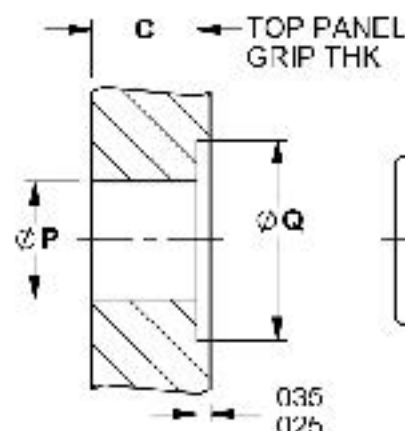
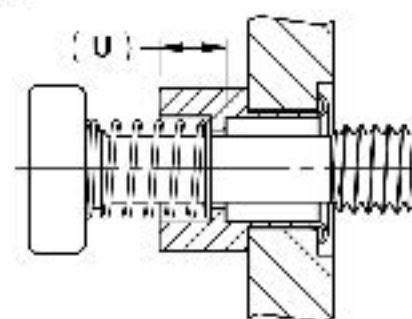


SCREW ASSEMBLY BEFORE MOUNTING



PANEL PREPARATION



**SCREW ASSEMBLY
AFTER MOUNTING**

THREAD SIZE CODE	Ø G	I	(Z)	Ø M	Ø N ±.005	Ø P +.004 -.001	Ø Q +.020 -.000	R MAX	Ø S +.000 -.000	T ±.005	(U)	V	J	TOTAL INTERNAL FLOAT WITHIN
4	.250	.100	.220	.250	.178	.187	.281	.330	.075	1/8	.115	.060	3/32	.017-.025
6	.300	.100	.220	.300	.202	.209	.312	.330	.090		.115	.060	7/64	.023-.032
8	.300	.100	.215	.302	.215	.221	.343	.335	.117		.130	.073	1/8	.022-.032
10														.025-.034
10C	.301	.125	.200	.300	.250	.257	.375	.330	.128	191	.145	.082	9/64	.037-.046
12														.025-.035
12C	.402	.156	.210	.402	.313	.323	.437	.380	.175		.165	.104	5/32	.040-.050

**PART NUMBER
CALLOUT**

DXH7900 ()-()-()

MODEL

SERIES

LENGTH CODE	L	L1			
		4, 6	8	10, 10c	12, 12c
1	.430	.270	.275	.290	NA
2	.550	.330	.335	.350	.340
2.5	.610	.380	.395	.410	.400
3	.670	.450	.455	.470	.460
4	.730	.510	.515	.530	.520
4.5	.820	.600	.605	.620	.610
5	.920	.700	.705	.720	.710
6	1.045	.825	.830	.845	.835
6.5	1.107	.887	.892	.907	.897
7	1.170	.950	.955	.970	.960
7.5	1.232	1.012	1.017	1.032	1.022
8	1.295	1.075	1.080	1.095	1.085
8.5	1.357	1.137	1.142	1.157	1.147

NOTES UNLESS SPECIFIED OTHERWISE:

1 FOR LONGER LENGTHS "L", ADD .125 INCREMENTS PER LENGTH CODE

2 CHECK SHEET 2 FOR "I" LENGTH AVAILABILITY TABLES

MATERIAL:

STUD:
A-206 CRES STEEL PER AMS 5737,
HEAT TREAT TO 160 KSI MIN. HRC 36 MIN
SLEEVE:
304 CRES PER AMS 5639 OR AMS-QQ-S-763
SPRING:
302 CRES PER AMS 5688 OR ASTM A 313
OR ASTM-A-580 COND B

FINISH:

ALL COMPONENTS PASSIVATE PER AMS2700

INSTALLATION TOOLS: () INDICATES THREAD SIZE CODE

ARBOR PRESS TOOL HW7800-(), NOSE PIECE HW7513-(),
PULLER FR HP7523-(), HANDIF ASSEMBLY TA7533

COMPLETE HANDIF TOOL ASSEMBLY:
H8603-() INCLUDES NOSE PIECE, PULLER & HANDLE

THREAD SIZE CODE	THREAD SIZE PER ASME B1.1	LEAD	C		K ±.035
			GRIP CODE	(TOP PANEL GRIP THICKNESS)	
4	.112-40 UNC-3A	SINGLE	A	.031-.062	.085
6	.138-32 UNC-3A		D	.063-.125	.147
8	.164-32 UNC-3A		C	.126-.187	.210
10	.190-32 UNF-3A		I	.188-.250	.272
12	.250-28 UNF-3A		E	.251-.312	.335
10C	.190-24 UNC-3A	SINGLE (COARSE)	F	.313-.275	.397
12C	.250-20 UNC-3A				

N PER DCN 13112, REVISED SHEET 1 FORMAT

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

DESIGNED BY J. SCHILCOFF

APPROVED BY SIGNATURE ON FILE

DATE: 6/23/2005
REV: 1: 6/19/2005
PAGE: 1 OF 2

**CAPTIVE SCREW, PAN HEAD, HEX RECESS,
INTERNAL FLOAT, SPRING-LOADED**

**DXH7900
S-2599**

DIMENSIONS IN INCHES



AVAILABILITY TABLE

RETRACTABILITY TABLE

GRIP CODE	SIZE 4, 6							
	1	2	2.5	3	4	4.5	5	6 THRU 8.5
A	.145							
B		.143						
C			.141					
D				.139				
E					.137			
F						.163	.135	

GRIP CODE	SIZE 4						
	1	2	2.5	3	4	4.5 THRU 8.5	
A	O	.017	.017	.017	.017	.017	.017
B		O	O	O	O	O	O
C			O	O	O	O	O
D				O	O	O	O
E					O	O	O
F						O	O

GRIP CODE	SIZE 8							
	1	2	2.5	3	4	4.5	5	6 THRU 8.5
A	.150							
B		.148						
C			.146					
D				.144				
E					.142			
F						.168	.140	

GRIP CODE	SIZE 6						
	1	2	2.5	3	4	4.5 THRU 8.5	
A	O	.033	.033	.033	.033	.033	.033
B		O	O	O	O	O	O
C			O	O	O	O	O
D				O	O	O	O
E					O	O	O
F						O	O

GRIP CODE	SIZE 10, 10C							
	1	2	2.5	3	4	4.5	5	6 THRU 8.5
A	.165							
B		.163						
C			.161					
D				.159				
E					.157			
F						.183	.155	

GRIP CODE	SIZE 8						
	1	2	2.5	3	4	4.5 THRU 8.5	
A	O	.053	.053	.053	.053	.053	.053
B		O	.021	.021	.021	.021	.021
C			O	O	O	O	O
D				O	O	O	O
E					O	O	O
F						O	O

GRIP CODE	SIZE 12, 12C							
	1	2	2.5	3	4	4.5	5	6 THRU 8.5
A								
B			.182					
C				.190				
D					.188			
E								
F								

GRIP CODE	SIZE 10, 10C						
	1	2	2.5	3	4	4.5 THRU 8.5	
A	.049	.083	.083	.083	.083	.083	.083
B		.015	.015	.015	.015	.015	.015
C			O	O	O	O	O
D				O	O	O	O
E					O	O	O
F						O	O

GRIP CODE	SIZE 12, 12C						
	1	2	2.5	3	4	4.5 THRU 8.5	
A		.089	.089	.089	.089	.089	.089
B			.054	.060	.060	.060	.060
C			O	O	O	O	O
D				O	O	O	O
E					O	O	O
F						O	O

■ NOT AVAILABLE
□ INDICATES FULL THREAD LENGTH (T) UNLESS OTHERWISE SPECIFIED

■ NOT AVAILABLE
○ FULLY RETRACTABLE (STUD WILL NOT PROTRUDE BELOW TOP PANEL IN RETRACTED POSITION)

* IF NO C-BORE USED, ADD .030 TO EACH ENTRY IN RETRACTABILITY TABLES



N	PER DCN 13112, REVISED SHEET FORMAT		TOLERANCE UNLESS OTHERWISE NOTED: X = ±.05 XX = ±.02 XXX = ±.015 ANGLES ±0.5° DIMENSIONS IN INCHES	DESIGNED BY J. SCHILCOFFM
	CAPTIVE SCREW, PAN HEAD, HEX RECESS, INTERNAL FLOAT, SPRING-LOADED			DRAWN BY SIGNATURE ON FILE
	DATE: 6/20/2005	REV: 1: 6/19/2005		FACE: 2 OF 2

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