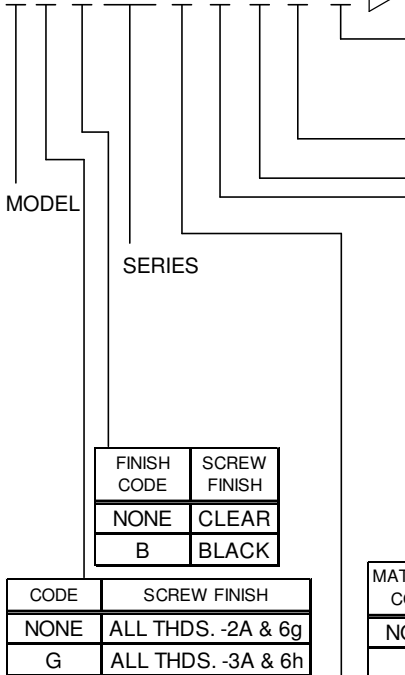


THREAD SIZE CODE	Ø D			H		Ø M MAX	Ø N	Ø Q +.004 -.001	Ø R +.000 -.005	S +.000 -.005	T
	HS, P, S	SK	TS	P, S, SK, TS	HS						
4, 4F, M3	.19	.23	.19	.43	.45	.139	.190	.140	.203	.030	.156
6, 6F, M3.5	.27	.31	.22	.65	.67	.186	.250	.187	.250	.045	.312
8, 8F, M4	.30	.37	.30	.75	.75	.249	.310	.250	.312	.050	.312
10, 10C, 10F, M5			.31								
12, 12C, 12F, M6	.38	.50	.40	1.00	1.00	.374	.440	.375	.437	.062	.375

LENGTH CODE	L1	LENGTH CODE	L1	LENGTH CODE	L1
4	.250	10	.625	16	1.000
5	.312	11	.688	17	1.062
6	.375	12	.750	18	1.125
7	.438	13	.812	19	1.187
8	.500	14	.875	20	1.250

PART NUMBER CALLOUT

D () () 7920 () () - () - () () 4



GRIP CODE	G1	G2	K ±.005	GRIP CODE	G1	G2	K ±.005
A	NA	3	.031	L	NA	.323-.354	.344
B	.030-.040		.062	M	.290-.352	.355-.385	.375
C	NA	.073-.103	.093	N	NA	.386-.416	.406
D	.041-.102	.104-.135	.125	P	.353-.414	.417-.447	.437
E	NA	.136-.166	.156	Q	NA	.448-.479	.469
F	.103-.164	.167-.197	.187	R	.415-.477	.480-.510	.500
G	NA	.198-.229	.219	S	NA	.511-.541	.531
H	.165-.227	.230-.260	.250	T	.478-.539	.542-.572	.562
J	NA	.261-.291	.281	U	NA	.573-.604	.594
K	.228-.289	.292-.322	.312	V	.540-.602	.605-.635	.625

THREAD SIZE CODE	THREAD SIZE	LEAD	THREAD SIZE CODE	THREAD SIZE	LEAD
4	.112-40 UNC	SINGLE	8F	.164-32 UNC	QUAD
6	.138-32 UNC		10F	.190-32 UNF	
8	.164-32 UNC		12F	.250-28 UNF	
10	.190-32 UNF		M3	M3 x 0.5	
12	.250-28 UNF		M3.5	M3.5 x 0.6	
10C	.190-24 UNC	SINGLE (COARSE)	M4	M4 x 0.7	METRIC
12C	.250-20 UNC		M5	M5 x 0.8	
4F	.112-40 UNC	DOUBLE	M6	M6 x 1.0	
6F	.138-32 UNC				

FINISH CODE	SCREW FINISH
NONE	CLEAR
B	BLACK

MATERIAL CODE	SCREW MATERIAL
NONE	302 CRES
L	A-286 CRES

CODE	SCREW FINISH
NONE	ALL THDS. -2A & 6g
G	ALL THDS. -3A & 6h

RECESS CODE	DRIVING RECESS AND SPECIFICATION	RECESS CODE	DRIVING RECESS AND SPECIFICATION
S	SLOT RECESS PER ANSI B18.6.3	SK	SLOT FILLISTER HEAD PER ANSI B18.6.3 (KNURLED)
HS	HEX SOCKET RECESS PER ANSI B18.3		
P	CROSS RECESS PER NASM 9006	TS	RECESS PER NASM 33781

ISSUED	1/23/2006	CAPTIVE SCREW, SPRING-LOADED, OPTIONAL RECESS, REMOVABLE	TOLERANCE UNLESS OTHERWISE NOTED: .X = ±.05 .XX = ±.02 .XXX = ±.015 ANGLES ±0.5°	DRAWN BY	J. SCHLOBOHM	SIGNER INITIALS		
	REVISED			10/21/2011	CHECKED BY	J. CALLAWAY		
	PAGE			1 OF 2	D () () 7920 () ()		S-2294	

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GRIP CODE	AVAILABILITY TABLE												
	LENGTH CODE												
	4	5	6	7	8	9	10	11	12	13-20			
A													
B													
C	o												
D													
E		o											
F													
G			o										
H													
J				o									
K													
L					o								
M													
N								o					
P													
Q									o				
R													
S										o			
T													
U											o		
V													

- ASSEMBLIES NOT AVAILABLE
- o NOT AVAILABLE - THD SIZES 12, 12(), M6 ONLY
- AVAILABLE

NOTES:

- 1 ▷ 'T' DIMENSION WILL ONLY BE MET WHEN 'L 1' IS GREATER THAN 'K' + 'T' + .050.
- 2 ▷ -2A AND -3A THREADS PER FED-STD-H28. METRIC THREADS PER ASME B1.13M.
- 3 ▷ THE FOLLOWING DIMENSIONS APPLY TO SIZES 4, 4F, M3, 6, 6F, AND M3.5 FOR G2 DIMENSION:

GRIP CODE	G2
A	.031-.041
B	.042-.072

- 4 ▷ LETTERS AT THE END OF PART NUMBER DESIGNATE SPECIAL ASSEMBLIES:
DL - ASSEMBLIES WITH DRI LUBE THREADS PER MIL-PRF-46010
PL - ASSEMBLIES WITH PATCH-LOCK PER MIL-DTL-18240
- 5 ▷ APPLIES TO THREAD SIZES 12, 12(), & M6 ONLY. ALL OTHER THREAD SIZES ARE AVAILABLE.

5 ▷

STUD: (CODE)

NONE: 302 CRES PER AMS 5636 OR ASTM-A-493

L: A-286 CRES PER AMS 5732, AMS 5737 OR EQUIV., H.T TO 160 KSI MIN. ULTIMATE TENSILE STRENGTH

SLEEVE: 304 CRES PER AMS 5639/AMS 6300 OR AMS QQ-S-763

SPRING: 302 CRES PER AMS 5688 OR ASTM-A-313

FINISH (CODE)

NONE: ALL COMPONENTS: PASSIVATE PER AMS QQ-P-35 AND AMS2700.

B: SLEEVE & SPRING: BLACK OXIDE PER MIL-C-13924, CLASS 4

SCREW: 302 CRES: BLACK OXIDE PER MIL-C-13924, CLASS 4

SCREW: A-286 CRES: BLACK OXIDE PER MIL-C-13924, CLASS 3

INSTALLATION TOOLS

() INDICATES THREAD SIZE CODE

HANDLE	PULLER	NOSE PIECE		ARBOR PRESS TOOL	
		C'SINK	C'BORE	C'SINK	C'BORE
TA7533	HP7523-()	HNG7513-()	HN7513-()	DW7600-()	HW7600-()

COMPLETE HANDLE TOOL ASSEMBLY:
INCLUDES NOSE PIECE, PULLER & HANDLE

C'BORE: H8603-() C'SINK: HG8603-()

P	PER DCN 10169, CHANGED SLOTTED HEAD DESIGNATION, REVISED PASSIVATION SPECIFICATION, CHANGED SHEET FORMAT		TOLERANCE UNLESS OTHERWISE NOTED: .X = ±.05 .XX = ±.02 .XXX = ±.015 ANGLES ±0.5°	DRAWN BY	J. SCHLOBOHM	SIGNER INITIALS	
	ISSUED	1/23/2006		CHECKED BY	J. CALLAWAY		
	REVISD	10/21/2011		D()()7920()()			

**CAPTIVE SCREW, SPRING-LOADED,
OPTIONAL RECESS, REMOVABLE**

DIMENSIONS IN INCHES

S-2294

P