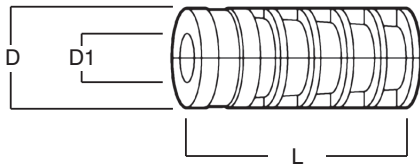


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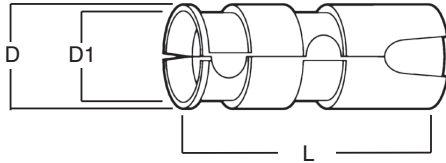
INTERNATIONAL TOOL MANUFACTURING
 675-E-PROGRESS CENTER AVE., LAWRENCEVILLE, GA 30043
 (770) 962-5454 • (800) 229-1776 • FAX (770) 962-5869

LAG SHIELDS



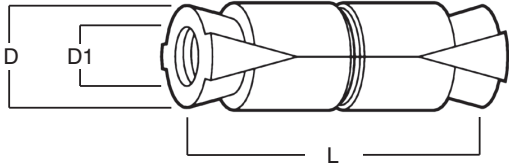
	1/4" S	5/16" S	3/8" S	1/2" S	1/4" L	5/16" L	3/8" L	1/2" L
HEAD DIAMETER (D)	1/2"	1/2"	5/8"	3/4"	1/2"	1/2"	5/8"	3/4"
INNER HOLE DIA. (D1)	1/4"	5/16"	3/8"	1/2"	1/4"	5/16"	3/8"	1/2"
OVERALL LENGTH (L)	1"	1-3/16"	1-3/4"	1-15/16"	1-1/2"	1-3/4"	2-1/2"	2-7/8"

SINGLE EXPANSION SHIELDS



	1/4-20	5/16-18	3/8-16	1/2-13	5/8-11	3/4-10
OUTSIDE DIAMETER (D)	1/2"	5/8"	3/4"	7/8"	1"	1-1/4"
NUT THREADING SIZE (D1)	1/4-20	5/16-18	3/8-16	1/2-13	5/8-11	3/4-10
LENGTH (L)	1-5/16"	1-1/2"	1-1/2"	2-1/16"	2-5/8"	3-15/16"

DOUBLE EXPANSION SHIELDS



	1/4-20	5/16-18	3/8-16	1/2-13	5/8-11	3/4-10
OUTSIDE DIAMETER (D)	1/2"	5/8"	3/4"	7/8"	1"	1-1/4"
NUT THREADING SIZE (D1)	1/4-20	5/16-18	3/8-16	1/2-13	5/8-11	3/4-10
LENGTH (L)	1-5/16"	1-1/2"	2"	2-1/2"	2-5/8"	3-15/16"

⊙ For All HSS & Carbon NPT Taps.

**NPT
 TAP-DRILL CHART**



DRILL THIS SIZE HOLE			TO TAP FOR THIS BOLT OR SCREW
DECIMAL INCHES	DRILL SIZE	NEAREST FRACTION	
.3390"	Ltr. R	none	1/8-27 NPT
.4375"	7/16"	7/16"	1/4-18 NPT
.5781"	37/64"	37/64"	3/8- 8 NPT
.7031"	45/64"	45/64"	1/2-14 NPT
.9219"	59/64"	59/64"	3/4-14 NPT
1.1562"	1-5/32"	1-5/32"	1 - 11-1/2 NPT
1.5000"	1-1/2"	1-1/2"	1-1/4 - 11-1/2 NPT
1.7344"	1-47/64"	1-47/64"	1-1/2 - 11-1/2 NPT
2.2188"	2-7/32"	2-7/32"	2 - 11-1/2 NPT