

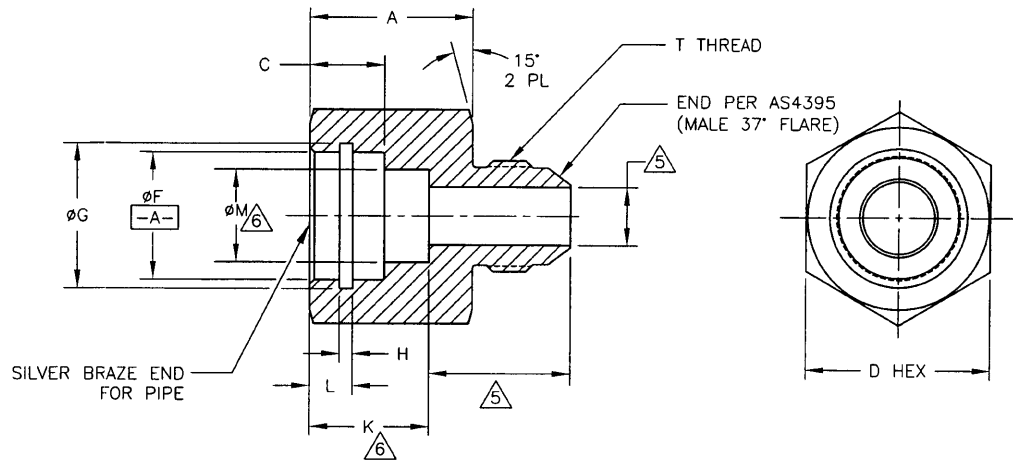
1ST DASH NO.	DESCRIPTION
-2	CRES 316
-5	MONEL
-6	70-30 COPPER-NICKEL
-7	90-10 COPPER-NICKEL

2ND DASH NO.	PIPE SIZE	A	C	D	ØF	ØG	H	K ^{+0.03} / _{-0.00}	L	ØM
-02	1/8		.38		.41	.50	.08	.58	.23	.27
-04	1/4	.72	.38	.69	.54	.64	.08	.62	.23	.36
-06	3/8	.89	.47	1.00	.68	.77	.08	.69	.23	.49
-08	1/2	1.00	.56	1.00	.84	.96	.19	.88	.34	.62
-10		1.17		1.44						
-12	3/4	1.18	.69	1.44	1.05	1.17	.19	.94	.34	.83
-16	1	1.30	.81	1.69	1.32	1.43	.19	1.12	.34	1.04
-20	1 1/4	1.48	.94	2.00	1.66	1.84	.26	1.25	.41	1.46
-24	1 1/2	1.94	1.06	2.62	1.90	2.08	.26	1.37	.41	1.70
-32	2	2.31	1.25	3.25	2.38	2.55	.26	1.56	.41	2.18

3RD DASH NO.	T THREAD
-04	7/16-20
-06	9/16-18
-08	3/4-16
-10	7/8-14
-12	1 1/16-12
-16	1 5/16-12
-20	1 5/8-12
-24	1 7/8-12
-32	2 1/2-12

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LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 5878	9/19/96	KC
A	REVISED PER EO 6152	4/3/97	KC
B	REVISED PER EO 9858	6/9/05	D.L.
C	REVISED PER EO 10222	3/30/06	D.L.
D	REVISED PER EO 10741	3/12/07	<i>[Signature]</i>



SAMPLE PART NUMBER
3828-2-08-08

BASIC P/N ———
MATERIAL DESIGNATION (TABLE 1) ———
THREAD SIZE PER AS4395 (TABLE 3) ———
NOMINAL PIPE SIZE (TABLE 2) ———

- 7 DELETED
 - 6 "ØM" TO BE MACHINED TO DEPTH "K" ONLY, NOT THRU
 - 5 PORT DIA TO BE MACHINED TO "K" ONLY, NOT THRU, DRILL POINT ANGLE ACCEPTABLE
 - 4. ALL DIA $\sqrt[.010]{A}$
 - 3. DEBURR AND BREAK SHARP EDGES.
 - 2. DIMENSIONS AND TOLERANCES PER ANSI Y14.5-1982.
 - 1. INTERPRET DWG PER DOD-STD-100C.
- NOTES: UNLESS OTHERWISE SPECIFIED

MASTER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES XXX = ± .010 XX = ± .005 X = ± .001 ANGLES = 20°/30°		PREECE INC. 11 CHRYSLER IRVINE, CA 92618		DECCA VALVES A DIVISION OF PREECE INC.	
CAD FILES	3828	ADAPTER, MALE FLARE TO FEMALE SIL-BRAZE			
DPT	RN 3/26/97				
CHK	RN 3/27/97	SIZE	CODE IDENT NO.	DWG NO.	REV LTR
DES		B	21392	3828	D
OTHER ACTIVITY APPD		SCALE	NONE	RLSE DATE	SHEET 1 OF 1
PREECE APPD	K. CHING 09/19/96				

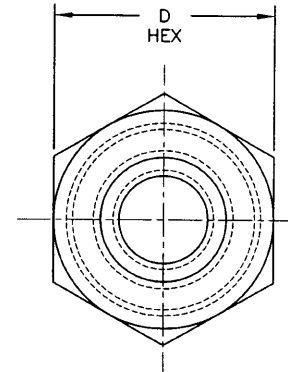
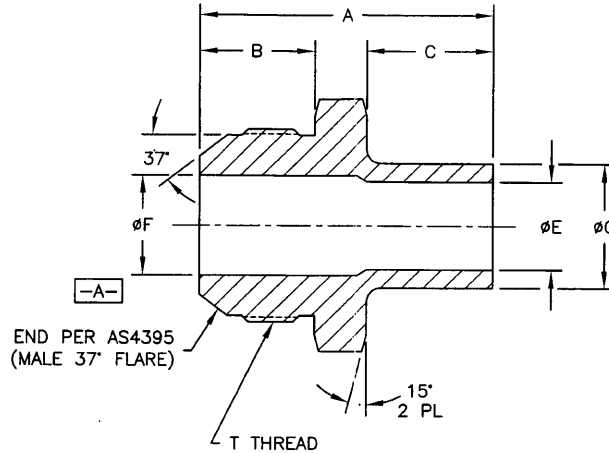
1ST DASH NO.	DESCRIPTION
-2	CRES 316
-5	MONEL
-6	70-30 COPPER-NICKEL
-7	90-10 COPPER-NICKEL
-8	BRASS 360

2ND DASH NO.	PIPE SIZE	C	E	G
-02	1/8	.62	.17	.40
-04	1/4	.62	.30	.54
-06	3/8	.72	.47	.67
-08	1/2	.81	.59	.84
-12	3/4	1.06	.74	1.05
-16	1	1.19	.93	1.31
-20	1 1/4	1.44	1.17	1.66
-24	1 1/2	1.56	1.31	1.90
-32	2	1.75	1.65	2.38

3RD DASH NO.	T THREAD	A	B	D	F
-04	7/16-20	1.36	.55	.50	.17
-06	9/16-18	1.52	.56	.69	.30
-08	3/4-16	1.78	.66	.94	.39
-10	7/8-14	1.88	.76	.94	.48
-12	1 1/16-12	2.06	.86	1.12	.59
-16	1 5/16-12	2.35	.91	1.38	.84
-20	1 5/8-12	2.59	.96	1.69	1.08
-24	1 7/8-12	3.14	1.08	2.00	1.31
-32	2 1/2-12	3.77	1.33	2.56	1.78

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LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 5878	9/19/96	KC
A	REVISED PER EO 6143	3/31/97	KC
B	REVISED PER EO 7600	6/19/00	KC
C	REVISED PER EO 8661	3/18/02	KC
D	REVISED PER EO 11202	6/4/08	[Signature]



END PER AS4395 (MALE 37° FLARE)

T THREAD

15° 2 PL

SAMPLE PART NUMBER

3843-2-08-08

BASIC P/N ————
 MATERIAL DESIGNATION (TABLE 1) ————
 THREAD SIZE PER AS4395 (TABLE 3) ————
 NOMINAL PIPE SIZE (TABLE 2) ————

4. ALL DIA $\sqrt{.010 A}$
3. DEBURR AND BREAK SHARP EDGES.
2. DIMENSIONS AND TOLERANCES PER ANSI Y14.5-1982.
1. INTERPRET DWG PER DOD-STD-100C.

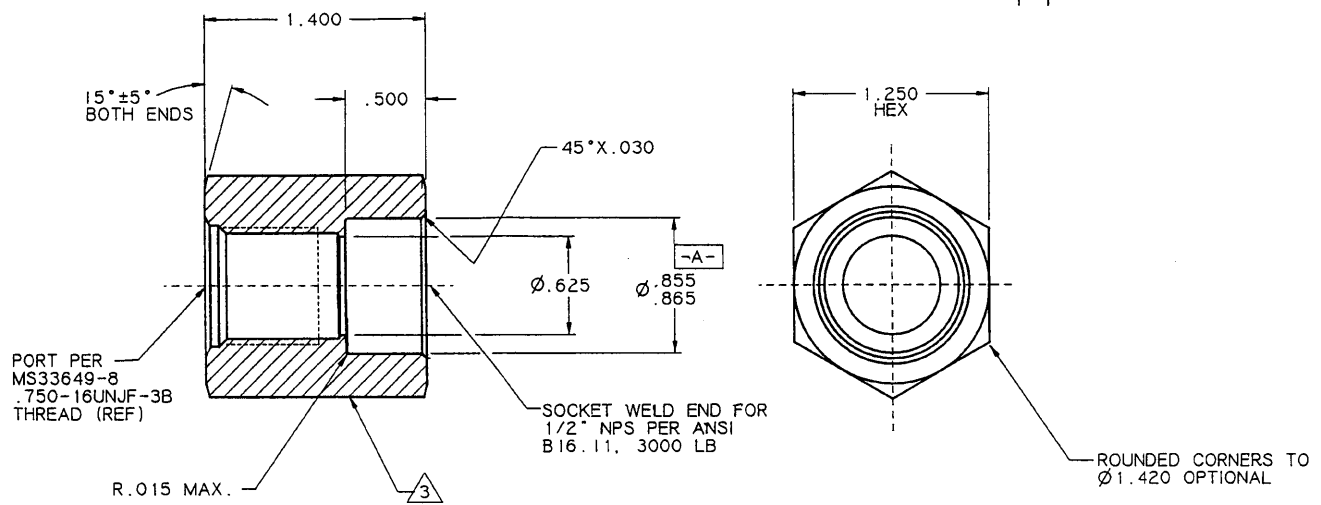
NOTES: UNLESS OTHERWISE SPECIFIED

MASTER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES .XXX = ± .010 .XX = ± .03 .X = ± .1 ANGLES = 30°/30°		Pi PREECE INC. 11 CHRYSLER IRVINE, CA 92618		DECCA Y A L V E S A DIVISION OF PREECE INC.	
CAD FILES	3843	ADAPTER, MALE FLARE TO MALE SIL-BRAZE			
DFT	MH 3/4/97	SIZE	CODE IDENT NO.	DWG NO.	REV LTR
CHK	RN 96/09/18	B	21392	3843	D
DES		OTHER ACTIVITY APPD		PREECE APPD	
	K. CHING	09/19/96	SCALE 1:1	RLSE DATE	SHEET 1 OF 1

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 5725	4/25/76	[Signature]



- 6. DEBURR AND BREAK SHARP EDGES.
- 5. MATERIAL AND FINISH:
CRES 316 PER QQ-S-763 OR ASTM A-312
PASSIVATE PER QQ-P-35 OR
ELECTROPOLISH PER OD 52533.
- 4. ALL DIA $\frac{.010}{A}$
- 3. MARK PER MIL-STD-130 (ELECTROETCH ON HEX, LOCATION OPTIONAL)
PREECE INC. 21392
P/N 3896 REV.
DATE OF MFR:

2. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982
1. INTERPRET DWG PER DOD - STD - 100C
NOTES: UNLESS OTHERWISE SPECIFIED

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QTY REQD	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE	MATERIAL	FINISH
		← ASSY	PARTS LIST		
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON: .XXX = ±.010 .XX = ±.03 .X = ±.1 CHAMFER ANGLES = ±5° OTHER ANGLES = ±9°30' THD PER HANDBOOK H28		CAD FILES	3896		
		DFT	LCL	4/18/96	
		CHK			
		VALUE ENGR			
		MATL			
		STRESS			
		APPO			
		APPO			
		PREECE APPO			
		OTHER ACTIVITY APPO			
REQD	NEXT ASSY	USED ON	SIZE	CODE IDENT NO.	DWG NO.
			C	21392	3896
APPLICATION			SCALE	2/1	RLSE DATE
					SHEET OF
					REV LTR
					N/C

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 6105	03/31/97	K.C.
A	REVISED PER EO 6518	5/1/98	<i>[Signature]</i>

DASH NO.	DESCRIPTION
-1	CRES 304
-2	CRES 316
-3	AL ALY 7705-T6
-4	INCONEL
-5	MONEL
-6	70-30 COPPER-NICKEL
-7	90-10 COPPER-NICKEL

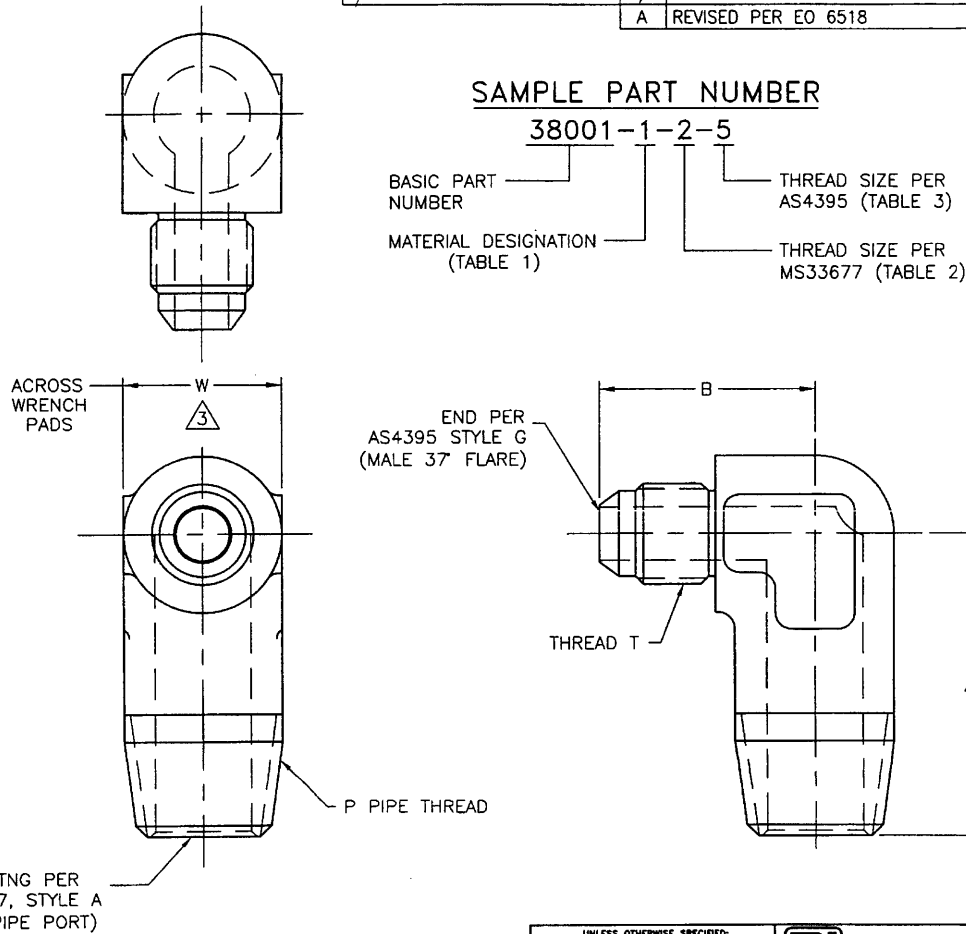
2ND DASH NO.	THREAD PER MIL-P-7105	A ±.03	W Δ_3 ±.010
-2	1/8-27	1.09	.312
-4	1/4-18	1.22	.562
-6	3/8-18	1.33	.875
-8	1/2-14	1.68	.875
-12	3/4-14	1.78	1.062
-16	1-11-1/2	2.13	1.312
-20	1-1/4-11-1/2	2.50	1.625
-24	1-1/2-11-1/2	2.95	2.250
-32	2-11-1/2	3.00	2.562

3RD DASH NO.	THREAD PER MIL-S-8879-3A	B ±.03	W Δ_3 ±.010
-3	3/8-24UNJF	.83	.375
-4	7/16-20UNJF	1.05	.562
-5	1/2-20UNJF	1.05	.562
-6	9/16-18UNJF	1.18	.875
-8	3/4-16UNJF	1.33	.875
-10	7/8-14UNJF	1.54	1.062
-12	1 1/16-12UNJ	1.76	1.312
-16	1 5/16-12UNJ	2.09	1.312
-20	1 5/8-12UNJ	2.30	1.625
-24	1 7/8-12UNJ	2.33	2.250
-32	2 1/2-12UNJ	3.08	2.562

SAMPLE PART NUMBER

38001-1-2-5

BASIC PART NUMBER ————
 MATERIAL DESIGNATION (TABLE 1) ————
 THREAD SIZE PER AS4395 (TABLE 3) ————
 THREAD SIZE PER MS33677 (TABLE 2) ————



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Δ_3 WRENCH PADS WIDTH TO BE DETERMINED BY THE LARGER OF END FITTING SIZE.

2. DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982

1. INTERPRET DRAWING PER DOD-STD-100C.

NOTES: UNLESS OTHERWISE SPECIFIED.

MASTER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES .XXX = ±.010 .XX = ±.03 .X = ±.1 ANGLES = 30°/30°		Pi PREECE INC. 11 CHRYSLER IRVINE, CA 92618		DECCA VALVE A DIVISION OF PREECE INC.
CAD FILES	38001	ADAPTER, 90° ELBOW, MALE PIPE TO MALE 37° FLARE		
OPF	M.H.	02/20/97	SIZE	CODE IDENT NO.
CHK	R.N.	03/28/97	B	21392
DWG			DWG NO.	38001
OTHER ACTIVITY APPD			REV	LTR
PREECE APPD	K. CHING	03/31/97	A	
SCALE 1/1		RLSE DATE	SHEET 1 OF 1	

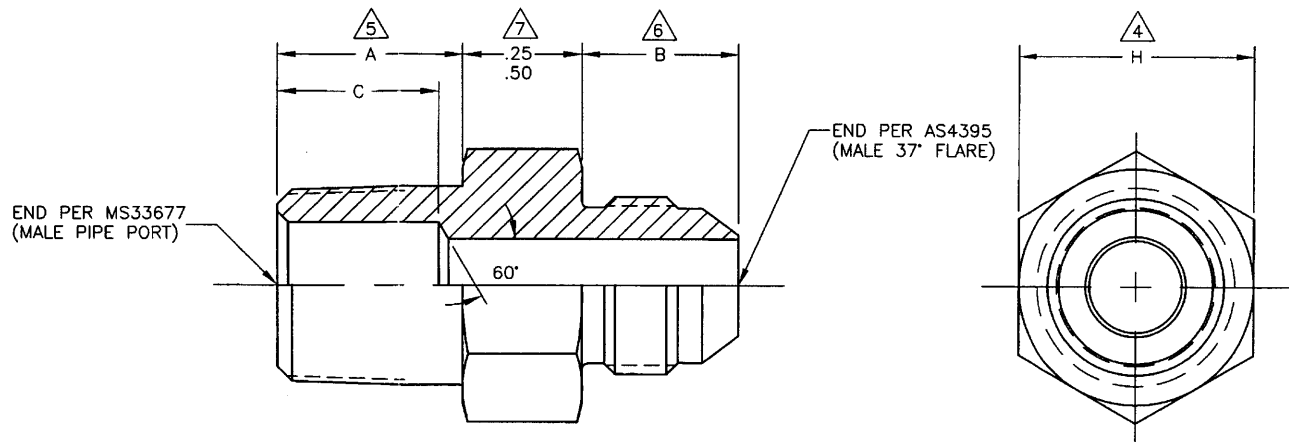
TABLE 1: ADAPTER MATERIAL	
DASH NO.	DESCRIPTION
-1	CRES 304
-2	CRES 316
-3	AL ALLY 7075-T6
-4	INCONEL
-5	MONEL
-6	70-30 COPPER-NICKEL
-7	90-10 COPPER-NICKEL
-8	BRASS 360

TABLE 2: NPT				
2ND DASH NO.	THREAD PER MIL-P-7105	ΔA $\pm .015$	C	ΔH $\pm .010$
-2	1/8-27	.391	.341	.500
-4	1/4-18	.594	.544	.688
-6	3/8-18	.609	.559	.813
-8	1/2-14	.781	.831	1.000
-12	3/4-14	.797	.747	1.375
-16	1-11-1/2	.984	.934	1.625
-20	1-1/4-11-1/2	1.016	.966	1.875
-24	1-1/2-11-1/2	1.031	.981	2.125
-32	2-11-1/2	1.062	1.012	2.750

TABLE 3: 37° MALE FLARE			
3RD DASH NO.	THREAD PER MIL-S-8879-3A	ΔB $\pm .015$	ΔH $\pm .010$
-3	3/8-24UNJF	.479	.625
-4	7/16-20UNJF	.550	.688
-5	1/2-20UNJF	.550	.750
-6	9/16-18UNJF	.556	.813
-8	3/4-16UNJF	.657	1.000
-10	7/8-14UNJF	.758	1.125
-12	1 1/16-12UNJ	.864	1.375
-16	1 5/16-12UNJ	.911	1.625
-20	1 5/8-12UNJ	.958	1.875
-24	1 7/8-12UNJ	1.083	2.125
-32	2 1/2-12UNJ	1.333	2.750

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 6053	03/31/97	K.C.
A	REVISED PER EO 6519	05/01/98	K.C.
B	REVISED PER EO 7206	08/26/99	B.L.
C	REVISED PER EO 8249	5/31/02	K.C.
D	REVISED PER EO 8662	3/18/02	D.L.
E	REVISED PER EO 10988	12/11/07	D.L.



SAMPLE PART NUMBER

38002-1-04-06

BASIC PART NUMBER

THREAD SIZE PER AS4395 (TABLE 3)

MATERIAL DESIGNATION (TABLE 1)

THREAD SIZE PER MS33677 (TABLE 2)

- Δ FOR DASH SIZES OF 2 TO 6, HEX WIDTH IS .25 IN. FOR DASH SIZES OF 8 OR GREATER, HEX WIDTH IS .50 IN.
- Δ LENGTH "B" PER AS4395.
- Δ LENGTH "A" PER MS33677.
- Δ HEX SIZE IS DETERMINED BY THE LARGER END FITTING SIZE.
- 3. FINISH: ELECTROPOLISH CRES. ANODIZE (GOLD) ALUMINUM.
- 2. DIMENSIONS AND TOLERANCES PER ANSI Y14.5-1982.
- 1. INTERPRET DWG PER DOD-STD-100C.
- NOTES: UNLESS OTHERWISE SPECIFIED

MASTER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES .XXX = $\pm .010$.XX = $\pm .03$.X = $\pm .1$ ANGLES = 30°/30°		PREECE INC. 11 CHRYSLER IRVINE, CA 92618		DECCA VALVES A DIVISION OF PREECE INC.
CAD FILES	38002	ADAPTER, MALE PIPE TO MALE 37° FLARE		
DFT	M.H.	01/24/97		
CHK	R.N.	03/28/97		
DES				
OTHER ACTIVITY APPD				
PREECE APPD	K.CHING	03/31/97	SIZE B	CODE IDENT NO. 21392
			DWG NO. 38002	REV LTR E
			SCALE NONE	RLSE DATE
			SHEET 1 OF 1	

1ST DASH NO.	DESCRIPTION
-2	CRES 316
-5	MONEL
-6	70-30 COPPER NICKEL
-7	90-10 COPPER NICKEL
-8	NICKEL COPPER PER QQ-N-281

2ND DASH NO.	PIPE SIZE	A	B	C	D $\begin{matrix} +.03 \\ -.00 \end{matrix}$	E $\begin{matrix} \triangle \\ 7 \end{matrix}$	F
-04	1/4	.54	.36	.38	.62	.88	.79
-06	3/8	.68	.49	.47	.69	1.00	.95
-08	1/2	.84	.62	.56	.88	1.25	1.22
-12	3/4	1.05	.83	.69	.94	1.37	1.30
-16	1	1.32	1.04	.81	1.12	2.00	1.49
-20	1-1/4	1.66	1.38	.81	1.25	2.50	1.62
-24	1-1/2	1.90	1.61	.81	1.25	3.00	1.62
-32	2	2.40	2.07	.93	1.37	3.50	1.74

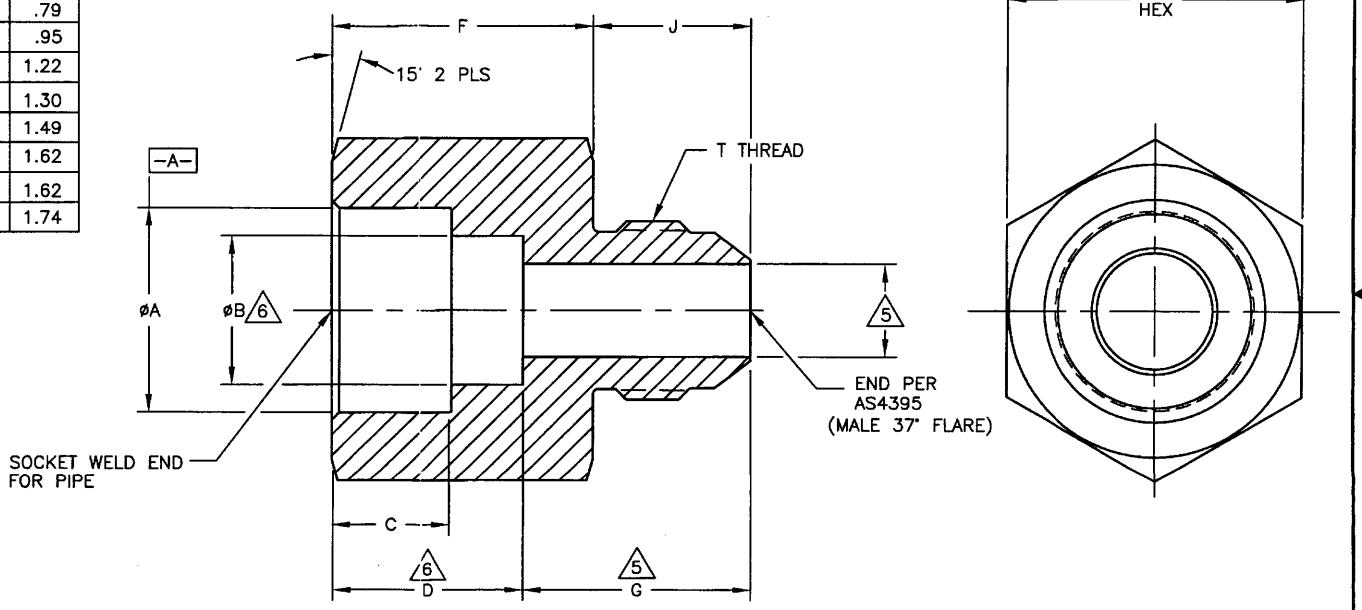
3RD DASH NO.	T THREAD	E $\begin{matrix} \triangle \\ 7 \end{matrix}$	J
-04	7/16-20	.69	.550
-05	1/2-20	.75	.550
-06	9/16-18	.81	.556
-08	3/4-16	1.00	.657
-10	7/8-14	1.12	.758
-12	1 1/16-12	1.37	.864
-16	1 5/16-12	1.63	.911
-20	1 5/8-12	2.00	.958
-24	1 7/8-12	2.13	1.083
-32	2 1/2-12	2.75	1.333

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LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 6150	04/03/97	K.C.
A	REVISED PER EO 6255	07/17/97	K.C.
B	REVISED PER EO 6524	05/06/98	K.C.
C	REVISED PER EO 6544	05/27/98	K.C.
D	REVISED PER EO 10544	12/18/06	<i>[Signature]</i>

SAMPLE PART NUMBER
38003-1-08-10

BASIC PART NUMBER
MATERIAL DESIGNATION (TABLE 1)
THREAD SIZE PER AS4395 (TABLE 3)
PIPE SIZE (TABLE 2)



- $\begin{matrix} \triangle \\ 7 \end{matrix}$ HEX SIZE IS DETERMINED BY THE LARGER OF THE TWO HEX DIMENSIONS.
 - $\begin{matrix} \triangle \\ 6 \end{matrix}$ "ØB" TO BE MACHINED TO DEPTH "D" ONLY, NOT THRU.
 - $\begin{matrix} \triangle \\ 5 \end{matrix}$ PORT DIA TO BE MACHINED TO DEPTH "G" ONLY, NOT THRU. DEPTH WILL VARY DEPENDING ON CONFIGURATION CHOSEN.
 - 4. ALL DIA $\begin{matrix} \text{Ø} \\ \text{A} \end{matrix}$.010
 - 3. DEBURR AND BREAK SHARP EDGES.
 - 2. DIMENSIONS AND TOLERANCES PER ANSI Y14.5-1982.
 - 1. INTERPRET DWG PER DOD-STD-100C.
- NOTES: UNLESS OTHERWISE SPECIFIED

MASTER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES JCK = ±.010 JC = ±.03 J = ±.1 ANGLES = 30°/30°		PREECE INC. 11 CHRYSLER AVE, CA 92818		DECCA VALVES A DIVISION OF PREECE INC.
CAD FILES	38003	ADAPTER, SOCKET WELD x AS4395		
BY	M.H.	03/04/97		
CHK				
DES				
OTHER ACTIVITY APPD				
PREECE APPD	K.CHING	04/03/97	SIZE B	CODE IDENT NO. 21392
			DWG NO. 38003	REV LTR D
			SCALE 2/1	RLSE DATE
			SHEET 1 OF 1	

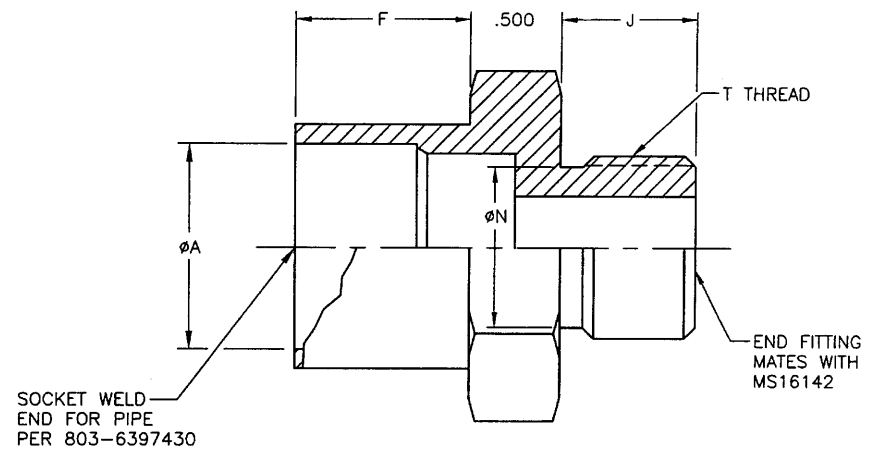
1ST DASH NO.	DESCRIPTION
-1	CRES 304
-2	CRES 316
-5	MONEL PER QQ-N-281
-6	70-30 COPPER-NICKEL PER MIL-C-15726
-7	90-10 COPPER-NICKEL PER MIL-C-15726

2ND DASH NUMBER	PIPE SIZE	ϕA +.030 -.000	F $\pm .010$
-04	1/4	.545	.535
-06	3/8	.680	.575
-08	1/2	.845	.695
-12	3/4	1.055	.765
-16	1	1.320	.890
-20	1 1/4	1.665	.980
-24	1 1/2	1.905	1.010
-32	2	2.380	1.150

3RD DASH NUMBER	T THREAD	J $\pm .005$	ϕN +.002 -.003
-02	5/16-24UNF-2A	.297	.250
-03	3/8-24UNF-2A	.297	.313
-04	7/16-20UNF-2A	.360	.364
-05	1/2-20UNF-2A	.360	.427
-06	9/16-18UNF-2A	.391	.482
-08	3/4-16UNF-2A	.438	.660
-10	7/8-14UNF-2A	.500	.773
-12	1 1/16-12UN-2A	.594	.945
-14	1 3/16-12UN-2A	.594	1.070
-16	1 5/16-12UN-2A	.594	1.195
-20	1 5/8-12UN-2A	.594	1.507
-24	1 7/8-12UN-2A	.594	1.756
-32	2 1/2-12UN-2A	.594	2.381

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LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 6315	10/21/95	K.C.
A	REVISED PER EO 6375	12/12/97	<i>[Signature]</i>



WORKING COPY

SAMPLE PART NUMBER
38004-1-08-10

BASIC PART NUMBER

MATERIAL DESIGNATION (TABLE 1)

THREAD SIZE MATES WITH MS16142 (TABLE 3)

PIPE SIZE (TABLE 2)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES .XX = $\pm .010$.XX = $\pm .03$.X = $\pm .1$ ANGLES = 30°/30°		PI PREECE INC. 11 CHRYSLER IRVINE, CA 92618		DECCA VALVES A DIVISION OF PREECE INC.
CAD FILES	38004-S	ADAPTER, CLASS 400 PSI SOCKET WELD TO STRAIGHT THREAD		
DTT	J.G. 07/07/97	SIZE	CODE IDENT NO.	DWG NO.
CHK	P.S. 10/21/97	B	21392	38004-S
DES		OTHER ACTIVITY APPD		REV LTR
PREECE APPD	K.CHING 10/21/97	SCALE	2/1	RLSE DATE
				SHEET 1 OF 1

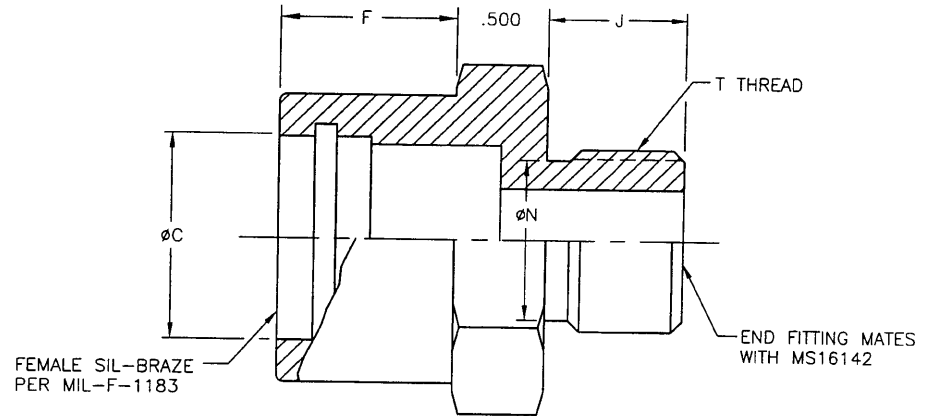
1ST DASH NO.	DESCRIPTION
-1	CRES 304
-2	CRES 316
-5	MONEL PER QQ-N-281
-6	70-30 COPPER-NICKEL PER MIL-C-15726
-7	90-10 COPPER-NICKEL PER MIL-C-15726

2ND DASH NUMBER	NOM PIPE SIZE	ØC + .003 - .000	F ± .015
-04	1/4	.540	.535
-06	3/8	.675	.575
-08	1/2	.840	.650
-12	3/4	1.050	.700
-16	1	1.315	.730
-20	1 1/4	1.660	.800
-24	1 1/2	1.900	.925
-32	2	2.375	.955

3RD DASH NUMBER	T THREAD	J ± .005	N + .002 - .003
-02	5/16-24UNF-2A	.297	.250
-03	3/8 -24UNF-2A	.297	.313
-04	7/16-20UNF-2A	.360	.364
-05	1/2 -20UNF-2A	.360	.427
-06	9/16-18UNF-2A	.391	.482
-08	3/4 -16UNF-2A	.438	.660
-10	7/8 -14UNF-2A	.500	.773
-12	1 1/16-12UN -2A	.594	.945
-14	1 3/16-12UN -2A	.594	1.070
-16	1 5/16-12UN -2A	.594	1.195
-20	1 5/8 -12UN -2A	.594	1.507
-24	1 7/8 -12UN -2A	.594	1.756
-32	2 1/2 -12UN -2A	.594	2.381

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LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 6312	10/21/97	K.C.
A	REVISED PER EO 6376	12/12/97	<i>[Signature]</i>



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SAMPLE PART NUMBER

38005-1-08-10

BASIC PART NUMBER

MATERIAL DESIGNATION
(TABLE 1)

THREAD SIZE
MATES WITH MS16142
(TABLE 3)

PIPE SIZE
(TABLE 2)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		Pi PREECE INC. 11 CHRYSLER IRVINE, CA 92618		DECCA VALVES A DIVISION OF PREECE INC.	
TOLERANCES					
.XXK = ± .010					
.XX = ± .03					
.X = ± .1					
ANGLES = 30°/30'					
CAD FILES	38005-S	ADAPTER, 400 PSI FEMALE SIL-BRAZE TO STRAIGHT THREAD			
OPF	J.G.	07/07/97			
CHK	P.S.	10/21/97			
DES			SIZE	CODE IDENT NO.	DWG NO.
OTHER ACTIVITY APPD			B	21392	38005-S
PREECE APPD	K.CHING	10/21/97	SCALE	2/1	RLSE DATE
					REV LTR
					A
					SHEET 1 OF 1

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REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 6314	10/21/97	K.C.
A	REVISED PER EO 6377	12/12/97	<i>PC</i>

TABLE 1: ADAPTER MATERIAL

1ST DASH NUMBER	DESCRIPTION
-1	CRES 304
-2	CRES 316
-5	MONEL PER QQ-N-281
-6	70-30 COPPER-NICKEL PER MIL-C-15726
-7	90-10 COPPER-NICKEL PER MIL-C-15726

TABLE 2: PIPE SIZE

2ND DASH NUMBER	PIPE SIZE	ØA +.000 -.002	F
-04	1/4	.539	.781
-06	3/8	.674	.828
-08	1/2	.839	.890
-12	3/4	1.049	1.060
-16	1	1.314	1.190
-20	1 1/4	1.659	1.440
-24	1 1/2	1.899	1.560
-32	2	2.374	1.750

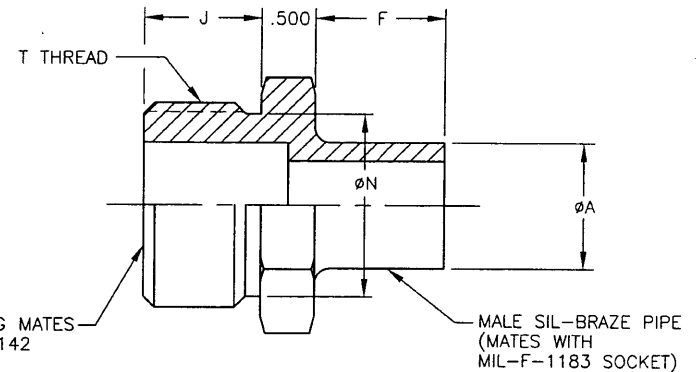


TABLE 3: THREAD SIZE

3RD DASH NUMBER	T THREAD	J ±.005	N +.002 -.003
-02	5/16-24UNF-2A	.297	.250
-03	3/8-24UNF-2A	.297	.313
-04	7/16-20UNF-2A	.360	.364
-05	1/2-20UNF-2A	.360	.427
-06	9/16-18UNF-2A	.391	.482
-08	3/4-16UNF-2A	.438	.660
-10	7/8-14UNF-2A	.500	.773
-12	1 1/16-12UN -2A	.594	.945
-14	1 3/16-12UN -2A	.594	1.070
-16	1 5/16-12UN -2A	.594	1.195
-20	1 5/8-12UN -2A	.594	1.507
-24	1 7/8-12UN -2A	.594	1.756
-32	2 1/2-12UN -2A	.594	2.381

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SAMPLE PART NUMBER

38006-2-08-16

BASIC PART NUMBER

MATERIAL DESIGNATION (TABLE 1)

THREAD SIZE MATES WITH MS16142 (TABLE 3)

NOMINAL PIPE SIZE (TABLE 2)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		PREECE INC. 11 CHRYSLER IRVINE, CA 92618		DECCA VALVE S A DIVISION OF PREECE INC.	
CAD FILES 38006S		ADAPTER, 400 PSI STRAIGHT THREAD TO MALE SIL-BRAZE			
DPT J.G. 07/15/97	CHK P.S. 10/21/97	SIZE B	CODE IDENT NO. 21392	DWG NO. 38006-S	REV LTR A
OTHER ACTIVITY APPD		SCALE 1/1		RLSE DATE	
PREECE APPD K. CHING 10/21/97		SHEET 1 OF 1			

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REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 6313	10/21/97	K.C.
A	REVISED PER EO 6378	12/12/97	K.C.
B	REVISED PER EO 12893	2/8/11	[Signature]

TABLE 1: ADAPTER MATERIAL

1ST DASH NO.	DESCRIPTION
-1	CRES 304
-2	CRES 316
-5	MONEL PER QQ-N-281
-6	70-30 COPPER-NICKEL PER MIL-C-15726
-7	90-10 COPPER-NICKEL PER MIL-C-15726

TABLE 2: 37° FLARE

3RD DASH NUMBER	NOM TUBE OD	Z THREAD	ØF + .002 - .003	P ± .015
-02	1/8	5/16-24UNF-2A	.250	.448
-03	3/16	3/8-24UNF-2A	.313	.479
-04	1/4	7/16-20UNF-2A	.364	.550
-05	5/16	1/2-20UNF-2A	.427	.550
-06	3/8	9/16-18UNF-2A	.482	.556
-08	1/2	3/4-16UNF-2A	.660	.657
-10	5/8	7/8-14UNF-2A	.773	.758
-12	3/4	1 1/16-12UN -2A	.945	.864
-14	7/8	1 3/16-12UN -2A	1.070	.890
-16	1	1 5/16-12UN -2A	1.195	.911
-20	1 1/4	1 5/8-12UN -2A	1.507	.958
-24	1 1/2	1 7/8-12UN -2A	1.756	1.083
-32	2	2 1/2-12UN -2A	2.381	1.333

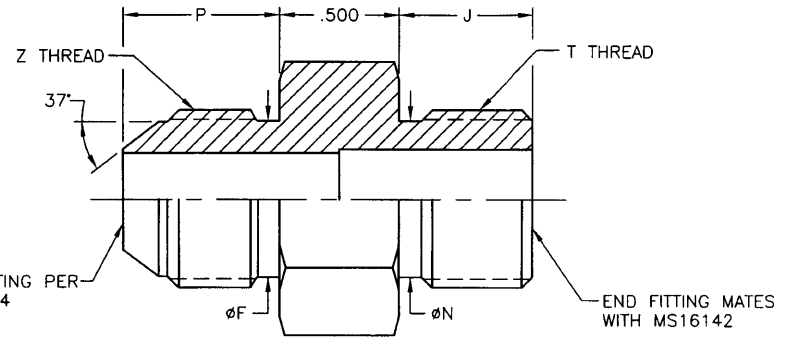


TABLE 3: THREAD SIZE

2ND DASH NUMBER	T THREAD	J ± .005	N + .002 - .003
-02	5/16-24UNF-2A	.297	.250
-03	3/8-24UNF-2A	.297	.313
-04	7/16-20UNF-2A	.360	.364
-05	1/2-20UNF-2A	.360	.427
-06	9/16-18UNF-2A	.391	.482
-08	3/4-16UNF-2A	.438	.660
-10	7/8-14UNF-2A	.500	.773
-12	1 1/16-12UN -2A	.594	.945
-14	1 3/16-12UN -2A	.594	1.070
-16	1 5/16-12UN -2A	.594	1.195
-20	1 5/8-12UN -2A	.594	1.507
-24	1 7/8-12UN -2A	.594	1.756
-32	2 1/2-12UN -2A	.594	2.381

MASTER

SAMPLE PART NUMBER
38007-1-04-06

BASIC PART NO. [] 37° FLARE PER SAE J514 (TABLE 2)
MATERIAL DESIGNATION [] MATES WITH MS16142 (TABLE 3)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES .XXX = ± .010 .XX = ± .005 .X = ± .001 ANGLES = ± 0°30'		PI PREECE INC. 11 CHRYSLER IRVINE, CA 92618		DECCA VALVE 3 A DIVISION OF PREECE INC.	
CAD FILES	38007S	ADAPTER, 3000 PSI MALE 37° FLARE TO STRAIGHT THREAD			
DFT	J.G.	07/15/97	SIZE	CODE IDENT NO.	DWG NO.
CHK	P.S.	10/21/97	B	21392	38007-S
DES			OTHER ACTIVITY APPD		REV LTR
PREECE APPD	K. CHING	10/21/97	SCALE	2/1	RLSE DATE
					SHEET 1 OF 1

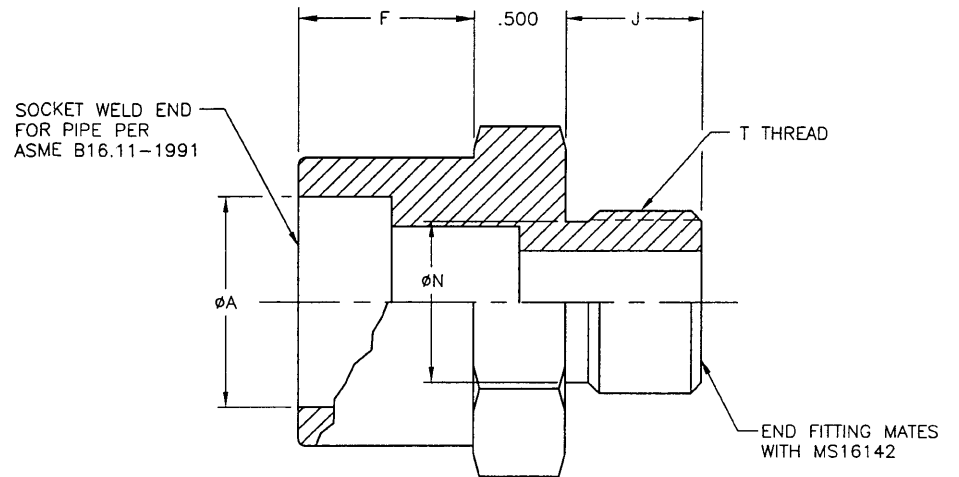
1ST DASH NO.	DESCRIPTION
-1	CRES 304
-2	CRES 316
-5	MONEL PER QQ-N-281
-6	70-30 COPPER-NICKEL PER MIL-C-15726
-7	90-10 COPPER-NICKEL PER MIL-C-15726

2ND DASH NUMBER	NOM PIPE SIZE	ϕA $\pm .010$	F $\pm .010$
-02	1/8	.430	.535
-04	1/4	.565	.535
-06	3/8	.700	.535
-08	1/2	.865	.600
-12	3/4	1.075	.890
-16	1	1.340	.890
-20	1 1/4	1.685	.890
-24	1 1/2	1.925	.890
-32	2	2.416	1.200

3RD DASH NUMBER	T THREAD	J $\pm .005$	N $+ .002$ $- .003$
-02	5/16-24UNF-2A	.297	.250
-03	3/8 -24UNF-2A	.297	.313
-04	7/16-20UNF-2A	.360	.364
-05	1/2 -20UNF-2A	.360	.427
-06	9/16-18UNF-2A	.391	.482
-08	3/4 -16UNF-2A	.438	.660
-10	7/8 -14UNF-2A	.500	.773
-12	1 1/16-12UN -2A	.594	.945
-14	1 3/16-12UN -2A	.594	1.070
-16	1 5/16-12UN -2A	.594	1.195
-20	1 5/8 -12UN -2A	.594	1.507
-24	1 7/8 -12UN -2A	.594	1.756
-32	2 1/2 -12UN -2A	.594	2.381

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REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE PER EO 6311	10/21/97	K.C.
A	REVISED PER EO 6379	12/2/97	<i>[Signature]</i>



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SAMPLE PART NUMBER
38008-1-08-10

BASIC PART NUMBER
MATERIAL DESIGNATION (TABLE 1)
THREAD SIZE MATES WITH MS16142 (TABLE 3)
PIPE SIZE (TABLE 2)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES .XX = $\pm .010$.X = $\pm .03$ X = $\pm .1$ ANGLES = 30°/30°		 PREECE INC. 11 CHRYSLER IRVINE, CA 92618  A DIVISION OF PREECE INC.	
CAD FILES	38008-S	ADAPTER, CLASS 3000 PSI SOCKET WELD TO STRAIGHT THREAD	
BY J.G.	07/07/97	SIZE B	CODE IDENT NO. 21392
CHK P.S.	10/21/97	DWG NO. 38008-S	REV LTR A
DES		SCALE 2/1	RLSE DATE
OTHER ACTIVITY APPD		SHEET 1 OF 1	
PREECE APPD K. CHING	10/21/97		