

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	Plating Hardness: 750HV ~	LSPRC	LSPAR	LSPBR
③S45C Equivalent	Black Oxide	Treated Hardness: 45 ~ 50HRC	LSPHBC	LSPAHB	LSPBHB
④S45C Equivalent	Hard Chrome Plating	Treated Hardness: 45 ~ 50HRC / Plating Hardness: 750HV ~	LSPHRC	LSPAHR	LSPBHR
⑤SUS304	-	-	LSPSUC	LSPASU	LSPBSU
⑥SUS440C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	LSPSCC	LSPASC	LSPBSC

Relief dimension is a reference value.

Tip Shape Selectable

Shape A: $D \pm 0.1$

Shape B: SR P/2, No Edge

Shape C: R

Tip Shape Selectable

① D-2EtanA=0.73 (Tip Diameter $\phi 0.73$ or more)
Reference: $\tan 15^\circ \approx 0.267$, $\tan 30^\circ \approx 0.577$, $\tan 45^\circ = 1$, $\tan 60^\circ \approx 1.732$

② Tapped, Threaded Recommended Tightening Torque (Reference)

M (Coarse)	Tightening Torque N-cm
M3	98
M4	225
M5	461
M6	784
M8	1911
M10	3783
M12	6605
M16	16366
M20	32928

③ The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on P. 2297.) 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)	ℓ_1	W	ℓ_2			
Threaded LSPC LSPRC LSPHBC LSPHRC LSPSUC LSPSCC	Tapped LSPA LSPAR LSPAHB LSPAHR LSPASU LSPASC	Pilot LSPB LSPBR LSPBHB LSPBHR LSPBSU LSPBSC	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				
			Threaded LSPC LSPRC LSPHBC LSPHRC LSPSUC LSPSCC	Tapped LSPA LSPAR LSPAHB LSPAHR LSPASU LSPASC	Pilot LSPB LSPBR LSPBHB LSPBHR LSPBSU LSPBSC	25	20.00~80.00	10.00~15.00	2.0~30.0	0.5~10.0	15 30 45 60	1	16	16	5	M8	-	20	10
						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	

④ For Pilot Type, D dimension 10 or more is available. ⑤ 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
 LSPCB12 - 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																		
15																		
20																		
25																		

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 ~	SRPRC	SRPAR	-
③S45C Equivalent	Black Oxide	Treated Hardness: 45 ~ 50HRC	SRPCHB	SRPAHB	SRPBHB
④S45C Equivalent	Hard Chrome Plating	Treated Hardness: 45 ~ 50HRC / Plating Hardness: 750HV ~	SRPCHR	SRPAHR	SRPBHR
⑥SUS440C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	SRPCC	SRPAC	SRPBC

① Threaded

② Tapped

③ Pilot

④ Tapped and Threaded Recommended Tightening Torque (Reference)

M (Coarse)	Tightening Torque N-cm
M3	98
M4	225
M5	461
M6	784
M8	1911
M10	3783
M12	6605
M16	16366
M20	32928

⑤ The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on P. 2297.) 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)	ℓ_1	d1	
Threaded SRPCB SRPRC SRPCHB SRPCHR SRPCC	Tapped SRPAB SRPAR SRPAHB SRPAHR SRPAC	Pilot SRPBB	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		3.00~6.00	2.0~15.0			8.1	5	M5	M4	6	8
			8		4.00~8.00	2.0~20.0			9.2	6	M6	M5	8	10
			10		5.00~10.00	2.0~25.0			11.5	8	M8	M6	10	12
			12		8.00~15.00	2.0~30.0			13.9	10	M10	M8	12	16
			13						15					
			14			16.2								
			17			19.6								
			19			21.9								
			24			10.00~15.00								

⑥ Pilot is available when B≥10. ⑦ SUS440C or 13Cr stainless is B≥8. ⑧ For full thread, specify a G dimension of 0 and NNC alteration.

Ordering Example: Part Number - L - P - F - G - (DRC, NNC)
 SRPCB 10 - L50.00 - P5.98 - F3.0 - G5
 SRPAHB 14 - L70.02 - P6.00 - F5.0 - G5

Alterations: Part Number - L - P - F - G - (DRC, NNC)
 SRPCB12 - L30.00 - P4.98 - F3.0 - G0 - 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	SRPRC	SRPCHB	SRPCHR	SRPCC	SRPAB	SRPAR	SRPAHB	SRPAHR	SRPAC	SRPBB	SRPBR	SRPBHB	SRPBHR	SRPBC			
6																		
7																		
8																		
10																		
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19																		
24																		