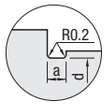
Support Pins
Tip Shape Selectable

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

Material	Surface Treatment	Hardness	Threaded	Tapped	Pilot
①EN 1.1191 Equiv.	Black Oxide	-	LSPC	LSPA	LSPB
②EN 1.1191 Equiv.	Hard Chrome Plating	Plating Hardness: 750HV ~	LSPRC	LSPAR	LSPBR
③EN 1.1191 Equiv.	Black Oxide	Treated Hardness: 45 ~ 50HRC	LSPHBC	LSPAHB	LSPBHB
④EN 1.1191 Equiv.	Hard Chrome Plating	Treated Hardness: 45 ~ 50HRC Plating Hardness: 750HV ~	LSPHRC	LSPAHR	LSPBHR
⑤EN 1.4301 Equiv.	-	-	LSPSUC	LSPASU	LSPBSU
⑥EN 1.4037 Equiv.	-	Treated Hardness: 50 ~ 55HRC	LSPSCC	LSPASC	LSPBSC

EN 1.4301 Equiv. may not be polished and may have no centering hole.

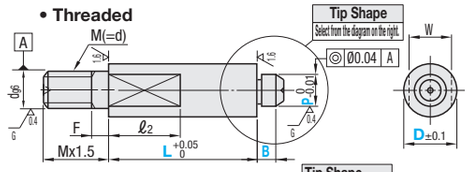


a=1.0
d=P-0.2

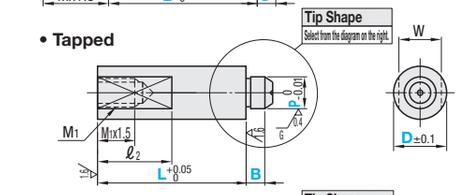
Relief dimension is a reference value.

6.3 (1.6) 0.4 G

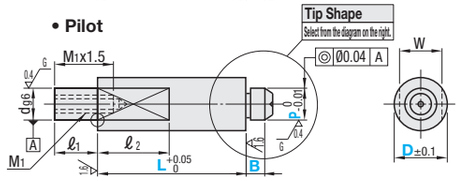
• Threaded



• Tapped



• Pilot



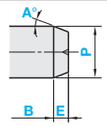
◆Tapped, Threaded Recommended Tightening Torque (Reference)

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

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.

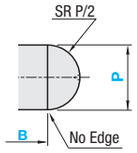
Tip Shape Selectable

Shape A



D-2EtanA≥0.73 (Tip Diameter Ø0.73 or more)
Reference:tan15°≈0.267 tan30°≈0.577
tan45°=1 tan60°≈1.732

Shape B



Shape C

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 Tapped Pilot		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
LSPC LSPA LSPB		8		3.00~6.00	2.0~15.0				5	5	2			7	
LSPRC LSPAR LSPBR	A	10	20.00~80.00	4.00~8.00	2.0~20.0			1.5	6	6	3		6	8	10
LSPHBC LSPAHB LSPBHB	B	12		4.00~10.00	2.0~20.0				8	8	4	M5		10	
LSPHRC LSPAHR LSPBHR	C	15		5.00~10.00	2.0~25.0			2	10	10	5		9	13	10
LSPSUC LSPASU LSPBSU		20		8.00~15.00	2.0~30.0			3	12	12	5	M8		17	
LSPSCC LSPASC LSPBSC		25		10.00~15.00	2.0~30.0			4	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		

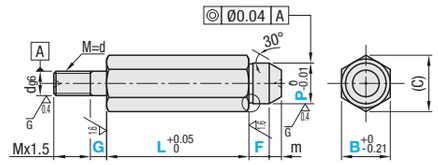
D	Unit Price Threaded ① LSPC	② LSPRC	③ LSPHBC	④ LSPHRC	⑤ LSPSUC	⑥ LSPSCC	Unit Price Tapped ① LSPA	② LSPAR	③ LSPAHB	④ LSPAHR	⑤ LSPASU	⑥ LSPASC	Unit Price Pilot ① LSPB	② LSPBR	③ LSPBHB	④ LSPBHR	⑤ LSPBSU	⑥ LSPBSC
6													-	-	-	-	-	-
8													-	-	-	-	-	-
10																		
12																		
15																		
20																		
25																		

Hex Support Pins
Stepped

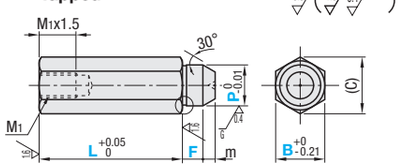
Features: Hex Support Pins with Stepped Tapered Head. Upper locating is possible.

Material	Surface Treatment	Hardness	Type Threaded	Tapped	Pilot
①EN 1.1191 Equiv.	Black Oxide	-	SRPCB	SRPAB	SRPBB
②EN 1.1191 Equiv.	Hard Chrome Plating	Plating Hardness: 750HV ~	SRPCR	SRPAR	-
③EN 1.1191 Equiv.	Black Oxide	Treated Hardness: 45 ~ 50HRC	SRPCHB	SRPAHB	SRPBHB
④EN 1.1191 Equiv.	Hard Chrome Plating	Treated Hardness: 45 ~ 50HRC Plating Hardness: 750HV ~	SRPCHR	SRPAHR	SRPBHR
⑥EN 1.4037 Equiv.	-	Treated Hardness: 50 ~ 55HRC	SRPCC	SRPAC	SRPBC

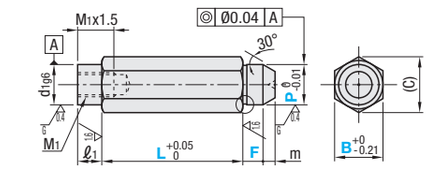
• Threaded



• Tapped



• Pilot



a=1.0
d=P-0.2

Relief dimension is a reference value.

◆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

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.

When G<Pitch x2, the incomplete threaded portion (Pitch x2) is included in M x1.5. For Pitch Dia. P.2292

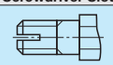
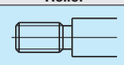
Part Number Type	B	L 0.01mm Increment	P 0.01mm Increment	F 0.1mm Increment	G 1mm Increment Threaded only	m	(C)	d	M (Coarse)	M1 (Coarse)	ℓ1	d1
Threaded Tapped Pilot	6	10.00~50.00	3.00~4.00	2.0~12.0	0 or 2≤G≤dx2	1	6.9	4	M4	M3	-	-
SRPCB SRPAB SRPBB	7		3.00~6.00	2.0~15.0			8.1					
SRPCR SRPAR	8	15.00~50.00					9.2	5	M5	M4		
SRPCHB SRPAHB SRPBHB	10	20.00~80.00	4.00~8.00	2.0~20.0		2	11.5			M5	6	8
SRPCHR SRPAHR SRPBHR	12		4.00~10.00				13.9	6	M6			10
SRPCC SRPAC SRPBC	13		5.00~10.00	2.0~25.0		3	15			M6	8	
	14						16.2					
	17		8.00~15.00	2.0~30.0			19.6	8	M8	M8	9	12
	19						21.9					
	24		10.00~15.00			4	27.7	10	M10		10	16

Pilot is available when B≥10. EN 1.4037 Equiv. is B≥8.

Ordering Example

Part Number	L	P	F	G
Type B				
SRPCB 10	L50.00	P5.98	F3.0	G5
SRPAHB 14	L70.02	P6.00	F5.0	

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 ① SRPCB	② SRPCR	③ SRPCHB	④ SRPCHR	⑥ SRPCC	Unit Price Tapped ① SRPAB	② SRPAR	③ SRPAHB	④ SRPAHR	⑥ SRPAC	Unit Price Pilot ① SRPBB	② SRPBR	③ SRPBHB	④ SRPBHR	⑥ SRPBC
6					-					-	-	-	-	-	-
7					-					-	-	-	-	-	-
8											-	-	-	-	-
10												-			
12												-			
13												-			
14												-			
17												-			
19												-			
24												-			