



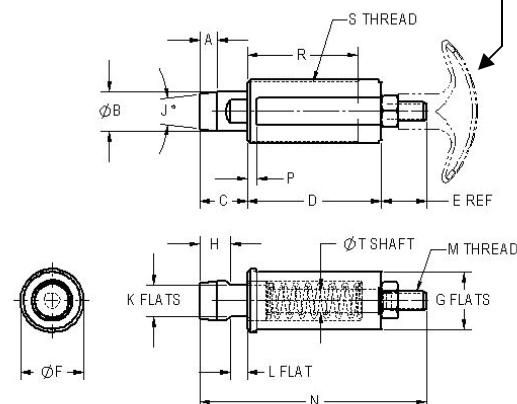
indexing spring plunger

THREADED STYLE

These heavy duty devices have a retractable spring loaded plunger and matching locating bushings (order bushings separately). The bushings come either straight or with a 15 degree taper. Please use the links below to see the line of DBM Universal Spring Cylinder accessories for pull handles, mounting devices and retract locks that are fully compatible with the DBM Indexing Spring Plunger.

[LINK TO DBM USC MOUNTING ACCESSORIES](#)

[LINK TO DBM USC TENSION END ACCESSORIES](#)



Materials:
Plunger: 1144 Hardened Steel – Black Oxide Finish
Body: Cold Finished Steel – Black Oxide Finish

DBM INDEXING SPRING PLUNGER SPECIFICATIONS

PLUNGER DIA.		1/2"		5/8"		1"	
STROKE		9/16"		3/4"		1 1/8"	
SPRING FORCE		LT.	HVY.	LT.	HVY.	LT.	HVY.
END FORCE (LBS.)	INITIAL	2	5.5	2	6	2.5	6.5
	HALFWAY	3.5	10	5.5	15	8	21
	FINAL	5	14	8.75	24	13.75	35.75
PART NUMBER		I050056-STL3	I050056-STL4	I063075-STL3	I063075-STL4	I100112-STL3	I100112-STL4
A		0.219		0.281		0.406	
B		0.500 +.000/-0.001		0.625 +.000/-0.001		1.000 +.000/-0.002	
C		0.56		0.75		1.13	
D		1.719		2.125		3.188	
E		0.58		0.65		0.99	
F		0.813 +.000/-0.002		1.000 +.000/-0.002		1.500 +.000/-0.002	
G		0.718 +.002/-0.002		0.904 +.002/-0.002		1.374 +.002/-0.002	
H		0.33		0.48		0.69	
J		15°		15°		15°	
K		0.438		0.500		0.812	
L		0.25		0.27		0.41	
M		1/4-20		5/16-18		1/2-13	
N		2.86		3.52		5.31	
P		0.25		0.31		0.50	
R		1.44		1.75		2.63	
S		3/4-16 UNF		1-12 UNF		1 1/2-16 UN	
T		0.313 +.000/-0.001		0.375 +.000/-0.001		0.625 +.000/-0.002	

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[LINK TO CAD FILES](#)

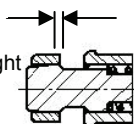
STRAIGHT BUSHING SPECIFICATIONS

PLUNGER DIA.	1/2"	5/8"	1"
PART NUMBER	IB050-STL2	IB063-STL2	IB100-STL2
A	.7518/.7515	.8768/.8765	1.3772/1.3768
B	.5002/.5005	.6252/.6255	1.0004/1.0007
C	0.25	0.38	0.50

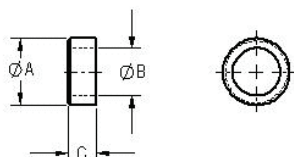
TAPERED BUSHING SPECIFICATIONS

PLUNGER DIA.	1/2"	5/8"	1"
PART NUMBER	IB050-STL1	IB063-STL1	IB100-STL1
A	.7518/.7515	.8768/.8765	1.3772/1.3768
B	.500/.501	.625/.626	1.000/1.001
C	0.25	0.38	0.50
D	15°	15°	15°

Plunger has non tapered section for use with the straight bushing.

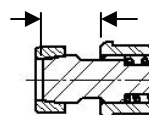


STRAIGHT

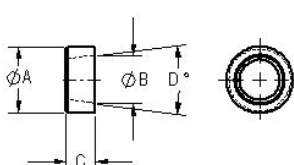


USE EITHER
STRAIGHT OR
TAPERED
BUSHINGS

Set stroke length as required by the application.



TAPERED



Designed and Built in the USA

Material: 1144 Hardened Steel

The specifications and data in this publication are believed to be accurate and reliable. It is the responsibility of the product user to determine the suitability of DBM Innovation Inc. products for a specific application. While defective products will be replaced without charge if promptly returned, no liability is assumed beyond such replacement. Specifications subject to change without notice.

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