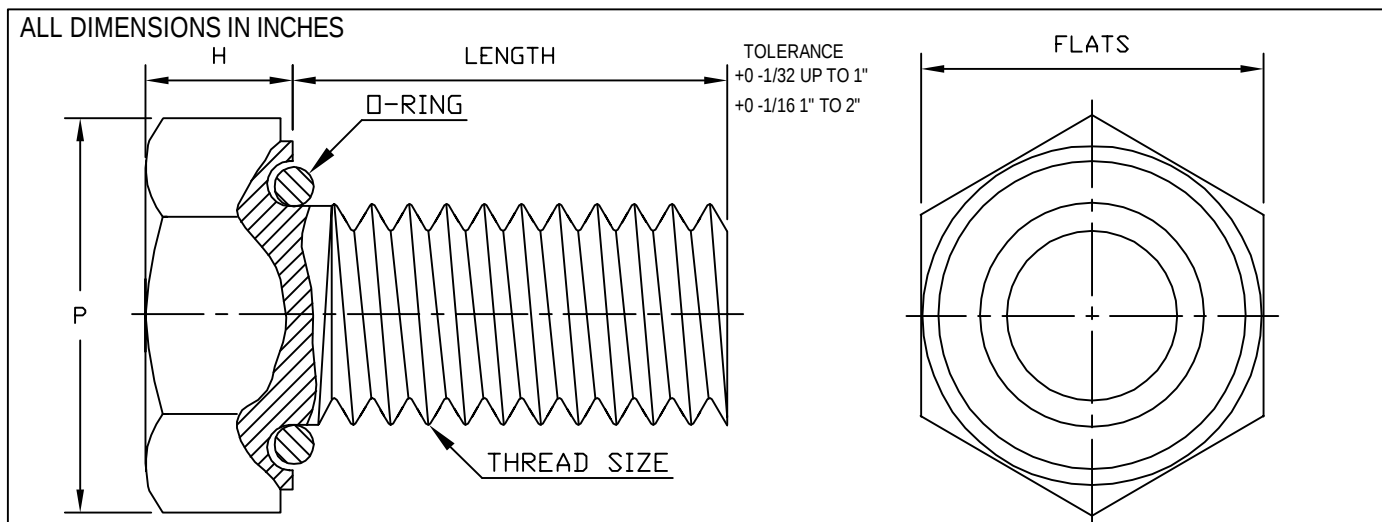




THREAD SIZE	P NOM.	H max	Flats max	RECOM. CLEAR. HOLE		LENGTH
				MIN.	MAX.	
1/4-28 UNF 2A	0.510"	0.163"	0.440"	0.265"	0.269"	3/8" to 3/4" Incl.
1/4-20 UNC 2A	0.510"	0.163"	0.440"	0.265"	0.269"	3/8" to 3/4" Incl.
5/16-24 UNF 2A	0.580"	0.211"	0.502"	0.332"	0.336"	1/2" to 7/8" Incl.
5/16-18 UNC 2A	0.580"	0.211"	0.502"	0.332"	0.336"	3/8" to 7/8" Incl.
3/8-24 UNF 2A	0.650"	0.243"	0.565"	0.395"	0.399"	5/8" to 1" Incl.
3/8-16 UNC 2A	0.650"	0.243"	0.565"	0.395"	0.399"	1/2" to 1" Incl.
7/16-20 UNF 2A	0.720"	0.291"	0.627"	0.467"	0.471"	5/16" to 1" Incl.
7/16-14 UNC 2A	0.720"	0.291"	0.627"	0.467"	0.471"	5/16" to 1" Incl.
1/2-20 UNF 2A	0.870"	0.323"	0.752"	0.530"	0.534"	1/2" to 1 1/4" Incl.
1/2-13 UNC 2A	0.870"	0.323"	0.752"	0.530"	0.534"	3/4" to 1 1/4" Incl.
5/8-11 UNC-2A	1.083"	0.403"	0.940"	0.660"	0.665"	1 1/4" Incl.
3/4-10 UNC 2A	1.300"	0.483"	1.127"	0.785"	0.790"	1 1/2" Incl.

TYPICAL CLEARANCE HOLE DETAIL

0.005 MAX. BREAK SHARP EDGE

CLEAR'CE HOLE DIA

DEPTH (2/3 x Pitch)

STANDARD SPECIFICATIONS & COMMON OPTIONS (HOW TO ORDER)

STD. SCREW MATERIAL: TYPE 18/8 STAINLESS STEEL PER DFARS (OTHER MATERIALS AVAILABLE)

STD. SCREW FINISH: NATURAL (PASSIVATED PER MIL-STD-171 UNLESS OTHERWISE SPECIFIED)

STD. O-RING MATERIAL: SILICONE RUBBER (SEE TABLE FOR O-RING OPTIONS)

SAMPLE CATALOG NO.		ST1/4-20X1/2-2701-BLKOX	AVAILABLE O-RING MATERIALS			COMMON OPTIONS	
SCREW TYPE	ST	HEXAGON HEAD SEELBOLTS	Compound Suffix	Material	Service Temp.	SUFFIX	DESCRIPTION
THREAD	1/4-20	ENTER BASIC THREAD SIZE	-2701	Silicone Rubber	-150°F to 500°F -101°C to 260°C	-BLKOX	BLACK OXIDE PER MIL-C-13924A, CLASS 2
	X		-2615	Fluoro-Silicone Rubber	-78°F to 450°F -61°C to 232°C	-NY	LOCKING NYLON PELLET
LENGTH	1/2	ENTER LENGTH	-5701	Viton® A	-20°F to 400°F -29°C to 204°C	-LY	LOCKING NYLON STRIP
O-RING SUFFIX	-2701	ENTER FROM TABLE	-4601	Buna N (NBR)	-65°F to 250°F -54°C to 121°C	-TP	LOCKING NYLON STD. PATCH
OPTIONS	-BLKOX	ENTER FROM TABLE	-3701	Neoprene (EPR)	-65°F to 300°F -54°C to 149°C	-HTP	HIGH TEMP. LOCKING NYLON PATCH
			-7601	Ethylene Propylene (EPDM)	-65°F to 300°F -54°C to 149°C		

K	ADDED THREAD SIZE 5/8-11 and 3/4-10				S. GOK	02.22.11
J	ADDED "PER DFARS" FOR THE SCREW MATERIAL				S. GOK	07.02.09
I	NEW DRAWING FORMAT				S. GOK	01.21.09
H	CAD COMPUTER GENERATED					12-23-02
REV.	DESCRIPTION					DATE
MAXIMUM AND MINIMUM MEASUREMENTS ARE STATED DIRECTLY ON EACH DIMENSION.		TITLE:	SEELBOLT ®, HEX HEAD THREADED TO HEAD		ENG.	
					DWN.	FRUMENTI
MAT'L: AS NOTED			APM-HEXSEAL CORPORATION		CHKD.	
FINISH: AS NOTED		SCALE			DWG. NO.	ST-0-0-00-0

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