



THREAD SIZE	P NOM.	H max	Flats max	RECOM. CLEAR. HOLE		Depth	LENGTH	TYPICAL CLEARANCE HOLE DETAIL
				min.	max.			
M 3x0.5 6g	6.35	2.13	5.50	3.550	3.650	1.0-1.5	6 to 30mm	<p>NOTES: 1. ALL DIMENSIONS IN MILLIMETERS 2. TOLERANCE: PER ISO 4017 (UNLESS OTHERWISE SPECIFIED)</p>
M 4x0.7 6g	8.08	2.93	7.00	4.390	4.540	1.4-2.1	8 to 30mm	
M 5x0.8 6g	9.24	3.50	8.00	5.400	5.640	1.6-2.4	8 to 40mm	
M 6x1 6g	11.55	4.15	10.00	6.730	6.830	2.0-3.0	8 to 50mm	
M 8x1.25 6g	15.01	5.65	13.00	8.450	8.550	2.5-3.7	12 to 50mm	
M 10x1.5 6g	19.63	7.18	17.00	10.530	10.640	3.0-4.5	12 to 50mm	
M 12x1.75 6g	21.94	8.18	19.00	13.450	13.560	3.5-5.2	20 to 50mm	
M 16x2 6g	27.71	10.18	24.00	17.520	17.630	4.0-6.0	20 to 50mm	

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 AMS2700 UNLESS OTHERWISE SPECIFIED)

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

SAMPLE CATALOG NO.			STM4X16MM-2701-BLKOX			AVAILABLE O-RING MATERIALS			COMMON OPTIONS	
SCREW TYPE	STM	HEXAGON HEAD SEELBOLT	Compound Suffix	Material	Service Temp.	SUFFIX	DESCRIPTION			
THREAD	4	ENTER BASIC THREAD SIZE	-2701	Silicone Rubber	-150° F to 500° F -101° C to 260° C	-BLKOX	BLACK OXIDE PER MIL-C-13924, CLASS 4			
	X		-2615	FluoroSilicone Rubber	-78° F to 450° F -61° C to 232° C	-NY	LOCKING NYLON PELLET			
LENGTH	16MM	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					

D	UPDATE FORMAT, ADDED M5 INSTANCE & CHANGE SOME DIMENSIONAL VAULES FOR ACCURACY. DWN: DAN LAW CHKD: KF/FK/SM	10.24.16
C	CHANGED FINISH SPECIFICATIONS FOR MIL-STD-171 TO ASM2700 DWN: DAN LAW CHKD: KF/FK 01.24.14	01.13.14
B	ADDED "PER DFARS" FOR THE SCREW MATERIAL	S. GOK 07.02.09
A	NEW DRAWING FORMAT	S. GOK 01.21.09
REV.	DESCRIPTION	DATE

TOLERANCES UNLESS OTHERWISE NOTED .X ±0.1 .XXX ±0.005 .XX ±0.01 < ±1.0° RUBBER: RMA "A3" COMMERCIAL	TITLE: SEELBOLT®, HEX HEAD, FULLY THREADED	ENG.	S. GOK	09.08.08
		DWN.	S. GOK	09.08.08
		CHKD.	J. CELLA	09.08.08
MAT'L: SEE SPECIFICATIONS & OPTIONS FINISH: SEE SPECIFICATIONS & OPTIONS		SCALE	DWG. NO.	
		NTS	STM-0000-00-00	