

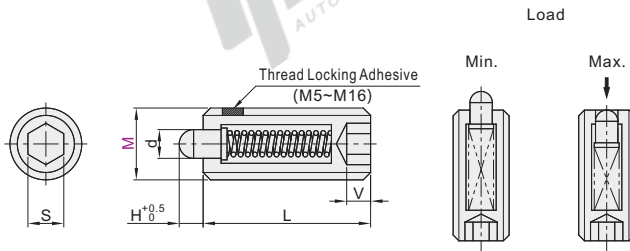
Short Stroke Carbon Steel Type ▶

Thread Locking Adhesive

Spring Plungers



Code	Type	Load	Body			Pin			Spring	Operating Temperature
			Material	Hardness	Surface Treatment	Material	Hardness	Surface Treatment		
ZAP61	Short Stroke Carbon Steel Type	Ultra Light Load	SCM435	29~35 HRC	Black Oxide	S45C	57~63 HRC	Zinc-plated	SWP-B	-30~150°C
ZAP62		Light Load								
ZAP63		Heavy Load								
ZAP64		Extra Heavy Load								
ZAP66	Plastic Nose	Ultra Light Load			Black Oxide	Polyacetal	—	—		-30~80°C
ZAP67		Light Load								
ZAP68		Heavy Load								
ZAP69		Extra Heavy Load			Nickel Plating					



❗ Thread Locking Treatment is not provided on M3 and M4.

❗ The adhesive is most effective if left on the part for 72 hours or more in 25°C. It should be noted if the parts are left for short period of time and in low temperature, the thread-lock will be less-effective.



Part Number		d	H	L	V	S	Load(N)							
Code	M						Ultra Light Load		Light Load		Heavy Load		Extra Heavy Load	
							min.	max.	min.	max.	min.	max.	min.	max.
Steel Nose Plastic Nose	3	1.2	1	7	1	1.5	0.11	0.48	0.4	1.5	0.8	2	—	—
	4	2.1	1.2	9	1.5	2	0.49	1.55	1.6	5	2	9	4.4	11.9
	5	2.7		12	2	2.5	0.53	2.53	2	7.8	4.9	14.7	4.1	24.9
	ZAP61 ZAP66	6	3.2	1.5	13	3	0.89	3.11	2.9	9.8	5.9	19.6	7.7	30.6
	ZAP62 ZAP67	8	4	2	15	4	0.9	3.14	2.9	9.8	5.9	19.6	8.6	43
	ZAP63 ZAP68	10	5	2.5	16	5	1.76	4.71	4.9	14.7	9.8	29.4	14.1	53.1
	ZAP64 ZAP69	12	6	3.5	20	6	1.96	4.82	4.9	14.7	9.8	29.4	23.1	58.1
		16	8	4.5	22	8	3.29	9	9.8	29.4	19.6	58.8	26.6	78.8

❗ The Extra Heavy Load Type is only applicable to specifications above M4.

kgf=N×0.101972



Please order as shown

Part Number			d
Code	M		
ZAP61	3		2.7
ZAP62	6		3.2

ZAP61—M5



Discount price			
Per	1~29	30~	
Price	100%	Additional quotation	



Delivery	
	12

怡合达
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