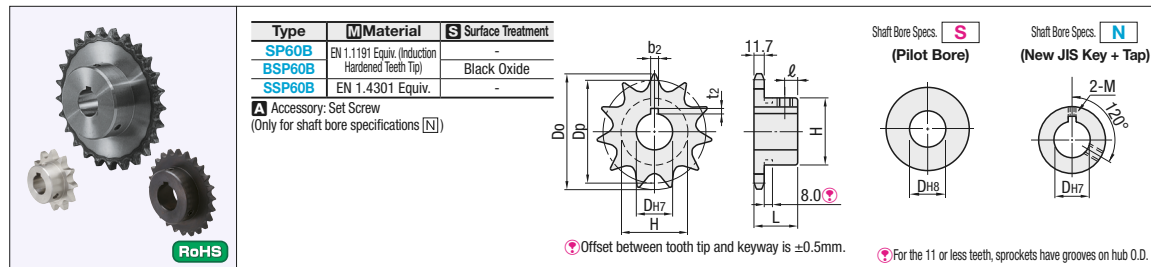


# Standard Sprockets

60B Series



Type	Material	Surface Treatment
SP60B	EN 1.1191 Equiv. (Induction Hardened Teeth Tip)	-
BSP60B	EN 1.1191 Equiv. (Induction Hardened Teeth Tip)	Black Oxide
SSP60B	EN 1.4301 Equiv.	-

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								
				N Specification (Dh7)											S Specification (In Stock)	N Spec. (In Stock)	N Spec. (Other than In Stock)						
9	SP60B	12	S	19	22	24	25	55.7	63	43	32	6	8	400	-	-	-						
10		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	73.6	83			51	-	690	-	-	-				
13		14		19	22	24	25	28	30	79.6	89			57	-	810	-	-	-				
14		16		19	22	24	25	28	30	85.61	95			62	-	960	-	-	-				
15		16		19	22	24	25	28	30	91.62	101			68	-	1100	-	-	-				
16		16		19	22	24	25	28	30	97.65	107			73	-	1300	-	-	-				
17		16		19	22	24	25	28	30	103.67	113			-	-	1400	-	-	-				
18		16		19	22	24	25	28	30	109.71	119			-	-	2000	-	-	-				
19		16		19	22	24	25	28	30	115.74	126			-	-	2100	-	-	-				
20		16		19	22	24	25	28	30	121.78	132			-	-	2200	-	-	-				
21		16		19	22	24	25	28	30	127.82	138			-	-	2300	-	-	-				
22		16		19	22	24	25	28	30	133.86	144			-	-	2500	-	-	-				
23		16		19	22	24	25	28	30	139.9	150			-	-	2600	-	-	-				
24		18		22	24	25	28	30	32	145.95	156			83	-	2700	-	-	-				
25		18		22	24	25	28	30	32	151.99	162			-	-	2900	-	-	-				
26		18		22	24	25	28	30	32	158.04	168			-	-	3000	-	-	-				
27		18		22	24	25	28	30	32	164.09	174			-	-	3100	-	-	-				
28		18		22	24	25	28	30	32	170.14	180			-	-	3100	-	-	-				
29		18		22	24	25	28	30	32	176.19	186			-	-	3400	-	-	-				
30		18		22	24	25	28	30	32	182.25	193			-	-	400	-	-	-				
9		BSP60B		12	N	19	22	24	25	55.7	63			43	32	6	8	400	-	-	-		
10				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			73.6	83			51	-	690	-	-	-
13				14		19	22	24	25	28	30			79.6	89			57	-	810	-	-	-
14				16		19	22	24	25	28	30			85.61	95			62	-	960	-	-	-
15				16		19	22	24	25	28	30			91.62	101			68	-	1100	-	-	-
16				16		19	22	24	25	28	30			97.65	107			73	-	1300	-	-	-
17	16		19	22		24	25	28	30	103.67	113	-	-	1400	-			-	-				
18	16		19	22		24	25	28	30	109.71	119	-	-	2000	-			-	-				
19	16		19	22		24	25	28	30	115.74	126	-	-	2100	-			-	-				
20	16		19	22		24	25	28	30	121.78	132	-	-	2200	-			-	-				
21	16		19	22		24	25	28	30	127.82	138	-	-	2300	-			-	-				
22	16		19	22		24	25	28	30	133.86	144	-	-	2500	-			-	-				
23	16		19	22		24	25	28	30	139.9	150	-	-	2600	-			-	-				
24	18		22	24		25	28	30	32	145.95	156	83	-	2700	-			-	-				
25	18		22	24		25	28	30	32	151.99	162	-	-	2900	-			-	-				
26	18		22	24		25	28	30	32	158.04	168	-	-	3000	-			-	-				
27	18		22	24		25	28	30	32	164.09	174	-	-	3100	-			-	-				
28	18		22	24		25	28	30	32	170.14	180	-	-	3100	-			-	-				
29	18		22	24		25	28	30	32	176.19	186	-	-	3400	-			-	-				
30	18		22	24		25	28	30	32	182.25	193	-	-	400	-			-	-				
9	SSP60B		12	S		14	22	25	-	61.65	68	49	37	6	8			490	-	-	-		
10			14			22	25	67.62	76	51	45	600	-					-	-				
11			14			22	25	73.6	83	51	-	690	-					-	-				
12			14			22	25	79.6	89	57	-	810	-					-	-				
13			16			22	25	85.61	95	62	-	960	-					-	-				
14			16			22	25	91.62	101	68	-	1100	-					-	-				
15			16			22	25	97.65	107	73	-	1300	-					-	-				
16			16			22	25	103.67	113	-	-	1400	-					-	-				
17		16	22		25	109.71	119	-	-	2000	-	-	-										
18		16	22		25	115.74	126	-	-	2100	-	-	-										
19		16	22		25	121.78	132	-	-	2200	-	-	-										
20		16	22		25	127.82	138	-	-	2300	-	-	-										
21		16	22		25	133.86	144	-	-	2500	-	-	-										
22		16	22		25	139.9	150	-	-	2600	-	-	-										
23		16	22		25	145.95	156	83	-	2700	-	-	-										
24		18	22		25	151.99	162	-	-	2900	-	-	-										
25		18	22		25	158.04	168	-	-	3000	-	-	-										
26		18	22		25	164.09	174	-	-	3100	-	-	-										
27		18	22		25	170.14	180	-	-	3100	-	-	-										
28		18	22		25	176.19	186	-	-	3400	-	-	-										
29		18	22		25	182.25	193	-	-	400	-	-	-										
30		18	22		25	188.3	199	-	-	490	-	-	-										

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

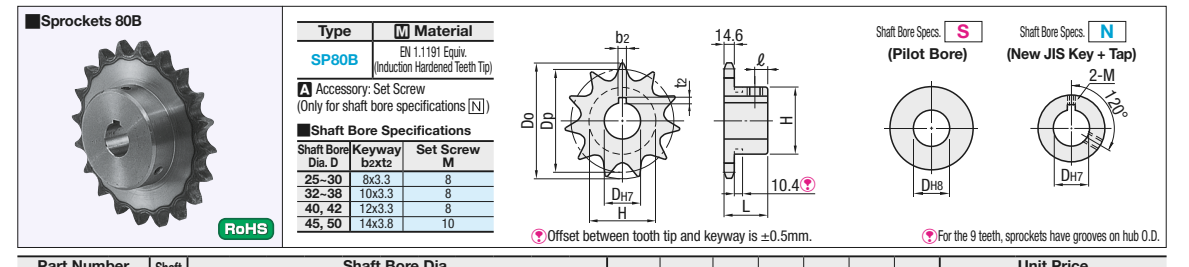
Shaft Bore Dia. D	Keyway b x t x z	Set Screw M
15-17	5x2.3	6
18-22	6x2.8	6
24-30	8x3.3	8
32-38	10x3.3	8
40	12x3.3	8
45	14x3.8	10

Ordering Example: Part Number - [Bore Specification] - [Shaft Bore Dia.]  
 Example: SP60B24 - N - 30  
 SSP60B10 - S - 14

# Standard Sprockets / Double Sprockets

80B Series

40SD, 50SD Series



Type	Material
SP80B	EN 1.1191 Equiv. (Induction Hardened Teeth Tip)

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

Shaft Bore Specifications

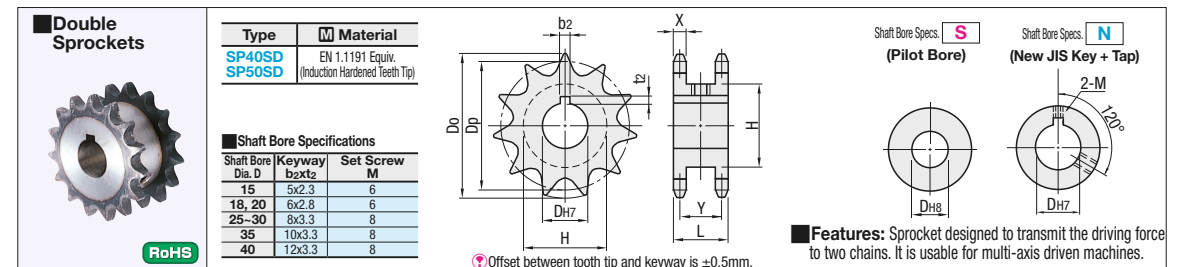
Shaft Bore Dia. D	Keyway b x t x z	Set Screw M
25-30	8x3.3	8
32-38	10x3.3	8
40, 42	12x3.3	8
45, 50	14x3.8	10

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			
				N Specification (Dh7)											S Specification (In Stock)	N Spec. (In Stock)	N Spec. (Other than In Stock)	
9	SP80B	14	S	25	28	30	32	74.27	85	58	44	7	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	98.14	110			67	1600	-	-	-
13		16		25	28	30	32	35	38	106.14	118			-	1900	-	-	-
14		16		25	28	30	32	35	38	114.15	127			-	2150	-	-	-
15		20		25	28	30	32	35	38	122.17	135			-	2300	-	-	-
16		20		25	28	30	32	35	38	130.2	143			-	2500	-	-	-
17		20		25	28	30	32	35	38	138.23	151			-	2950	-	-	-
18		20		25	28	30	32	35	38	146.27	159			-	3150	-	-	-
19		20		25	28	30	32	35	38	154.32	167			-	3400	-	-	-
20		20		25	28	30	32	35	38	162.37	176			-	3600	-	-	-
21		20		25	28	30	32	35	38	170.42	184			-	3850	-	-	-

Ordering Example: Part Number - [Bore Specification] - [Shaft Bore Dia.]  
 Example: SP80B20 - N - 42  
 SP80B14 - S - 16



Type	Material
SP40SD	EN 1.1191 Equiv. (Induction Hardened Teeth Tip)
SP50SD	EN 1.1191 Equiv. (Induction Hardened Teeth Tip)

Shaft Bore Specifications

Shaft Bore Dia. D	Keyway b x t x z	Set Screw M
15	5x2.3	6
18, 20	6x2.8	6
25-30	8x3.3	8
35	10x3.3	8
40	12x3.3	8

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

Ⓜ Offset between tooth tip and keyway is ±0.5mm.    Ⓜ Features: Sprocket designed to transmit the driving force to two chains. It is usable for multi-axis driven machines.

Ⓜ 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		
				N Specification (Dh7)											S Specification (In Stock)	N Spec. (In Stock)	N Spec. (Other than In Stock)
12	SP40SD	10	S	15*	18*	-	-	49.07	55	34	35	7.2	27.8	0.33	-	-	-
13		13		18	20*	53.07	59	38	0.4	-				-	-		
14		13		18	20*	57.07	63	42	0.49	-				-	-		
15		13		18	20*	61.08	67	46	0.57	-				-	-		
16		13		18	20*	65.1	71	50	0.66	-				-	-		
17		13		18	20*	69.12	76	54	0.76	-				-	-		
18		13		18	20*	73.14	80	59	0.89	-				-	-		
19		13		18	20*	77.16	84	63	1	-				-	-		
20		13		18	20*	81.18	88	67	1.14	-				-	-		
21		13		18	20*	85.21	92	71	1.23	-				-	-		

Ⓜ For Chains, see P.1535.

Part Number	Type	Number of
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