


ANGULAR PINS

— MALE SCREW TYPE / CAP BOLT TYPE —

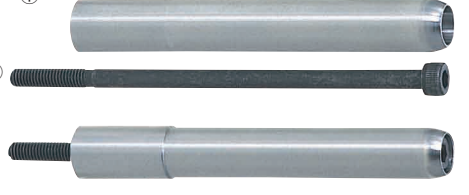
Ⓜ Non JIS material definition is listed on P.1351 - 1352

— Male screw type — RoHS



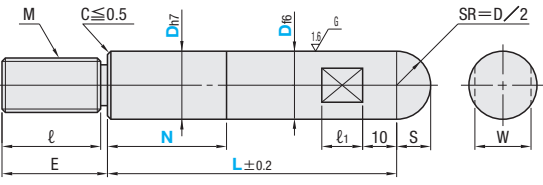
■ SUJ2
■ 58HRC
 (Induction hardening)

— Cap bolt type — RoHS

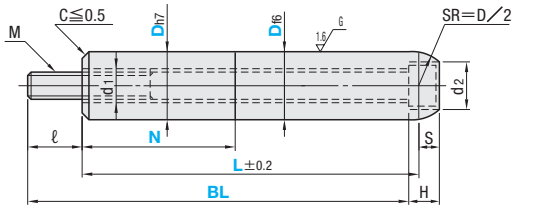


① ■ SUJ2
■ 58HRC
 (Induction hardening)
 ② ■ SCM435
 Strength rank 12.9
 Thread part : class2 of JIS B0205

APM Profile tolerance of SR $\Delta 0.3$

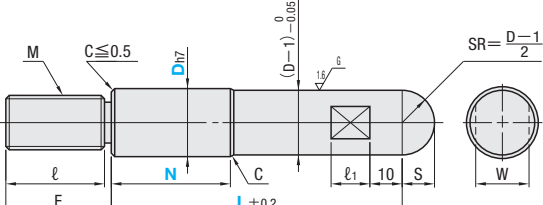


APX Profile tolerance of SR $\Delta 0.3$

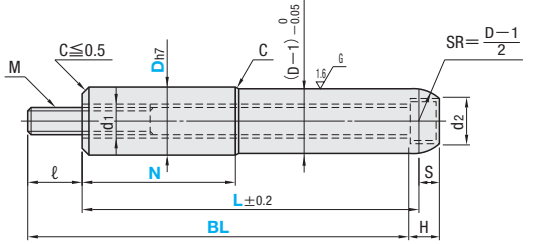


$\ell \geq M$ or more is required.
 $BL + H - (L + S) \geq M$

APMS (Stepped type) Profile tolerance of SR $\Delta 0.3$



APXS (Stepped type) Profile tolerance of SR $\Delta 0.3$

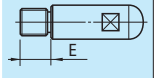


$\ell \geq M$ or more is required.
 $BL + H - (L + S) \geq M$

Alterations Part Number

Alterations	Code	Spec.	1Code
	WSC	Adds 4 wrenching grooves. Available for APM · APMS.	Quotation
	DC	Changes (D-1) step by designation. DC=0.1mm increments D-0.1 ≥ DC > D-1 When DC is used : SR = DC/2 Available for APMS · APXS.	

Alteration Spec.

Alteration	Code	Spec.	1Code
	MLC	Changes lengths of screw bolts of APM · APMS to shorter than the standard. D=8 not available	Quotation

D	M	E	ℓ
10	6	12	10
12	8	14	12
13	8	14	12
16	12	22	19
20	16	27	24

Male Screw Type

D	h7	f6	M	E	ℓ	S		ℓ ₁	W	Part Number		0.1mm increments		U/Price for 1~9	
						APM	APMS			Type	D	L	N	APM	APMS
8	0 -0.015	-0.013 -0.022	6	12	10	4	3.5	8	7 (5.5)	APM APMS (Stepped type)	8	40.0~110.0		L > N ≥ 0	Quotation
												110.1~160.0			
10				17	15	5	4.5	7	10		40.0~110.0				
											110.1~160.0				
									12						
110.1~160.0															
13	0 -0.018	-0.016 -0.027	8	22	20	6.5	6	10	10		50.0~110.0				
											110.1~160.0				
											160.1~200.0				
16				27	25	8	7.5	13			200.1~250.0				
										50.0~110.0					
										110.1~160.0					
20	0 -0.021	-0.020 -0.033	16	32	30	10	9.5	12	17	50.0~130.0					
										130.1~200.0					
										200.1~250.0					

*W=5.5 when APMS8 (Stepped type) and W=9 when APMS12.

Cap Bolt Type

D	h7	f6	d ₁	d ₂	M	H	S	Part Number		0.1mm increments		BL		U/Price for 1~9	
								Type	D	L	N	5mm increments	10mm increments	APX	APXS
12	0 -0.018	-0.016 -0.027	4.5	8	4	4.5	4	APX APXS (Stepped type)	12	50.0~130.0		L > N ≥ 0	Quotation		
										13	13			130.1~200.0	
16	16	50.0~130.0													
		130.1~200.0													
20				9	14	8	9		6	20	50.0~130.0				
											130.1~200.0				
										25	0 -0.021			-0.020 -0.033	11
50.0~130.0															
130.1~200.0															
30				14	19	12	13		10	30	60.0~130.0				
								130.1~200.0							
								200.1~250.0							
32									32	60.0~130.0					
										130.1~200.0					
									200.1~250.0						
35	0 -0.025	-0.025 -0.041	18	25	16	17			35	60.0~160.0					
										160.1~220.0					
										220.1~300.0					
40									40	60.0~160.0					
										160.1~220.0					

Order Part Number

APM13	-	L	-	N
	-	200.0	-	N30.0

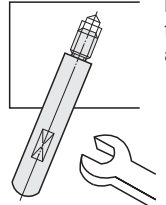
Price **Quotation**

Part Number BL

APX20	-	L	-	N	-	BL
	-	200.0	-	N30.0	-	BL210

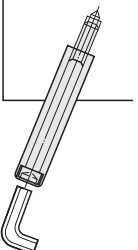
Days to Ship **Quotation**

Example • APM APMS



Insert the angular pin from the parting side and fix using a wrench.

• APX APXS



Insert the angular pin from the parting side and fix using a hexagonal wrench.