



dbm

universal spring cylinder

The "Adaptomizable" Spring Plunger.

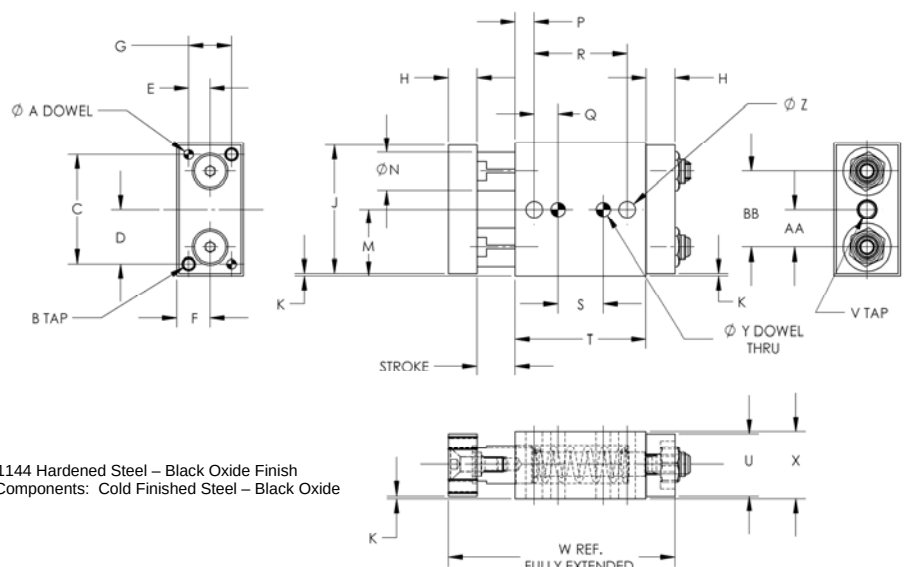
GUIDED STYLE

SPECIFICATIONS

SHAFT DIA.		5/16"		1/2"		5/8"		1"	
STROKE		5/16"		1/2"		11/16"		1"	
SPRING FORCE		LT.	HVY.	LT.	HVY.	LT.	HVY.	LT.	HVY.
END	INITIAL	1.2	3.2	4.2	11.4	4.4	12.0	5.0	13.0
FORCE	HALFWAY	2.6	7.3	6.9	18.7	9.8	27.0	15.0	39.0
(LBS.)	FINAL	3.2	11.4	9.6	26.2	15.2	42.2	25.0	65.0
PART NUMBER		C031031-STL1	C031031-STL2	C050050-STL1	C050050-STL2	C063068-STL1	C063068-STL2	C100100-STL1	C100100-STL2
A		Ø 0.125±.0005		Ø 0.125±.0005		Ø 0.188±.0005		Ø 0.250±.0005	
B		6-32 UNC		8-32 UNC		1/4-20 UNC		5/16-18 UNC	
C		1.125		1.438		2.000		2.625	
D		0.563		0.719		1.000		1.313	
E		0.188		0.281		0.281		0.438	
F		0.313		0.438		0.500		0.750	
G		0.375		0.563		0.563		0.875	
H		0.250		0.375		0.375		0.500	
J		1.313		1.688		2.438		3.188	
K		0.031		0.031		0.031		0.031	
M		0.688		0.875		1.250		1.625	
N		Ø 0.313		Ø 0.500		Ø 0.625		Ø 1.000	
P		0.188		0.250		0.313		0.375	
Q		0.250		0.313		0.375		0.500	
R		0.938		1.219		1.500		2.438	
S		0.438±.005		0.594±.0005		0.750±.0005		1.438±.0005	
T		1.308		1.714		2.120		3.182	
U		0.563		0.813		0.938		1.438	
V		8-32 UNC		1/4-20 UNC		5/16-18 UNC		3/8-16 UNC	
W		2.125		2.970		3.563		5.188	
X		0.625		0.875		1.000		1.500	
Y		0.125±.005		Ø 0.188±.005		Ø 0.250±.005		Ø 0.313±.005	
Z		Ø 0.141		Ø 0.219		Ø 0.281		Ø 0.344	
AA		0.375		0.500		0.625		0.750	
BB		0.750		1.000		1.250		1.500	

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Materials
Plunger: 1144 Hardened Steel – Black Oxide Finish
All Other Components: Cold Finished Steel – Black Oxide Finish