


Support Pins

Stepped

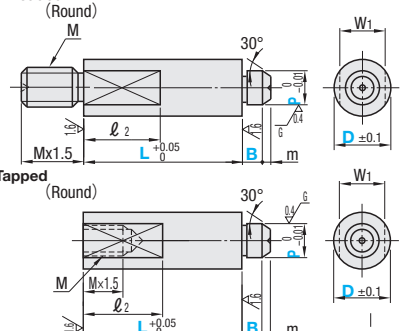
RoHS 10



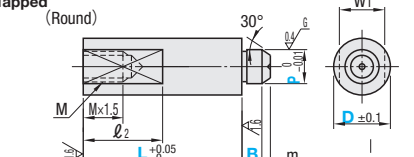
Type	Shape Code	Material Code	Material	Surface Treatment	Hardness
SHP (Round) SDP (Diamond)	C (Threaded) A (Tapped) B (Pilot)	B	①1045 Carbon Steel	Black Oxide	-
		R	②1045 Carbon Steel	Hard Chrome Plating	Plating Hardness: 750HV~
		HB	③1045 Carbon Steel	Black Oxide	Treated Hardness: 45~50HRC
		HR	④1045 Carbon Steel	Hard Chrome Plating	Treated Hardness: 45~50HRC Plating Hardness: 750HV~
		SU	⑤304 Stainless Steel	-	-
	C	⑥440C or 420 Stainless Steel	-	-	Treated Hardness: 50~55HRC

Some combinations are not available. Refer to the price list to select the available combination.
304 Stainless Steel may not be polished and may have no centering hole.

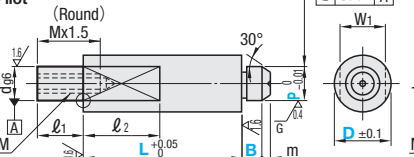
Threaded



Tapped



Pilot

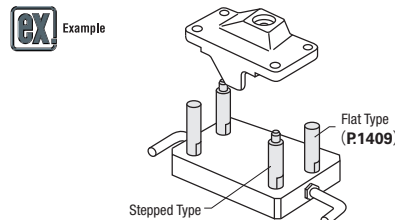


$6.3 \sqrt[3]{\frac{1.6}{0.4} \sqrt[6]{\frac{1.6}{0.4}}}$

Type	Part Number	Material Code	D	L	P	B	m	d	M	l ₁	W ₁	(W)	l ₂
	Shape Code			0.01mm Increment	0.01mm Increment	Selection			(Coarse)				
SHP (Round)	C (Threaded)	B R HB HR SU C	6	10.00~50.00	3.00~4.00	2	1	-	M3	-	5	1.0	8
			8				7	1.5					
			10				6	8	1.5				
			12				8	10	1.8				
			15				10	13	2.2				
SDP (Diamond)	A (Tapped) B (Pilot)	B R HB HR SU C	10	20.00~80.00	4.00~8.00	3	2	6	M5	6	1.5	10	
			12				8	10	1.8				
			15				10	13	2.2				
			20				12	17	2.5				
			25				16	20	3				

Pilot Type is not available for D6, D8. Note the strength of undercut part for Tapped Type and Pilot Type. P1309
*The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on MISUMI 2019 catalog P4015.) Not applicable when using locking agents or spring washers.

Ordering Example: Part Number - L - P - B
SHPAR10 - L20.01 - P4.05 - B5
SDPCSU20 - L50.00 - P8.00 - B3



Round Shape

D	Unit Price Threaded Type						Unit Price Tapped Type						Unit Price Pilot Type					
	①	②	③	④	⑤	⑥	①	②	③	④	⑤	⑥	①	②	③	④	⑤	⑥
6	SHPCB	SHPCR	SHPCHB	SHPCHR	SHPCSU	SHPCC	SHPAB	SHPAR	SHPAHB	SHPAHR	SHPASU	SHPAC	SHPBB	SHPBR	SHPBHB	SHPBHR	SHPBSU	SHPBC
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


Diamond Shape

D	Unit Price Threaded Type						Unit Price Tapped Type						Unit Price Pilot Type					
	①	②	③	④	⑤	⑥	①	②	③	④	⑤	⑥	①	②	③	④	⑤	⑥
6	SDPCB	SDPCR	SDPCHB	SDPCHR	SDPCSU	SDPCC	SDPAB	SDPAR	SDPAHB	SDPAHR	SDPASU	SDPAC	SDPBB	SDPBR	SDPBHB	SDPBHR	SDPBSU	SDPBC
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Support Pins

Stepped, Configurable

RoHS 10

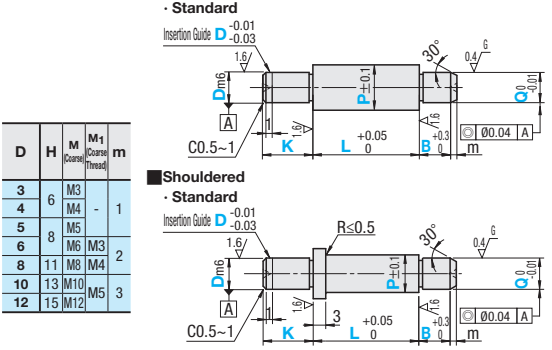


Type						Material	Surface Treatment	Hardness
Standard	Tapped	Threaded	Standard	Shouldered	Threaded			
SHFJ	SHFU	SHFN	-	SHXU	SHXN	①01 Tool Steel	-	Treated Hardness: 60~63HRC
GSHFJ	GSHFU	GSHFN	GSHXJ	-	-	②01 Tool Steel	Hard Chrome Plating	Hardness: 50~55HRC Plating Hardness: 750HV~
SSHFJ	SSHFU	SSHFN	-	-	SSHXN	③304 Stainless Steel	-	-
CSHFJ	CSHFU	CSHFN	CSHXJ	CSHXU	CSHXN	④440C or 420 Stainless Steel	-	Treated Hardness: 50~55HRC

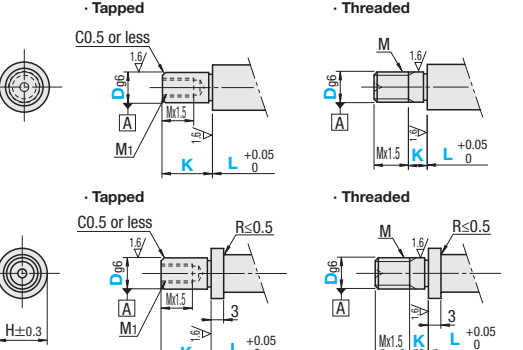
304 Stainless Steel may not be polished and may have no centering hole.

Straight

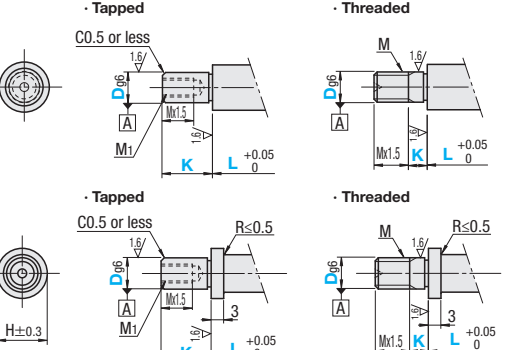
Standard



Tapped



Threaded



$6.3 \sqrt[3]{\frac{1.6}{0.4} \sqrt[6]{\frac{1.6}{0.4}}}$

Q≤P-1 When K<Pitch2, the incomplete threaded portion is included in Mx1.5. 440C or 420 Stainless Steel has an identification groove on D part.

Part Number	Type	D	P		Q	K	L	B	Unit Price Straight Type				Unit Price Shouldered Type	
			0.1mm Increment	Shouldered					0.01mm Increment	1mm Increment	0.01mm Increment	0.1mm Increment	①	②
Straight	Shouldered	3	3.5-6.0	3.0-5.0	2.00-5.00	3-6	10.00-60.00	2.0-5.0						
		4	4.5-7.0	3.0-5.0	2.00-6.00	4-8	10.00-60.00	2.0-10.0						
		5	5.5-8.0	3.0-7.0	2.00-7.00	5-10	10.00-60.00	2.0-10.0						
		6	6.5-10.0	5.0-7.0	4.00-9.00	6-12	10.00-80.00	2.0-12.0						
		8	9.0-13.0	5.0-8.0	4.00-12.00	8-16	10.00-80.00	2.0-15.0						
		10	11.0-15.0	6.0-11.0	5.00-14.00	10-20	10.00-100.00	2.0-20.0						
12	13.0-16.0	6.0-13.0	5.00-15.00	12-24	10.00-100.00	2.0-20.0								

Part Number	Type	D	P		Q	K	L	B	Unit Price Straight Type				Unit Price Shouldered Type	
			0.1mm Increment	Shouldered					0.01mm Increment	1mm Increment	0.01mm Increment	0.1mm Increment	①	②
Straight	Shouldered	6	6.5-10.0	5.0-7.0	4.00-9.00	6-12	10.00-80.00	2.0-12.0						
		8	9.0-13.0	5.0-9.0	4.00-12.00	8-16	10.00-80.00	2.0-15.0						
		10	11.0-15.0	6.0-11.0	5.00-14.00	10-20	10.00-100.00	2.0-20.0						
		12	13.0-16.0	6.0-13.0	5.00-15.00	12-24	10.00-100.00	2.0-20.0						

Part Number	Type	D	P		Q	K	L	B	Unit Price Straight Type				Unit Price Shouldered Type	
			0.1mm Increment	Shouldered					0.01mm Increment	1mm Increment	0.01mm Increment	0.1mm Increment	①	②
Straight	Shouldered	3	3.5-6.0	3.0-5.0	2.00-5.00	0-6	10.00-60.00	2.0-5.0						
		4	4.5-7.0	3.0-5.0	2.00-6.00	0-8	10.00-60.00	2.0-10.0						
		5	5.5-8.0	3.0-7.0	2.00-7.00	0-10	10.00-60.00	2.0-10.0						
		6	6.5-10.0	5.0-7.0	4.00-9.00	0-12	10.00-80.00	2.0-12.0						
		8	9.0-13.0	5.0-9.0	4.00-12.00	0-16	10.00-80.00	2.0-15.0						
		10	11.0-15.0	6.0-11.0	5.00-14.00	0-20	10.00-100.00	2.0-20.0						
12	13.0-16.0	6.0-13.0	5.00-15.00	0-24	10.00-100.00	2.0-20.0								

The dispersion of L dimension should be within 0.02 for same orders.

Ordering Example: Part Number - P - Q - K - L - B
SHFJ5 - P6.0 - Q4.50 - K5 - L30.55 - B3.2

Days to Ship [Configure Online](#)

Alterations [Part Number](#) - P - Q - K - L - B - (SC, HC, DRC, NNC) [Configure Online](#)
SHXU10 - P8.5 - Q5.00 - K10 - L80.00 - B6.7 - HC12

Alterations	Wrench Flats	Wrench Flats	Screwdriver Slot	Relief
Code	SC	HC	DRC	NNC
Spec.	SC=1mm Increment SC>D (Ordering Code) SC8 For Tapped Type SC=M1+3 Applicable to Straight Type only.	HC=1mm Increment HC>P HC>D (Ordering Code) HC10 Applicable to Shouldered Type only.	Width 0.8mm Depth 1mm (Ordering Code) DRC Applicable to Threaded Type only.	Adds a relief at the thread end. (Ordering Code) NNC Applicable when K=0. Applicable to Threaded Type only.
Price Adder				