 B 32A
	4×1.8	M4	5	M 1 B 40B
		M5	5	M 1 B 45A
4×1.8 — 5×2.3	4×1.8	M4	5	M 1 B 45B
	—	M5	5	M 1 B 50A
	5×2.3	M4	5	M 1 B 60C

KANA

M Spur Gears

● Order No. Example

M1.5B20

Module No. of Teeth



H1 Shape



H2 Shape

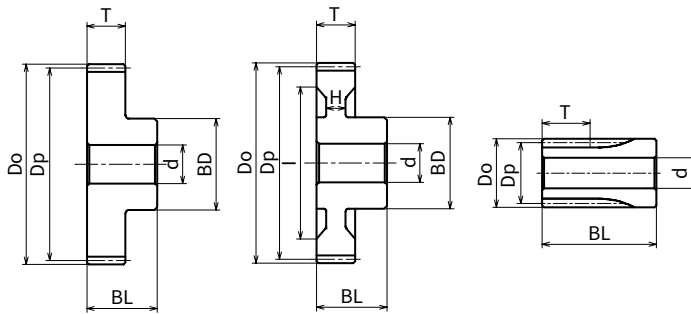


H3 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 1.5

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole dH7 (Minimum)	Maximum					
M 1.5 B 12	12	21	18	8	8	21				0.05
M 1.5 B 13	13	22.5	19.5	8	8	22.5	15	30	H3	0.07
M 1.5 B 14	14	24	21	8	8	16				0.06
M 1.5 B 15	15	25.5	22.5	8	8	18				0.06
M 1.5 B 16	16	27	24	8	8	20	15	25	H1	0.07
M 1.5 B 17	17	28.5	25.50	8	10	21				0.09
M 1.5 B 18	18	30	27	8	10	22				0.09
M 1.5 B 19	19	31.5	28.5	8	10	23				0.11
M 1.5 B 20	20	33	30	8	12	24				0.12
M 1.5 B 21	21	34.5	31.5	8	12	25	15	25	H1	0.13
M 1.5 B 22	22	36	33	8	14	26				0.15
M 1.5 B 23	23	37.5	34.5	8	14	27				0.18
M 1.5 B 24	24	39	36	8	15	28				0.19
M 1.5 B 25	25	40.5	37.5	8	16	30				0.20
M 1.5 B 26	26	42	39	10	16	32	15	25	H1	0.21
M 1.5 B 27	27	43.5	40.5	10	18	34				0.23
M 1.5 B 28	28	45	42	10	20	36				0.24
M 1.5 B 29	29	46.5	43.5	10	20	37				0.25
M 1.5 B 30	30	48	45	10	20	38				0.26
M 1.5 B 32	32	51	48	10	22	40	15	25	H1	0.30
M 1.5 B 34	34	54	51	10	22	40				0.33
M 1.5 B 35	35	55.5	52.5	10	22	42				0.34
M 1.5 B 36	36	57	54	10	25	45				0.39
M 1.5 B 38	38	60	57	12	25	45				0.43
M 1.5 B 40	40	63	60	12	25	45	15	25	H1	0.44
M 1.5 B 42	42	66	63	12	25	45				0.47
M 1.5 B 44	44	69	66	12	25	45				0.51
M 1.5 B 45	45	70.5	67.5	12	25	45				0.52
M 1.5 B 46	46	72	69	12	25	45				0.57
M 1.5 B 48	48	75	72	12	25	45	15	25	H1	0.58
M 1.5 B 50	50	78	75	12	25	45				0.62
M 1.5 B 52	52	81	78	15	30	50				0.68



H1 Shape

H2 Shape

H3 Shape

i	Precision Degree	JIS Class N8
	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 1.5

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter Dh7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Spoke Thickness H	Rim Inner Diameter I	Weight (kg)
				Pilot Hole dh7 (Minimum)	Maximum							
M 1.5 B 54	54	84	81	15	30	50						0.73
M 1.5 B 55	55	85.5	82.5	15	30	50						0.75
M 1.5 B 56	56	87	84	15	30	50	15	25	H1	—	—	0.77
M 1.5 B 58	58	90	87	15	30	50						0.82
M 1.5 B 60	60	93	90	15	30	50						0.87
M 1.5 B 62	62	96	93	15	32	55						0.95
M 1.5 B 64	64	99	96	15	32	55						1.0
M 1.5 B 65	65	100.5	97.5	15	32	55	15	25	H1	—	—	1.0
M 1.5 B 66	66	102	99	15	32	55						1.1
M 1.5 B 68	68	105	102	15	32	55						1.1
M 1.5 B 70	70	108	105	15	32	55						1.2
M 1.5 B 72	72	111	108	15	32	55						1.2
M 1.5 B 75	75	115.5	112.5	15	35	60	15	25	H1	—	—	1.4
M 1.5 B 76	76	117	114	15	35	60						1.4
M 1.5 B 80	80	123	120	15	35	60						1.5
M 1.5 B 84	84	129	126	15	35	60						1.7
M 1.5 B 85	85	130.5	127.5	15	35	60						1.7
M 1.5 B 88	88	135	132	15	35	60	15	25	H1	—	—	1.8
M 1.5 B 90	90	138	135	15	35	60						1.9
M 1.5 B 95	95	145.5	142.5	15	35	60						2.1
M 1.5 B 100	100	153	150	15	35	60				(9)	(124)	1.9
M 1.5 B 120	120	183	180	15	40	70	15	25	H2	(10)	(152)	2.7
M 1.5 B 150	150	228	225	20	50	180				—	—	6.6
M 1.5 B 200	200	303	300	25	50	240	15	25	H1	—	—	11.8

KANA

M Spur Gears

● Order No. Example

M1.5B30C

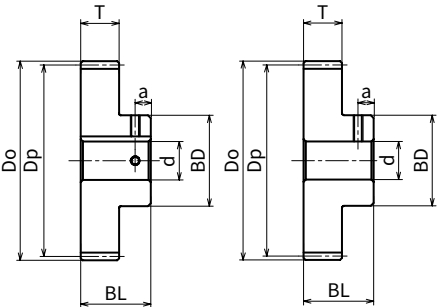
Module No. of Teeth Finished Product Mode



H1K Shape



H1T Shape



H1K Shape

H1T Shape

Module (m): 1.5

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter DH7	Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
M 1.5 B 14B	14	24	21	8	16	15	25	H1T	0.05
M 1.5 B 16B	16	27	24	8	20				0.07
M 1.5 B 26A	26	42	39	12	32			H1K	0.18
M 1.5 B 28A	28	45	42	12	36				0.22
M 1.5 B 30C	30	48	45	15	38				0.24
M 1.5 B 32B	32	51	48	12	38	15	25	H1K	0.28

i	Precision Degree	JIS Class N8
	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

	Keyway Width × Depth	Screw Hole		Product Model Number
		Specification	a	
	—	M5	5	M 1.5 B 14B
	—	M5	5	M 1.5 B 16B
	4×1.8	M4	5	M 1.5 B 26A
	4×1.8	M4	5	M 1.5 B 28A
	5×2.3	M4	5	M 1.5 B 30C
	4×1.8	M4	5	M 1.5 B 32B

KANA

M Spur Gears

● Order No. Example

M2B20

Module No. of Teeth



H1 Shape

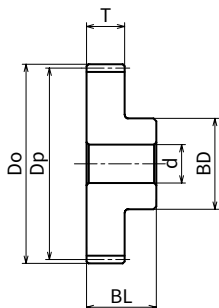


H2 Shape

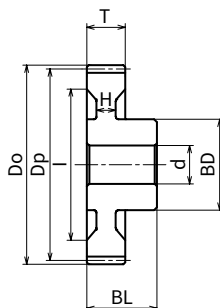
	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 2

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole dH7 (Minimum)	Maximum					
M 2 B 12	12	28	24	10	10	18	20	30	H1	0.09
M 2 B 13	13	30	26	10	10	20				0.10
M 2 B 14	14	32	28	10	10	20				0.10
M 2 B 15	15	34	30	12	12	24				0.11
M 2 B 16	16	36	32	12	14	26	20	30	H1	0.15
M 2 B 17	17	38	34	12	16	28				0.18
M 2 B 18	18	40	36	12	17	30				0.20
M 2 B 19	19	42	38	12	18	31				0.22
M 2 B 20	20	44	40	12	19	32	20	30	H1	0.22
M 2 B 21	21	46	42	12	20	34				0.28
M 2 B 22	22	48	44	12	20	36				0.30
M 2 B 23	23	50	46	12	22	37				0.32
M 2 B 24	24	52	48	12	22	38	20	30	H1	0.35
M 2 B 25	25	54	50	12	22	40				0.40
M 2 B 26	26	56	52	12	25	42				0.42
M 2 B 27	27	58	54	12	25	45				0.47
M 2 B 28	28	60	56	12	25	45	20	30	H1	0.50
M 2 B 29	29	62	58	12	28	47				0.58
M 2 B 30	30	64	60	12	30	50				0.58
M 2 B 32	32	68	64	12	30	50				0.64
M 2 B 34	34	72	68	12	30	50	20	30	H1	0.74
M 2 B 35	35	74	70	12	30	52				0.75
M 2 B 36	36	76	72	12	32	55				0.80
M 2 B 38	38	80	76	12	32	55				0.90
M 2 B 40	40	84	80	15	32	55	20	30	H1	0.93
M 2 B 42	42	88	84	15	32	55				1.0
M 2 B 44	44	92	88	15	32	55				1.1
M 2 B 45	45	94	90	15	32	55				1.1
M 2 B 46	46	96	92	15	32	55	20	30	H1	1.2
M 2 B 48	48	100	96	15	32	55				1.3



H1 Shape



H2 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 2

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter D _{H7}		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Spoke Thickness H	Rim Inner Diameter I	Weight (kg)
				Pilot Hole d _{H7} (Minimum)	Maximum							
M 2 B 50	50	104	100	15	32	55	20	30	H1	—	—	1.4
M 2 B 52	52	108	104	15	32	55						1.5
M 2 B 54	54	112	108	15	32	55						1.6
M 2 B 55	55	114	110	15	32	55						1.6
M 2 B 56	56	116	112	15	32	55						1.7
M 2 B 58	58	120	116	15	35	60	20	30	H1	—	—	1.8
M 2 B 60	60	124	120	15	35	60						2.0
M 2 B 62	62	128	124	15	35	60						2.1
M 2 B 64	64	132	128	15	35	60						2.2
M 2 B 65	65	134	130	15	35	60						2.3
M 2 B 66	66	136	132	15	35	60	20	30	H1	—	—	2.3
M 2 B 68	68	140	136	15	35	60						2.5
M 2 B 70	70	144	140	15	35	60						2.6
M 2 B 72	72	148	144	15	35	60						2.7
M 2 B 75	75	154	150	20	35	60						2.9
M 2 B 76	76	156	152	20	35	60	20	30	H2	(12)	(135) (139) (145) (149) (155) (165) (175) (209)	3.0
M 2 B 80	80	164	160	20	35	60						2.7
M 2 B 84	84	172	168	20	42	70						3.1
M 2 B 85	85	174	170	20	42	70						3.1
M 2 B 88	88	180	176	20	42	70						3.3
M 2 B 90	90	184	180	20	42	70	20	30	H1	—	—	3.4
M 2 B 95	95	194	190	20	42	70						3.7
M 2 B 100	100	204	200	20	42	70						4.0
M 2 B 120	120	244	240	20	50	90						5.9
M 2 B 150	150	304	300	25	65	240						14.5

KANA

M Spur Gears

● Order No. Example

M2.5B20

Module No. of Teeth



H1 Shape



H2 Shape

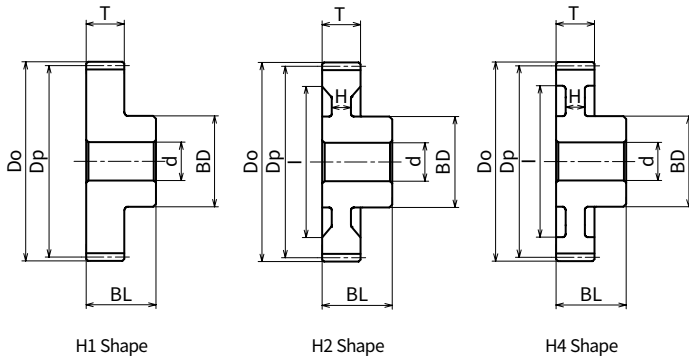


H4 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 2.5

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole dH7 (Minimum)	Maximum					
M 2.5 B 12	12	35	30	12	12	23				0.14
M 2.5 B 13	13	37.5	32.5	12	12	25				0.17
M 2.5 B 14	14	40	35	12	14	25	25	37	H1	0.20
M 2.5 B 15	15	42.5	37.5	15	16	30				0.23
M 2.5 B 16	16	45	40	15	18	32				0.25
M 2.5 B 17	17	47.5	42.5	15	20	35				0.28
M 2.5 B 18	18	50	45	15	22	38				0.35
M 2.5 B 19	19	52.5	47.5	15	22	39	25	37	H1	0.40
M 2.5 B 20	20	55	50	15	22	40				0.44
M 2.5 B 21	21	57.5	52.5	15	25	42				0.49
M 2.5 B 22	22	60	55	15	25	44				0.53
M 2.5 B 23	23	62.5	57.5	15	25	46				0.58
M 2.5 B 24	24	65	60	15	28	48	25	37	H1	0.65
M 2.5 B 25	25	67.5	62.5	15	30	50				0.70
M 2.5 B 26	26	70	65	15	32	55				0.83
M 2.5 B 27	27	72.5	67.5	15	35	60				0.92
M 2.5 B 28	28	75	70	15	35	60				1.00
M 2.5 B 29	29	77.5	72.5	15	35	62	25	37	H1	1.1
M 2.5 B 30	30	80	75	15	38	65				1.2
M 2.5 B 32	32	85	80	15	42	70				1.3
M 2.5 B 34	34	90	85	15	42	70				1.4
M 2.5 B 35	35	92.5	87.5	15	42	70				1.5
M 2.5 B 36	36	95	90	15	42	70	25	37	H1	1.6
M 2.5 B 38	38	100	95	20	42	70				1.7
M 2.5 B 40	40	105	100	20	42	70				1.8
M 2.5 B 42	42	110	105	20	42	70				2.0
M 2.5 B 44	44	115	110	20	42	70				2.1
M 2.5 B 45	45	117.5	112.5	20	42	70	25	37	H1	2.2
M 2.5 B 46	46	120	115	20	42	70				2.3
M 2.5 B 48	48	125	120	20	42	70				2.5



i	Precision Degree	JIS Class N8
	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 2.5

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter Dh7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Spoke Thickness H	Rim Inner Diameter I	Weight (kg)
				Pilot Hole dh7 (Minimum)	Maximum							
M 2.5 B 50	50	130	125	20	42	70			H1	—	—	2.7
M 2.5 B 52	52	135	130	20	42	70						2.9
M 2.5 B 54	54	140	135	20	42	70	25	37				3.1
M 2.5 B 55	55	142.5	137.5	20	42	70						3.2
M 2.5 B 56	56	145	140	20	42	70						3.3
M 2.5 B 58	58	150	145	20	42	70			H4	(10)	(126)	3.5
M 2.5 B 60	60	155	150	25	42	70						2.8
M 2.5 B 62	62	160	155	25	50	80	25	37				3.5
M 2.5 B 64	64	165	160	25	50	80						3.8
M 2.5 B 65	65	167.5	162.5	25	50	80						3.8
M 2.5 B 66	66	170	165	25	50	80			H2	(15)	(139)	3.9
M 2.5 B 68	68	175	170	25	50	80						4.1
M 2.5 B 70	70	180	175	25	50	80	25	37				4.3
M 2.5 B 72	72	185	180	25	50	80						4.5
M 2.5 B 75	75	192.5	187.5	25	50	80						4.8
M 2.5 B 76	76	195	190	25	50	80			H4	(10)	(201)	4.9
M 2.5 B 80	80	205	200	25	50	80						4.4
M 2.5 B 90	90	230	225	30	50	90	25	37				5.6
M 2.5 B 100	100	255	250	30	50	90						6.8
M 2.5 B 120	120	305	300	30	60	100						9.4

KANA

M Spur Gears

● Order No. Example

M3B20

Module No. of Teeth



H1 Shape



H2 Shape

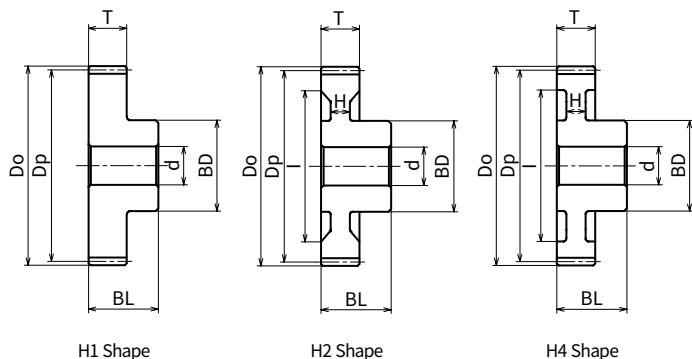


H4 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 3

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter D _{H7}		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole d _{H7} (Minimum)	Maximum					
M 3 B 12	12	42	36	15	15	28	30	45	H1	0.25
M 3 B 13	13	45	39	15	15	30				0.30
M 3 B 14	14	48	42	15	17	32				0.35
M 3 B 15	15	51	45	15	19	36				0.40
M 3 B 16	16	54	48	15	22	38				0.50
M 3 B 17	17	57	51	15	22	39	30	45	H1	0.65
M 3 B 18	18	60	54	15	22	40				0.67
M 3 B 19	19	63	57	15	25	45				0.73
M 3 B 20	20	66	60	15	28	50				0.80
M 3 B 21	21	69	63	15	30	52				1.0
M 3 B 22	22	72	66	15	32	54	30	45	H1	1.1
M 3 B 23	23	75	69	15	32	56				1.1
M 3 B 24	24	78	72	15	32	58				1.2
M 3 B 25	25	81	75	20	35	60				1.3
M 3 B 26	26	84	78	20	38	65				1.5
M 3 B 27	27	87	81	20	38	65	30	45	H1	1.6
M 3 B 28	28	90	84	20	38	70				1.7
M 3 B 29	29	93	87	20	38	70				1.7
M 3 B 30	30	96	90	20	45	75				1.8
M 3 B 32	32	102	96	20	45	75				2.1
M 3 B 34	34	108	102	20	48	80	30	45	H1	2.4
M 3 B 35	35	111	105	20	48	80				2.5
M 3 B 36	36	114	108	20	48	80				2.6
M 3 B 38	38	120	114	25	48	80				3.0
M 3 B 40	40	126	120	25	48	80				3.1
M 3 B 42	42	132	126	25	48	80	30	45	H1	3.4
M 3 B 44	44	138	132	25	48	80				3.6
M 3 B 45	45	141	135	25	48	80				3.8
M 3 B 46	46	144	138	25	48	80				3.9
M 3 B 48	48	150	144	25	48	80				4.3



i	Precision Degree	JIS Class N8
	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 3

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Spoke Thickness H	Rim Inner Diameter I	Weight (kg)
				Pilot Hole dH7 (Minimum)	Maximum							
M 3 B 50	50	156	150	25	48	80	30	45	H4	(10)	(122)	3.7
M 3 B 52	52	162	156	25	48	80			H2	(16)	(125)	4.4
M 3 B 54	54	168	162	25	48	80					(131)	4.6
M 3 B 55	55	171	165	25	48	80					(130)	4.8
M 3 B 56	56	174	168	25	48	80	(133)	4.9				
M 3 B 58	58	180	174	25	48	80	30	45	H4	(10)	(143)	5.1
M 3 B 60	60	186	180	25	48	80					(152)	4.6
M 3 B 62	62	192	186	25	48	80			H2	(16)	(149)	5.8
M 3 B 64	64	198	192	25	48	80					(157)	6.0
M 3 B 65	65	201	195	25	48	80				(160)	6.1	
M 3 B 66	66	204	198	25	55	90	30	45	H2	(16)	(159)	6.7
M 3 B 68	68	210	204	25	55	90					(169)	6.9
M 3 B 70	70	216	210	25	55	90					(175)	7.2
M 3 B 72	72	222	216	25	55	90					(181)	7.5
M 3 B 75	75	231	225	25	55	90	30	45	H2	(16)	(189)	8.0
M 3 B 76	76	234	228	25	55	90					(189)	8.2
M 3 B 80	80	246	240	30	55	90			H4	(10)	(212)	6.9
M 3 B 90	90	276	270	30	60	100					H2	(16)	(239)	10.6
M 3 B 100	100	306	300	30	60	100	H4	(10)	(272)	10.8		
M 3 B 120	120	366	360	30	65	130			(332)	15.7		

KANA

M Spur Gears

● Order No. Example

M4B20

Module No. of Teeth



H1 Shape



H2 Shape

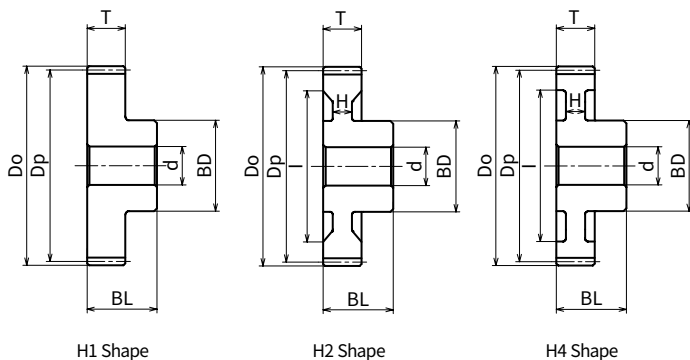


H4 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 4

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter D _{H7}		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole d _{H7} (Minimum)	Maximum					
M 4 B 12	12	56	48	20	20	35	40	60	H1	0.55
M 4 B 13	13	60	52	20	22	38				0.67
M 4 B 14	14	64	56	20	22	40				0.80
M 4 B 15	15	68	60	20	25	45				0.95
M 4 B 16	16	72	64	20	28	50				1.1
M 4 B 17	17	76	68	20	30	53	40	60	H1	1.3
M 4 B 18	18	80	72	20	32	55				1.5
M 4 B 19	19	84	76	20	35	60				1.7
M 4 B 20	20	88	80	20	40	65				1.9
M 4 B 21	21	92	84	20	42	69				2.2
M 4 B 22	22	96	88	20	45	73	40	60	H1	2.4
M 4 B 23	23	100	92	20	45	77				2.6
M 4 B 24	24	104	96	20	50	80				2.9
M 4 B 25	25	108	100	20	50	84				3.2
M 4 B 26	26	112	104	20	52	87				3.5
M 4 B 27	27	116	108	20	55	90	40	60	H1	3.8
M 4 B 28	28	120	112	20	60	95				4.2
M 4 B 29	29	124	116	20	60	95				4.4
M 4 B 30	30	128	120	20	65	100				4.5
M 4 B 32	32	136	128	22	65	100				4.8
M 4 B 34	34	144	136	22	65	100	40	56	H1	5.5
M 4 B 35	35	148	140	22	65	100				5.6
M 4 B 36	36	152	144	22	65	100				5.7
M 4 B 38	38	160	152	22	65	100				7.1
M 4 B 40	40	168	160	25	65	100				7.2



i	Precision Degree	JIS Class N8
	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 4

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Spoke Thickness H	Rim Inner Diameter I	Weight (kg)
				Pilot Hole dH7 (Minimum)	Maximum							
M 4 B 42	42	176	168	25	65	100	40	56	H1	—	—	7.7
M 4 B 44	44	184	176	25	65	100						8.4
M 4 B 45	45	188	180	25	65	100						8.8
M 4 B 46	46	192	184	25	65	100						9.1
M 4 B 48	48	200	192	25	65	100	40	56	H2	(26)	(149)	9.1
M 4 B 50	50	208	200	30	65	100					(157)	9.6
M 4 B 52	52	216	208	30	65	100					(164)	10.2
M 4 B 54	54	224	216	30	65	100					(174)	10.8
M 4 B 55	55	228	220	30	65	100					(177)	11.1
M 4 B 56	56	232	224	30	65	100					(181)	11.5
M 4 B 58	58	240	232	30	68	110	40	56	H2	(26)	(189)	12.5
M 4 B 60	60	248	240	30	68	110					(197)	13.2
M 4 B 62	62	256	248	30	68	110					(209)	13.1
M 4 B 64	64	264	256	30	68	110					(213)	13.4
M 4 B 65	65	268	260	30	68	110					(217)	13.7
M 4 B 66	66	272	264	30	70	120					(219)	14.7
M 4 B 68	68	280	272	30	70	120	40	56	H4	(12)	(224)	15.5
M 4 B 70	70	288	280	30	70	120					(247)	13.6
M 4 B 80	80	328	320	30	70	120					(287)	16.3

KANA

M Spur Gears

● Order No. Example

M5B20

Module No. of Teeth



H1 Shape



H2 Shape

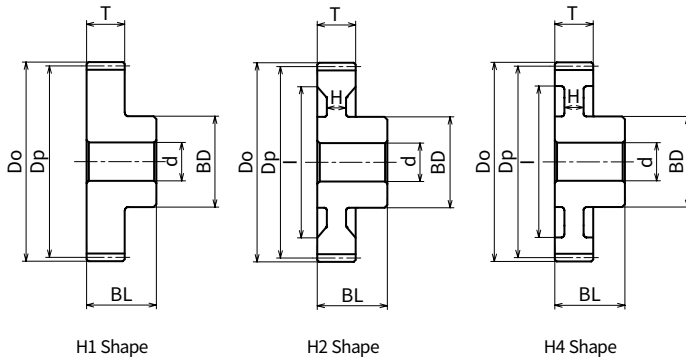


H4 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 5

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole dH7 (Minimum)	Maximum					
M 5 B 12	12	70	60	22	26	46				1.2
M 5 B 13	13	75	65	22	28	50				1.5
M 5 B 14	14	80	70	22	30	52	50	75	H1	1.7
M 5 B 15	15	85	75	22	35	60				2.0
M 5 B 16	16	90	80	22	35	65				2.3
M 5 B 17	17	95	85	22	40	68				2.6
M 5 B 18	18	100	90	22	40	70				2.9
M 5 B 19	19	105	95	22	45	76	50	75	H1	3.5
M 5 B 20	20	110	100	22	50	82				3.8
M 5 B 21	21	115	105	25	55	90				4.4
M 5 B 22	22	120	110	25	60	95				4.8
M 5 B 23	23	125	115	25	65	100				5.5
M 5 B 24	24	130	120	25	65	100	50	75	H1	5.7
M 5 B 25	25	135	125	25	65	105				6.4
M 5 B 26	26	140	130	25	65	110				6.6
M 5 B 27	27	145	135	25	65	110				7.6
M 5 B 28	28	150	140	25	65	110				8.0
M 5 B 29	29	155	145	25	70	115	50	75	H1	8.2
M 5 B 30	30	160	150	25	75	120				8.8
M 5 B 32	32	170	160	30	75	120		71		9.8



i	Precision Degree	JIS Class N8
	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 5

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7	Pilot Hole dh7 (Minimum)	Maximum	Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Spoke Thickness H	Rim Inner Diameter I	Weight (kg)
M 5 B 34	34	180	170	30	75	120	120						11.8
M 5 B 35	35	185	175	30	75	120	120						12.0
M 5 B 36	36	190	180	30	75	120	120	50	71	H1	—	—	12.0
M 5 B 38	38	200	190	30	75	120	120						14.0
M 5 B 40	40	210	200	30	75	120	120						13.8
M 5 B 42	42	220	210	30	75	120	120				(36)	(169)	14.2
M 5 B 44	44	230	220	30	75	120	120				(36)	(174)	15.4
M 5 B 45	45	235	225	30	75	120	120	50	71	H2	(36)	(184)	15.8
M 5 B 46	46	240	230	30	75	120	120				(30)	(184)	16.2
M 5 B 48	48	250	240	30	75	120	120				(30)	(199)	17.0
M 5 B 50	50	260	250	30	75	120	120				(16)	(211)	15.0
M 5 B 52	52	270	260	30	80	130	130					(219)	19.8
M 5 B 54	54	280	270	30	80	130	130	50	71			(229)	20.9
M 5 B 55	55	285	275	30	80	130	130					(234)	21.5
M 5 B 56	56	290	280	30	80	130	130				(30)	(239)	22.0
M 5 B 58	58	300	290	30	80	130	130	50	71			(239)	23.8
M 5 B 60	60	310	300	30	80	130	130					(249)	25.1

KANA

M Spur Gears

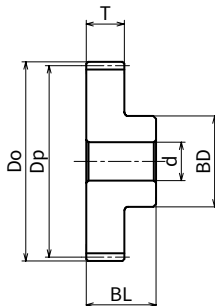
● Order No. Example

M6B20

Module No. of Teeth



H1 Shape



H1 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Module (m): 6

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter D _{H7}		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole d _{H7} (Minimum)	Maximum					
M 6 B 12	12	84	72	25	32	55	60	88	H1	2.0
M 6 B 13	13	90	78	25	32	58				2.5
M 6 B 14	14	96	84	25	35	60				2.8
M 6 B 15	15	102	90	25	40	70				3.4
M 6 B 16	16	108	96	25	45	75	60	88	H1	3.9
M 6 B 17	17	114	102	25	50	78				4.4
M 6 B 18	18	120	108	25	50	80				5.0
M 6 B 19	19	126	114	25	55	90				5.8
M 6 B 20	20	132	120	25	65	100	60	88	H1	6.5
M 6 B 21	21	138	126	28	65	105				7.5
M 6 B 22	22	144	132	28	65	110				8.1
M 6 B 23	23	150	138	28	70	115				8.9
M 6 B 24	24	156	144	28	75	120	60	88	H1	9.8
M 6 B 25	25	162	150	28	80	125				10.5
M 6 B 26	26	168	156	28	80	130				11.4
M 6 B 27	27	174	162	28	80	135				12.1
M 6 B 28	28	180	168	28	85	140	60	83	H1	12.7
M 6 B 30	30	192	180	30	90	150				15.1
M 6 B 32	32	204	192	30	90	150				18.0
M 6 B 34	34	216	204	30	90	150				19.0
M 6 B 35	35	222	210	30	90	150	60	83	H1	19.0
M 6 B 36	36	228	216	30	90	150				22.0
M 6 B 38	38	240	228	30	90	150				23.0
M 6 B 40	40	252	240	30	90	150				24.0
M 6 B 42	42	264	252	40	90	150	60	83	H1	25.9
M 6 B 44	44	276	264	40	90	150				28.2
M 6 B 45	45	282	270	40	90	180				30.7
M 6 B 46	46	288	276	40	90	180				31.6
M 6 B 48	48	300	288	40	90	180	60	83	H1	34.5
M 6 B 50	50	312	300	40	90	180				37.1

KANA

M Spur Gears



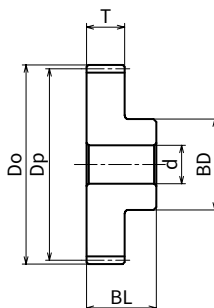
● Order No. Example

M8B12

Module No. of Teeth



H1 Shape



H1 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter Dh7		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
					Pilot Hole dh7 (Minimum)	Maximum					
M8B12	8	12	112	96	28	42	75	75	110	H1	4.9
M8B13		13	120	104		45	80				5.9
M8B14		14	128	112		50	85				6.8
M8B15		15	136	120		52	90				7.9
M8B16		16	144	128		55	100				9.2
M8B17		17	152	136	30	60	105			H1	10.4
M8B18		18	160	144		65	110				11.7
M8B19		19	168	152		68	120				13.3
M8B20		20	176	160		75	130				15.0
M8B21		21	184	168		85	140				16.7
M8B22		22	192	176	30	90	150			H1	18.6
M8B23		23	200	184		100	155				20.2
M8B24		24	208	192		170	160				22.0
M8B25		25	216	200		180	170				24.1
M8B26		26	224	208		180	180				25.6
M8B27		27	232	216		180	180			H1	27.2
M8B28		28	240	224			180				29.6
M8B30		30	256	240			180				33.0
M10B15	10	15	170	150	30	60	115	90	130	H1	15.0
M10B20		20	220	200	30	85	165				28.2
M10B25		25	270	250	40	110	200				43.3

KANA

MU Spur Gears

NEW

● Order No. Example

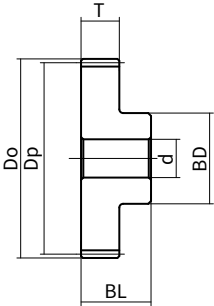
MU0.8B20

Module

No. of Teeth



H1T Shape



H1 Shape

	Precision Degree	JIS Class N8*
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

* For products with module ≤ 0.8, follow the indicated precision degree.

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7		Boss Diameter BD	Tooth Width T	Boss Length BL	Pilot Hole Diameter dH7	Shape	Weight (kg)
					Pilot Hole dH7 (Minimum)	Maximum						
MU0.8B20	0.8	20	17.6	16	5	5	13.5	4	12	5	H1	0.01
MU0.8B25		25	21.6	20			17					0.02
MU0.8B30		30	25.6	24			20					0.03
MU0.8B40		40	33.6	32		8	25					0.05
MU0.8B50		50	41.6	40			25					0.07

KANA

MU Spur Gears

NEW

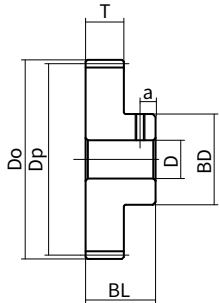
● Order No. Example

MU0.8B40A

Module No. of Teeth Finished Product Mode



H1T Shape



H1T Shape

	Precision Degree	JIS Class N8*
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

* For products with module ≤ 0.8, follow the indicated precision degree.

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Pilot Hole Diameter Dh7	Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)	Keyway Width × Depth	Screw Hole Specification	a
MU0.8B40A	0.8	40	33.6	32	6	25	4	12	H1T	0.05	—	M4	4
MU0.8B50A		50	41.6	40						0.07			

KANA

MU Spur Gears

NEW

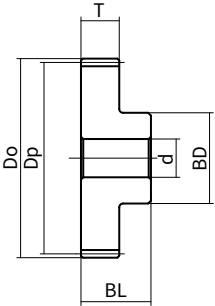
● Order No. Example

MU1B20

Module No. of Teeth



H1T Shape



H1 Shape

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7 Pilot Hole dH7 (Minimum)	Diameter DH7 Maximum	Boss Diameter BD
MU1B12	1	12	14	12	5	5	9
MU1B14		14	16	14			11
MU1B15		15	17	15		6	12
MU1B16		16	18	16			13
MU1B18		18	20	18			14
MU1B20		20	22	20	6	8	16
MU1B24		24	26	24		6	16
MU1B25		25	27	25			
MU1B28		28	30	28		10	25
MU1B30		30	32	30			
MU1B32		32	34	32	8	12	28
MU1B35		35	37	35			
MU1B36		36	38	36			
MU1B40		40	42	40			
MU1B45		45	47	45		15	35
MU1B48		48	50	48			
MU1B50		50	52	50			
MU1B55		55	57	55			
MU1B56		56	58	56	10	18	40
MU1B58		58	60	58			
MU1B60		60	62	60			
MU1B64		64	66	64			
MU1B65		64	67	65			
MU1B70		70	72	70	10	22	50
MU1B72		72	74	72			
MU1B75		75	77	75			
MU1B80		80	82	80			
MU1B85		85	87	85			
MU1B90		90	92	90	10	18	40
MU1B95		95	97	95			
MU1B96		96	98	96			
MU1B100		100	102	100			
MU1B110		110	112	110	10	22	50
MU1B120		120	122	120			

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
	Surface Treatment	Black Oxide Coating

	Tooth Width T	Boss Length BL	Pilot Hole Diameter d _{H7}	Shape	Weight (kg)	Product Model Number
				H1	0.01 0.01 0.01 0.02 0.02	MU1B12 MU1B14 MU1B15 MU1B16 MU1B18
				H1	0.02 0.03 0.03 0.04 0.06	MU1B20 MU1B24 MU1B25 MU1B28 MU1B30
				H1	0.07 0.07 0.08 0.09 0.11	MU1B32 MU1B35 MU1B36 MU1B40 MU1B45
				H1	0.12 0.13 0.15 0.15 0.19	MU1B48 MU1B50 MU1B55 MU1B56 MU1B60
				H1	0.21 0.21 0.24 0.25 0.26	MU1B64 MU1B65 MU1B70 MU1B72 MU1B75
				H1	0.31 0.34 0.37 0.40 0.41	MU1B80 MU1B85 MU1B90 MU1B95 MU1B96
				H1	0.48 0.56 0.65	MU1B100 MU1B110 MU1B120

KANA

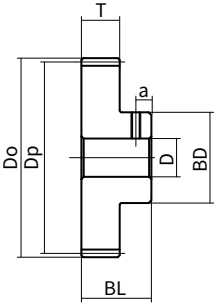
MU Spur Gears

NEW

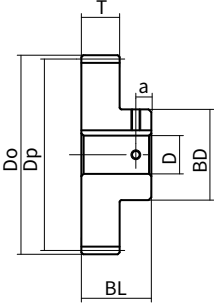
● Order No. Example

MU1B20A

Module No. of Teeth Finished Product Mode



H1 Shape



H1K Shape

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Pilot Hole Diameter DH7	Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	
MU1B12A	1	12	14	12	5	9	6	14	H1T	
MU1B14A		14	16	14	5	11				
MU1B15A		15	17	15	6	12				
MU1B16A		16	18	16	6	13				
MU1B18A		18	20	18	6	14			H1T	
MU1B20A		20	22	20	6	16				
MU1B20B		20	22	20	8	16				
MU1B24A		24	26	24	6	16			H1T	
MU1B28A		28	30	28	6	16				
MU1B30A		30	32	30	6	25				
MU1B30B		30	32	30	8	25			H1T	
MU1B35A		35	37	35	8	25				
MU1B40A		40	42	40	8	28				
MU1B48A		48	50	48	8	28				
MU1B60A		60	62	60	10	35			H1K	
MU1B120A		120	122	120	12	35				

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

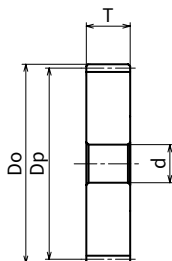
	Weight (kg)	Keyway Width × Depth	Screw Hole		Product Model Number
			Specification	a	
	0.01	—	M4	4	MU1B12A
	0.01	—	M4	4	MU1B14A
	0.01	—	M4	4	MU1B15A
	0.01	—	M4	4	MU1B16A
	0.02	—	M4	4	MU1B18A
	0.02	—	M4	4	MU1B20A
	0.02	—	M5	4	MU1B20B
	0.03	—	M4	4	MU1B24A
	0.04	—	M4	4	MU1B28A
	0.06	—	M4	4	MU1B30A
	0.06	—	M5	4	MU1B30B
	0.07	—	M5	4	MU1B35A
	0.09	—	M5	4	MU1B40A
	0.12	—	M5	4	MU1B48A
	0.18	4 × 1.8	M4	4	MU1B60A
	0.58	4 × 1.8	M4	4	MU1B120A

KANA**M-A Spur Gears A-type**● **Order No. Example****M1A20**

Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dH7	Tooth Width T	Shape	Weight (kg)
M 1 A 20	1	20	22	20	8	10	H5	0.02
M 1 A 24		24	26	24	8			0.03
M 1 A 25		25	27	25	8			0.04
M 1 A 28		28	30	28	8			0.04
M 1 A 30		30	32	30	10			0.05
M 1 A 32		32	34	32	10	10	H5	0.06
M 1 A 35		35	37	35	10			0.07
M 1 A 36		36	38	36	10			0.08
M 1 A 40		40	42	40	10			0.10
M 1 A 45		45	47	45	10			0.12
M 1 A 48		48	50	48	10	10	H5	0.14
M 1 A 50		50	52	50	10			0.15
M 1 A 55		55	57	55	10			0.18
M 1 A 56		56	58	56	10			0.19
M 1 A 60		60	62	60	10			0.22
M 1 A 70		70	72	70	10	10	H5	0.30
M 1 A 80		80	82	80	10			0.40
M 1 A 100		100	102	100	10			0.60
M 1 A 120		120	122	120	15			0.90

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA**M-A Spur Gears A-type**

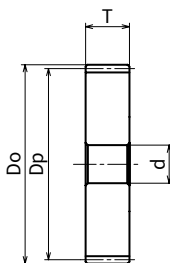
● Order No. Example

M1.5A20

Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dH7	Tooth Width T	Shape	Weight (kg)
M 1.5 A 20	1.5	20	33	30	8	15	H5	0.07
M 1.5 A 24		24	39	36	8			0.11
M 1.5 A 25		25	40.5	37.5	8			0.12
M 1.5 A 28		28	45	42	10			0.15
M 1.5 A 30		30	48	45	10			0.18
M 1.5 A 32		32	51	48	10	15	H5	0.20
M 1.5 A 35		35	55.5	52.5	10			0.25
M 1.5 A 36		36	57	54	10			0.26
M 1.5 A 40		40	63	60	12			0.31
M 1.5 A 45		45	70.5	67.5	12			0.40
M 1.5 A 48		48	75	72	12	15	H5	0.46
M 1.5 A 50		50	78	75	12			0.50
M 1.5 A 55		55	85.5	82.5	15			0.61
M 1.5 A 56		56	87	84	15			0.63
M 1.5 A 60		60	93	90	15			0.73
M 1.5 A 70		70	108	105	15	15	H5	1.0
M 1.5 A 80		80	123	120	15			1.3
M 1.5 A 100		100	153	150	15			2.1

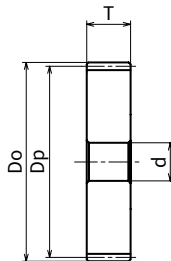
Order No. Example

M2A20

Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dH7	Tooth Width T	Shape	Weight (kg)
M 2 A 15	2	15	34	30	12	20	H5	0.10
M 2 A 18		18	40	36	12			0.15
M 2 A 20		20	44	40	12			0.18
M 2 A 24		24	52	48	12			0.27
M 2 A 25		25	54	50	12	20	H5	0.29
M 2 A 28		28	60	56	12			0.36
M 2 A 30		30	64	60	12			0.42
M 2 A 32		32	68	64	12			0.48
M 2 A 35		35	74	70	12			0.58
M 2 A 36		36	76	72	12	20	H5	0.61
M 2 A 40		40	84	80	15			0.75
M 2 A 45		45	94	90	15			0.96
M 2 A 48		48	100	96	15			1.1
M 2 A 50		50	104	100	15	20	H5	1.2
M 2 A 55		55	114	110	15			1.5
M 2 A 56		56	116	112	15			1.5
M 2 A 60		60	124	120	15			1.7
M 2 A 70		70	144	140	15	20	H5	2.4
M 2 A 80		80	164	160	20			3.1
M 2 A 100		100	204	200	20			4.9

KANA**M-A Spur Gears A-type**

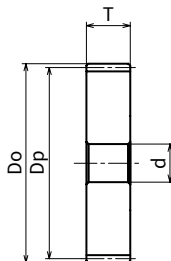
● Order No. Example

M2.5A20

Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dh7	Tooth Width T	Shape	Weight (kg)
M 2.5 A 15	2.5	15	42.5	37.5	15	25	H5	0.19
M 2.5 A 18		18	50	45	15			0.29
M 2.5 A 20		20	55	50	15			0.35
M 2.5 A 24		24	65	60	15			0.52
M 2.5 A 25		25	67.5	62.5	15			0.57
M 2.5 A 28		28	75	70	15	25	H5	0.71
M 2.5 A 30		30	80	75	15			0.82
M 2.5 A 32		32	85	80	15			0.94
M 2.5 A 35		35	92.5	87.5	15			1.1
M 2.5 A 36		36	95	90	15			1.2
M 2.5 A 40		40	105	100	20	25	H5	1.5
M 2.5 A 45		45	117.5	112.5	20			1.9
M 2.5 A 48		48	125	120	20			2.1
M 2.5 A 50		50	130	125	20			2.3
M 2.5 A 55		55	142.5	137.5	20			2.8
M 2.5 A 56		56	145	140	20	25	H5	3.0
M 2.5 A 60		60	155	150	25			3.4
M 2.5 A 70		70	180	175	25			4.7
M 2.5 A 80		80	205	200	25			6.1

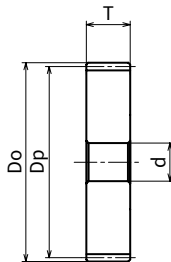
Order No. Example

M3A20

Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

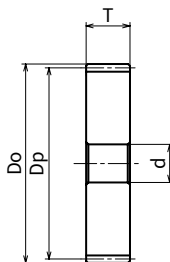
Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dh7	Tooth Width T	Shape	Weight (kg)
M 3 A 15	3	15	51	45	15	30	H5	0.35
M 3 A 18		18	60	54	15			0.51
M 3 A 20		20	66	60	15			0.62
M 3 A 24		24	78	72	15			0.92
M 3 A 25		25	81	75	20			1.0
M 3 A 28		28	90	84	20	30	H5	1.2
M 3 A 30		30	96	90	20			1.4
M 3 A 32		32	102	96	20			1.6
M 3 A 35		35	111	105	20			2.0
M 3 A 36		36	114	108	20			2.1
M 3 A 40		40	126	120	25	30	H5	2.6
M 3 A 45		45	141	135	25			3.3
M 3 A 48		48	150	144	25			3.7
M 3 A 50		50	156	150	25			4.1
M 3 A 55		55	171	165	25			4.9
M 3 A 56		56	174	168	25	30	H5	5.1
M 3 A 60		60	186	180	25			5.9
M 3 A 70		70	216	210	25			8.0
M 3 A 80		80	246	240	30			10.5

KANA**M-A Spur Gears A-type**● **Order No. Example****M4A20**

Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dH7	Tooth Width T	Shape	Weight (kg)
M 4 A 15	4	15	68	60	20	40	H5	0.79
M 4 A 18		18	80	72	20			1.2
M 4 A 20		20	88	80	20			1.5
M 4 A 24		24	104	96	20			2.2
M 4 A 25		25	108	100	20			2.4
M 4 A 28		28	120	112	20	40	H5	2.9
M 4 A 30		30	128	120	20			3.4
M 4 A 32		32	136	128	22			3.9
M 4 A 35		35	148	140	22			4.7
M 4 A 36		36	152	144	22			5.0
M 4 A 40		40	168	160	25	40	H5	6.1
M 4 A 45		45	188	180	25			7.8
M 4 A 48		48	200	192	25			8.9
M 4 A 50		50	208	200	30			9.6
M 4 A 55		55	228	220	30			11.7
M 4 A 56		56	232	224	30	40	H5	12.2
M 4 A 60		60	248	240	30			14.0

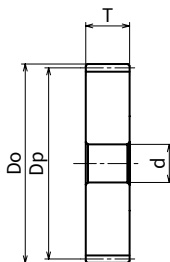
Order No. Example

M5A20

Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

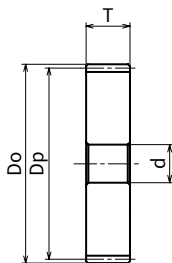
Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dh7	Tooth Width T	Shape	Weight (kg)
M 5 A 15	5	15	85	75	22	50	H5	1.6
M 5 A 18		18	100	90	22			2.4
M 5 A 20		20	110	100	22			2.9
M 5 A 24		24	130	120	25			4.3
M 5 A 25		25	135	125	25			4.7
M 5 A 28		28	150	140	25	50	H5	5.9
M 5 A 30		30	160	150	25			6.7
M 5 A 32		32	170	160	30			7.7
M 5 A 35		35	185	175	30			9.3
M 5 A 36		36	190	180	30			9.8
M 5 A 40		40	210	200	30	50	H5	12.1
M 5 A 45		45	235	225	30			15.3
M 5 A 48		48	250	240	30			17.5
M 5 A 50		50	260	250	30			19.0

KANA**MU-A Spur Gears A-type**● **Order No. Example****MU1A20**

Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7		Tooth Width T	Shape	Weight (kg)
					Pilot Hole dh7 (Minimum)	Maximum			
MU 1 A 20	1	20	22	20	6	8	6	H5	0.01
MU 1 A 24		24	26	24	6	12			0.02
MU 1 A 25		25	27	25	6	12			0.02
MU 1 A 28		28	30	28	6	14			0.03
MU 1 A 30		30	32	30	6	15			0.03
MU 1 A 32		32	34	32	6	14	6	H5	0.04
MU 1 A 35		35	37	35	6	16			0.04
MU 1 A 36		36	38	36	6	18			0.05
MU 1 A 40		40	42	40	6	20			0.06
MU 1 A 45		45	47	45	6	22	6	H5	0.07
MU 1 A 48		48	50	48	6	22			0.08
MU 1 A 50		50	52	50	8	25			0.09
MU 1 A 55		55	57	55	8	26	6	H5	0.11
MU 1 A 56		56	58	56	8	28			0.11
MU 1 A 60		60	62	60	8	30	6	H5	0.13
MU 1 A 70		70	72	70	8	32			0.18
MU 1 A 80		80	82	80	10	40			0.23
MU 1 A 100		100	102	100	10	50			0.37

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA**SUSM Stainless Steel Spur Gears**

● Order No. Example

SUSM1B20

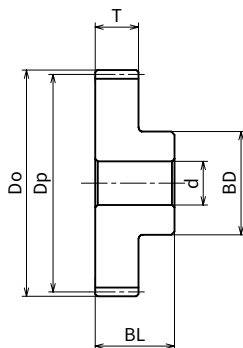
Module No. of Teeth



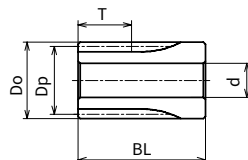
H1 Shape



H3 Shape



H1 Shape



H3 Shape

i	Precision Degree	JIS Class N8	GB	Material	303
	Tooth Type	Full Depth Tooth		Heat Treatment	—
	Pressure Angle	20°		Tooth Surface Hardness	HB187 or Less
m	Material	Stainless Steel	s	Surface Treatment	—

Module (m): 1

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter D _{H7}		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole d _{H7} (Minimum)	Maximum					
SUSM 1 B 15	15	17	15	8	8	17	10	30	H3	0.04
SUSM 1 B 16	16	18	16	8	8	18				0.04
SUSM 1 B 18	18	20	18	8	8	20		20	H1	0.06
SUSM 1 B 20	20	22	20	8	8	16				0.03
SUSM 1 B 22	22	24	22	8	8	18	10	20	H1	0.06
SUSM 1 B 24	24	26	24	8	8	20				0.07
SUSM 1 B 25	25	27	25	8	8	20		20	H1	0.08
SUSM 1 B 28	28	30	28	8	12	23				0.1
SUSM 1 B 30	30	32	30	8	12	25				0.12
SUSM 1 B 32	32	34	32	8	14	26				0.14
SUSM 1 B 35	35	37	35	8	14	26	10	20	H1	0.15
SUSM 1 B 36	36	38	36	8	16	28				0.17
SUSM 1 B 40	40	42	40	10	20	35				0.23
SUSM 1 B 42	42	44	42	10	20	35				0.24
SUSM 1 B 45	45	47	45	10	20	35	10	20	H1	0.26
SUSM 1 B 48	48	50	48	10	20	35				0.28
SUSM 1 B 50	50	52	50	10	20	35				0.29
SUSM 1 B 55	55	57	55	10	22	40				0.37
SUSM 1 B 56	56	58	56	10	22	40	10	20	H1	0.38
SUSM 1 B 60	60	62	60	10	22	40				0.31
SUSM 1 B 64	64	66	64	10	25	45				0.37
SUSM 1 B 70	70	72	70	10	30	50				0.45
SUSM 1 B 75	75	77	75	10	32	55	10	20	H1	0.53
SUSM 1 B 80	80	82	80	10	35	60				0.61
SUSM 1 B 90	90	92	90	10	35	60				0.72
SUSM 1 B 100	100	102	100	12	35	60	10	20	H1	0.83
SUSM 1 B 120	120	122	120	12	35	60				1.6

● Order No. Example

SUSM1.5B20

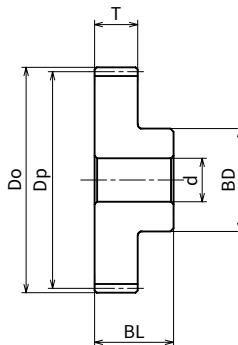
Module No. of Teeth



H1 Shape



H1 Shape



H1 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Stainless Steel
GB	Material	303
	Heat Treatment	—
h	Tooth Surface Hardness	HB187 or Less
s	Surface Treatment	—

Module (m): 1.5

Product Model Number	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter D _{H7}		Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
				Pilot Hole d _{H7} (Minimum)	Maximum					
SUSM 1.5 B 15	15	25.5	22.5	8	8	18				0.06
SUSM 1.5 B 16	16	27	24	8	8	20				0.08
SUSM 1.5 B 18	18	30	27	8	10	22	15	29	H1	0.1
SUSM 1.5 B 20	20	33	30	8	12	24				0.12
SUSM 1.5 B 22	22	36	33	8	14	26				0.15
SUSM 1.5 B 24	24	39	36	8	16	28				0.18
SUSM 1.5 B 25	25	40.5	37.5	8	17	30				0.2
SUSM 1.5 B 28	28	45	42	10	20	36	15	29	H1	0.26
SUSM 1.5 B 30	30	48	45	10	22	38				0.3
SUSM 1.5 B 32	32	51	48	10	22	40				0.34
SUSM 1.5 B 35	35	55.5	52.5	10	25	42				0.39
SUSM 1.5 B 36	36	57	54	10	25	45				0.43
SUSM 1.5 B 40	40	63	60	12	25	45	15	29	H1	0.49
SUSM 1.5 B 42	42	66	63	12	25	45				0.52
SUSM 1.5 B 45	45	70.5	67.5	12	25	45				0.58
SUSM 1.5 B 48	48	75	72	12	25	45				0.63
SUSM 1.5 B 50	50	78	75	12	30	50				0.72
SUSM 1.5 B 55	55	85.5	82.5	12	32	55	15	29	H1	0.87
SUSM 1.5 B 56	56	87	84	12	32	55				0.9
SUSM 1.5 B 60	60	93	90	15	35	60				1.0
SUSM 1.5 B 64	64	99	96	15	35	60				1.1
SUSM 1.5 B 70	70	108	105	15	42	70				1.4
SUSM 1.5 B 75	75	115.5	112.5	15	42	70	15	29	H1	1.6
SUSM 1.5 B 80	80	123	120	15	48	80				1.7
SUSM 1.5 B 90	90	138	135	15	48	80				2.2
SUSM 1.5 B 100	100	153	150	15	48	80	15	29	H1	2.6

KANA**SUSM Stainless Steel Spur Gears**

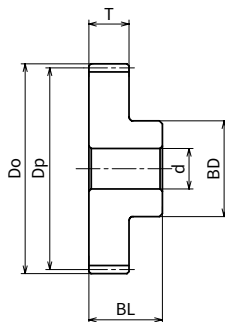
● Order No. Example

SUSM2B20

Module No. of Teeth



H1 Shape



H1 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Stainless Steel
GB	Material	303
	Heat Treatment	—
h	Tooth Surface Hardness	HB187 or Less
s	Surface Treatment	—

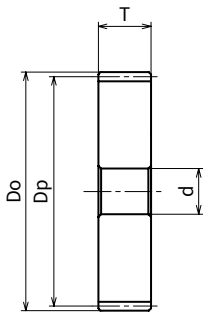
Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Shaft Hole Diameter DH7 Pilot Hole dh7 (Minimum)	Maximum	Boss Diameter BD	Tooth Width T	Boss Length BL	Shape	Weight (kg)
SUSM 2 B 15	2	15	34	30	12	12	24	20	36	H1	0.14
SUSM 2 B 16		16	36	32	12	12	26				0.16
SUSM 2 B 18		18	40	36	12	17	30				0.22
SUSM 2 B 20		20	44	40	12	18	32				0.27
SUSM 2 B 22		22	48	44	12	20	36				0.34
SUSM 2 B 24	2	24	52	48	12	22	38	20	36	H1	0.4
SUSM 2 B 25		25	54	50	12	22	40				0.44
SUSM 2 B 28		28	60	56	12	25	45				0.56
SUSM 2 B 30		30	64	60	12	30	50				0.67
SUSM 2.5 B 15	2.5	15	42.5	37.5	15	16	30	25	43	H1	0.26
SUSM 2.5 B 16		16	45	40	15	17	32				0.3
SUSM 2.5 B 18		18	50	45	15	22	38				0.42
SUSM 2.5 B 20		20	55	50	15	22	40				0.51
SUSM 2.5 B 22		22	60	55	15	25	44				0.63
SUSM 2.5 B 24	2.5	24	65	60	15	28	48	25	43	H1	0.76
SUSM 2.5 B 25		25	67.5	62.5	15	30	50				0.83
SUSM 2.5 B 28		28	75	70	15	35	60				1.1
SUSM 2.5 B 30		30	80	75	15	38	65				1.3
SUSM 3 B 15	3	15	51	45	15	20	36	30	50	H1	0.47
SUSM 3 B 16		16	54	48	15	22	38				0.54
SUSM 3 B 18		18	60	54	15	22	40				0.67
SUSM 3 B 20		20	66	60	15	30	50				0.91
SUSM 3 B 22		22	72	66	15	32	54				1.1
SUSM 3 B 24	3	24	78	72	15	32	58	30	50	H1	1.3
SUSM 3 B 25		25	81	75	20	35	60				1.4
SUSM 3 B 28		28	90	84	20	42	70				1.8
SUSM 3 B 30		30	96	90	20	45	75				2.1
SUSM 4 B 15	4	15	68	60	20	25	45	40	65	H1	1.1
SUSM 4 B 20		20	88	80	20	40	65				2.1
SUSM 4 B 25		25	108	100	20	50	84				3.4
SUSM 4 B 30		30	128	120	20	60	100				5.0

SUSM-A Stainless Steel Spur Gears A-type

● Order No. Example
SUSM2A32
Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Stainless Steel
GB	Material	303
	Heat Treatment	—
h	Tooth Surface Hardness	HB187 or Less
s	Surface Treatment	—

Product Model Number		Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dH7	Tooth Width T	Shape	Weight (kg)
SUSM 2 A 32		2	32	68	64	15	20	H5	0.48
SUSM 2 A 35			35	74	70	15			0.58
SUSM 2 A 36			36	76	72	15			0.62
SUSM 2 A 40			40	84	80	15			0.77
SUSM 2 A 42			42	88	84	15			0.85
SUSM 2 A 45			45	94	90	15	20	H5	0.98
SUSM 2 A 48			48	100	96	15			1.1
SUSM 2 A 50			50	104	100	15			1.2
SUSM 2 A 55			55	114	110	15			1.5
SUSM 2 A 56			56	116	112	15			1.5
SUSM 2 A 60		2.5	60	124	120	15	20	H5	1.8
SUSM 2 A 64			64	132	128	15			2.0
SUSM 2 A 70			70	144	140	15			2.4
SUSM 2.5 A 32			32	85	80	15	25	H5	0.96
SUSM 2.5 A 35			35	92.5	87.5	15			1.2
SUSM 2.5 A 36			36	95	90	15			1.2
SUSM 2.5 A 40			40	105	100	20			1.5
SUSM 2.5 A 42			42	110	105	20			1.7
SUSM 2.5 A 45			45	117.5	112.5	20	25	H5	1.9
SUSM 2.5 A 48			48	125	120	20			2.2
SUSM 2.5 A 50			50	130	125	20			2.4
SUSM 2.5 A 55			55	142.5	137.5	20			2.9
SUSM 2.5 A 56			56	145	140	20			3.0
SUSM 2.5 A 60		2.5	60	155	150	20	25	H5	3.4
SUSM 2.5 A 64			64	165	160	20			3.9

KANA

SUSM-A Stainless Steel Spur Gears A-type

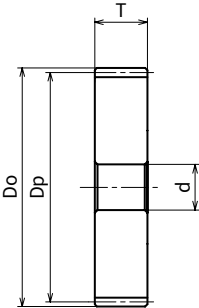
● Order No. Example

SUSM3A40

Module No. of Teeth



H5 Shape



H5 Shape

	Precision Degree	JIS Class N8
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Stainless Steel
GB	Material	303
	Heat Treatment	—
h	Tooth Surface Hardness	HB187 or Less
s	Surface Treatment	—

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dH7	Tooth Width T	Shape	Weight (kg)
SUSM 3 A 32	3	32	102	96	20	30	H5	1.6
SUSM 3 A 35		35	111	105	20			2.0
SUSM 3 A 36		36	114	108	20			2.1
SUSM 3 A 40		40	126	120	25			2.6
SUSM 3 A 42		42	132	126	25			2.8
SUSM 3 A 45		45	141	135	25	30	H5	3.3
SUSM 3 A 48		48	150	144	25			3.8
SUSM 3 A 50		50	156	150	25			4.1
SUSM 3 A 55		55	171	165	25			5.0
SUSM 3 A 56		56	174	168	25			5.2
SUSM 3 A 60		60	186	180	25	30	H5	5.9
SUSM 4 A 40	4	40	168	160	30	40	H5	6.2
SUSM 4 A 50		50	208	200	30			9.7

KANA

Katayama Chain Homepage

<https://en.kana.co.th/#/>

Access to Digital Catalog Information!

KANA

KF Rack Gear

● Order No. Example

KF2 - 1000

Module Boss Length



We fulfill requests for all specified dimensional cutting, cut surface and mounting hole machining.

	Precision Degree	DIN 3962 Q9
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB210 or Less
s	Surface Treatment	Black Oxide Coating

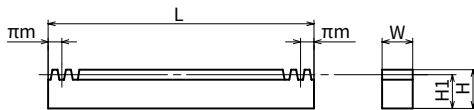
Product Model Number	Module (m)	Total Length L	Effective No. of Teeth	Tooth Width W	Height H	Engagement Height H1	Shape	Weight (kg)
KF1 - 500	1	499.51	159	10	12	11.0	KF	0.4
KF1 - 1000		999.03	318					0.8
KF1.5- 500	1.5	499.51	106	15	20	18.5	KF	1.1
KF1.5-1000		999.03	212					2.2
KF1.5-1500		1,507.97	320					3.3
KF1.5-2000		2,049.89	435					4.5
KF2 - 500	2	502.66	80	20	25	23.0	KF	1.9
KF2 - 1000		1,005.31	160					3.7
KF2 - 1500		1,507.97	240					5.5
KF2 - 2000		2,048.32	326					7.4
KF2.5- 500	2.5	502.66	64	25	30	27.5	KF	2.7
KF2.5-1000		1,005.31	128					5.4
KF2.5-1500		1,507.97	192					8.2
KF2.5-2000		2,049.89	261					11.1
KF3 - 500	3	499.51	53	30	35	32.0	KF	3.8
KF3 - 1000		999.03	106					7.6
KF3 - 1500		1,507.97	160					11.5
KF3 - 2000		2,045.18	217					15.5



Recommended Mating Gears:

M Spur Gears (P.384)

M-A Spur Gears A-type (P.412)



KF Shape

	Precision Degree	DIN 3962 Q9
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB210 or Less
	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	Boss Length L	Effective No. of Teeth	Tooth Width W	Height H	Engagement Height H1	Shape	Weight (kg)
KF 4- 500	4	502.66	40	40	45	41.0	KF	6.5
KF 4-1000		1,005.31	80					13
KF 4-1500		1,507.97	120					19.5
KF 4-2000		2,048.32	163					26.4
KF 5- 500	5	502.66	32	50	50	45.0	KF	8.9
KF 5-1000		1,005.31	64					17.9
KF 5-1500		1,507.97	96					26.8
KF 6- 500	6	508.94	27	60	60	54.0	KF	12.9
KF 6-1000		999.03	53					25.7

**Recommended Mating Gears:****M Spur Gears (P.384)****M-A Spur Gears A-type (P.412)**

KANA

KFH Mounting Hole Machined Rack Gear

● Order No. Example

KFH2 - 1000

Module Boss Length

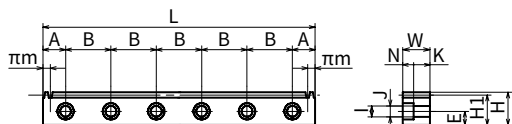


Product Model Number	Module (m)	Boss Length L	Effective No. of Teeth	Tooth Width W	Height H	Engagement Height H1	Shape	Weight (kg)	
KFH 1.5-1000	1.5	999.03	212	15	20	18.5	KFH	2.1	
KFH 1.5-1500		1,507.97	320					3.2	
KFH 1.5-2000		2,049.89	435					4.4	
KFH 2 -1000	2	1,005.31	160	20	25	23.0	KFH	3.6	
KFH 2 -1500		1,507.97	240					5.4	
KFH 2 -2000		2,048.32	326					7.3	
KFH 2.5-1000	2.5	1,005.31	128	25	30	27.5	KFH	5.3	
KFH 2.5-1500		1,507.97	192					8.0	
KFH 2.5-2000		2,049.89	261					10.8	
KFH 3 -1000	3	999.03	106	30	35	32.0	KFH	7.4	
KFH 3 -1500		1,507.97	160					11.2	
KFH 3 -2000		2,045.18	217					15.3	
KFH 4 -1000	4	1,005.31	80	40	45	41.0	KFH	12.6	
KFH 4 -1500		1,507.97	120					19.0	
KFH 4 -2000		2,048.32	163					26.0	
KFH 5 -1000	5	1,005.31	64	50	50	45.0	KFH	17.2	
KFH 5 -1500		1,507.97	96					26.1	
KFH 6 -1000	6	999.03	53	60	60	54.0	KFH	25.0	



Recommended Mating Gears:

M Spur Gears (P.384)**M-A Spur Gears A-type (P.412)**



KFH Shape

	Precision Degree	DIN 3962 Q9
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB210 or Less
s	Surface Treatment	Black Oxide Coating

	Screw Used	No. of Holes	Hole Dimensions			Counterbore Dimensions				Product Model Number
			A	B	E	I	J	N	K	
	M5	6 9 12	49.52 33.99 34.95	180	8	10	6	6	9	KFH 1.5 - 1000 KFH 1.5 - 1500 KFH 1.5 - 2000
	M6	6 9 12	52.66 33.99 34.16		10	11	7	7	13	KFH 2 - 1000 KFH 2 - 1500 KFH 2 - 2000
	M8	6 9 12	52.66 33.99 34.95		12	14	9	9	16	KFH 2.5 - 1000 KFH 2.5 - 1500 KFH 2.5 - 2000
	M10	6 9 12	49.52 33.99 32.58		14	18	11	11	19	KFH 3 - 1000 KFH 3 - 1500 KFH 3 - 2000
	M12	6 9 12	52.66 33.99 34.16		18	20	14	14	26	KFH 4 - 1000 KFH 4 - 1500 KFH 4 - 2000
	M14	5 7	62.66 93.99	220	20	23	16	16	34	KFH 5 - 1000 KFH 5 - 1500
	M16	5	59.52		23	26	18	18	42	KFH 6 - 1000

KANA

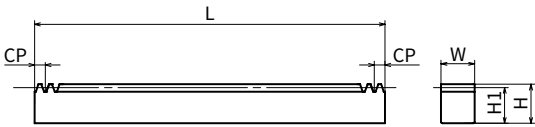
KCPF CP Racks

● Order No. Example

KCPF10 - 1000

Pitch

Boss Length



KF Shape

	Precision Degree	DIN 3962 Q9
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB210 or Less
s	Surface Treatment	Black Oxide Coating

We fulfill requests for all specified dimensional cutting, cut surface and mounting hole machining.

Product Model Number	Pitch mm (Module)	Total Length L	Effective No. of Teeth	Tooth Width W	Height H	Engagement Height H1	Shape	Weight (kg)
KCPF 5 -1000	CP 5 (1.5915)	1,000	200	15	20	18.41	KF	2.2
KCPF 5 -1500		1,500	300					3.2
KCPF 5 -2000		2,050	410					4.4
KCPF10 -1000	CP10 (3.1831)	1,000	100	30	35	31.82	KF	7.4
KCPF10 -1500		1,500	150					11.1
KCPF10 -2000		2,050	205					15.2

KANA

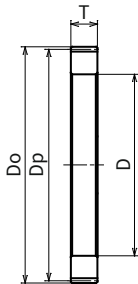
CRM Ring Gears

NEW

● Order No. Example

CRM2-120

Module Boss Length



H6 Shape



	Precision Degree	JIS Class N9
i	Tooth Type	Full Depth Tooth
	Pressure Angle	20°
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

Product Model Number	Module (m)	No. of Teeth	Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Hole Diameter dH6	Tooth Width T	Shape	Weight (kg)
CRM2 -120	2	120	244	240	194	20	H6	2.5
CRM2 -200		200	404	400	354			4.3
CRM2.5-120	2.5	120	305	300	245	25		4.6
CRM2.5-200		200	505	500	445			8.0
CRM3 -120	3	120	366	360	296	30		7.8
CRM3 -160		160	486	480	416			10.6

KANA

KU Worms



● Order No. Example

KU1-R1

Module **L** No. of Threads
Torsion Direction

Torsion Direction
R=Right
L=Left

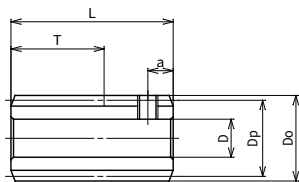


U1 Shape
L (Left)

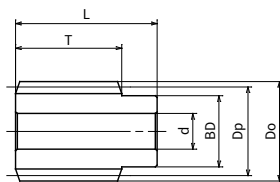


U1 Shape
R (Right)

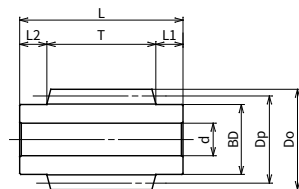
Product Model Number	Tooth Right Angle Module (m)	Pressure Angle	No. of Threads	Lead Angle	Torsion Direction	Shaft Hole Diameter D _{H7}		Tooth Tip Circle Diameter D _o	
						Pilot Hole d _{H7} (Minimum)	Maximum		
KU1 -R1	1	20°	1	3° 35'	R	6	6	18	
KU1.5-R1	1.5	20°		3° 26'		8	10	28	
KU2 -L1	2	14° 30'		3° 42'	L	12	14	35	
KU2 -R1		14° 30'		3° 42'	R	12	14	35	
KU2.5-L1	2.5	20°		3° 52'	L	15	17	42	
KU2.5-R1		20°		3° 52'	R	15	17	42	
KU3 -L1	3	14° 30'		3° 55'	L	16	20	50	
KU3 -R1		14° 30'		3° 55'	R	16	20	50	
KU4 -R1	4	14° 30'		3° 42'	R	22	30	70	
KU5 -R1	5	14° 30'		4° 06'		25	32	80	
KU6 -R1	6	14° 30'		4° 18'		30	38	92	



U1 Shape



U2 Shape



U3 Shape

	Gear Reference Surface	Tooth Right Angle
i	Tooth Type	Full Depth Tooth
	Tooth Right Angle/Pressure Angle	20° (14° 30')
m	Material	Carbon Structural Steel
	Heat Treatment	—
h	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

	Reference Circle Diameter Dp	Boss Diameter BD	Boss Length L	Pilot Hole Diameter d _{H7}	Tooth Width T	Total Length (Right) L1	Total Length (Left) L2	Screw Hole		Shape	Weight (kg)	Product Model Number
	16	—	32	6	(20)	—	—	M4	5	U2	0.04	KU1 -R1
	25	20	40	8	30	10	—	—	—	U1	0.12	KU1.5-R1
	31	25	46	12	32	14	—	—	—	—	0.2	KU2 -L1
	31	25	46	12	32	14	—	—	—	U1	0.2	KU2 -R1
	37	30	63	15	45	18	—	—	—	—	0.39	KU2.5-L1
	37	30	63	15	45	18	—	—	—	U1	0.39	KU2.5-R1
	44	35	70	16	50	20	—	—	—	—	0.64	KU3 -L1
	44	35	70	16	50	20	—	—	—	U1	0.64	KU3 -R1
	62	50	95	22	70	25	—	—	—	U1	1.8	KU4 -R1
	70	56	125	25	85	20	20	—	—	—	2.9	KU5 -R1
	80	64	150	30	100	25	25	—	—	U3	4.3	KU6 -R1

KANA**FCUH Worm Wheels**● **Order No. Example****FCUH1-60R1**

Module No. of Teeth **L** No. of Mating Threads
Torsion Direction

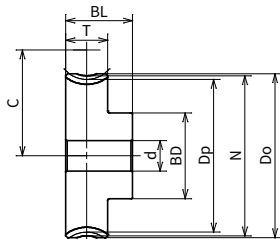
Torsion Direction
R=Right
L=Left



UH1 Shape
L (Left)



UH1 Shape
R (Right)



UH1 Shape

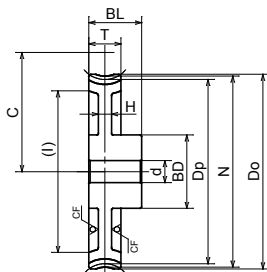


L (Left)

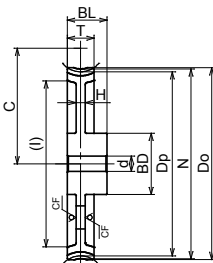


R (Right)

Product Model Number	Tooth Right Angle Module (m)	Pressure Angle	Reduction Ratio	No. of Teeth	No. of Mating Threads	Torsion Angle	Torsion Direction	Shaft Hole Diameter DH7		Boss Diameter BD					
								Pilot Hole dH7 (Minimum)	Maximum						
FCUH1 - 60R1	1	20°	1:60	60	1	3° 35'	R	10	17	30					
FCUH1 - 80R1		20°	1:80	80					19	35					
FCUH1 -100R1		20°	1:100	100					22	40					
FCUH1 -120R1		20°	1:120	120					22	40					
FCUH1.5- 30R1	1.5	20°	1:30	30		3° 26'		R		17	30				
FCUH1.5- 40R1		20°	1:40	40						17	30				
FCUH1.5- 50R1		20°	1:50	50						22	40				
FCUH1.5- 60R1		20°	1:60	60						22	40				
FCUH2 - 20R1	2	14° 30'	1:20	20		3° 42'	L		12	17	33				
FCUH2 - 30R1		14° 30'	1:30	30						22	40				
FCUH2 - 40R1		14° 30'	1:40	40						25	45				
FCUH2 - 50R1		14° 30'	1:50	50						28	48				
FCUH2 - 60R1		14° 30'	1:60	60						35	60				
FCUH2 - 20L1		14° 30'	1:20	20						17	33				
FCUH2 - 30L1		14° 30'	1:30	30						22	40				
FCUH2 - 40L1		14° 30'	1:40	40						25	45				
FCUH2 - 50L1		14° 30'	1:50	50					28	48					
FCUH2 - 60L1		14° 30'	1:60	60					35	60					
FCUH2.5- 20R1		20°	1:20	20					19	35					
FCUH2.5- 30R1		20°	1:30	30					22	40					
FCUH2.5- 40R1	2.5	20°	1:40	40		3° 52'	R	15	25	45					
FCUH2.5- 50R1		20°	1:50	50					30	50					
FCUH2.5- 60R1		20°	1:60	60					32	55					
FCUH2.5- 20L1		20°	1:20	20					19	35					
FCUH2.5- 40L1		20°	1:40	40			L		12	15	19	35	25	45	
FCUH3 - 20R1	3	14° 30'	1:20	20		3° 55'	R	20	30	50					
FCUH3 - 30R1		14° 30'	1:30	30					32	55					
FCUH3 - 40R1		14° 30'	1:40	40					32	55					
FCUH3 - 50R1		14° 30'	1:50	50					35	63					
FCUH3 - 60R1		14° 30'	1:60	60			42		70						
FCUH3 - 20L1		14° 30'	1:20	20			30		50						
FCUH3 - 30L1		14° 30'	1:30	30			32		55						
FCUH3 - 50L1		14° 30'	1:50	50			35		63						
FCUH3 - 60L1		14° 30'	1:60	60					42	70					
FCUH4 - 20R1	4	14° 30'	1:20	20		3° 42'	R		35	60					
FCUH4 - 30R1		14° 30'	1:30	30					35	60					
FCUH4 - 40R1		14° 30'	1:40	40					42	70					
FCUH4 - 50R1		14° 30'	1:50	50					42	70					
FCUH4 - 60R1		14° 30'	1:60	60							45	80			
FCUH5 - 20R1	5	14° 30'	1:20	20		4° 06'			R	22	42	75			
FCUH5 - 30R1		14° 30'	1:30	30							42	75			
FCUH5 - 40R1		14° 30'	1:40	40							50	90			
FCUH5 - 50R1		14° 30'	1:50	50			50	90							
FCUH5 - 60R1		14° 30'	1:60	60					55	100					
FCUH6 - 20R1	6	14° 30'	1:20	20		4° 18'		25	55	100					
FCUH6 - 30R1		14° 30'	1:30	30					55	100					
FCUH6 - 40R1		14° 30'	1:40	40					55	100					
FCUH6 - 50R1		14° 30'	1:50	50					55	100					
FCUH6 - 60R1		14° 30'	1:60	60							65	120			



* The CF part remains as cast.
UH2 Shape



* The CF part remains as cast.
UH3 Shape

	Gear Reference Surface	Tooth Right Angle
i	Tooth Type	Full Depth Tooth
	Tooth Right Angle/ Pressure Angle	20° (14° 30')
m	Material	Cast Iron FC200
	Heat Treatment	—
h	Tooth Surface Hardness	HB223 or Less
s	Surface Treatment	—

Tooth Tip Circle Diameter Do	Reference Circle Diameter Dp	Worm Wheel Throat Diameter N	Tooth Width T	Boss Length F	Boss Length BL	Spoke Thickness H	Rim Diameter I	Engagement Center Distance C	Shape	Weight (kg)	Product Model Number
63	60.12	62	10	10	20	—	—	38	UH1	0.25	FCUH1 - 60R1
83	80.16	82						48		0.04	FCUH1 - 80R1
103	100.2	102						58		0.67	FCUH1 -100R1
123	120.24	122						68		0.92	FCUH1 -120R1
49.5	45.08	48	12	12	22	—	—	35		0.18	FCUH1.5- 30R1
64.5	60.11	63						42.5		0.28	FCUH1.5- 40R1
79.5	75.13	78						50		0.54	FCUH1.5- 50R1
94.5	90.16	93						57.5		0.74	FCUH1.5- 60R1
46	40.08	44	13	35	—	—	—	35.5		0.27	FCUH2 - 20R1
66	60.13	64						45.5		0.58	FCUH2 - 30R1
86	80.17	84						55.5		0.97	FCUH2 - 40R1
106	100.21	104						65.5		1.5	FCUH2 - 50R1
126	120.25	124						75.5		2.1	FCUH2 - 60R1
46	40.08	44						35.5		0.27	FCUH2 - 20L1
66	60.13	64						45.5		0.58	FCUH2 - 30L1
86	80.17	84						55.5		0.97	FCUH2 - 40L1
106	100.21	104	22	—	—	—	—	65.5		1.5	FCUH2 - 50L1
126	120.25	124						75.5		2.1	FCUH2 - 60L1
57.5	50.11	55		14	36	—	—	43.5	UH2	0.41	FCUH2.5- 20R1
82.5	75.17	80						56		0.83	FCUH2.5- 30R1
107.5	100.23	105						68.5		1.4	FCUH2.5- 40R1
132.5	125.29	130						81		1.6	FCUH2.5- 50R1
157.5	150.34	155						93.5	UH1	2.0	FCUH2.5- 60R1
57.5	50.11	55						43.5		0.40	FCUH2.5- 20L1
107.5	100.23	105						68.5		1.4	FCUH2.5- 40L1
69	60.14	66	28	15	43	—	—	52		0.74	FCUH3 - 20R1
99	90.21	96						67	UH2	1.5	FCUH3 - 30R1
129	120.28	126						82		1.9	FCUH3 - 40R1
159	150.35	156						97		2.7	FCUH3 - 50R1
189	180.42	186						112		3.6	FCUH3 - 60R1
69	60.14	66						52	UH1	0.74	FCUH3 - 20L1
99	90.21	96						67		1.5	FCUH3 - 30L1
159	150.35	156						97		2.7	FCUH3 - 50L1
189	180.42	186						112		3.6	FCUH3 - 60L1
90	80.17	88	35	17	52	—	—	71	UH1	1.6	FCUH4 - 20R1
130	120.25	128						91		3.2	FCUH4 - 30R1
171	160.33	168						111	UH2	4.1	FCUH4 - 40R1
211	200.42	208						131		5.0	FCUH4 - 50R1
251	240.5	248						151	UH3	6.7	FCUH4 - 60R1
113	100.26	110	45	65	—	—	—	85	UH1	3.2	FCUH5 - 20R1
163	150.38	160						110		5.1	FCUH5 - 30R1
213	200.51	210						135	UH3	7.8	FCUH5 - 40R1
263	250.61	260						160		10.2	FCUH5 - 50R1
313	300.77	310						185		12.5	FCUH5 - 60R1
136	120.34	132	52	72	—	—	—	100	UH1	5.5	FCUH6 - 20R1
196	180.51	192						130		8.8	FCUH6 - 30R1
256	240.68	252						160	UH3	11.6	FCUH6 - 40R1
316	300.85	312						190		14.7	FCUH6 - 50R1
376	361.02	372						220		20.6	FCUH6 - 60R1

KANA

KM Miter Gears

● Order No. Example

KM 1-20

Module No. of Teeth

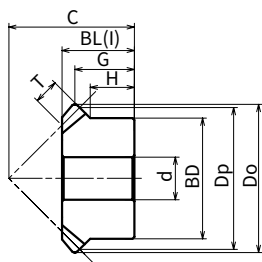


M2 shape

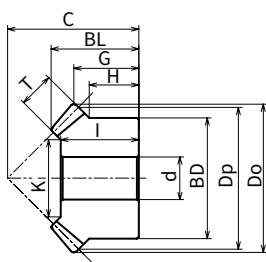
M3 shape

Product Model Number	Module (m)	No. of Teeth	Hole Diameter d_{H7}	Boss Diameter BD	Tooth Tip Circle Diameter D_o	Reference Circle Diameter D_p	Assembly Distance C
KM1 -20	1	20	6	16	21.41	20	20
KM1.5 -20	1.5		8	26	32.12	30	30
KM2 -20	2		12	34	42.83	40	37
KM2.5 -20	2.5		14	42	53.54	50	48
KM3 -20	3		16	50	64.24	60	58
KM3.5 -20	3.5		20	60	74.95	70	65
KM4 -20	4		20	64	85.65	80	75
KM1 -25	1	25	6	20	26.41	25	23
KM1.5 -25	1.5		10	30	39.62	37.5	34
KM2 -25	2		12	40	52.83	50	40
KM2.5 -25	2.5		16	50	66.04	62.5	50
KM3 -25	3		20	60	79.24	75	60
KM3.5 -25	3.5		25	70	92.45	87.5	70
KM4 -25	4		28	80	105.66	100	80
KM1 -30	1	30	8	24	31.41	30	28
KM1.5 -30	1.5		10	36	47.12	45	43
KM2 -30	2		12	45	62.83	60	50
KM2.5 -30	2.5		16	60	78.54	75	62
KM3 -30	3		20	70	94.24	90	75
KM3.5 -30	3.5		25	90	109.95	105	85
KM4 -30	4		28	100	125.66	120	95

* Use miter gears, 2 pieces/set.



M2 Shape



M3 Shape

	Precision Degree	JIS B 1704 Class 3
i	Tooth Type	Gleason
	Pressure Angle	20°
m	Material	Carbon Structural Steel
h	Heat Treatment	—
	Tooth Surface Hardness	HB200 or Less
s	Surface Treatment	Black Oxide Coating

	Boss Length BL	Tooth distance G	Boss Length H	Length of Hole I	Tooth Width T	Pressing Surface Diameter K	Shape	Weight (kg)	Product Model Number
	13.94	10.71	8	12	5	9.86	M3	0.02	KM1 -20
	21.24	16.06	13	19	8	15.378		0.07	KM1.5 -20
	24.89	18.41	14	22	10	21.72		0.15	KM2 -20
	32.54	24.77	19	29	12	28.06		0.30	KM2.5 -20
	39.84	30.12	23	35	15	31.567		0.53	KM3 -20
	44.13	32.47	25	40	18	39.1		0.82	KM3.5 -20
	50.78	37.83	27	45	20	43.436		1.15	KM4 -20
	15.16	11.21	8	14	6	15.03		0.04	KM1 -25
	22.25	16.31	11.5	19	9	19.54		0.11	KM1.5 -25
	24.33	16.41	10	20	12	26.06		0.22	KM2 -25
	30.41	20.52	12.5	26	15	34.57		0.42	KM2.5 -25
	37.81	24.62	15	32	20	37.44		0.74	KM3 -25
	43.23	28.72	17.5	37	22	46.77		1.15	KM3.5 -25
	49.32	32.83	20	43	25	55.29		1.73	KM4 -25
	17.71	13.71	10	16	6	19.03		0.06	KM1 -30
	28.24	21.56	16	25	10	25.7		0.21	KM1.5 -30
	29.42	21.41	12.5	25	12	36.07		0.37	KM2 -30
	36.28	26.27	17	32	15	47.57		0.76	KM2.5 -30
	45.47	32.12	20	40	20	53.43		1.32	KM3 -30
	49.66	34.97	25	45	22	67.77		2.20	KM3.5 -30
	54.52	37.83	25	50	25	79.28		3.09	KM4 -30

Trademark Registration

Registration Number	Trademark	Remarks	
Registration 0755719	KANA	Company Brand Name. Company Brand Name. Chairman K atayama N agaaki (片山長昭) spelled using initials.	
Registration 1832470	Finished Bore	The collective name of sprockets for shaft hole complete products, independently developed by our company. Independently developed products that are synonymous with KANA.	
Registration 2125982	FBN	Model numbers of our main lines, sprockets for shaft hole complete products. New JIS Key Machining version.	
Registration 4293498	DOLS	Company's Logistic System. Acronym of Direct Order Line Service	
Registration 4903137	Katayama Chain	Company Name. Formally known as "Katayama Chain, Co., Ltd."	
Registration 4945578	FITLINK	The first of its kind! The collective name of the roller chain with an established innovative sales method for standard roller chains.	
Registration 6431863	SEMI-F	Additionally engineered products created from standard tap hole products which undergo Katayama Chain's unique standardized dimension machining.	
Registration Number	Trademark	Registration Number	Trademark
Registration 1367656	KANALON	Registration 4185969	KANAFLEX
Registration 2076135	KANALOCK	Registration 4439246	DOUBLE SINGLE
Registration 2312443	TYC	Registration 4858155	FBX
Registration 2559114	Finished/Bore∞sprocket	Registration 4907857	Double Pitch
Registration 2723887	KANAFLEX	Registration 4921025	FBK
Registration 3071213	FBZ	Registration 4927705	KPL
Registration 3155495	KANA/JAPAN	Registration 4945579	FIXLINK
Registration 3184361	FBGN	Registration 5081799	STOCK
Registration 3184362	FBGK	Registration 5084590	URTRA
Registration 3226789	FBG	Registration 5111148	TRANSTEE/TRANSFER
Registration 3233528	Single-Double	Registration 5244357	KANA SUPER TORQUE TIMING
Registration 4082937	STOCK BORE	Registration 5345834	KMC
Registration 4082938	PILOT BORE	Registration 5534208	SPANNBOX

Chain Coupling Structure

The cover joint is more prone to lubricant leakage when the temperature increases or the lubricant viscosity is low, so silicone sealant has been applied. Prevents lubricant from leaking out.



[Patent Number] Patent No. 5728121

Product Index Product Model Number Index

Product Model Number	Product Category	Listed Page
A		
AD	ID Adapters	306
C		
CK	Chain Cutters	296
CK23A	Chain Cutters	298
CK345A	Chain Cutters	298
CK456A	Chain Cutters	298
CKP	Chain Cutters	296
CKP-A	Chain Cutters	298
CKPH	Chain Cutters	296
CKPHW	Chain Cutters	296
CKPW	Chain Cutters	296
CKP-WA	Chain Cutters	298
CKUH	Chain Cutters	296
CKUHW	Chain Cutters	296
CKW	Chain Cutters	296
CRM2	CRM Ring Gears	433
CRM2.5	CRM Ring Gears	433
CRM3	CRM Ring Gears	433
E		
EPID-C-D	Plastic Idler Sprockets	304
F		
FBK3012	Chain Couplings	318
FBK3012-BK	Chain Couplings	318
FBK3012-CM	Chain Couplings	318
FBK3012-UC	Chain Couplings	318
FBK35B	Sprockets	34
FBK35B-BK	Sprockets	36
FBK35B-CM	Sprockets	36
FBK35B-UC	Sprockets	36
FBK4012	Chain Couplings	318
FBK4012-BK	Chain Couplings	318
FBK4012-CM	Chain Couplings	318
FBK4012-UC	Chain Couplings	318
FBK4014	Chain Couplings	318
FBK4014-BK	Chain Couplings	318
FBK4014-CM	Chain Couplings	318
FBK4014-UC	Chain Couplings	318
FBK4016	Chain Couplings	318
FBK4016-BK	Chain Couplings	318
FBK4016-CM	Chain Couplings	318
FBK4016-UC	Chain Couplings	318
FBK40B	Sprockets	56
FBK40B-BK	Sprockets	58
FBK40B-CM	Sprockets	58
FBK40B-UC	Sprockets	58
FBK5014	Chain Couplings	318
FBK5014-BK	Chain Couplings	318
FBK5014-CM	Chain Couplings	318
FBK5014-UC	Chain Couplings	318
FBK5016	Chain Couplings	318
FBK5016-BK	Chain Couplings	318

Product Model Number	Product Category	Listed Page
FBK5016-CM	Chain Couplings	318
FBK5016-UC	Chain Couplings	318
FBK5018	Chain Couplings	319
FBK5018-BK	Chain Couplings	319
FBK5018-CM	Chain Couplings	319
FBK5018-UC	Chain Couplings	319
FBK50B	Sprockets	84
FBK50B-BK	Sprockets	86
FBK50B-CM	Sprockets	86
FBK50B-UC	Sprockets	86
FBK6018	Chain Couplings	319
FBK6018-BK	Chain Couplings	319
FBK6018-CM	Chain Couplings	319
FBK6018-UC	Chain Couplings	319
FBK6022	Chain Couplings	319
FBK6022-BK	Chain Couplings	319
FBK6022-CM	Chain Couplings	319
FBK6022-UC	Chain Couplings	319
FBK60B	Sprockets	112
FBK60B-BK	Sprockets	114
FBK60B-CM	Sprockets	114
FBK60B-UC	Sprockets	114
FBK80B	Sprockets	140
FBK80B-BK	Sprockets	142
FBK80B-CM	Sprockets	142
FBK80B-UC	Sprockets	142
FBN100B	Sprockets	162
FBN100B-BK	Sprockets	164
FBN100B-CM	Sprockets	164
FBN100B-UC	Sprockets	164
FBN120B	Sprockets	182
FBN120B-BK	Sprockets	183
FBN120B-CM	Sprockets	183
FBN120B-UC	Sprockets	183
FBN15B	Sprockets	18
FBN15B-BK	Sprockets	19
FBN15B-CM	Sprockets	19
FBN15B-UC	Sprockets	19
FBN2040B	Sprockets	210
FBN2040B-BK	Sprockets	211
FBN2040B-CM	Sprockets	211
FBN2040B-UC	Sprockets	211
FBN2042B	Sprockets	214
FBN2042B-BK	Sprockets	215
FBN2042B-CM	Sprockets	215
FBN2042B-UC	Sprockets	215
FBN2050B	Sprockets	210
FBN2050B-BK	Sprockets	211
FBN2050B-CM	Sprockets	211
FBN2050B-UC	Sprockets	211
FBN2052B	Sprockets	214
FBN2052B-BK	Sprockets	215
FBN2052B-CM	Sprockets	215
FBN2052B-UC	Sprockets	215
FBN2060B	Sprockets	210
FBN2060B-BK	Sprockets	211

Product Index Product Model Number Index

Product Model Number	Product Category	Listed Page
F		
FBN2060B-CM	Sprockets	211
FBN2060B-UC	Sprockets	211
FBN2062B	Sprockets	216
FBN2062B-BK	Sprockets	217
FBN2062B-CM	Sprockets	217
FBN2062B-UC	Sprockets	217
FBN2080B	Sprockets	212
FBN2080B-BK	Sprockets	213
FBN2080B-CM	Sprockets	213
FBN2080B-UC	Sprockets	213
FBN2082B	Sprockets	216
FBN2082B-BK	Sprockets	217
FBN2082B-CM	Sprockets	217
FBN2082B-UC	Sprockets	217
FBN2100B	Sprockets	212
FBN2100B-BK	Sprockets	213
FBN2100B-CM	Sprockets	213
FBN2100B-UC	Sprockets	213
FBN25B	Sprockets	22
FBN25B-BK	Sprockets	23
FBN25B-CM	Sprockets	23
FBN25B-UC	Sprockets	23
FBN3012	Chain Couplings	312
FBN3012-BK	Chain Couplings	312
FBN3012-CM	Chain Couplings	312
FBN3012-UC	Chain Couplings	312
FBN35B	Sprockets	30
FBN35B-BK	Sprockets	32
FBN35B-CM	Sprockets	32
FBN35B-UC	Sprockets	32
FBN4012	Chain Couplings	312
FBN4012-BK	Chain Couplings	312
FBN4012-CM	Chain Couplings	312
FBN4012-UC	Chain Couplings	312
FBN4014	Chain Couplings	312
FBN4014-BK	Chain Couplings	312
FBN4014-CM	Chain Couplings	312
FBN4014-UC	Chain Couplings	312
FBN4016	Chain Couplings	312
FBN4016-BK	Chain Couplings	312
FBN4016-CM	Chain Couplings	312
FBN4016-UC	Chain Couplings	312
FBN40B	Sprockets	52
FBN40B-BK	Sprockets	54
FBN40B-CM	Sprockets	54
FBN40B-UC	Sprockets	54
FBN40SD	Sprockets	62
FBN40SD-BK	Sprockets	63
FBN40SD-CM	Sprockets	63
FBN40SD-UC	Sprockets	63
FBN5014	Chain Couplings	313
FBN5014-BK	Chain Couplings	313
FBN5014-CM	Chain Couplings	313
FBN5014-UC	Chain Couplings	313

Product Model Number	Product Category	Listed Page
FBN5016	Chain Couplings	313
FBN5016-BK	Chain Couplings	313
FBN5016-CM	Chain Couplings	313
FBN5016-UC	Chain Couplings	313
FBN5018	Chain Couplings	314
FBN5018-BK	Chain Couplings	314
FBN5018-CM	Chain Couplings	314
FBN5018-UC	Chain Couplings	314
FBN50B	Sprockets	80
FBN50B-BK	Sprockets	82
FBN50B-CM	Sprockets	82
FBN50B-UC	Sprockets	82
FBN50SD	Sprockets	90
FBN50SD-BK	Sprockets	91
FBN50SD-CM	Sprockets	91
FBN50SD-UC	Sprockets	91
FBN6018	Chain Couplings	315
FBN6018-BK	Chain Couplings	315
FBN6018-CM	Chain Couplings	315
FBN6018-UC	Chain Couplings	315
FBN6022	Chain Couplings	316
FBN6022-BK	Chain Couplings	316
FBN6022-CM	Chain Couplings	316
FBN6022-UC	Chain Couplings	316
FBN60B	Sprockets	108
FBN60B-BK	Sprockets	110
FBN60B-CM	Sprockets	110
FBN60B-UC	Sprockets	110
FBN60SD	Sprockets	118
FBN60SD-BK	Sprockets	119
FBN60SD-CM	Sprockets	119
FBN60SD-UC	Sprockets	119
FBN8018	Chain Couplings	316
FBN8018-BK	Chain Couplings	316
FBN8018-CM	Chain Couplings	316
FBN8018-UC	Chain Couplings	316
FBN8022	Chain Couplings	317
FBN8022-BK	Chain Couplings	317
FBN8022-CM	Chain Couplings	317
FBN8022-UC	Chain Couplings	317
FBN80B	Sprockets	136
FBN80B-BK	Sprockets	138
FBN80B-CM	Sprockets	138
FBN80B-UC	Sprockets	138
FBN80SD	Sprockets	146
FBN80SD-BK	Sprockets	147
FBN80SD-CM	Sprockets	147
FBN80SD-UC	Sprockets	147
FBP15B	Sprockets	18
FBP15B-BK	Sprockets	19
FBP15B-CM	Sprockets	19
FBP15B-UC	Sprockets	19
FCUH1.5-R1	FCUH Worm Wheels	436
FCUH1-R1	FCUH Worm Wheels	436
FCUH2.5-L1	FCUH Worm Wheels	436
FCUH2.5-R1	FCUH Worm Wheels	436

Product Index Product Model Number Index

Product Model Number	Product Category	Listed Page
F		
FCUH2-L1	FCUH Worm Wheels	436
FCUH2-R1	FCUH Worm Wheels	436
FCUH3-L1	FCUH Worm Wheels	436
FCUH3-R1	FCUH Worm Wheels	436
FCUH4-R1	FCUH Worm Wheels	436
FCUH5-R1	FCUH Worm Wheels	436
FCUH6-R1	FCUH Worm Wheels	436
H		
HG100-2A	Sprockets	172
HG100A	Sprockets	170
HG120-2A	Sprockets	188
HG120A	Sprockets	186
HG140-2A	Sprockets	198
HG140A	Sprockets	197
HG160-2A	Sprockets	204
HG160A	Sprockets	203
HG180A	Sprockets	206
HG200A	Sprockets	207
HG240A	Sprockets	208
HG35A	Sprockets	41
HG40-2A	Sprockets	70
HG40A	Sprockets	66
HG50-2A	Sprockets	98
HG50A	Sprockets	94
HG60-2A	Sprockets	126
HG60A	Sprockets	122
HG80-2A	Sprockets	152
HG80A	Sprockets	150
I		
ID-C-D	Idler Sprocket	300
K		
K25B	Sprockets	26
K35B	Sprockets	44
K40B	Sprockets	75
K410B	Sprockets	50
K50B	Sprockets	103
K60B	Sprockets	131
K80B	Sprockets	157
KANA05B-JL	Coupler Links	266
KANA05B-OL	Offset Links	266
KANA05B-T	Chains	266
KANA06B-2JL	Coupler Links	266
KANA06B-2OL	Offset Links	266
KANA06B-2T	Chains	266
KANA06B-3JL	Coupler Links	266
KANA06B-3OL	Offset Links	266
KANA06B-3T	Chains	266
KANA06B-JL	Coupler Links	266
KANA06B-OL	Offset Links	266
KANA06B-SUSJL	Coupler Links	271
KANA06B-SUSOL	Offset Links	271

Product Model Number	Product Category	Listed Page
KANA06B-SUST	Chains	271
KANA06B-T	Chains	266
KANA08B-2JL	Coupler Links	267
KANA08B-2OL	Offset Links	267
KANA08B-2T	Chains	267
KANA08B-3JL	Coupler Links	267
KANA08B-3OL	Offset Links	267
KANA08B-3T	Chains	267
KANA08B-JL	Coupler Links	267
KANA08B-OL	Offset Links	267
KANA08B-SUSJL	Coupler Links	271
KANA08B-SUSOL	Offset Links	271
KANA08B-SUST	Chains	271
KANA08B-T	Chains	267
KANA100-2CPT	Chains	264
KANA100-2JL	Coupler Links	264
KANA100-2OL	Offset Links	264
KANA100-2RPT	Chains	264
KANA100-3CPT	Chains	264
KANA100-3JL	Coupler Links	264
KANA100-3OL	Offset Links	264
KANA100-3RPT	Chains	264
KANA100-4CPT	Chains	264
KANA100-4JL	Coupler Links	264
KANA100-4OL	Offset Links	264
KANA100-CPT	Chains	264
KANA100F-JL	Coupler Links	277
KANA100F-RPT	Chains	277
KANA100H-JL	Coupler Links	275
KANA100H-OL	Offset Links	275
KANA100H-RPT	Chains	275
KANA100-JL	Coupler Links	264
KANA100-OL	Offset Links	264
KANA100-RPSUST	Chains	269
KANA100-RPT	Chains	264
KANA100SUP-JL	Coupler Links	295
KANA100SUP-RPT	Chains	295
KANA100-SUSJL	Coupler Links	269
KANA100-SUSOL	Offset Links	269
KANA10B-2JL	Coupler Links	267
KANA10B-2OL	Offset Links	267
KANA10B-2T	Chains	267
KANA10B-JL	Coupler Links	267
KANA10B-OL	Offset Links	267
KANA10B-SUSJL	Coupler Links	271
KANA10B-SUSOL	Offset Links	271
KANA10B-SUST	Chains	271
KANA10B-T	Chains	267
KANA120-2CPT	Chains	265
KANA120-2JL	Coupler Links	265
KANA120-2OL	Offset Links	265
KANA120-2RPT	Chains	265
KANA120-3CPT	Chains	265
KANA120-3JL	Coupler Links	265
KANA120-3OL	Offset Links	265
KANA120-3RPT	Chains	265

Product Index Product Model Number Index

Product Model Number	Product Category	Listed Page	Product Model Number	Product Category	Listed Page
K					
KANA120-CPT	Chains	265	KANA16B-SUSJL	Coupler Links	271
KANA120-JL	Coupler Links	265	KANA16B-SUSOL	Offset Links	271
KANA120-OL	Offset Links	265	KANA16B-SUST	Chains	271
KANA120-RPSUST	Chains	269	KANA16B-T	Chains	267
KANA120-RPT	Chains	265	KANA180-JL	Coupler Links	265
KANA120SUP-JL	Coupler Links	295	KANA180-OL	Offset Links	265
KANA120SUP-RPT	Chains	295	KANA180-RPT	Chains	265
KANA120-SUSJL	Coupler Links	269	KANA200-2CPT	Chains	265
KANA120-SUSOL	Offset Links	269	KANA200-2JL	Coupler Links	265
KANA12B-2JL	Coupler Links	267	KANA200-2OL	Offset Links	265
KANA12B-2OL	Offset Links	267	KANA200-2RPT	Chains	265
KANA12B-2T	Chains	267	KANA200-CPT	Chains	265
KANA12B-JL	Coupler Links	267	KANA200-JL	Coupler Links	265
KANA12B-OL	Offset Links	267	KANA200-OL	Offset Links	265
KANA12B-SUSJL	Coupler Links	271	KANA200-RPT	Chains	265
KANA12B-SUSOL	Offset Links	271	KANA200SUP-JL	Chains	295
KANA12B-SUST	Chains	271	KANA200SUP-RPT	Coupler Links	295
KANA12B-T	Chains	267	KANA20B-2JL	Coupler Links	267
KANA140-2CPT	Chains	265	KANA20B-2OL	Offset Links	267
KANA140-2JL	Coupler Links	265	KANA20B-2T	Chains	267
KANA140-2OL	Offset Links	265	KANA20B-JL	Coupler Links	267
KANA140-2RPT	Chains	265	KANA20B-OL	Offset Links	267
KANA140-3CPT	Chains	265	KANA20B-T	Chains	267
KANA140-3JL	Coupler Links	265	KANA24B-2JL	Coupler Links	267
KANA140-3OL	Offset Links	265	KANA24B-2OL	Offset Links	267
KANA140-3RPT	Chains	265	KANA24B-2T	Chains	267
KANA140-CPT	Chains	265	KANA24B-JL	Coupler Links	267
KANA140-JL	Coupler Links	265	KANA24B-OL	Offset Links	267
KANA140-OL	Offset Links	265	KANA24B-T	Chains	267
KANA140-RPT	Chains	265	KANA25-JL	Coupler Links	263
KANA140SUP-JL	Coupler Links	295	KANA25-NJL	Coupler Links	273
KANA140SUP-RPT	Chains	295	KANA25-NOL	Offset Links	273
KANA160-2CPT	Chains	265	KANA25-NT	Chains	273
KANA160-2JL	Coupler Links	265	KANA25-OL	Offset Links	263
KANA160-2OL	Offset Links	265	KANA25-SUSJL	Coupler Links	269
KANA160-2RPT	Chains	265	KANA25-SUSOL	Offset Links	269
KANA160-3CPT	Chains	265	KANA25-SUST	Chains	269
KANA160-3JL	Coupler Links	265	KANA25-T	Chains	263
KANA160-3OL	Offset Links	265	KANA35-2JL	Coupler Links	263
KANA160-3RPT	Chains	265	KANA35-2OL	Offset Links	263
KANA160-CPT	Chains	265	KANA35-2T	Chains	263
KANA160-JL	Coupler Links	265	KANA35-3JL	Coupler Links	263
KANA160-OL	Offset Links	265	KANA35-3OL	Offset Links	263
KANA160-RPT	Chains	265	KANA35-3T	Chains	263
KANA160SUP-JL	Coupler Links	295	KANA35-CS	Chains	263
KANA160SUP-RPT	Chains	295	KANA35-JL	Coupler Links	263
KANA16B-2JL	Coupler Links	267	KANA35-NJL	Coupler Links	273
KANA16B-2OL	Offset Links	267	KANA35-NOL	Offset Links	273
KANA16B-2T	Chains	267	KANA35-NT	Chains	273
KANA16B-3JL	Coupler Links	267	KANA35-OL	Offset Links	263
KANA16B-3OL	Offset Links	267	KANA35-SUSJL	Coupler Links	269
KANA16B-3T	Chains	267	KANA35-SUSOL	Offset Links	269
KANA16B-JL	Coupler Links	267	KANA35-SUST	Chains	269
KANA16B-OL	Offset Links	267	KANA35-T	Chains	263
			KANA40-2JL	Coupler Links	263
			KANA40-2LA1T	Chains	283

Product Index Product Model Number Index

	Product Model Number	Product Category	Listed Page	Product Model Number	Product Category	Listed Page
	K			KANA50-40L	Offset Links	263
	KANA40-2LK1T	Chains	285	KANA50-4T	Chains	263
	KANA40-20L	Offset Links	263	KANA50-A1JL	Coupler Links	283
	KANA40-2T	Chains	263	KANA50-ALLA1T	Chains	283
	KANA40-3JL	Coupler Links	263	KANA50-ALLK1T	Chains	285
	KANA40-3LA1T	Chains	283	KANA50-CS	Chains	263
	KANA40-3LK1T	Chains	285	KANA50F-JL	Coupler Links	277
	KANA40-30L	Offset Links	263	KANA50F-SUSJL	Coupler Links	277
	KANA40-3T	Chains	263	KANA50F-SUST	Chains	277
	KANA40-4JL	Coupler Links	263	KANA50F-T	Chains	277
	KANA40-4LA1T	Chains	283	KANA50H-JL	Coupler Links	275
	KANA40-4LK1T	Chains	285	KANA50H-OL	Offset Links	275
	KANA40-40L	Offset Links	263	KANA50HP-JL	Coupler Links	281
	KANA40-4T	Chains	263	KANA50HP-SUSJL	Coupler Links	281
	KANA40-6LA1T	Chains	283	KANA50HP-SUST	Chains	281
	KANA40-A1JL	Coupler Links	283	KANA50HP-T	Chains	281
	KANA40-ALLA1T	Chains	283	KANA50H-T	Chains	275
	KANA40-ALLK1T	Chains	285	KANA50-JL	Coupler Links	263
	KANA40-CS	Chains	263	KANA50-K1JL	Coupler Links	285
	KANA40F-JL	Coupler Links	277	KANA50-NJL	Coupler Links	273
	KANA40F-SUSJL	Coupler Links	277	KANA50-NOL	Offset Links	273
	KANA40F-SUST	Chains	277	KANA50-NT	Chains	273
	KANA40F-T	Chains	277	KANA50-OL	Offset Links	263
	KANA40H-JL	Coupler Links	275	KANA50SB-JL	Coupler Links	279
	KANA40H-OL	Offset Links	275	KANA50SB-T	Chains	279
	KANA40HP-JL	Coupler Links	281	KANA50-SUSJL	Coupler Links	269
	KANA40HP-SUSJL	Coupler Links	281	KANA50-SUSOL	Offset Links	269
	KANA40HP-SUST	Chains	281	KANA50-SUST	Chains	269
	KANA40HP-T	Chains	281	KANA50-T	Chains	263
	KANA40H-T	Chains	275	KANA60-2JL	Coupler Links	264
	KANA40-JL	Coupler Links	263	KANA60-2LA1T	Chains	283
	KANA40-K1JL	Coupler Links	285	KANA60-2LK1T	Chains	285
	KANA40-NJL	Coupler Links	273	KANA60-20L	Offset Links	264
	KANA40-NOL	Offset Links	273	KANA60-2T	Chains	264
	KANA40-NT	Chains	273	KANA60-3JL	Coupler Links	264
	KANA40-OL	Offset Links	263	KANA60-3LA1T	Chains	283
	KANA40SB-JL	Coupler Links	279	KANA60-3LK1T	Chains	285
	KANA40SB-T	Chains	279	KANA60-30L	Offset Links	264
	KANA40-SUSJL	Coupler Links	269	KANA60-3T	Chains	264
	KANA40-SUSOL	Offset Links	269	KANA60-4JL	Coupler Links	264
	KANA40-SUST	Chains	269	KANA60-4LA1T	Chains	283
	KANA40-T	Chains	263	KANA60-4LK1T	Chains	285
	KANA50-2JL	Coupler Links	263	KANA60-40L	Offset Links	264
	KANA50-2LA1T	Chains	283	KANA60-4T	Chains	264
	KANA50-2LK1T	Chains	285	KANA60-A1JL	Coupler Links	283
	KANA50-20L	Offset Links	263	KANA60-ALLA1T	Chains	283
	KANA50-2T	Chains	263	KANA60-ALLK1T	Chains	285
	KANA50-3JL	Coupler Links	263	KANA60-CS	Chains	264
	KANA50-3LA1T	Chains	283	KANA60F-JL	Coupler Links	277
	KANA50-3LK1T	Chains	285	KANA60F-SUSJL	Coupler Links	277
	KANA50-30L	Offset Links	263	KANA60F-SUST	Chains	277
	KANA50-3T	Chains	263	KANA60F-T	Chains	277
	KANA50-4JL	Coupler Links	263	KANA60H-JL	Coupler Links	275
	KANA50-4LA1T	Chains	283	KANA60H-OL	Offset Links	275
	KANA50-4LK1T	Chains	285	KANA60HP-JL	Coupler Links	281
				KANA60HP-SUSJL	Coupler Links	281

Product Index Product Model Number Index

Product Model Number	Product Category	Listed Page
K		
KANA60HP-SUST	Chains	281
KANA60HP-T	Chains	281
KANA60H-RPT	Chains	275
KANA60-JL	Coupler Links	264
KANA60-K1JL	Coupler Links	285
KANA60-NJL	Coupler Links	273
KANA60-NOL	Offset Links	273
KANA60-NT	Chains	273
KANA60-OL	Offset Links	264
KANA60SB-JL	Coupler Links	279
KANA60SB-T	Chains	279
KANA60-SUSJL	Coupler Links	269
KANA60-SUSOL	Offset Links	269
KANA60-SUST	Chains	269
KANA60-T	Chains	264
KANA80-2CPT	Chains	264
KANA80-2JL	Coupler Links	264
KANA80-2LA1T	Chains	283
KANA80-2LK1T	Chains	285
KANA80-2OL	Offset Links	264
KANA80-2RPT	Chains	264
KANA80-3CPT	Chains	264
KANA80-3JL	Coupler Links	264
KANA80-3LA1T	Chains	283
KANA80-3LK1T	Chains	285
KANA80-3OL	Offset Links	264
KANA80-3RPT	Chains	264
KANA80-4CPT	Chains	264
KANA80-4JL	Coupler Links	264
KANA80-4LA1T	Chains	283
KANA80-4LK1T	Chains	285
KANA80-4OL	Offset Links	264
KANA80-A1JL	Coupler Links	283
KANA80-ALLA1T	Chains	283
KANA80-ALLK1T	Chains	285
KANA80-CPT	Chains	264
KANA80-CS	Chains	264
KANA80F-JL	Coupler Links	277
KANA80F-T	Chains	277
KANA80H-JL	Coupler Links	275
KANA80H-OL	Offset Links	275
KANA80H-RPT	Chains	275
KANA80-JL	Coupler Links	264
KANA80-K1JL	Coupler Links	285
KANA80-NJL	Coupler Links	273
KANA80-NOL	Offset Links	273
KANA80-OL	Offset Links	264
KANA80-RPNT	Chains	273
KANA80-RPSUST	Chains	269
KANA80-RPT	Chains	264
KANA80SUP-JL	Coupler Links	295
KANA80SUP-RPT	Chains	295
KANA80-SUSJL	Coupler Links	269
KANA80-SUSOL	Offset Links	269

Product Model Number	Product Category	Listed Page
KANAC2040-2LA1T	Chains	291
KANAC2040-2LA2T	Chains	291
KANAC2040-2LK1T	Chains	293
KANAC2040-2LK2T	Chains	293
KANAC2040-A1JL	Coupler Links	291
KANAC2040-A2JL	Coupler Links	291
KANAC2040-ALLA1T	Chains	291
KANAC2040-ALLA2T	Chains	291
KANAC2040-ALLK1T	Chains	293
KANAC2040-ALLK2T	Chains	293
KANAC2040HP-JL	Coupler Links	281
KANAC2040HP-SUSJL	Coupler Links	281
KANAC2040HP-SUST	Chains	281
KANAC2040HP-T	Chains	281
KANAC2040-JL	Coupler Links	287
KANAC2040-K1JL	Coupler Links	293
KANAC2040-K2JL	Coupler Links	293
KANAC2040-NJL	Coupler Links	273
KANAC2040-NOL	Offset Links	273
KANAC2040-NT	Chains	273
KANAC2040-OL	Offset Links	287
KANAC2040-SUSJL	Coupler Links	289
KANAC2040-SUSOL	Offset Links	289
KANAC2040-SUST	Chains	289
KANAC2040-T	Chains	287
KANAC2042-2LA1T	Chains	291
KANAC2042-2LA2T	Chains	291
KANAC2042-2LK1T	Chains	293
KANAC2042-2LK2T	Chains	293
KANAC2042-ALLA1T	Chains	291
KANAC2042-ALLA2T	Chains	291
KANAC2042-ALLK1T	Chains	293
KANAC2042-ALLK2T	Chains	293
KANAC2042-OL	Offset Links	287
KANAC2042-SUSOL	Offset Links	289
KANAC2042-SUST	Chains	289
KANAC2042-T	Chains	287
KANAC2050-2LA1T	Chains	291
KANAC2050-2LA2T	Chains	291
KANAC2050-2LK1T	Chains	293
KANAC2050-2LK2T	Chains	293
KANAC2050-A1JL	Coupler Links	291
KANAC2050-A2JL	Coupler Links	291
KANAC2050-ALLA1T	Chains	291
KANAC2050-ALLA2T	Chains	291
KANAC2050-ALLK1T	Chains	293
KANAC2050-ALLK2T	Chains	293
KANAC2050HP-JL	Coupler Links	281
KANAC2050HP-SUSJL	Coupler Links	281
KANAC2050HP-SUST	Chains	281
KANAC2050HP-T	Chains	281
KANAC2050-JL	Coupler Links	287
KANAC2050-K1JL	Coupler Links	293
KANAC2050-K2JL	Coupler Links	293
KANAC2050-NJL	Coupler Links	273
KANAC2050-NOL	Offset Links	273

Product Index Product Model Number Index

	Product Model Number	Product Category	Listed Page	Product Model Number	Product Category	Listed Page
	K			KANAC2062H-T	Chains	287
	KANAC2050-NT	Chains	273	KANAC2080H-2LA1T	Chains	291
	KANAC2050-OL	Offset Links	287	KANAC2080H-2LA2T	Chains	291
	KANAC2050-SUSJL	Coupler Links	289	KANAC2080H-2LK1T	Chains	293
	KANAC2050-SUSOL	Offset Links	289	KANAC2080H-2LK2T	Chains	293
	KANAC2050-SUST	Chains	289	KANAC2080H-A1JL	Coupler Links	291
	KANAC2050-T	Chains	287	KANAC2080H-A2JL	Coupler Links	291
	KANAC2052-2LA1T	Chains	291	KANAC2080H-ALLA1T	Chains	291
	KANAC2052-2LA2T	Chains	291	KANAC2080H-ALLA2T	Chains	291
	KANAC2052-2LK1T	Chains	293	KANAC2080H-ALLK1T	Chains	293
	KANAC2052-2LK2T	Chains	293	KANAC2080H-ALLK2T	Chains	293
	KANAC2052-ALLA1T	Chains	291	KANAC2080H-JL	Coupler Links	287
	KANAC2052-ALLA2T	Chains	291	KANAC2080H-K1JL	Coupler Links	293
	KANAC2052-ALLK1T	Chains	293	KANAC2080H-K2JL	Coupler Links	293
	KANAC2052-ALLK2T	Chains	293	KANAC2080H-OL	Offset Links	287
	KANAC2052-OL	Offset Links	287	KANAC2080H-SUSJL	Coupler Links	289
	KANAC2052-SUSOL	Offset Links	289	KANAC2080H-SUSOL	Offset Links	289
	KANAC2052-SUST	Chains	289	KANAC2080H-SUST	Chains	289
	KANAC2052-T	Chains	287	KANAC2080H-T	Chains	287
	KANAC2060H-2LA1T	Chains	291	KANAC2082H-2LA1T	Chains	291
	KANAC2060H-2LA2T	Chains	291	KANAC2082H-2LA2T	Chains	291
	KANAC2060H-2LK1T	Chains	293	KANAC2082H-2LK1T	Chains	293
	KANAC2060H-2LK2T	Chains	293	KANAC2082H-2LK2T	Chains	293
	KANAC2060H-A1JL	Coupler Links	291	KANAC2082H-ALLA1T	Chains	291
	KANAC2060H-A2JL	Coupler Links	291	KANAC2082H-ALLA2T	Chains	291
	KANAC2060H-ALLA1T	Chains	291	KANAC2082H-ALLK1T	Chains	293
	KANAC2060H-ALLA2T	Chains	291	KANAC2082H-ALLK2T	Chains	293
	KANAC2060H-ALLK1T	Chains	293	KANAC2082H-OL	Offset Links	287
	KANAC2060H-ALLK2T	Chains	293	KANAC2082H-SUSOL	Offset Links	289
	KANAC2060H-JL	Coupler Links	287	KANAC2082H-SUST	Chains	289
	KANAC2060H-K1JL	Coupler Links	293	KANAC2082H-T	Chains	287
	KANAC2060H-K2JL	Coupler Links	293	KANAC2100H-JL	Coupler Links	287
	KANAC2060H-NJL	Coupler Links	273	KANAC2100H-OL	Offset Links	287
	KANAC2060H-NOL	Offset Links	273	KANAC2100H-T	Chains	287
	KANAC2060H-NT	Chains	273	KANAFT25	Chains	244
	KANAC2060H-OL	Offset Links	287	KANAFT25-SUS	Chains	252
	KANAC2060HP-JL	Coupler Links	281	KANAFT35	Chains	246
	KANAC2060HP-SUSJL	Coupler Links	281	KANAFT35-SUS	Chains	254
	KANAC2060HP-SUST	Chains	281	KANAFT40	Chains	248
	KANAC2060HP-T	Chains	281	KANAFT40-SUS	Chains	256
	KANAC2060H-SUSJL	Coupler Links	289	KANAFT50	Chains	249
	KANAC2060H-SUSOL	Offset Links	289	KANAFT50-SUS	Chains	257
	KANAC2060H-SUST	Chains	289	KANAFT60	Chains	250
	KANAC2060H-T	Chains	287	KANAFT60-SUS	Chains	258
	KANAC2062H-2LA1T	Chains	291	KANAFT80-RP	Chains	251
	KANAC2062H-2LA2T	Chains	291	KANAFT80-RPSUS	Chains	259
	KANAC2062H-2LK1T	Chains	293	KCPF10	CP Racks	432
	KANAC2062H-2LK2T	Chains	293	KCPF5	CP Racks	432
	KANAC2062H-ALLA1T	Chains	291	KF1	Racks	428
	KANAC2062H-ALLA2T	Chains	291	KF1.5	Racks	428
	KANAC2062H-ALLK1T	Chains	293	KF2	Racks	428
	KANAC2062H-ALLK2T	Chains	293	KF2.5	Racks	428
	KANAC2062H-OL	Offset Links	287	KF3	Racks	428
	KANAC2062H-SUSOL	Offset Links	289	KF4	Racks	429
	KANAC2062H-SUST	Chains	289	KF5	Racks	429
				KF6	Racks	429

Product Index Product Model Number Index

Product Model Number	Product Category	Listed Page
K		
KFH1.5	Mounting Hole Machined Racks	430
KFH2	Mounting Hole Machined Racks	430
KFH2.5	Mounting Hole Machined Racks	430
KFH3	Mounting Hole Machined Racks	430
KFH4	Mounting Hole Machined Racks	430
KFH5	Mounting Hole Machined Racks	430
KFH6	Mounting Hole Machined Racks	430
K-H100AF	Timing Pulleys	365
K-H100BF	Timing Pulleys	365
K-H150AF	Timing Pulleys	367
K-H150BF	Timing Pulleys	367
K-H200AF	Timing Pulleys	369
K-H200BF	Timing Pulleys	369
K-L050AF	Timing Pulleys	359
K-L050BF	Timing Pulleys	359
K-L075AF	Timing Pulleys	361
K-L075BF	Timing Pulleys	361
K-L100AF	Timing Pulleys	363
K-L100BF	Timing Pulleys	363
KM1	Miter Gears	438
KM1.5	Miter Gears	438
KM2	Miter Gears	438
KM2.5	Miter Gears	438
KM3	Miter Gears	438
KM3.5	Miter Gears	438
KM4	Miter Gears	438
KPL200	KanaLock	328
KPL201	KanaLock	330
KPL202	KanaLock	331
KPL210	KanaLock	332
KPL220	KanaLock	333
KPL250	KanaLock	334
KPL251	KanaLock	335
KPL300	KanaLock	336
KPL300S	KanaLock	337
K-S5M100AF	Super Torque Timing Pulleys	371
K-S5M100BF	Super Torque Timing Pulleys	371
K-S5M150AF	Super Torque Timing Pulleys	373
K-S5M150BF	Super Torque Timing Pulleys	373
K-S5M250AF	Super Torque Timing Pulleys	375
K-S5M250BF	Super Torque Timing Pulleys	375
K-S8M150AF	Super Torque Timing Pulleys	377
K-S8M150BF	Super Torque Timing Pulleys	377
K-S8M250AF	Super Torque Timing Pulleys	379
K-S8M250BF	Super Torque Timing Pulleys	379
KSC	Shaft Collars	340
KSC-SL	Shaft Collars	344
KSC-SL2	Shaft Collars	348
KSC-SP	Shaft Collars	352
KTF	Flanges	380
KU1.5-R1	KU Worms	434
KU1-R1	KU Worms	434
KU2.5-L1	KU Worms	434
KU2.5-R1	KU Worms	434

Product Model Number	Product Category	Listed Page
KU2-L1	KU Worms	434
KU2-R1	KU Worms	434
KU3-L1	KU Worms	434
KU3-R1	KU Worms	434
KU4-R1	KU Worms	434
KU5-R1	KU Worms	434
KU6-R1	KU Worms	434
K-XL037AF	Timing Pulleys	357
K-XL037BF	Timing Pulleys	357
K-XL037CF	Timing Pulleys	357
M		
M0.5B-(A.B)	Spur Gears	384
M0.8B-(A.B.C)	Spur Gears	384
M1.5A	Spur Gears A-type	414
M1.5B	Spur Gears	390
M1.5B-(A.B.C)	Spur Gears	392
M10B	Spur Gears	405
M1A	Spur Gears A-type	412
M1B	Spur Gears	386
M1B-(A.B.C)	Spur Gears	388
M2.5A	Spur Gears A-type	416
M2.5B	Spur Gears	396
M2A	Spur Gears A-type	415
M2B	Spur Gears	394
M3A	Spur Gears A-type	417
M3B	Spur Gears	398
M4A	Spur Gears A-type	418
M4B	Spur Gears	400
M5A	Spur Gears A-type	419
M5B	Spur Gears	402
M6B	Spur Gears	404
M8B	Spur Gears	405
MB	Chain Couplings	322
MU0.8B	Spur Gears	406
MU0.8B-A	Spur Gears	407
MU1A	Spur Gears A-type	420
MU1B	Spur Gears	408
MU1B-A	Spur Gears	410
N		
NK100-2B•NK100-2C	Sprockets	180
NK100B	Sprockets	174
NK100C	Sprockets	176
NK11SSB	Sprockets	15
NK11SSC	Sprockets	16
NK120-2B•NK120-2C	Sprockets	194
NK120B	Sprockets	190
NK120C	Sprockets	192
NK140B•NK140C	Sprockets	200
NK15B	Sprockets	20
NK160B•NK160C	Sprockets	205
NK35-2B	Sprockets	47
NK35B	Sprockets	42
NK40-2B	Sprockets	78
NK40B	Sprockets	72

Product Index Product Model Number Index

Product Model Number	Product Category	Listed Page
N		
NK40C	Sprockets	74
NK50-2B	Sprockets	106
NK50B	Sprockets	100
NK50C	Sprockets	102
NK60-2B	Sprockets	134
NK60B	Sprockets	128
NK60C	Sprockets	130
NK80-2B	Sprockets	160
NK80B	Sprockets	154
NK80C	Sprockets	156
S		
SCMMT1.5B	Tempered Spur Gears	382
SCMMT2.5B	Tempered Spur Gears	382
SCMMT2B	Tempered Spur Gears	382
SCMMT3B	Tempered Spur Gears	382
SCMMT4B	Tempered Spur Gears	382
SCMMT5B	Tempered Spur Gears	382
SSC	Shaft Collars	342
SSC-SL	Shaft Collars	346
SSC-SL2	Shaft Collars	350
SSC-SP	Shaft Collars	354
SUS100B	Sprockets	178
SUS2040B	Sprockets	222
SUS2042B	Sprockets	223
SUS2050B	Sprockets	226
SUS2052B	Sprockets	227
SUS2060B	Sprockets	230
SUS2062B	Sprockets	231
SUS2080B	Sprockets	234
SUS2082B	Sprockets	235
SUS25B	Sprockets	28
SUS35B	Sprockets	45
SUS40A	Sprockets	68
SUS40B	Sprockets	76
SUS50A	Sprockets	96
SUS50B	Sprockets	104
SUS60A	Sprockets	124
SUS60B	Sprockets	132
SUS80B	Sprockets	158
SUSAD	SUS ID Adapter	307
SUSFBN100B	Sprockets	166
SUSFBN2040B	Sprockets	218
SUSFBN2042B	Sprockets	219
SUSFBN2050B	Sprockets	218
SUSFBN2052B	Sprockets	219
SUSFBN2060B	Sprockets	218
SUSFBN2062B	Sprockets	219
SUSFBN25B	Sprockets	24
SUSFBN35B	Sprockets	38
SUSFBN40B	Sprockets	60
SUSFBN50B	Sprockets	88
SUSFBN60B	Sprockets	116
SUSFBN80B	Sprockets	144

Product Model Number	Product Category	Listed Page
SUSFBP11B	Sprockets	14
SUSID-C-D	Idler Sprocket	301
SUSM1.5B	Stainless Steel Spur Gears	423
SUSM1B	Stainless Steel Spur Gears	422
SUSM2.5A	Stainless Steel Spur Gears A-type	425
SUSM2.5B	Stainless Steel Spur Gears	424
SUSM2A	Stainless Steel Spur Gears A-type	425
SUSM2B	Stainless Steel Spur Gears	424
SUSM3A	Stainless Steel Spur Gears A-type	426
SUSM3B	Stainless Steel Spur Gears	424
SUSM4A	Stainless Steel Spur Gears	426
SUSM4B	Stainless Steel Spur Gears	424
T		
THB	Tight-Holders	311
TMB	Tensioners	310
TSBW-B-D	Straight Tension	309
W		
WID-B-D	Double Idler Sprockets	302
WID-C-D	Double Idler Sprockets	303

Product Index Product Model Number Index

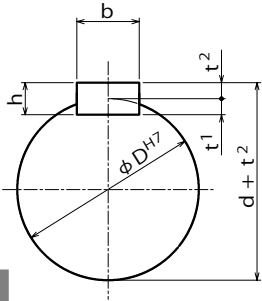
Product Model Number	Product Category	Listed Page
1		
10020C	Chain Couplings	321
10020H	Chain Couplings	320
10020L	Chain Couplings	323
100A	Sprockets	168
100SD	Sprockets	179
12018C	Chain Couplings	321
12018H	Chain Couplings	320
12018L	Chain Couplings	323
12022C	Chain Couplings	321
12022H	Chain Couplings	320
12022L	Chain Couplings	323
120A	Sprockets	184
140A	Sprockets	196
160A	Sprockets	202
2		
2040B	Sprockets	220
2042B	Sprockets	221
2050B	Sprockets	224
2052B	Sprockets	225
2060B	Sprockets	228
2062B	Sprockets	229
2080B	Sprockets	232
2082B	Sprockets	233
2100B	Sprockets	236
2102B	Sprockets	237
2120B	Sprockets	238
2122B	Sprockets	239
2160B	Sprockets	238
2162B	Sprockets	239
25A	Sprockets	25
3		
3012C	Chain Couplings	321
3012H	Chain Couplings	320
3012L	Chain Couplings	323
35A	Sprockets	40
35SD	Sprockets	46
4		
4012C	Chain Couplings	321
4012H	Chain Couplings	320
4012L	Chain Couplings	323
4014C	Chain Couplings	321
4014H	Chain Couplings	320
4014L	Chain Couplings	323
4016C	Chain Couplings	321
4016H	Chain Couplings	320
4016L	Chain Couplings	323
40A	Sprockets	64
40SD	Sprockets	77
410A	Sprockets	48

Product Model Number	Product Category	Listed Page
5		
5014C	Chain Couplings	321
5014H	Chain Couplings	320
5014L	Chain Couplings	323
5016C	Chain Couplings	321
5016H	Chain Couplings	320
5016L	Chain Couplings	323
5018C	Chain Couplings	321
5018H	Chain Couplings	320
5018L	Chain Couplings	323
50A	Sprockets	92
50SD	Sprockets	105
6		
6018C	Chain Couplings	321
6018H	Chain Couplings	320
6018L	Chain Couplings	323
6022C	Chain Couplings	321
6022H	Chain Couplings	320
6022L	Chain Couplings	323
60A	Sprockets	120
60SD	Sprockets	133
8		
8018C	Chain Couplings	321
8018H	Chain Couplings	320
8018L	Chain Couplings	323
8022C	Chain Couplings	321
8022H	Chain Couplings	320
8022L	Chain Couplings	323
80A	Sprockets	148
80SD	Sprockets	159

JIS Shaft hole diameter tolerance/Keyway Dimension Table

Shaft Hole Diameter Tolerance

Diameter Classification φD	H7
5~6	0~+0.018 (H8)
7~10	0~+0.015
11~18	0~+0.018
19~30	0~+0.021
31~50	0~+0.025
51~80	0~+0.030



New JIS Keyway Dimension Table

Shaft Diameter φd	Dimension of Key Designation Width × Height b × h	Keyway Depth			
		t¹	d + t²		
6 or more More than 8	8 or less 10 "	2 × 2	1.2	d	+ 1.0
	12 "	3 × 3	1.8	d	+ 1.4
	14 "	4 × 4	2.5	d	+ 1.8
	16 "	5 × 5	3.0	d	+ 2.3
	18 "	6 × 6	3.5	d	+ 2.8
22 "	30 "	8 × 7	4.0	d	+ 3.3
	36 "	10 × 8	5.0	d	+ 3.3
	42 "	12 × 8	5.0	d	+ 3.3
	48 "	14 × 9	5.5	d	+ 3.8
	54 "	16 × 10	6.0	d	+ 4.3
58 "	65 "	18 × 11	7.0	d	+ 4.4
	72 "	20 × 12	7.5	d	+ 4.9
	78 "	22 × 14	9.0	d	+ 5.4
	84 "	25 × 14	9.0	d	+ 5.4
	90 "	28 × 16	10.0	d	+ 6.4
110 "	130 "	32 × 18	11.0	d	+ 7.4
	150 "	36 × 20	12.0	d	+ 8.4
	170 "	40 × 22	13.0	d	+ 9.4
	190 "	45 × 25	15.0	d	+ 10.4
	210 "	50 × 28	17.0	d	+ 11.4

Old JIS Keyway Dimension Table

Shaft Diameter φd	Key Designation Dimension Width × Height b×h	Keyway Depth		
		t¹	d + t²	
10 or more	13 or less	4× 4	2.5	d + 1.5
More than 13	20 "	5× 5	3.0	d + 2.0
20 "	30 "	7× 7	4.0	d + 3.0
30 "	40 "	10× 8	4.5	d + 3.5
40 "	50 "	12× 8	4.5	d + 3.5
50 "	60 "	15×10	5.0	d + 5.0
60 "	70 "	18×12	6.0	d + 6.0
70 "	80 "	20×13	7.0	d + 6.0
80 "	95 "	24×16	8.0	d + 8.0
95 "	110 "	28×18	9.0	d + 9.0
110 "	125 "	32×20	10.0	d + 10.0
125 "	140 "	35×22	11.0	d + 11.0
140 "	160 "	38×24	12.0	d + 12.0
160 "	180 "	42×26	13.0	d + 13.0
180 "	200 "	45×28	14.0	d + 14.0
200 "	224 "	50×31.5	16.0	d + 15.5
224 "	250 "	56×35.5	18.0	d + 17.5

Key Groove/Tapping Dimensions

Conforms to New JIS (B1301-1996)

Compatible shaft hole D (H7)	Keyway b×t ² (Js9)	Set Screw M
φ10	3×1.4	M4
φ12	4×1.8	M5
φ 13~ 17	5×2.3	M6
φ 18~ 22	6×2.8	
φ 23~ 30	8×3.3	M8
φ 31~ 38	10×3.3	
φ 39~ 44	12×3.3	
φ 45~ 50	14×3.8	M10
φ 51~ 55	16×4.3	M12
φ 56~ 58		
φ 59~ 60	18×4.4	
φ 61~ 65		
φ 66~ 70	20×4.9	M16
φ 71~ 75		
φ 76~ 80	22×5.4	
φ 81~ 85		
φ 86~ 95	25×5.4	
φ 96~110	28×6.4	
φ111~130	32×7.4	M20
φ131~150	36×8.4	

Conforms to Old JIS (B1301-1976)

Compatible shaft hole D (H7)	Keyway b×t ² (Js9)	Set Screw M
φ 10~ 13	4× 1.5	M5
φ 14~ 20	5× 2.0	M6
φ 21~ 30	7× 3.0	M8
φ 31~ 40	10× 3.5	
φ 41~ 50	12× 3.5	M10
φ 51~ 60	15× 5.0	M12
φ 61~ 70	18× 6.0	M16
φ 71~ 80	20× 6.0	
φ 81~ 95	24× 8.0	M20
φ 96~110	28× 9.0	
φ111~125	32×10.0	
φ126~140	35×11.0	M24

*M spur gears/KM miter gears/Timing pulleys only have the following dimensions.

Compatible shaft hole D (H7)	Keyway b×t ² (Js9)	Set Screw M
φ less than 10	—	to M5 only
φ 10~12	4×1.8	M4 | New JIS
φ 10~12	4×1.5	M4 | Old JIS

Set screws use KANA dimensions.