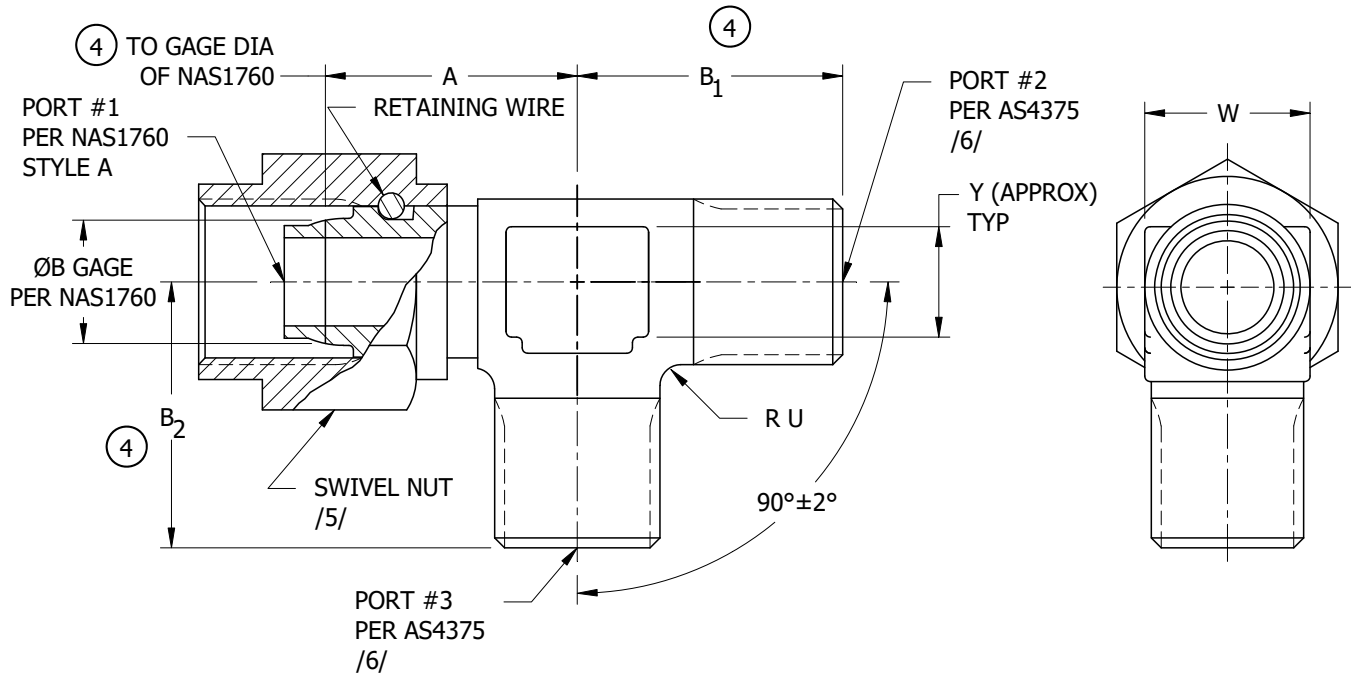


FED. SUPPLY CLASS

4730



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TABLE I – LEG LENGTHS FOR PORT #1

FORGING SIZE	A								
	TUBE SIZES FOR PORT #1								
	04	05	06	08	10	12	16	20	24
04	.745	--	--	--	--	--	--	--	--
05	.790	.842	--	--	--	--	--	--	--
06	.847	.899	.960	--	--	--	--	--	--
08	.932	.984	1.045	1.143	--	--	--	--	--
10	1.057	1.109	1.170	1.268	1.348	--	--	--	--
12	1.119	1.171	1.232	1.330	1.410	1.398	--	--	--
16	1.244	1.296	1.357	1.454	1.533	1.522	1.590	--	--
20	1.401	1.453	1.514	1.611	1.690	1.679	1.727	1.810	--
24	1.526	1.578	1.639	1.736	1.815	1.804	1.852	1.935	2.112

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NOTED

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	TEE, REDUCER, FLARELESS TUBE TO SWIVEL, SWIVEL ON RUN

REVISION	4
CLASSIFICATION PART STANDARD	NAS1763 SHEET 1 OF 4

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 12-01

REVISION DATE: MARCH 31, 2017

ISSUE DATE: OCTOBER 1973

④ TABLE II – LEG LENGTHS FOR PORT #2 AND #3, AND DIMENSIONS

FORGING SIZE	B ₁ , B ₂									U RADIUS	W	Y
	TUBE SIZES FOR PORTS #2 AND #3											
	04	05	06	08	10	12	16	20	24			
04	.883	--	--	--	--	--	--	--	--	.062	.438	.25
05	.799	.914	--	--	--	--	--	--	--	.062	.500	.31
06	.861	.861	1.003	--	--	--	--	--	--	.094	.563	.38
08	.955	.955	.971	1.204	--	--	--	--	--	.094	.750	.50
10	1.049	1.049	1.065	1.158	1.380	--	--	--	--	.125	.875	.63
12	1.142	1.142	1.158	1.251	1.314	1.560	--	--	--	.125	1.063	.75
16	1.267	1.267	1.283	1.376	1.439	1.502	1.684	--	--	.125	1.312	1.00
20	1.424	1.424	1.440	1.533	1.596	1.659	1.659	1.903	--	.125	1.625	1.25
24	1.549	1.549	1.565	1.658	1.721	1.784	1.784	1.784	2.028	.125	1.875	1.50

MATERIAL:

BODY: STEEL - 4130 (UNS G41300) PER ~~MIL-S-6758~~ AMS-S-6758
 ALUMINUM - 2014-T6 (UNS A92014) OR 7075-T73 (UNS A97075) PER AMS-QQ-A-367;
 2024-T6, -T62 OR -T851 (UNS A92024) PER AMS-QQ-A-225/6; OR 7075-T73 (UNS A97075) PER
 AMS-QQ-A-225/9
 ④ CRES - 304 (UNS S30400), 316 (UNS S31600), OR 347 (UNS S34700) PER AMS-QQ-S-763
 TITANIUM - 6AL-4V (UNS R56400) PER ~~MIL-T-9047~~ AMS-T-9047 COND A AMS6931 OR AMS4928

NUT: STEEL - 4130 (UNS G41300) PER ~~MIL-S-6758~~ AMS-S-6758; 1137 (UNS G11370); OR 1141 (UNS
 G11410) PER ASTM A108
 ALUMINUM - 2014-T6 (UNS A92014) OR 7075-T73 (UNS A97075) PER AMS-QQ-A-367;
 2024-T6, -T62 OR -T851 (UNS A92024) PER AMS-QQ-A-225/6; OR 7075-T73 (UNS A97075) PER
 AMS-QQ-A-225/9
 ④ CRES - 304 (UNS S30400), 316 (UNS S31600), OR 347 (UNS S34700) PER AMS-QQ-S-763
 TITANIUM - 6AL-4V (UNS R56400) PER ~~MIL-T-9047~~ AMS-T-9047 COND A AMS6931 OR AMS4928

RETAINING WIRE: CRES - 302 (UNS S30200) ANNEALED PER ASTM A493 OR 305 (UNS S30500) PER
~~AMS5685~~ AS5685 ④

HEAT TREATMENT:

SEE PROCUREMENT SPECIFICATION.

FINISH:

④ ALLOY STEEL - CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
 CRES - PASSIVATE PER AMS2700, METHOD 1, CLASS 4
 ALUMINUM ALLOY - ANODIZE PER MIL-A-8625, AS SPECIFIED IN AS18280.
 TITANIUM ALLOY - FLUORIDE CONVERSION COAT PER AMS2486

MARKING:

PER AS18280 EXCEPT NAME, TRADEMARK OR FEDERAL CODE IDENTIFICATION OF FORGING SOURCE
 SHALL BE INCLUDED. OMISSION OF THE LETTERS "MS" ON THE PART SHALL NOT BE CAUSE FOR
 REJECTION.

REVISION

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NAS1763

SHEET 2

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