

Support Pins

Tip Shape Selectable

Features: With Wrench Flats. Upper locating is possible by selecting Tip Shape.

Material	Surface Treatment	Hardness	Threaded	Tapped	Pilot
①S45C Equivalent	Black Oxide	-	LSPC	LSPA	LSPB
②S45C Equivalent	Hard Chrome Plating	-	LSPRC	LSPAR	LSPBR
③S45C Equivalent	Black Oxide	Treated Hardness: 45 ~ 50HRC	LSPHBC	LSPAHB	LSPBHB
④S45C Equivalent	Hard Chrome Plating	Treated Hardness: 45 ~ 50HRC	LSPHRC	LSPAHR	LSPBHR
⑤SUS304	-	-	LSPSUC	LSPASU	LSPBSU
⑥SUS40C Equivalent	-	Treated Hardness: 50 ~ 55HRC	LSPSCC	LSPASC	LSPBSC

Hard Chrome Plating: Plating Hardness: 750HV ~, Plating Thickness: 3µm or more
 SUS304 may not be polished and may have no centering hole.

Tip Shape Selectable

Shape A: $D \pm 0.1$

Shape B: SR P/2, No Edge

Shape C: 30°

Tip Shape: Select from the diagram on the right.

Relief dimension is a reference value.

When G-Pitch x2, the incomplete threaded portion (Pitch x2) is included in M x 1.5. For Pitch Dia. P.2292

RoHS 10

M (Coarse)	Tightening Torque N-cm
M3	147
M4	333
M5	676
M6	1156
M8	2803
M10	5557
M12	9702
M16	24108
M20	46942

Tapped, Threaded Recommended Tightening Torque (Reference)

Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data P. 2297 (10.9). Not applicable when using locking materials or lock washers.

Part Number	Type	Tip Shape	D	L 0.01mm Increment	P 0.01mm Increment	B 0.1mm Increment	E 0.1mm Increment (Shape A only)	A Selection (Shape A only)	R (Shape C)	d	M (Coarse)	F	M1 (Coarse)	l1	W	l2								
Threaded LSPC LSPRC LSPHBC LSPHRC LSPSUC LSPSCC	Tapped LSPA LSPAR LSPAHB LSPAHR LSPASU LSPASC	Pilot LSPB LSPBR LSPBHB LSPBHR LSPBSU LSPBSC	A	6	10.00~50.00	3.00~4.00	2.0~12.0	0.5~10.0	15 30 45 60	1	3	3	1.5	M3	-	5	8							
			8	3.00~6.00	2.0~15.0	5	5			2	7													
			10	4.00~8.00	2.0~20.0	6	6			3	8													
			12	4.00~10.00	2.0~20.0	8	8			4	10													
			15	5.00~10.00	2.0~25.0	10	10			5	13													
			20	8.00~15.00	2.0~30.0	12	12			5	17													
			25	10.00~15.00	2.0~30.0	16	16			5	20													
			Threaded SRPCB SRPCR SRPHCB SRPHRC SRPSUC SRPSCC	Tapped SRPAB SRPAR SRPAHB SRPAHR SRPASU SRPASC	Pilot SRPBB SRPBR SRPBHB SRPBHR SRPBSU SRPBC	A	6			10.00~50.00	3.00~4.00	2.0~12.0	0.5~10.0		15 30 45 60	1		3	3	1.5	M3	-	5	8
						8	3.00~6.00			2.0~15.0	5	5				2		7						
						10	4.00~8.00			2.0~20.0	6	6				3		8						
						12	4.00~10.00			2.0~20.0	8	8				4		10						
						15	5.00~10.00			2.0~25.0	10	10				5		13						
20	8.00~15.00	2.0~30.0				12	12	5	17															
25	10.00~15.00	2.0~30.0				16	16	5	20															

For Pilot Type, D dimension 10 or more is available. Note the strength of undercut part for Tapped and Pilot. P.1566

Ordering Example: Part Number - L - P - B - E - A
 LSPCA10 - L20.01 - P4.05 - B5 - E2.0 - A15
 LSPBC12 - L25.01 - P8.00 - B10

D	Unit Price Threaded						Unit Price Tapped						Unit Price Pilot					
	①	②	③	④	⑤	⑥	①	②	③	④	⑤	⑥	①	②	③	④	⑤	⑥
	LSPC	LSPRC	LSPHBC	LSPHRC	LSPSUC	LSPSCC	LSPA	LSPAR	LSPAHB	LSPAHR	LSPASU	LSPASC	LSPB	LSPBR	LSPBHB	LSPBHR	LSPBSU	LSPBSC
6																		
8																		
10																		
12																		
13																		
14																		
17																		
19																		
24																		

Hex Support Pins

Stepped

Features: Hex Support Pins with Stepped Tapered Head. Upper locating is possible.

Material	Surface Treatment	Hardness	Threaded	Type Tapped	Pilot
①S45C Equivalent	Black Oxide	-	SRPCB	SRPAB	SRPBB
②S45C Equivalent	Hard Chrome Plating	Plating Hardness: 750HV ~	SRPCR	SRPAR	-
③S45C Equivalent	Black Oxide	Treated Hardness: 45 ~ 50HRC	SRPHCB	SRPAHB	SRPBHB
④S45C Equivalent	Hard Chrome Plating	Treated Hardness: 45 ~ 50HRC	SRPHCR	SRPAHR	SRPBHR
⑥SUS40C Equivalent	-	Treated Hardness: 50 ~ 55HRC	SRPCC	SRPAC	SRPBC

Hard Chrome Plating: Plating Thickness: 3µm or more

Tip Shape: Select from the diagram on the right.

Relief dimension is a reference value.

When G-Pitch x2, the incomplete threaded portion (Pitch x2) is included in M x 1.5. For Pitch Dia. P.2292

RoHS 10

M (Coarse)	Tightening Torque N-cm
M3	147
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M10	5557
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M16	24108
M20	46942

Tapped and Threaded Recommended Tightening Torque (Reference)

Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data P. 2297 (10.9). Not applicable when using locking materials or lock washers.

Part Number	Type	B	L 0.01mm Increment	P 0.01mm Increment	F 0.1mm Increment	G 1mm Increment Threaded only	m	(C)	d	M (Coarse)	M1 (Coarse)	l1	d1	
Threaded SRPCB SRPCR SRPHCB SRPHCR SRPSUC SRPSCC	Tapped SRPAB SRPAR SRPAHB SRPAHR SRPASU SRPAC	Pilot SRPBB SRPBR SRPBHB SRPBHR SRPBSU SRPBC	6	10.00~50.00	3.00~4.00	2.0~12.0	0 or 2≤G≤dx2	1	6.9	4	M4	M3	-	-
			7	15.00~50.00	3.00~6.00	2.0~15.0			8.1	5	M5	M4	6	8
			8	15.00~50.00	3.00~6.00	2.0~15.0			9.2	6	M6	M5	8	10
			10	20.00~80.00	4.00~8.00	2.0~20.0			11.5	8	M8	M6	9	12
			12	20.00~80.00	4.00~10.00	2.0~20.0			13.9	10	M10	M8	10	16
			13	20.00~80.00	5.00~10.00	2.0~25.0			15	12	M12			
			14	20.00~80.00	5.00~10.00	2.0~25.0			16.2	14	M14			
			17	20.00~80.00	8.00~15.00	2.0~30.0			19.6	17	M17			
			19	20.00~80.00	8.00~15.00	2.0~30.0			21.9	19	M19			
			24	20.00~80.00	10.00~15.00	2.0~30.0			27.7	24	M24			

Pilot is available when B≥10. SUS40C Equivalent is B≥8.

Ordering Example: Part Number - L - P - F - G - (DRC, NNC)
 SRPCB12 - L30.00 - P4.98 - F3.0 - G5 - NNC

Alterations: Part Number - L - P - F - G - (DRC, NNC)
 SRPCB12 - L30.00 - P4.98 - F3.0 - G5 - NNC

Alterations	Screwdriver Slot	Relief
Code	DRC	NNC
Spec.	Machines a screwdriver slot of width 0.8mm and depth 1mm.	Adds a relief at the thread end. Applicable when G=0.

B	Unit Price Threaded						Unit Price Tapped						Unit Price Pilot					
	①	②	③	④	⑤	⑥	①	②	③	④	⑤	⑥	①	②	③	④	⑤	⑥
	SRPCB	SRPCR	SRPHCB	SRPHCR	SRPCC	SRPAB	SRPAR	SRPAHB	SRPAHR	SRPAC	SRPBB	SRPBR	SRPBHB	SRPBHR	SRPBSU	SRPBC		
6																		
7																		
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