


Standard Sprockets

60B Series

Standard Sprockets / Double Sprockets

80B Series

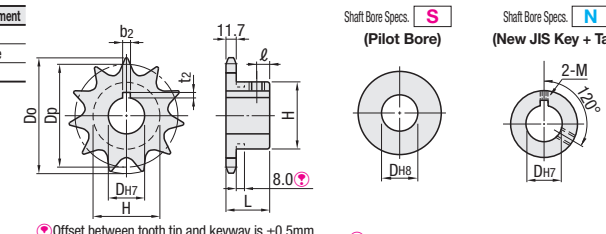
40SD, 50SD Series



RoHS 10

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.

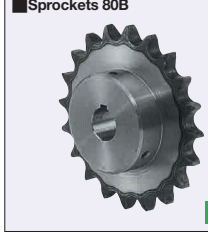
Part Number	Type	Number of Teeth	Shaft Bore Specs.	Shaft Bore Dia.										Dp	Do	H	GD	L	ℓ	Mass (g)	Unit Price									
				Specification (Dn)	N Specification (Dh7) <small>Products with the shaft bore dia. marked with * are in Stock.</small>																S Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)							
9	SP60B	12	S	19	22	24	25	28	30	32	35	38	40	42	45	50	55.7	63	43	32	32	6	400	-	-					
10				19	22	24	25*	28	30	32	35	38	40	42	45	50	61.65	68	49	37			490	-	-					
11				19	22	24	25	28	30	32	35	38	40	42	45	50	67.62	76	51	45			600	-	-					
12				19	22	24	25	28	30*	32*	35	38	40	42	45	50	73.6	83	51	45			690	-	-					
13				19*	22	24	25	28*	30*	32	35	38	40	42	45	50	79.6	89	57	45			810	-	-					
14				19	22	24	25*	28	30*	32	35	38	40	42	45	50	85.61	95	62	45			960	-	-					
15				19	22	24	25*	28*	30*	32	35*	38	40*	42	45	50*	91.62	101	68	45			1100	-	-					
16				19	22	24	25*	28	30	32	35*	38*	40*	42	45	50*	97.65	107	73	45			1300	-	-					
17				19	22	24	25*	28	30*	32*	35	38	40	42	45	50*	103.67	113	73	45			1400	-	-					
18				19	22	24	25*	28	30	32	35*	38	40	42	45	50	109.71	119	73	45			2000	-	-					
19				19	22	24	25	28	30	32	35	38	40	42	45	50	115.74	126	73	45			2100	-	-					
20				19	22	24	25*	28	30*	32	35*	38	40*	42	45	50	121.78	132	73	45			2200	-	-					
21				19	22	24	25	28	30*	32	35	38	40	42	45	50	127.82	138	73	45			2300	-	-					
22				19	22	24	25	28	30	32	35	38	40	42	45	50	133.86	144	73	45			2500	-	-					
23				19	22	24	25	28	30	32	35	38	40	42	45	50	139.9	150	73	45			2500	-	-					
24				19	22	24	25	28	30*	32	35*	38	40	42	45	50	145.95	156	73	45			2600	-	-					
25				19	22	24	25	28	30	32	35	38	40	42	45	50	151.99	162	73	45			2700	-	-					
26				19	22	24	25	28	30	32	35	38	40	42	45	50	158.04	168	73	45			2900	-	-					
27				19	22	24	25	28	30	32	35	38	40	42	45	50	164.09	174	73	45			3000	-	-					
28				19	22	24	25	28	30	32	35	38	40	42	45	50	170.14	180	73	45			3100	-	-					
29				19	22	24	25	28	30	32	35	38	40	42	45	50	176.18	186	73	45			3200	-	-					
30				19	22	24	25	28	30	32	35	38	40	42	45	50	182.25	193	73	45			3400	-	-					
9				BSP60B <small>(BSP is not compliant with S Spec.)</small>	12	N	19	22	24	25	28	30	32	35	38	40	42	45	50	55.7			63	43	32	32	6	400	-	-
10							19	22	24	25	28	30	32	35	38	40	42	45	50	61.65			68	49	37			490	-	-
11							19	22	24	25	28	30	32	35	38	40	42	45	50	67.62			76	51	45			600	-	-
12							19	22	24	25	28	30	32	35	38	40	42	45	50	73.6			83	51	45			690	-	-
13							19	22	24	25	28	30	32	35	38	40	42	45	50	79.6			89	57	45			810	-	-
14							19	22	24	25	28	30	32	35	38	40	42	45	50	85.61			95	62	45			960	-	-
15							19	22	24	25*	28	30	32	35*	38	40	42	45	50	91.62			101	68	45			1100	-	-
16							19	22	24	25*	28	30	32	35*	38	40	42	45	50	97.65			107	73	45			1300	-	-
17	19	22	24				25*	28	30*	32*	35	38	40	42	45	50	103.67	113	73	45	1400	-	-							
18	19	22	24				25	28	30	32	35	38	40	42	45	50	109.71	119	73	45	2000	-	-							
19	19	22	24				25	28	30	32	35	38	40	42	45	50	115.74	126	73	45	2100	-	-							
20	19	22	24				25*	28	30*	32	35*	38	40*	42	45	50	121.78	132	73	45	2200	-	-							
21	19	22	24				25	28	30	32	35	38	40	42	45	50	127.82	138	73	45	2300	-	-							
22	19	22	24				25	28	30	32	35	38	40	42	45	50	133.86	144	73	45	2500	-	-							
23	19	22	24				25	28	30	32	35	38	40	42	45	50	139.9	150	73	45	2500	-	-							
24	19	22	24				25	28	30*	32	35*	38	40	42	45	50	145.95	156	73	45	2600	-	-							
25	19	22	24				25	28	30	32	35	38	40	42	45	50	151.99	162	73	45	2700	-	-							
26	19	22	24				25	28	30	32	35	38	40	42	45	50	158.04	168	73	45	2900	-	-							
27	19	22	24				25	28	30	32	35	38	40	42	45	50	164.09	174	73	45	3000	-	-							
28	19	22	24				25	28	30	32	35	38	40	42	45	50	170.14	180	73	45	3100	-	-							
29	19	22	24				25	28	30	32	35	38	40	42	45	50	176.18	186	73	45	3200	-	-							
30	19	22	24				25	28	30	32	35	38	40	42	45	50	182.25	193	73	45	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 - **SP60B24** - **N** - **30**
SSP60B10 - **S** - **14**

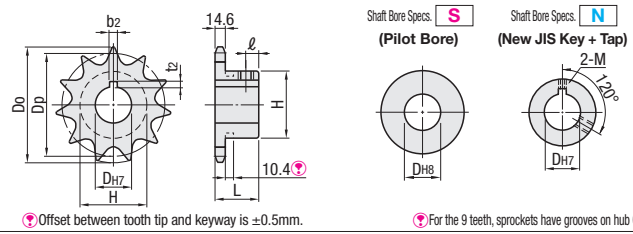


RoHS 10

Type	Material
SP80B	S45C Equivalent (Induction Hardened Teeth Tip)

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

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		
				Specification (Dn)	N Specification (Dh7) <small>Products with the shaft bore dia. marked with * are in Stock.</small>																S Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)
9	SP80B	14	S	25	28	30	32	35	38	40	42	45	50	74.27	85	58	44	40	12	870	-	-	
10				25	28	30	32	35	38	40	42	45	50	82.19	93	52	1020			-	-		
11				25	28	30	32	35	38	40	42	45	50	90.16	102	60	1250			-	-		
12				25*	28	30	32	35	38	40	42	45	50*	98.14	110	67	1600			-	-		
13				25	28	30*	32*	35	38	40	42	45	50*	106.14	118	77	1900			-	-		
14				25	28	30	32	35	38	40	42	45	50	114.15	127	83	2150			-	-		
15				25*	28	30	32	35	38	40	42	45	50*	122.17	135	93	2300			-	-		
16				25	28	30	32	35	38	40	42	45	50	130.2	143	93	2500			-	-		
17				25	28	30*	32	35*	38	40*	42	45	50	138.23	151	93	2950			-	-		
18				25	28	30	32	35	38	40	42	45	50	146.27	159	93	3150			-	-		
19				25	28	30	32	35	38	40	42	45	50	154.32	167	93	3400			-	-		
20				25*	28	30	32	35	38	40	42	45	50	162.37	176	93	3600			-	-		
21				25	28	30	32	35	38	40	42	45	50	170.42	184	93	3850			-	-		

Ordering Example

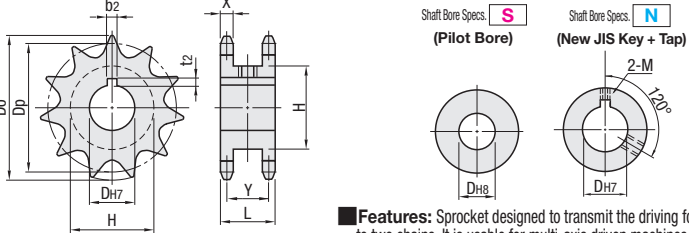
Part Number - **SP80B20** - **N** - **42**
SP80B14 - **S** - **16**



RoHS 10

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

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		
				Specification (Dn)	N Specification (Dh7) <small>Products with the shaft bore dia. marked with * are in Stock.</small>																S Specification	N Spec. (In Stock)	N Spec. (Other than In Stock)
12	SP40SD	13	S	15*	18*	20*	25*	28	30	35	38	40	42	45	50								