

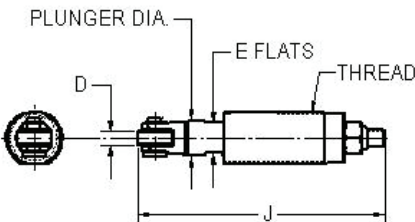
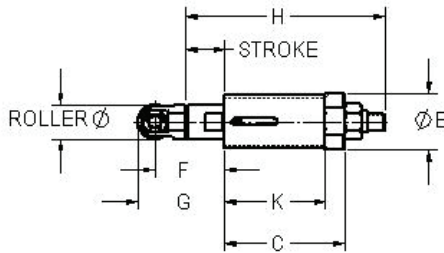


roller spring plunger



These heavy duty roller spring plungers can be used in detents or as spring locators. The long strokes allow adjustment of spring pressure in detent applications. They are also useful for holding work pieces against fixed locators prior to clamping. The roller eases loading and unloading.

DBM ROLLER SPRING PLUNGER SPECIFICATIONS



Materials:
Plunger: 4140 HT – Black Oxide Finish
Body: 1018 Steel – Black Oxide Finish
Roller: Stainless Steel Shielded Ball Bearing

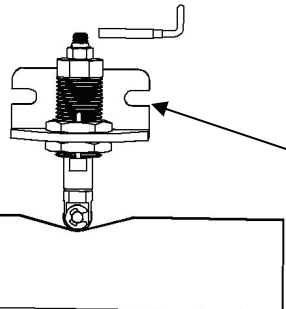
PLUNGER DIA.		5/16"		1/2"		5/8"	
MAX. STROKE		0.38		0.56		0.75	
SPRING FORCE		LT.	HVY.	LT.	HVY.	LT.	HVY.
END FORCE (LBS.)	INITIAL	0.5	1.5	2	5.5	2	6
	HALFWAY	1.5	4	3.5	10	5.5	15
	FINAL	2.25	6.5	5	14	8.75	24
PART NUMBER		R031038-STL3	R031038-STL4	R050056-STL3	R050056-STL4	R063075-STL3	R063075-STL4
THREAD		1/2-20 UNF		3/4-16 UNF		1-12 UNF	
B		0.50		0.81		1.00	
C		1.31		1.72		2.12	
D		0.125 +.0000/-0.0015		0.196 +.0000/-0.0015		0.196 +.0000/-0.0015	
E FLATS		0.250		0.438		0.500	
F		0.66		0.97		1.28	
G		0.81		1.22		1.60	
H		2.06		2.86		3.54	
J		2.53		3.55		4.41	
K		0.99		1.21		1.43	
ROLLER Ø		0.3125 +.0000/-0.0002		0.5000 +.0000/-0.0002		.06250 +.0000/-0.0002	



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Designed and Built in the USA



[LINK TO DBM USC MOUNTING ACCESSORIES](#)

[LINK TO DBM ROLLER SPRING PLUNGER CAD FILES](#)

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09/21/2009