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universal spring cylinder

The "Adaptomizable" Spring Plunger.

CAD DOWNLOAD LINKS 

THREADED STYLE

SPECIFICATIONS

PLUNGER DIA.		5/16"		1/2"		5/8"		1"	
STROKE		3/8"		9/16"		3/4"		1 1/8"	
SPRING FORCE		LT.	HVY.	LT.	HVY.	LT.	HVY.	LT.	HVY.
END FORCE (LBS.)	INITIAL	0.5	1.5	2	5.5	2	6	2.5	6.5
	HALFWAY	1.5	4	3.5	10	5.5	15	8	21
	FINAL	2.25	6.5	5	14	8.75	24	13.75	35.75
PART NUMBER		 C031038-STL3	 C031038-STL4	 C050056-STL3	 C050056-STL4	 C063075-STL3	 C063075-STL4	 C100112-STL3	 C100112-STL4
A	.031X30°		.047X30°		.047X30°		.060X30°		
B	0.313 +.000/-.001		0.500 +.000/-.001		0.625 +.000/-.001		1.000 +.000/-.002		
C	0.38		0.56		0.75		1.13		
D	1.313		1.719		2.125		3.188		
E	0.38		0.50		0.56		0.88		
F	0.500 +.000/-.002		0.813 +.000/-.002		1.000 +.000/-.002		1.500 +.000/-.002		
G	0.436 +.002/-.002		0.718 +.002/-.002		0.904 +.002/-.002		1.374 +.002/-.002		
H	#6-32 .25 DP.		#10-32 .38 DP.		1/4-20 .50 DP.		3/8-16 .75 DP.		
J	0.188 +.001/-.000 X .063 DP.		0.313 +.001/-.000 X .125 DP.		0.375 +.001/-.000 X .188 DP.		0.625 +.001/-.000 X .250 DP.		
K	0.250		0.438		0.500		0.812		
L	.125		.188		.250		.375		
M	#6-32		1/4-20		5/16-18		1/2-13		
N	2.06		2.78		3.44		5.19		
P	.156		.250		.313		.500		
R	1.13		1.44		1.75		2.63		
S	1/2-20 UNF		3/4-16 UNF		1-12 UNF		1 1/2-16 UN		
T	0.188 +.000/-.001		0.313 +.000/-.001		0.375 +.000/-.001		0.625 +.000/-.002		

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Materials:
Plunger: 4140 HT Steel – Black Oxide Finish
Body: Cold Finished Steel – Black Oxide Finish

