





**MATERIAL:**

STUD: D( )( )7950: 302 CRES STEEL PER AMS 5636 OR ASTM-A-493 OR A-286 CRES PER CHEMISTRY OF AMS 5737.

H.T. TO 160 KSI MIN. ULTIMATE TENSILE STRENGTH  
SEE STUD MATERIAL TABLE, SHEET 1

SLEEVE: D( )( )7950: 7075 -T6 ALUM PER AMS 4122 OR AMS QQ-A-225/9

**FINISH:**

STUD:

D( )7950: PASSIVATE PER AMS2700.

D( )E7950: BLACK OXIDE PER MIL-DTL-13924, CLASS 4 FOR 302, CLASS 3 FOR A-286.

SLEEVE:

D( )7950: ANODIZE PER MIL-A-8625, TYPE II, CLASS 1

D( )E7950: BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2

**NOTES:**

1. INTERPRET DIMENSIONS & TOLERANCES IAW ASME Y14.5-1994.
2. FOR LONGER LENGTH CODES, ADD INCREMENTS OF .0625 PER ADDITIONAL LENGTH CODE.
3. LENGTH CODE -6 IS AVAILABLE FOR THREAD SIZE CODE M2.5 ONLY.
4. -3A THREADS PER ASME B1.1, METRIC THREADS PER ASME B1.13M.
5. THE FOLLOWING TABLE CONTAINS COMBINATIONS WITH A STANDARD THREAD LENGTHS. FOR ORDERING SPECIAL THREAD LENGTHS ADD ACTUAL THREAD LENGTH TO THE END OF PART NUMBER. CONTACT FACTORY FOR AVAILABLE OPTIONS  
EXAMPLE: STANDARD: DP7950 - 8 - B - 10  
SPECIAL: DP7950 - 8 - B - 10 - .375

THREAD DIMENSION "T" IS FULL FORM THREAD LENGTH, A MAXIMUM OF 1.5 ADDITIONAL THREADS ARE ALLOWED FOR THREAD RUNOUT DURING ROLLING PROCESS.

THREAD LENGTH AVAILABILITY TABLE														
GRIP CODE	SIZE M2.5, 4, 4F, M3, 6, 6F, M3.5							SIZE 8, 8F, M4						
	6	7	8	9	10	11	12	6	7	8	9	10	11	12
A	.225													
B	.200									.250				
C	.170	.230								.284				

THREAD LENGTH AVAILABILITY TABLE														
GRIP CODE	SIZE 10, 10C, 10F, M5							SIZE 12, 12C, 12F, M6						
	6	7	8	9	10	11	12	6	7	8	9	10	11	12
A										.313				
B										.283	.345			
C			.284							.253	.315			

- ASSEMBLIES NOT AVAILABLE
- FULL THREAD LENGTH ASSEMBLIES AVAILABLE; OTHERWISE, LENGTH AS INDICATED

**AB**

PER DCN 12458, REVISED MATERIAL/FINISH DESIGNATIONS

CAPTIVE SCREW, SNAP-IN, OPTIONAL HEAD  
OPTIONAL SIZE, OPTIONAL RECESS

TOLERANCE UNLESS OTHERWISE NOTED:  
X = ±.05  
XX = ±.02  
XXX = ±.015  
ANGLES ±0.5°

DRAWN BY: J. SCHLOBOHM  
CHECKED BY: SIGNATURE ON FILE

**D( )( )7950  
S-2307**

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DIMENSIONS IN INCHES

AB