

- > Removable cutter to allow replacement without replacing entire cylinder
- > Eight (8) Models with seven (7) different cutter diameters for a wide range of applications
- > Single acting, spring return 3/4" bore, 1" stroke cylinder is pre-lubricated for maximum life
- > Customizable to provide with no cutter or special cutter shapes and different stroke lengths available on request


Technical Data
Medium

Air only

Operation

Single acting

Operating Pressure

250 PSI

Operating Temperature

-20° F to 200° F

Cylinder Diameters

3/4"

Strokes

1.00

Ports

1/8" NPT

Lubrication

Permanent grease lubrication for Piston Seals; Oil soaked felt washer for rod seal

Materials

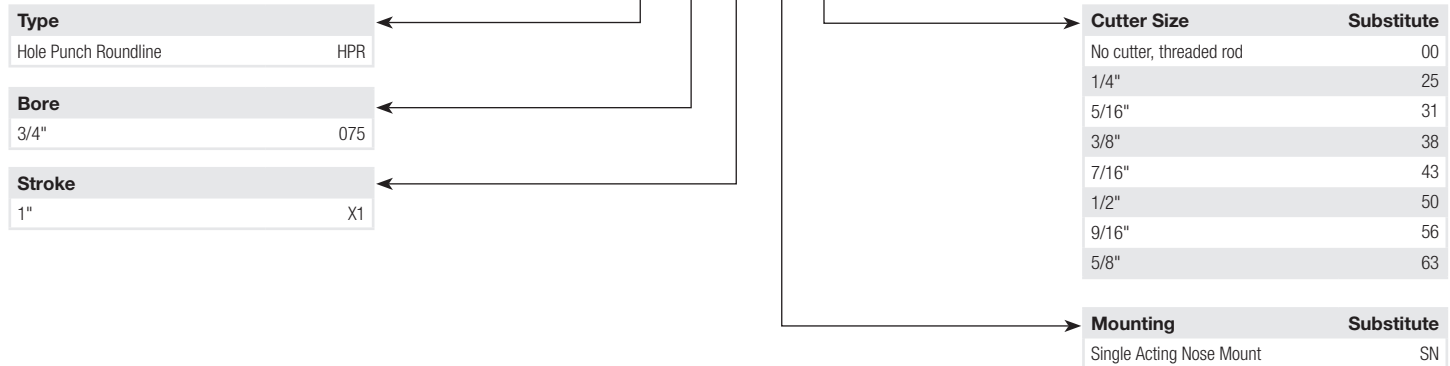
Barrel: 304 stainless steel

Front End Caps: Nickel Plated Steel

Rear End Caps: Aluminum

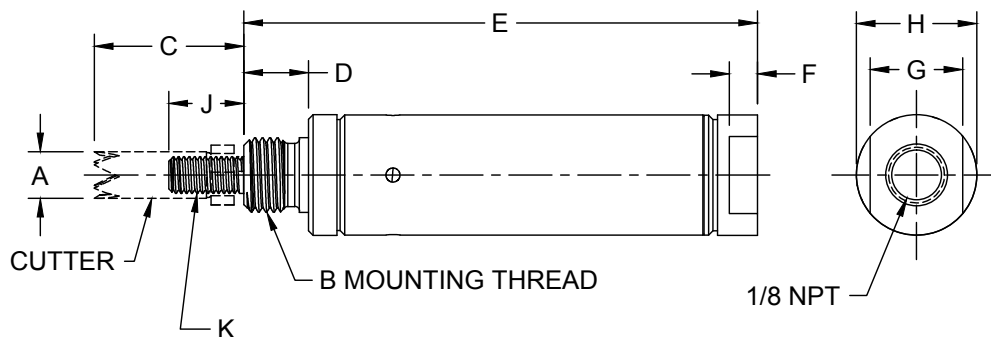
Mounting

Nose

Order
HPR 075 X1 SN ★★


Part Numbers
HPR075X1-SN-00
HPR075X1-SN-25
HPR075X1-SN-31
HPR075X1-SN-38
HPR075X1-SN-43
HPR075X1-SN-50
HPR075X1-SN-56
HPR075X1-SN-63

Dimensions



Model	Base Weight	Hole Size	A	B	C	D	E	F	G	H	J	K
HPR075X1-SN-25	0.18	1/4"	0.250"	1/2-20	0.50	0.44	3.44	0.19	0.62	0.81	0.25	#10-32 ²
¹ HPR075X1-SN-00	0.19	N/A	N/A	1/2-20	0.50	0.44	3.44	0.19	0.62	0.81	0.50	1/4-28
HPR075X1-SN-31	0.2	5/16"	0.312"	1/2-20	1.00	0.44	3.44	0.19	0.62	0.81	0.50	1/4-28 ²
HPR075X1-SN-38	0.21	3/8"	0.375"	1/2-20	1.00	0.44	3.44	0.19	0.62	0.81	0.50	3/8-40 ³
HPR075X1-SN-43	0.23	7/16"	0.438"	5/8-18	1.00	0.50	3.50	0.19	0.62	0.81	0.50	3/8-40 ³
HPR075X1-SN-50	0.24	1/2"	0.500"	5/8-18	1.00	0.50	3.50	0.19	0.62	0.81	0.50	3/8-40 ³
HPR075X1-SN-56	0.29	9/16"	0.562"	3/4-16	1.00	0.63	3.63	0.19	0.62	0.99	0.50	3/8-40 ³
HPR075X1-SN-63	0.29	5/8"	0.625"	3/4-16	1.00	0.63	3.63	0.19	0.62	0.99	0.50	3/8-40 ³

¹ The Pneumatic Hole Punch Cylinder may be ordered without the cutter under model number HPR075x1-00. This cylinder has the same features and dimensions as the Hole Puncher except 1/4-28 UNF-2A by 0.50 long rod threads are provided so you may attach your own cutter.

² Cutter to rod mating threads

³ Cutter to rod end adapter mating threads

Repair Parts

IMI Norgren Hole Punch Cylinders have a removable cutter that can be replaced when it starts to lose its edge. Cutter kits for all sizes are available and come with five (5) cutters, five (5) o-rings and repair instructions.

Part Number	Part description
PUNCH-25	1/4" replacement cutter kit
PUNCH-31	5/16" replacement cutter kit
PUNCH-38	3/8" replacement cutter kit
PUNCH-43	7/16" replacement cutter kit
PUNCH-50	1/2" replacement cutter kit
PUNCH-56	9/16" replacement cutter kit
PUNCH-63	5/8" replacement cutter kit

Warning

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.p65warnings.ca.gov.