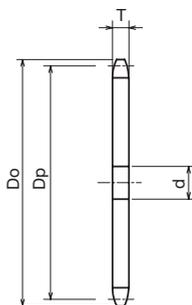


25A **Standard Sprocket A-type**● **Order No. Example****25A 16**

Type No. of Teeth

Sprocket No.



- Chain No.25
- Chain Pitch (P)6.35mm
- Bushing Link Inner Width (W)3.18mm
- Bushing Outside Diameter (Dr)3.30mm
- Tooth Width (T)2.8 mm

 Common Steel

Type	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight kg	¥	Semi-F ¥
				Prepared Hole Product	Minimum			
25A	10	23	20.55	6	7	0.01		
	12	28	24.53	7	8	0.01		
	13	30	26.53	7	8	0.01		
	14	32	28.54	7	8	0.01		
	15	34	30.54	7	8	0.02		
	16	36	32.55	9	10	0.02		
	17	38	34.56	9	10	0.02		
	18	40	36.57	9	10	0.02		
	20	44	40.59	9	10	0.03		
	24	52	48.65	9	10	0.04		
	25	54	50.66	9	10	0.04		
	27	58	54.70	9	10	0.05		
	28	60	56.71	9	10	0.06		
	29	62	58.73	9	10	0.06		
	30	64	60.75	9	10	0.06		
	32	68	64.78	10	11	0.07		
	33	70	66.80	10	11	0.08		
	35	74	70.84	10	11	0.09		
	36	76	72.86	10	11	0.09		
	37	78	74.88	10	11	0.10		
38	80	76.90	10	11	0.10			
40	84	80.93	10	11	0.11			
42	89	84.97	11	12	0.12			
45	95	91.03	11	12	0.14			
50	105	101.13	11	12	0.18			
55	115	111.23	11	12	0.21			
60	125	121.33	11	12	0.25			
70	145	141.54	11	12	0.34			
75	155	151.64	11	12	0.40			
80	165	161.74	11	12	0.45			



Order Method

Sprocket No. and Quantity



Guide

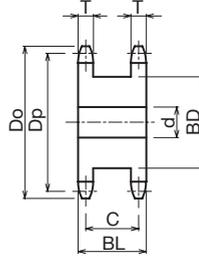
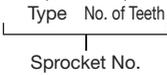
* Since we also manufacture sizes other than those in the catalog, and machine shaft holes/taps, etc., depending on your request, please contact our company's sales office for details.



Postage

Same-day shipping

* Please refer to P24 to P33 for the Semi-F Series <Complete Product> order method.

35SD**SD Single-Double Sprocket****Order No. Example****35SD 20**

- Chain No.35
- Chain Pitch (P)9.525mm
- Bushing Link Inner Width ... (W)4.78 mm
- Bushing Outside Diameter ... (Dr)5.08 mm
- Tooth Width (T)4.3 mm (C)15.7mm

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

Type	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight kg	¥	Semi-F ¥
				Prepared Hole Product	Minimum	Maximum					
35SD	12	41	36.80	10	11	15	24	20	0.12		
	13	44	39.80	10	11	16	28	20	0.13		
	14	47	42.81	10	11	16	30	20	0.15		
	15	51	45.81	10	11	20	35	20	0.19		
	16	54	48.82	10	11	20	37	20	0.22		
	17	57	51.84	10	11	25	41	20	0.25		
	18	60	54.85	10	11	25	44	20	0.28		
	19	63	57.87	10	11	28	47	20	0.32		
	20	66	60.89	12	13	30	50	20	0.36		
	21	69	63.91	12	13	32	53	20	0.40		
	22	72	66.93	12	13	35	56	20	0.45		
	23	75	69.95	15	16	38	59	20	0.49		
	24	78	72.97	15	16	40	62	20	0.54		
	25	81	76.00	15	16	42	65	20	0.59		
	26	84	79.02	15	16	45	68	20	0.60		
	27	87	82.05	15	16	48	71	20	0.69		
28	90	85.07	15	16	50	74	20	0.75			
30	96	91.12	15	16	52	80	20	0.87			



Order Method

Sprocket No. and Quantity



Guide

* Since we also manufacture sizes other than those in the catalog, and machine shaft holes/keys/taps, etc., depending on your request, please contact our company's sales office for details.



Postage

Same-day shipping

* Please refer to P24 to P33 for the Semi-F Series <Complete Product> order method.

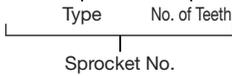
NK35-2B



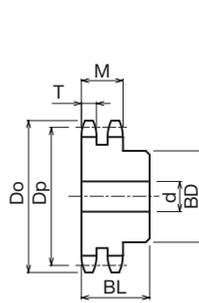
Standard Sprocket Two-row B-type

Order No. Example

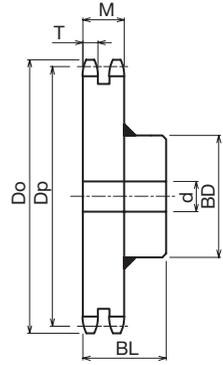
NK35-2B 15



Ground Specification Welded Specification



Ground Specification



Welded Specification

- Chain No.35-2
- Chain Pitch (P)9.525mm
- Bushing Link Inner Width ... (W)4.78 mm
- Bushing Outside Diameter ... (Dr)5.08 mm
- Tooth Width (T)4.1 mm (M)14.2mm

Type	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Shape	Material	Weight kg	¥	Semi-F
				Prepared Product	Minimum	Maximum							¥
NK35-2B	10	35	30.82	10	11	12	20	30	Ground Specification	Carbon Structural Steel High-frequency Hardened Teeth	0.10		
	11	38	33.81	10	11	12	23	30			0.11		
	12	41	36.80	10	11	14	26	30			0.14		
	13	44	39.80	10	11	14	27	30			0.17		
	14	47	42.81	10	11	18	32	30			0.21		
	15	51	45.81	10	11	20	35	30			0.25		
	16	54	48.82	10	11	20	38	30			0.29		
	17	57	51.84	10	11	22	41	30			0.34		
	18	60	54.85	10	11	25	44	35			0.45		
	19	63	57.87	10	11	28	47	35			0.51		
	20	66	60.89	12	13	30	50	40			0.64		
	21	69	63.91	12	13	30	50	40			0.64		
	22	72	66.93	12	13	32	55	40			0.67		
	24	78	72.97	15	16	38	60	40			0.82		
	25	81	76.00	15	16	38	60	40			0.92		
	28	90	85.07	15	16	42	65	45			1.26		
	30	96	91.12	15	16	42	65	45			1.34		
	32	102	97.18	15	16	42	65	45			1.43		
40	127	121.40	15	16	42	65	45	2.30					
45	142	136.55	19	20	55	83	45	2.84	Welded Specification	Common Steel			
50	157	151.70	19	20	55	83	45	3.22					
60	187	182.00	19	20	63	93	50	4.70					



Sprocket No. and Quantity



* Since we also manufacture sizes other than those in the catalog, and machine shaft holes/keys/taps, etc., depending on your request, please contact our company's sales office for details.



Same-day shipping

* Please refer to P24 to P33 for the Semi-F Series <Complete Product> order method.

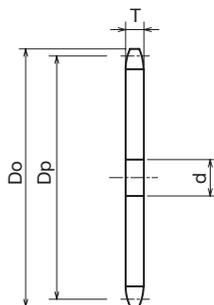
Semi-F Series
of FITLINK
Roller
Chains
Chain
Accessories
Idlers &
Tensioners
Sprockets
Oilless
Bushings
Transmission
Accessories
Conveyor Chains/
Spindles
Chain
Couplings
Resin Halls
Triple Speed/Center
Tension Chains
Timing Belts/
Pulleys/Hangers
Shaft Collars
Pinions/Racks/
Miter Gears
Imperfect
Products

HG40A

● Order No. Example

HG40A 20H

Type No. of Teeth
└──────────┘
Sprocket No.



- Chain No.40
- Chain Pitch (P)12.70mm
- Roller Link Inner Width (W) 7.95mm
- Roller Outside Diameter (Dr) 7.92mm
- Tooth Width (T) 7.2 mm

m Carbon Structural Steel

h High-frequency Hardened Teeth

Type	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight kg	¥	Semi-F ¥
				Prepared Hole Product	Minimum			
HG 40A	11H	51	45.08	10	11	0.09		
	12H	55	49.07	10	11	0.10		
	13H	59	53.07	12	13	0.12		
	14H	63	57.07	12	13	0.14		
	15H	67	61.08	12	13	0.16		
	16H	71	65.10	13	14	0.18		
	17H	76	69.12	13	14	0.20		
	18H	80	73.14	13	14	0.23		
	19H	84	77.16	14	15	0.26		
	20H	88	81.18	14	15	0.29		
	21H	92	85.21	14	15	0.30		
	22H	96	89.24	14	15	0.35		
	23H	100	93.27	14	15	0.38		
	24H	104	97.30	14	15	0.40		
	25H	108	101.33	14	15	0.45		
	26H	112	105.36	14	15	0.49		
	27H	116	109.40	14	15	0.50		
	28H	120	113.43	14	15	0.56		
	29H	124	117.46	14	15	0.60		
	30H	128	121.50	14	15	0.63		

HG High-grade Sprocket with Hardened Teeth A-type



Order Method

Sprocket No. and Quantity



Postage

Same-day shipping



Guide

* Since we also manufacture sizes other than those in the catalog, and machine shaft holes/taps, etc., depending on your request, please contact our company's sales office for details.

m Carbon Structural Steel

h High-frequency Hardened Teeth

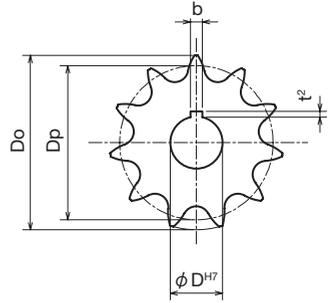
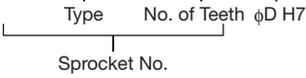
Type	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Weight kg	¥	Semi-F ¥
				Prepared Hole Product	Minimum			
HG 40A	32H	137	129.57	14	15	0.70		
	34H	145	137.64	14	15	0.80		
	35H	149	141.68	14	15	0.85		
	36H	153	145.72	16	17	0.90		
	38H	161	153.79	16	17	1.00		
	40H	169	161.87	16	17	1.20		
	42H	177	169.95	16	17	1.25		
	44H	185	178.02	16	17	1.35		
	45H	189	182.06	16	17	1.40		
	46H	193	186.10	16	17	1.49		
	48H	201	194.18	16	17	1.63		
	50H	209	202.26	16	17	1.80		
	52H	218	210.34	16	17	1.93		
	54H	226	218.42	16	17	2.00		
	55H	230	222.46	16	17	2.18		
	60H	250	242.66	16	17	2.60		
65H	270	262.87	16	17	3.00			
70H	290	283.07	16	17	3.50			
80H	331	323.49	20	21	4.60			

* Please refer to P24 to P33 for the Semi-F Series <Complete Product> order method.

FBK60B

● Order No. Example

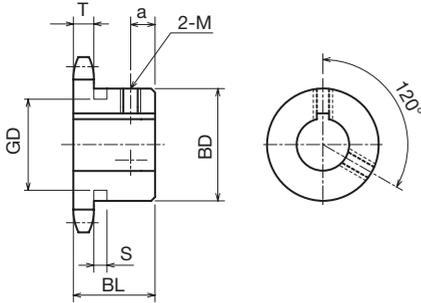
FBK 60B 20 D25



- ChainNo.60
- Chain Pitch(P)19.05mm
- Roller Link Inner Width(W)12.70mm
- Roller Outside Diameter(Dr)11.91mm
- Tooth Width(T)11.7 mm

Type	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Boss Diameter BD	Boss Length BL	a	Weight kg	φD ^{H7}	¥
FBK 60B	10	68	61.65	★49	32	6	0.49	25	
	11	76	67.62	★51	32	6	0.60	25 28 30	
	12	83	73.60	51	32	8	0.69	24 25 28 30	
	13	89	79.60	57	32	8	0.81	25 28 30	
	14	95	85.61	62	32	8	0.96	20 25 28 30	
	15	101	91.62	68	32	8	1.10	18 24 25 28 30	
	16	107	97.65	73	32	8	1.30	24 25 28 30	
	17	113	103.67	73	32	8	1.40	25 28 30	
	18	119	109.71	83	40	12	2.00	25 28 30	
	19	126	115.74	83	40	12	2.10	25 28 30 32 35 38	
	20	132	121.78	83	40	12	2.20	25 28 30 32 35 38 40	
	21	138	127.82	83	40	12	2.30	25 28 30	
	22	144	133.86	83	40	12	2.50	28 30 35 40	
	23	150	139.90	83	40	12	2.50	28 30	
	24	156	145.95	83	40	12	2.60	25 30 35 38 40	
	25	162	151.99	83	40	12	2.70	28 30 35 40	
	26	168	158.04	83	40	12	2.90	30 35	
	27	174	164.09	83	40	12	3.00	30 35 40	
	28	180	170.14	83	40	12	3.10	30 35 40	
	29	186	176.19	83	40	12	3.20	30 35 40	
	30	193	182.25	83	40	12	3.40	35 40	

FBK Finished Bore Sprocket Old JIS Keyway Specification



Sprocket No. ϕD^{H7} and Quantity



Same-day shipping



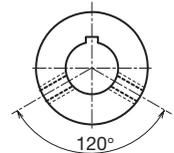
* Since we also manufacture sizes other than those in the catalog, and machine shaft holes/keys/taps, etc., depending on your request, please contact our company's sales office for details.

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

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

Shaft Hole Machined Specification

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



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

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

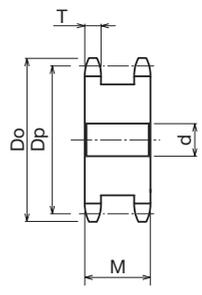
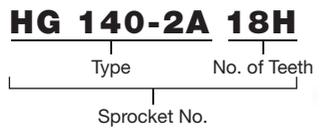
No. of Teeth	ϕD^{H7}	Set Screw M
12	35	6
13	40	6

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

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

HG 140-2A HG High-grade Sprocket with Hardened Teeth Two-row A-type

● Order No. Example



- Chain No.140-2
- Chain Pitch (P)44.45mm
- Roller Link Inner Width (W)25.40mm
- Roller Outside Diameter (Dr)25.40mm
- Tooth Width (T)22.7 mm (M)71.6mm

-  Carbon Structural Steel
-  High-frequency Hardened Teeth

Type	No. of Teeth	Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d		Boss Diameter BD	Boss Length BL	Shape	Weight kg	¥	Semi-F ¥
				Prepared Hole Product	Minimum						
HG 140-2A	15H	236	213.79	38	39	164	71.6	Ground Specification	16.66		Series Addition under Discussion
	16H	250	227.84	38	39	178	71.6		19.17		
	18H	279	255.98	38	39	207	71.6		24.77		
	20H	307	284.14	38	39	235	71.6		31.01		
	22H	336	312.34	38	39	264	71.6		38.04		
	24H	364	340.54	38	39	292	71.6		45.68		
	25H	379	354.65	38	39	307	71.6		49.87		
	28H	421	397.00	38	39	349	71.6		63.19		
	30H	450	425.24	38	39	378	71.6		73.07		



Order Method

Sprocket No. and Quantity



Weight limit for single product packaging

* Goods for which the weight of a single item exceeds 30kg
With Sagawa Express/Yamato Transport, products cannot be shipped at any time.



Postage

Same-day shipping



Guide

* Since we also manufacture sizes other than those in the catalog, and machine shaft holes/keys/taps, etc., depending on your request, please contact our company's sales office for details.

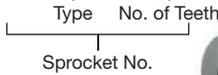
NK140B/NK140C



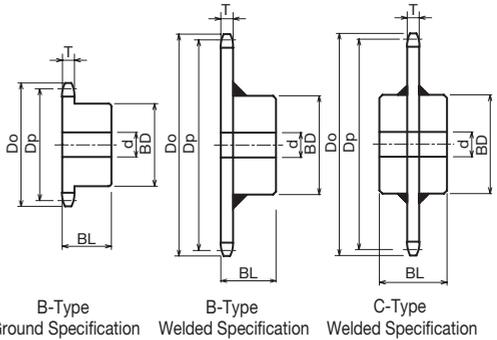
Standard Sprocket B-type/C-type

● Order No. Example

NK140B 20



Ground Specification Welded Specification



- Chain No.140
- Chain Pitch (P)44.45mm
- Roller Link Inner Width (W)25.40mm
- Roller Outside Diameter (Dr)25.40mm
- Tooth Width (T)23.5 mm

Sprocket No.		Outer Diameter Do	Pitch Diameter Dp	Shaft Hole Diameter d			Boss Diameter BD	Boss Length BL	Weight kg	Shape	Material	¥	Semi-F ¥
Type	No. of Teeth			Prepared Hole Product	Minimum	Maximum							
NK 140B	10	163	143.84	26	27	66	98	56	4.90	Ground Specification	Carbon Structural Steel		
	11	178	157.78	26	27	70	106	56	5.50				
	12	193	171.74	26	27	80	117	56	6.60				
	13	207	185.74	26	27	80	117	63	7.90				
	14	221	199.76	26	27	89	127	63	9.30				
	15	236	213.79	26	27	89	127	63	10.10				
	16	250	227.84	26	27	89	127	63	11.00				
	17	264	241.91	26	27	89	127	63	12.00				
	18	279	255.98	26	27	89	127	63	13.00				
	19	293	270.06	26	27	95	137	71	15.60				
	20	307	284.15	26	27	95	137	71	16.70				
	21	322	298.24	26	27	95	137	71	17.90				
	22	336	312.34	30	31	95	137	71	18.40				
	23	350	326.44	30	31	95	137	71	20.10				
	24	364	340.54	30	31	95	137	71	20.90				
	25	379	354.65	30	31	103	147	80	24.10				
	26	393	368.77	30	31	103	147	80	25.50				
	27	407	382.88	30	31	103	147	80	28.20				
	28	421	397.00	30	31	103	147	80	30.10				
30	450	425.24	30	31	103	147	80	31.50					
32	478	453.49	30	31	103	147	80	36.00					
35	521	495.88	30	31	110	157	90	42.90					
36	535	510.01	30	31	110	157	90	47.40					
38	563	538.27	30	31	110	157	90	51.00					
40	591	566.54	30	31	110	157	90	53.10					
42	620	594.81	30	31	110	157	90	60.00					
NK 140C	45	662	637.22	30	31	118	167	100	68.00	Welded Specification	Common Steel		
	48	705	679.63	30	31	118	167	100	75.00				
	50	733	707.91	30	31	118	167	100	85.30				
	54	790	764.47	35	36	118	167	100	97.40				
	60	875	849.32	35	36	118	167	112	119.30				



Sprocket No. and Quantity



* Goods for which the weight of a single item exceeds 30kg With Sagawa Express/Yamato Transport, products cannot be shipped at any time.



Same-day shipping



* Since we also manufacture sizes other than those in the catalog, and machine shaft holes/keys/taps, etc., depending on your request, please contact our company's sales office for details.

* Please refer to P24 to P33 for the Semi-F Series <Complete Product> order method.

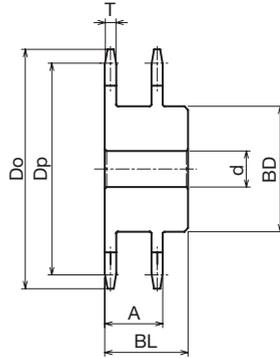
◇ Sprocket for use with Triple Speed/Carrier Chain



● Order No. Example

C5B10N

Sprocket No.



m Carbon Structural Steel

Sprocket No.	No. of Teeth	Pitch Diameter Dp	Outer Diameter Do	Tooth Width T	Shaft Hole Diameter d			Boss		A	¥	Semi-F ¥
					Prepared hole	Minimum	Maximum	BD	BL			
C3B9N	9	55.70	63	3	10	11	21	33	22	15.3		
C3B10N	10	61.65	68	3	13	14	23	37	25	15.3		
C4B10N	10	82.20	93	4	16	17	33	52	40	21.5		
C4B11	11	90.16	102	4	16	17	36	58	35	21.5		
C4B12	12	98.14	110	4	16	17	41	65	35	21.5		
C5B10N	10	102.75	117	5	16	17	41	66	45	27		
C5B11	11	112.70	127	5	20	21	48	77	50	27		
C5B12N	12	122.67	138	5	20	21	54	87	45	27		
C6B10N	10	123.30	137	6	19	20	51	81	50	31		
C6B11	11	135.24	150	6	20	21	50	80	50	31		
C6B12	12	147.21	162	6	20	21	50	80	50	31		



Sprocket No. and Quantity



Same-day shipping

* Please refer to P24 to P33 for the Semi-F Series <Complete Product> order method.

- Semi-F Series & FITLINK
- Roller Chains
- Chain Accessories
- Idlers & Tensioners
- Sprockets
- Oilless Bushings
- Transmission Accessories
- Conveyor Chains/Sprockets
- Chain Couplings
- Roller Chains
- Triple Speed/Carrier (Impress) Chains
- Timing Belts/ Pulleys/ Hangers
- Shaft Collars
- Pinions/Racks/ Miter Gears
- Imperfect Products

Standard Sprockets

25B Series

Type	Material
SP25B	S45C Equivalent
SSP25B	SUS304 Equivalent

Accessory: Set Screw (Only for shaft bore specifications [N])

Shaft Bore Specs. **S** (Pilot Bore) Shaft Bore Specs. **N** (New JIS Key + Tap)

Offset between tooth tip and keyway is ±0.5mm.

Part Number	Shaft Bore Specs.	Shaft Bore Dia.			Dp	Do	H	L	ℓ	Mass (g)	Unit Price			
		Spec. (Dh)	N Specification (DH7)	Products with the shaft bore dia. marked with * are in Stock.							S Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)	
16	S	9	10* 10K* 12*		32.55	36	25	15	6	60				
17		9	10* 10K* 12*		34.56	38				70				
18		9	10* 10K* 12*		36.57	40				90				
19		9	10* 10K* 12*		38.58	42				110				
20		9	10* 10K* 12*		40.59	44				120				
21		9	10* 10K 12*		42.61	46				140				
22		9	12* 15*		44.62	48				150				
23		9	12* 15*		46.63	50				160				
24		9	12* 15*		48.65	52	170							
25		N	9	12* 15* 16*		50.66	54	35	20	8	180			
26			9	12* 15 16		52.68	56				190			
28			9	12* 15* 16*		56.71	60				200			
30			9	12* 15* 16		60.75	64				210			
32			10	15* 16 20*		64.78	68				220			
34			10	15 16 20		68.82	72				230			
35			10	15 16 20		70.84	74				240			
36	10		15 16 20		72.86	76	250							
38	10	15 16 20		76.9	80	260								
40	10	15* 16* 20*		80.93	84	270								

When selecting 10K, shaft bore diameter is Ø10 and keyway width is 4mm (1.8mm in height).

Shaft Bore Specifications

Shaft Bore Dia. D	Keyway b x t x L	Set Screw M
10	3x1.4	4
10K, 12	4x1.8	5
15, 16	5x2.3	6
20	6x2.8	6

Ordering Example

Part Number - Bore Specification - Shaft Bore Dia.

SP25B16 - N - 10

SSP25B22 - S - 9

Standard Sprockets

35B Series

Type	Material	Surface Treatment
SP35B	S45C Equivalent	-
BSP35B	Induction Hardened Teeth Tip	Black Oxide
SSP35B	SUS304 Equivalent	-

Accessory: Set Screw (Only for shaft bore specifications [N])

Shaft Bore Specs. **S** (Pilot Bore) Shaft Bore Specs. **N** (New JIS Key + Tap)

Offset between tooth tip and keyway is ±0.5mm. For the 13 or less teeth, sprockets have grooves on hub O.D.

Part Number	Shaft Bore Specs.	Shaft Bore Dia.			Dp	Do	H	GD	L	ℓ	Mass (g)	Unit Price					
		Spec. (Dh)	N Specification (DH7)	Products with the shaft bore dia. marked with * are in Stock.								S Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)			
9	S	8	10* 10K*		27.85	32	21.5	17	20	6	60						
10		8	10* 10K* 12*		30.82	34	24.5	20			80						
11		8	10* 10K* 12*		33.81	38	27	23			90						
12		9	10* 10K* 12* 14* 15* 16* 17*		36.8	41	30.5	26			120						
13		9	10* 10K* 12* 14* 15* 16 17*		39.8	44	32	29			150						
14		9	10 10K* 12* 14 15* 16 17*		42.81	47	32				160						
15		9	10* 10K* 12* 14* 15* 16 17* 18* 19* 20*		45.81	51	35				190						
16		9	10* 10K* 12* 14 15* 16 17* 18* 19 20* 22		48.82	54	37				220						
17		11	12* 14 15* 16 17* 18* 19 20* 22 24 25*		51.84	57	41				250						
18		11	12* 14 15* 16 17* 18* 19 20* 22 24* 25*		54.85	60	44				280						
19		11	12* 14 15* 16 17 18 19 20* 22 24 25		57.87	63	47				290						
20		11	12* 14 15* 16 17* 18* 19 20* 22* 24 25* 28* 30*		60.89	66	50				320						
21		11	12 14 15 16 17 18* 19 20* 22 24 25 28 30		63.91	69	53				360						
22		11	12 14 15 16 17 18 19 20* 22 24 25* 28 30		66.93	72	56				370						
23		11	12 14 15 16 17 18 19 20 22 24 25 28 30		69.95	75	60				380						
24		11	12* 14 15* 16 17 18 19 20* 22 24 25 28 30		72.97	78	60				390						
25		11	15* 16 17 18 19 20* 22 24* 25* 28 30*		75.99	81					430						
26		11	15 16 17 18 19 20 22 24 25 28 30		79.02	84					440						
28		11	15* 16 17 18 19 20 22 24 25 28 30		85.07	90					450						
30		11	15* 16 17 18 19 20 22 24 25 28 30		91.12	96					480						
32		11	15* 16 17 18 19 20 22 24 25 28 30		97.18	102					510						
34		11	15 16 17 18 19 20 22 24 25 28 30		103.23	109					540						
35		11	20 22 24 25 28 30		106.26	112					570						
36		11	20 22 24 25 28 30		106.26	112					590						
38		11	20 22 24 25 28 30		109.29	115					610						
40		12	20 22 24 25 28 30		115.34	121					620						
9		N	10	10K		27.85	32	21.5			17	25	10	60			
10			10 10K* 12*		30.82	34	24.5	20			80						
11			10 10K* 12		33.81	38	27	23			90						
12			10 10K* 12* 14 15* 16* 17*		36.8	41	30.5	26			120						
13			10 10K 12* 14 15* 16 17		39.8	44	32	29			150						
14			10 10K 12* 14 15* 16 17		42.81	47	32				160						
15			10* 10K 12* 14 15* 16 17 18* 19 20*		45.81	51	35				190						
16			10 10K 12* 14 15* 16 17* 18 19 20* 22		48.82	54	37				220						
17			12 14 15 16 17 18 19 20 22 24 25		51.84	57	41				250						
18			12 14 15* 16* 17 18 19 20* 22 24 25* 28 30		54.85	60	44				280						
19			12 14 15 16 17 18 19 20 22 24 25		57.87	63	47				290						
20			12* 14 15* 16 17 18 19 20* 22 24 25* 28 30		60.89	66	50				320						
21			12 14 15 16 17 18 19 20 22 24 25 28 30		63.91	69	53				360						
22			12 14 15 16 17 18 19 20 22 24 25 28 30		66.93	72	56				370						
23	12 14 15 16 17 18 19 20 22 24 25 28 30			69.95	75	60		380									
24	12 14 15 16 17 18 19 20 22 24 25 28 30			72.97	78	60		390									
25	15 16 17 18 19 20 22 24 25 28 30			75.99	81			430									
26	15 16 17 18 19 20 22 24 25 28 30			79.02	84			440									
28	15 16 17 18 19 20 22 24 25 28 30			85.07	90			450									
30	15 16 17 18 19 20 22 24 25 28 30			91.12	96			480									
32	15 16 17 18 19 20 22 24 25 28 30			97.18	102			510									
34	15 16 17 18 19 20 22 24 25 28 30			103.23	109			540									
35	20 22 24 25 28 30			106.26	112			570									
36	20 22 24 25 28 30			106.26	112			590									
38	20 22 24 25 28 30			109.29	115			610									
40	20 22 24 25 28 30			115.34	121			620									
9	S		8	10* 12*		27.85	32	21.5	17	20	6			60			
10			8 10 12*		30.82	34	24.5	20	80								
11			9 10* 12* 15*		33.81	38	27	23	90								
12			9 10 12 15* 16		36.8	41	30.5	26	120								
13			9 10 12 15* 16		39.8	44	32	29	150								
14			9 10 12* 15* 16		42.81	47	32		160								
15			9 10 12* 15* 16*		45.81	51	35		190								
16			9 10* 12* 15* 16* 18*		48.82	54	37		220								
17			11 12 15 16 18 20		51.84	57	41		250								
18			11 12* 15* 16 18 20		54.85	60	44		280								
19			11 12 15 16 18 20*		57.87	63	47		290								
20			11 12* 15* 16 18 20*		60.89	66	50		320								
21			11 12 15 16 18 20*		63.91	69	53		360								
22			11 12 15* 16 18 20		66.93	72	56		370								
23		11 12 15 16 18 20		69.95	75	60		380									
24		11 12 15* 16 18 20* 22 25*		72.97	78			430									
30		11 15 16 18 20 22 25		91.12	96			480									
32		11 15 16 18 20 22 25		97.18	102			510									
40		12 18 20 22 25		121.4	127			620									
9		N	8	10* 12*		27.85	32	21.5	17			25	10	60			
10			8 10 12*		30.82	34	24.5	20	80								
11			9 10* 12* 15*		33.81	38	27	23	90								
12			9 10 12 15* 16		36.8	41	30.5	26	120								
13			9 10 12 15* 16		39.8	44	32	29	150								
14			9 10 12* 15* 16		42.81	47	32		160								
15			9 10 12* 15* 16*		45.81	51	35		190								
16			9 10* 12* 15* 16* 18*		48.82	54	37		220								
17			11 12 15 16 18 20		51.84	57	41		250								
18			11 12* 15* 16 18 20		54.85	60	44		280								
19			11 12 15 16 18 20*		57.87	63	47		290								
20			11 12* 15* 16 18 20*		60.89	66	50		320								
21			11 12 15 16 18 20*		63.91	69	53		360								
22			11 12 15* 16 18 20		66.93	72	56		370								
23			11 12 15 16 18 20		69.95	75	60		380								
24			11 12 15* 16 18 20* 22 25*		72.97	78			430								
30			11 15 16 18 20 22 25		91.12	96			480								
32			11 15 16 18 20 22 25		97.18	102			510								
40			12 18 20 22 25		121.4	127			620								

For sprockets with Number of Teeth: 17 and the Shaft Dia.: 25mm, the M6 set screw is applicable. When selecting 10K, shaft bore diameter is Ø10 and keyway width is 4mm (1.8mm in height).

Shaft Bore Specifications

Shaft Bore Dia. D	Keyway b x t x L	Set Screw M
10	3x1.4	4
10K, 12	4x1.8	5
14-17	5x2.3	6
18-22	6x2.8	6
24-30	8x3.3	8

Ordering Example

Part Number - Bore Specification - Shaft Bore Dia.

SP35B16 - N - 10

SSP35B17 - S - 11

Standard Sprockets

40B Series

Standard Sprockets

50B Series

Type | **M Material** | **S Surface Treatment**

SP40B | S45C Equivalent | -

BSP40B | (Induction Hardened Teeth Tip) | Black Oxide

SSP40B | SUS304 Equivalent | -

A Accessory: Set Screw (Only for shaft bore specifications [N])

Shaft Bore Specs. **S** (Pilot Bore) | Shaft Bore Specs. **N** (New JIS Key + Tap)

⊕ Offset between tooth tip and keyway is ±0.5mm. ⊕ For the 12 or less teeth, sprockets have grooves on hub O.D.

Type | **M Material** | **S Surface Treatment**

SP50B | S45C Equivalent (Induction Hardened Teeth Tip) | Black Oxide

BSP50B | - | -

SSP50B | SUS304 Equivalent | -

A Accessory: Set Screw (Only for shaft bore specifications [N])

Shaft Bore Specs. **S** (Pilot Bore) | Shaft Bore Specs. **N** (New JIS Key + Tap)

⊕ Offset between tooth tip and keyway is ±0.5mm. ⊕ For the 13 or less teeth, sprockets have grooves on hub O.D.

Part Number	Shaft Bore Specs.	Number of Teeth	Shaft Bore Dia.		Dp	Do	H	GD	L	ℓ	Mass (g)	Unit Price			
			N Specification (Dh7)	Products with the shaft bore dia. marked with * are in Stock.								S Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)	
SP40B	S	9	10K* 12* 14*	37.13 42 28 23	110	140	5	22	5	110	110	-	-	-	
		10	10K* 12* 14 15* 16* 17*	41.1 46 32 27	140	190	6	22	5	140	140	-	-	-	
		11	10K* 12* 14 15* 16* 17* 18*	45.08 51 36 31	190	220	6	22	5	190	190	-	-	-	
		12	10K* 12* 14 15* 16* 17* 18* 19*	49.07 55 40 35	220	230	6	22	5	220	220	-	-	-	
		13	12* 14 15* 16* 17* 18* 19* 20*	53.07 59 37	230	240	6	22	5	230	230	-	-	-	
		14	12* 14 15* 16* 17* 18* 19* 20* 22*	57.07 63 42	240	250	6	22	5	240	240	-	-	-	
		15	12* 14 15* 16* 17* 18* 19* 20* 22* 24*	61.08 67 46	250	260	6	22	5	250	250	-	-	-	
		16	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25*	65.1 71 50	260	270	6	22	5	260	260	-	-	-	
		17	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25* 28*	69.12 76 54	270	280	6	22	5	270	270	-	-	-	
		18	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30*	73.14 80 57	280	290	6	22	5	280	280	-	-	-	
		19	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32*	77.16 84 62	290	300	6	22	5	290	290	-	-	-	
		20	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35*	81.18 88 67	300	310	6	22	5	300	300	-	-	-	
		21	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	85.21 92 71	310	320	6	22	5	310	310	-	-	-	
		22	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	89.24 96 75	320	330	6	22	5	320	320	-	-	-	
		23	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	93.27 100 77	330	340	6	22	5	330	330	-	-	-	
		24	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	97.3 104	340	350	6	22	5	340	340	-	-	-	
		25	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	101.33 108	350	360	6	22	5	350	350	-	-	-	
		26	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	105.36 112 63	360	370	6	22	5	360	360	-	-	-	
		28	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	113.43 120	370	380	6	22	5	370	370	-	-	-	
		30	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	121.5 128	380	390	6	22	5	380	380	-	-	-	
	32	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	129.57 137	390	400	6	22	5	390	390	-	-	-		
	34	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	137.64 145	400	410	6	22	5	400	400	-	-	-		
	35	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	141.68 149	410	420	6	22	5	410	410	-	-	-		
	36	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	145.72 153	420	430	6	22	5	420	420	-	-	-		
	38	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	153.79 161	430	440	6	22	5	430	430	-	-	-		
	40	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	161.87 169	440	450	6	22	5	440	440	-	-	-		
	BSP40B (BSP is not compliant with S Spec.)	N	9	10K 12 14	37.13 42 28 23	110	140	5	22	5	110	110	-	-	-
			10	10K 12* 14 15* 16* 17*	41.1 46 32 27	140	190	6	22	5	140	140	-	-	-
			11	10K 12* 14 15* 16* 17* 18*	45.08 51 36 31	190	220	6	22	5	190	190	-	-	-
			12	10K 12* 14 15* 16* 17* 18* 19*	49.07 55 40 35	220	230	6	22	5	220	220	-	-	-
			13	12* 14 15* 16* 17* 18* 19* 20*	53.07 59 37	230	240	6	22	5	230	230	-	-	-
			14	12* 14 15* 16* 17* 18* 19* 20* 22*	57.07 63 42	240	250	6	22	5	240	240	-	-	-
			15	12* 14 15* 16* 17* 18* 19* 20* 22* 24*	61.08 67 46	250	260	6	22	5	250	250	-	-	-
			16	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25*	65.1 71 50	260	270	6	22	5	260	260	-	-	-
			17	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25* 28*	69.12 76 54	270	280	6	22	5	270	270	-	-	-
			18	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30*	73.14 80 57	280	290	6	22	5	280	280	-	-	-
			19	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32*	77.16 84 62	290	300	6	22	5	290	290	-	-	-
			20	12* 14 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35*	81.18 88 67	300	310	6	22	5	300	300	-	-	-
			21	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	85.21 92 71	310	320	6	22	5	310	310	-	-	-
			22	14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	89.24 96 75	320	330	6	22	5	320	320	-	-	-
23			14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	93.27 100 77	330	340	6	22	5	330	330	-	-	-	
24			14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	97.3 104	340	350	6	22	5	340	340	-	-	-	
25			14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	101.33 108	350	360	6	22	5	350	350	-	-	-	
26			14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	105.36 112 63	360	370	6	22	5	360	360	-	-	-	
28			14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	113.43 120	370	380	6	22	5	370	370	-	-	-	
30			14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	121.5 128	380	390	6	22	5	380	380	-	-	-	
32		14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	129.57 137	390	400	6	22	5	390	390	-	-	-		
34		14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	137.64 145	400	410	6	22	5	400	400	-	-	-		
35		14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	141.68 149	410	420	6	22	5	410	410	-	-	-		
36		14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	145.72 153	420	430	6	22	5	420	420	-	-	-		
38		14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	153.79 161	430	440	6	22	5	430	430	-	-	-		
40		14* 15* 16* 17* 18* 19* 20* 22* 24* 25* 28* 30* 32* 35* 40*	161.87 169	440	450	6	22	5	440	440	-	-	-		
SSP40B		S	9	12* 15* 16	41.1 46 32 27	140	190	5	22	5	140	140	-	-	-
			10	15* 16 18 20*	45.08 51 36 31	190	220	5	22	5	190	190	-	-	-
			11	15* 16* 18 20*	49.07 55 40 35	220	230	5	22	5	220	220	-	-	-
			12	15* 16 18 20*	53.07 59 37	230	240	5	22	5	230	230	-	-	-
			13	15* 16 18 20*	57.07 63 42	240	250	5	22	5	240	240	-	-	-
			14	15* 16 18 20*	61.08 67 46	250	260	5	22	5	250	250	-	-	-
			15	15* 16 18 20*	65.1 71 50	260	270	5	22	5	260	260	-	-	-
			16	15* 16 18 20*	69.12 76 54	270	280	5	22	5	270	270	-	-	-
			17	15* 16 18 20*	73.14 80 57	280	290	5	22	5	280	280	-	-	-
			18	15* 16 18 20*	77.16 84 62	290	300	5	22	5	290	290	-	-	-
			19	15* 16 18 20*	81.18 88 67	300	310	5	22	5	300	300	-	-	-
			20	15* 16 18 20*	85.21 92 71	310	320	5	22	5	310	310	-	-	-
			21	15* 16 18 20*	89.24 96 75	320	330	5	22	5	320	320	-	-	-
			22	15* 16 18 20*	93.27 100 77	330	340	5	22	5	330	330	-	-	-
	23		15* 16 18 20*	97.3 104	340	350	5	22	5	340	340	-	-	-	
	24		15* 16 18 20*	101.33 108	350	360	5	22	5	350	350	-	-	-	
	26		15* 16 18 20*	105.36 112 63	360	370	5	22	5	360	360	-	-	-	
	28		15* 16 18 20*	113.43 120	370	380	5	22	5	370	370	-	-	-	
	30		15* 16 18 20*	121.5 128	380	390	5	22	5	380	380	-	-	-	
	32		15* 16 18 20*	129.57 137	390	400	5	22	5	390	390	-	-	-	
	34	15* 16 18 20*	137.64 145	400	410	5	22	5	400	400	-	-	-		
	35	15* 16 18 20*	141.68 149	410	420	5	22	5	410	410	-	-	-		
	36	15* 16 18 20*	145.72 153	420	430	5	22	5	420	420	-	-	-		
	40	15* 16 18 20*	161.87 169	440	450	5	22	5	44						

Standard Sprockets

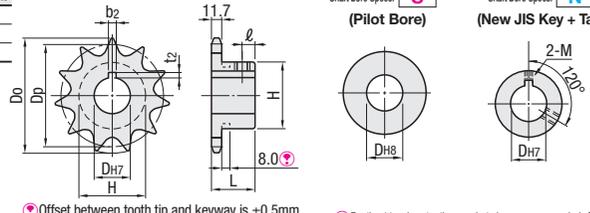
60B Series



RoHS

Type	Material	Surface Treatment
SP60B	S45C Equivalent (Induction Hardened Teeth Tip)	-
BSP60B	S45C Equivalent (Induction Hardened Teeth Tip)	Black Oxide
SSP60B	SUS304 Equivalent	-

Accessory: Set Screw
(Only for shaft bore specifications [N])



Shaft Bore Specs. **S** (Pilot Bore) Shaft Bore Specs. **N** (New JIS Key + Tap)

Offset between tooth tip and keyway is ±0.5mm.

For the 11 or less teeth, sprockets have grooves on hub O.D.

Part Number	Type	Number of Teeth	Shaft Bore Specs.	Shaft Bore Dia.		Dp	Do	H	GD	L	ℓ	Mass (g)	Unit Price						
				Specification (Dh7)	Products with the shaft bore dia. marked with * are in Stock.								Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)				
9	SP60B	9	S	12	19 22*	55.7	63	43	32	32	6	400	-	-	-				
10		14		19 22 24 25*	61.65	68	49	37	490			-	-	-					
11		14		19 22 24 25 28 30	67.62	76	51	45	600			-	-	-					
12		14		19 22 24 25 28 30* 32* 35	73.6	83	51	-	690			-	-	-					
13		14		19* 22 24 25 28* 30* 32 35 38	79.6	89	57	-	810			-	-	-					
14		14		19 22 24 25* 28 30* 32 35 38 40	85.61	95	62	-	960			-	-	-					
15		14		19 22 24 25* 28 30* 32 35* 38 40* 42 45	91.62	101	68	-	1100			-	-	-					
16		14		19 22 24 25* 28 30* 32 35* 38* 40* 42 45 50*	97.65	107	-	-	1300			-	-	-					
17		14		19 22 24 25 28 30* 32* 35 38 40 42 45 50	103.67	113	73	-	1400			-	-	-					
18		14		19 22 24 25* 28 30 32 35* 38 40 42 45 50	109.71	119	-	-	2000			-	-	-					
19		14		19 22 24 25 28 30 32 35 38 40 42 45 50	115.74	126	-	-	2100			-	-	-					
20		14		19 22 24 25* 28 30* 32 35* 38 40* 42 45 50	121.78	132	-	-	2200			-	-	-					
21		14		16 22 24 25 28 30 32 35 38 40 42 45 50	127.82	138	-	-	2300			-	-	-					
22		14		22 24 25 28 30 32 35 38 40 42 45 50	133.86	144	-	-	2500			-	-	-					
23		14		22 24 25 28 30 32 35 38 40 42 45 50	139.9	150	-	-	2500			-	-	-					
24		14		22 24 25 28 30* 32 35* 38 40 42 45 50	145.95	156	83	-	2600			-	-	-					
25		14		22 24 25 28 30 32 35 38 40 42 45 50	151.99	162	-	-	2700			-	-	-					
26		14		22 24 25 28 30 32 35 38 40 42 45 50	158.04	168	-	-	2900			-	-	-					
27		14		22 24 25 28 30 32 35 38 40 42 45 50	164.09	174	-	-	3000			-	-	-					
28		14		22 24 25 28 30 32 35 38 40 42 45 50	170.14	180	-	-	3100			-	-	-					
30		14		22 24 25 28 30 32 35 38 40* 42 45 50	182.25	193	-	-	3400			-	-	-					
9		BSP60B		9	N	19	22 24 25	55.7	63			43	32	32	6	400	-	-	-
10				19		22 24 25 28 30	61.65	68	49			37	490			-	-	-	
11				19		22 24 25 28 30 32 35	67.62	76	51			45	600			-	-	-	
12				19		22 24 25 28 30 32 35 38	73.6	83	51			-	690			-	-	-	
13				19		22 24 25 28 30 32 35 38 40	79.6	89	57			-	810			-	-	-	
14				19		22 24 25 28 30 32 35 38 40 42 45	85.61	95	62			-	960			-	-	-	
15				19		22 24 25 28 30 32 35 38 40 42 45 50	91.62	101	68			-	1100			-	-	-	
16				19		22 24 25 28 30 32 35 38 40 42 45 50	97.65	107	-			-	1300			-	-	-	
17				19		22 24 25 28 30 32 35 38 40 42 45 50	103.67	113	73			-	1400			-	-	-	
18	19		22 24 25 28 30 32 35 38 40 42 45 50	109.71		119	-	-	2000	-	-	-							
19	19		22 24 25 28 30 32 35 38 40 42 45 50	115.74		126	-	-	2100	-	-	-							
20	19		22 24 25 28 30* 32 35 38 40 42 45 50	121.78		132	-	-	2200	-	-	-							
21	19		22 24 25 28 30 32 35 38 40 42 45 50	127.82		138	-	-	2300	-	-	-							
22	19		22 24 25 28 30 32 35 38 40 42 45 50	133.86		144	-	-	2500	-	-	-							
23	19		22 24 25 28 30 32 35 38 40 42 45 50	139.9		150	-	-	2500	-	-	-							
24	19		22 24 25 28 30 32 35 38 40 42 45 50	145.95		156	83	-	2600	-	-	-							
25	19		22 24 25 28 30 32 35 38 40 42 45 50	151.99		162	-	-	2700	-	-	-							
26	19		22 24 25 28 30 32 35 38 40 42 45 50	158.04		168	-	-	2900	-	-	-							
27	19		22 24 25 28 30 32 35 38 40 42 45 50	164.09		174	-	-	3000	-	-	-							
28	19		22 24 25 28 30 32 35 38 40 42 45 50	170.14		180	-	-	3100	-	-	-							
30	19		22 24 25 28 30 32 35 38 40 42 45 50	182.25		193	-	-	3400	-	-	-							
10	SSP60B		10	S		14	22 25	61.65	68	49	37	32	6			490	-	-	-
11			14			22 25	67.62	76	51	45	600					-	-	-	
12			14			22 25	73.6	83	51	-	690					-	-	-	
13			14			22 25 28	79.6	89	57	-	810					-	-	-	
14			14			22 25 28	85.61	95	62	-	960					-	-	-	
15			14			22 25 28 30 32 35 38	91.62	101	68	-	1100					-	-	-	
16			14			25 28 30 32 35 38	97.65	107	-	-	1300					-	-	-	
17			14			25 28 30 32 35 38	103.67	113	73	-	1400					-	-	-	
18			14			25 28 30 32 35 38 40	109.71	119	-	-	2000					-	-	-	
19		14	25 28 30 32 35 38 40		115.74	126	-	-	2100	-	-			-					
20		14	25 28 30 32 35 38 40		121.78	132	-	-	2200	-	-			-					
21		14	25 28 30 32 35 38 40		127.82	138	-	-	2300	-	-			-					
22		14	30 35 40		133.86	144	-	-	2500	-	-			-					
23		14	30 35 40		139.9	150	-	-	2500	-	-			-					
24		14	30 35 40		145.95	156	83	-	2600	-	-			-					
25		14	30 35 40		151.99	162	-	-	2700	-	-			-					
30		14	30 35 40		182.25	193	-	-	3400	-	-			-					

For the Number of Teeth: 12 and the Shaft Dia.: 35mm, the M6 set screw is applicable.

Shaft Bore Dia. D	Keyway b x t x z	Set Screw M
15-17	5x2.3	6
18-22	6x2.8	6
24-30	8x3.3	8
32-38	10x3.3	8
40	12x3.3	8
45	14x3.8	10

Ordering Example: Part Number - (Bore Specification) - (Shaft Bore Dia.)

Example: SP60B24 - N - 30

Example: SSP60B10 - S - 14

Standard Sprockets / Double Sprockets

80B Series

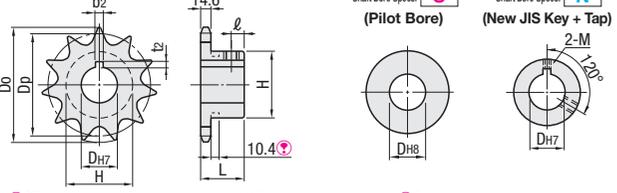
40SD, 50SD Series



RoHS

Type	Material
SP80B	S45C Equivalent (Induction Hardened Teeth Tip)

Accessory: Set Screw
(Only for shaft bore specifications [N])



Shaft Bore Specs. **S** (Pilot Bore) Shaft Bore Specs. **N** (New JIS Key + Tap)

Offset between tooth tip and keyway is ±0.5mm.

For the 9 teeth, sprockets have grooves on hub O.D.

Part Number	Type	Number of Teeth	Shaft Bore Specs.	Shaft Bore Dia.		Dp	Do	H	GD	L	ℓ	Mass (g)	Unit Price		
				Specification (Dh7)	Products with the shaft bore dia. marked with * are in Stock.								Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)
9	SP80B	9	S	14	25 28 30 32	74.27	85	58	44	40	12	870	-	-	-
10		15		25 28 30 32	82.19	93	52	1020	-			-	-		
11		15		25 28 30 32 35 38	90.16	102	60	1250	-			-	-		
12		15		25* 28 30 32 35 38 40 42	98.14	110	67	1600	-			-	-		
13		16		25 28 30* 32* 35 38 40 42 45 50*	106.14	118	-	-	1900			-	-	-	
14		16		25 28 30 32 35 38 40 42 45 50	114.15	127	-	-	2150			-	-	-	
15		20		25* 28 30 32 35 38 40 42 45 50*	122.17	135	-	-	2300			-	-	-	
16		20		25 28 30 32 35 38 40* 42 45 50	130.2	143	-	-	2500			-	-	-	
17		20		25 28 30* 32 35* 38 40* 42 45 50	138.23	151	-	-	2950			-	-	-	
18		20		25 28 30 32 35 38 40 42 45 50	146.27	159	-	-	3150			-	-	-	
19		20		25 28 30 32 35 38 40 42 45 50*	154.32	167	-	-	3400			-	-	-	
20		20		25* 28 30 32 35 38 40 42 45 50	162.37	176	-	-	3600			-	-	-	
21		20		25 28 30 32 35 38 40 42 45 50	170.42	184	-	-	3850			-	-	-	

Ordering Example: Part Number - (Bore Specification) - (Shaft Bore Dia.)

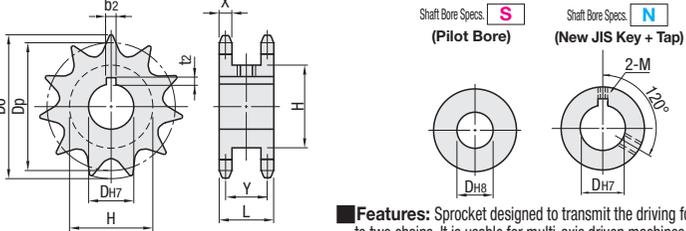
Example: SP80B20 - N - 42

Example: SP80B14 - S - 16



RoHS

Type	Material
SP40SD	S45C Equivalent (Induction Hardened Teeth Tip)
SP50SD	S45C Equivalent (Induction Hardened Teeth Tip)



Shaft Bore Specs. **S** (Pilot Bore) Shaft Bore Specs. **N** (New JIS Key + Tap)

Features: Sprocket designed to transmit the driving force to two chains. It is usable for multi-axis driven machines.

Part Number	Type	Number of Teeth	Shaft Bore Specs.	Shaft Bore Dia.		Dp	Do	H	L	X	Y	Mass (kg)	Unit Price		
				Specification (Dh7)	Products with the shaft bore dia. marked with * are in Stock.								Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)
12	SP40SD	12	S	10	15* 18*	49.07	55	34	35	7.2	27.8	0.33	-	-	-
13		13		53.07	59	38	0.4	-				-	-		
14		13		57.07	63	42	0.49	-				-	-		
15		13		61.08	67	46	0.57	-				-	-		
16		13		65.1	71	50	0.66	-				-	-		
17		13		69.12	76	54	0.76	-				-	-		
18		13		73.14	80	59	0.89	-				-	-		
19		13		77.16	84	63	1	-				-	-		
20		13		81.18	88	67	1.14	-				-	-		
21		13		85.21	92	71	1.23	-				-	-		

For Chains, see P.1535.

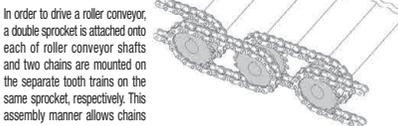
Part Number	Type	Number of Teeth	Shaft Bore Specs.	Shaft Bore Dia.		Dp	Do	H	L	X	Y	Mass (kg)	Unit Price		
				Specification (Dh7)	Products with the shaft bore dia. marked with * are in Stock.								Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)
12	SP50SD	12	S	13	18 20	61.34	69	43	40	8.7	31.3	0.63	-	-	-
13		13		66.34	74	48	0.75	-				-	-		
14		13		71.34	79	53	0.9	-				-	-		
15		13		76.35	84	58	1.04	-				-	-		
16		13		81.37	89	63	1.22	-				-	-		
17		13		86.39	94	68	1.41	-				-	-		
18		13		91.42	100	73	1.61	-				-	-		
19		16		96.45	105	79	1.8	-				-	-		
20		16		101.48	110	84	1.95	-				-	-		
21		16		106.51	115	89	2.27	-				-	-		

For Chains, see P.1535.

Ordering Example: Part Number - (Bore Specification) - (Shaft Bore Dia.)

Example: SP40SD16 - N - 20

Example



In order to drive a roller conveyor, a double sprocket is attached onto each of roller conveyor shafts and two chains are mounted on the separate tooth trains on the same sprocket, respectively. This assembly manner allows chains to be exchanged easily.

Joint Links, Offset Links

Standard Sprockets

11B, 15B Series

■ **Features:** Joint Links to connect chains. Available in each piece qty. for stocks and repair. Applicable Chains P.1591

■ **Joint Link**

JNTC (Steel)
JMTC (Lubrication-Free)
JNTS (Stainless Steel)

RoHS

Part Number Type	Nominal	Pin						Unit Price		
		h	m	n	t	ØD	H	JNTC	JMTC	JNTS
JNTC (Steel)	11	2.28	3.17	5.44	0.38	1.57	3.5	-	-	-
	15	3.05	3.85	6.80	0.57	1.62	4.3	-	-	-
	25	3.80	4.80	8.80	0.78	2.31	5.2	-	-	-
	35	5.70	7.10	12.85	1.20	3.60	7.7	-	-	-
	40	8.02	9.53	17.55	1.15	3.97	11.7	-	-	-
JMTC (Lubrication-Free)	40	8.02	9.53	17.55	1.15	3.97	11.7	-	-	-
	50	10.15	11.60	21.75	2.00	5.09	14.6	-	-	-
	60	12.65	14.15	26.80	2.40	5.96	17.5	-	-	-
	80	16.07	19.18	35.00	3.20	7.94	21.1	-	-	-

■ **Offset Link**

JNOC (Steel)
JMOC (Lubrication-Free)
JNOS (Stainless Steel)

RoHS

* Use offset links when an odd number of links are required.

Part Number Type	Nominal	Pin						Unit Price			
		h	m	n	t	ØD	H	W	JNOC	JMOC	JNOS
JNOC (Steel)	35	5.70	7.10	12.80	1.25	3.59	8.8	4.78	-	-	-
	40	8.02	9.53	17.55	1.50	3.97	11.7	7.95	-	-	-
	50	10.15	11.60	21.75	2.00	5.09	14.6	9.53	-	-	-
	60	12.65	14.15	26.80	2.40	5.96	17.5	12.70	-	-	-
	80	16.07	19.18	35.25	3.20	7.94	23.0	15.88	-	-	-

■ **Features:** Joint Links made of standard chains with attachment. Applicable chains P.1592

■ **Chains with Attachments Joint Link**

JNT-L (One Side Type)
JNT-T (Both Sides Type)

RoHS

Material: Steel

Part Number Type	Nominal	Pin		Plate		Attachment				Unit Price	
		L1	L2	t	C	X	Y	N	d	JNT-L	JNT-T
JNT-L (One Side Type)	40	8.07	9.48	1.5	7.9	12.7	17.4	9.5	3.6	-	-
	50	10.17	11.63	2.0	15.5	15.9	22.3	12.7	5.2	-	-
JNT-T (Both Sides Type)	60	12.70	14.20	2.4	19.05	19.05	27.2	15.9	5.2	-	-
	80	16.15	19.25	3.2	25.4	25.4	35.2	19.1	6.8	-	-

⚠ When ordering 1~ 9 link(s), "Unit Price + Low Quantity Surcharge (Line Item)" is applied.

Ordering Example
Part Number
JNTC60
JNT-L40

■ **Features:** Joint Links for double Pitch Chains. Applicable Chains P.1593

■ **Double Pitch S Type Dedicated Joint Link**

JNTWC

RoHS

Material: Steel

Part Number Type	Nominal	Pin						Unit Price		
		h	m	n	T	t	ØD	ØR	H	W
JNTWC	40	8.02	9.53	17.55	1.5	1.5	3.97	7.95	11.7	7.95
	50	10.15	11.60	21.75	2.0	2.0	5.09	10.16	14.6	9.53

Part Number Type	Nominal	Unit Price		Volume Discount Rate
		1 ~ 20 Link(s)	21 ~ 50 Links	
JNTWC	40	-	-	-
	50	-	-	-

Ordering Example
Part Number
JNTWC40

⚠ For orders larger than indicated quantity, please request a quotation.

■ **Features:** Rough shaft bore machining type S is also available for alteration.

RoHS

Type	Material
SSP11B	SUS304 Equivalent
SP15B	S45C Equivalent

⚠ Accessory: Set Screw
(Only for shaft bore specifications and)

Shaft Bore Specs. (Rough Machining) Shaft Bore Specs. (Round Bore + Tap) Shaft Bore Specs. (Round Bore + Tap) Shaft Bore Specs. (New JIS Key + Tap)

11B 15B

⚠ Set Screw (11B)
Number of Teeth 12~18 M3
20~48 M4

⚠ Offset between tooth tip and keyway is ±0.5mm.

■ **How to Select Applicable Chains** P.1578

Technical Information about Chain Drive Mechanism P.2305

Type	Part Number		Shaft Bore Specification	Shaft Bore Dia. (D)			Dp	Do	H	L	B	ℓ	Mass (g)	Unit Price									
	Nominal	Hub Type		Number of Teeth	S Specification	P Specifications (H7)								S Specification	P,N Specification								
						N Specifications (H7)																	
SSP	11	B	S	12	5	5	14.475	16.2	9.4	10.5	1.6	4	6	-	-								
				15	5	5	18.02	19.9	13				12	-	-								
				16	5	5	19.204	21.1	14				14	-	-								
				18	6	6	21.575	23.5	16				18	-	-								
				20	8	8	23.949	25.9	19				23	-	-								
				24	8	8	28.703	30.7	26				26	-	-								
				28	8	8	33.462	35.5	29				29	-	-								
				30	8	8	35.842	37.9	30				30	-	-								
				34	8	8	40.604	42.7	38				38	-	-								
				36	8	8	42.986	45.1	41				41	-	-								
				40	8	8	47.751	49.8	47				47	-	-								
				48	8	8	57.283	59.4	61				61	-	-								
				SP	15	B	S	11	5				5	16.9	19	11	12	2	4	9	-	-	
								12	5				5	18.4	20.5	12				10	10	-	-
								13	5				5	19.9	22	14				14	-	-	
								14	8				8	21.4	23.5	15				17	-	-	
15	8	8	22.91					25	17	22	-	-											
16	10	10	24.41					26.5	18	23	-	-											
17	10	10	25.92					28	20	32	-	-											
18	10	10	27.43					29.5	22	40	-	-											
20	10	10	30.44					32.5	24	49	-	-											
24	10	10	36.49					39	30	88	-	-											
N	12	12	12				39.51	42	33	104	-	-											
	15	12	15				42.54	45	37	131	-	-											
	16	12	15				45.56	48	39	147	-	-											
	30	12	15				50.1	52.5	40	178	-	-											
	33	12	15				53.13	55.5	40	182	-	-											
	35	12	15								-	-											

⚠ Shaft bore tolerance of S/P5 to S/P6 is H8.

■ Shaft Bore Machining Dimension Table (15B)

Shaft Bore Dia. D	Keyway bxtz	Set Screw M
5, 6	-	3
8	-	4
10	3x1.4	4
12	4x1.8	5
15	5x2.3	6
16	5x2.3	6

Ordering Example
Part Number - Shaft Bore Specs. - Shaft Bore Dia.
SSP11B15 - P - 6
SP15B20 - S - 10