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REV.
D

AS21926™

FEDERAL SUPPLY CLASS
4730

RATIONALE

ADD NOTE: "WHEN MACHINED FROM BAR OR OVERSIZE FORGING, THE CENTER BODY DIMENSIONS SHALL CONFORM TO AS1376, TABLE 1." "INACTIVE" REMOVED FROM MATERIAL CODE "S" AND REPLACED BY EXPLANATORY NOTE /17D/. UPDATE PROCUREMENT SPECIFICATION NOTE TO CURRENT VERBIAGE.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS21926 AND RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

PROCUREMENT OF MS21926 PART NUMBERS TO THIS "AS" STANDARD MAY RESULT IN LOSS OF CONFIGURATION CONTROL WHERE DIFFERENCES IN THE CANCELLED MIL-F-18280 AND THE SUPERSEDING AS18280 PROCUREMENT SPECIFICATIONS EXIST.

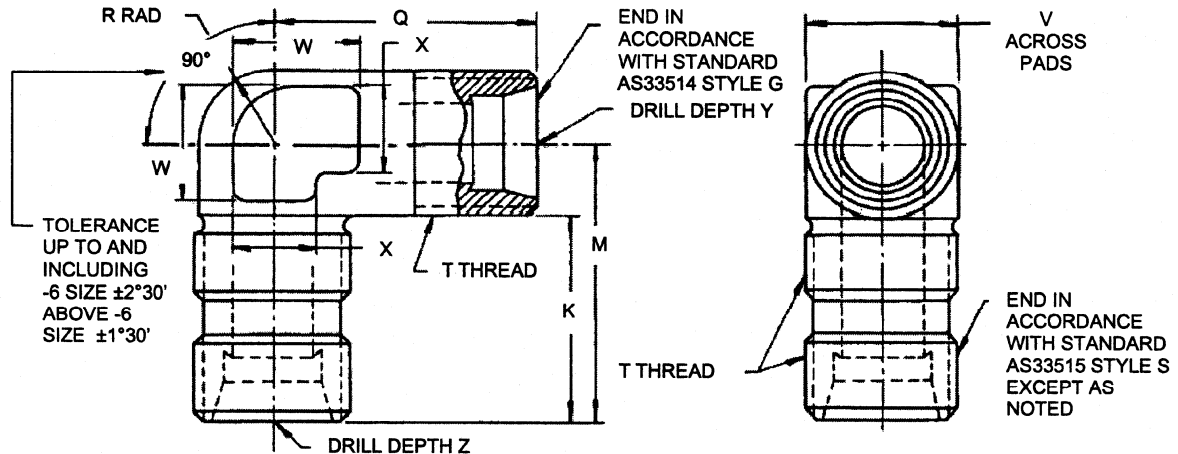


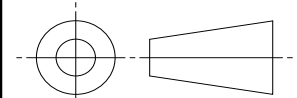
FIGURE 1 - ELBOW, 90° UNIVERSAL, FLARELESS TUBE, LOW PROFILE

TABLE 1A - DIMENSIONS K-R

DASH NO. /5/	NOMINAL TUBE SIZE REF	(T) THREAD SIZE AS8879	K MIN	M +.047 -.000	Q +.047 -.000	R
-4	.250	.4375-20 UNJF-3A	.810	1.070	.940	.218
-5	.313	.5000-20 UNJF-3A	.810	1.100	1.030	.250
-6	.375	.5625-18 UNJF-3A	.850	1.180	1.060	.281
-8	.500	.7500-16 UNJF-3A	1.010	1.440	1.310	.375
-10	.625	.8750-14 UNJF-3A	1.140	1.650	1.500	.437
-12	.750	1.0625-12 UNJ-3A	1.250	1.870	1.620	.531
-16	1.000	1.3125-12 UNJ-3A	1.250	2.000	1.720	.656
-20	1.250	1.6250-12 UNJ-3A	1.250	2.150	2.000	.812

For more information on this standard, visit
<https://www.sae.org/standards/content/AS21926D/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /10/



AEROSPACE STANDARD

ELBOW, 90° UNIVERSAL, FLARELESS TUBE,
LOW PROFILE

AS21926™
SHEET 1 OF 3

REV.
D

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TABLE 1B - DIMENSIONS V-Z

DASH NO. /5/	V	W APPROX	X APPROX	Y +.047 -.000	Z +.047 -.000	WEIGHT, LB/EA, APPROX, REF		
						STEEL	AL ALLOY	TI ALLOY
-4	.437	.375	.250	.969	1.100	.065	.023	.037
-5	.500	.500	.312	1.062	1.130	.071	.026	.040
-6	.562	.500	.312	1.094	1.210	.087	.032	.050
-8	.750	.625	.438	1.344	1.470	.240	.075	.117
-10	.875	.750	.438	1.562	1.740	.297	.109	.171
-12	1.060	.875	.500	1.719	1.980	.469	.172	.270
-16	1.310	1.062	.625	1.812	2.100	.625	.229	.360
-20	1.620	1.250	.750	2.125	2.280	1.142	.419	.658

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

1. MATERIAL:

REFER TO PROCUREMENT SPECIFICATION.
ALLOY STEEL
ALUMINUM ALLOY
CORROSION RESISTANT STEEL
TITANIUM ALLOY

2. FINISH: REFER TO PROCUREMENT SPECIFICATION.

3. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.

4. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .016$, ANGLES $\pm 0^{\circ}30'$.

/5/ PART NUMBERS:

MATERIAL CODE DASH "-" IN PART NUMBER FOR 4130 ALLOY STEEL
ADD MATERIAL CODE "V(SIZE)P" IN PLACE OF DASH FOR CORROSION RESISTANT STEEL (15-5PH), CADMIUM PLATED
ADD MATERIAL CODE "V" IN PLACE OF DASH FOR CORROSION RESISTANT STEEL (15-5PH), NOT CADMIUM PLATED
ADD MATERIAL CODE "D" IN PLACE OF DASH FOR ALUMINUM ALLOY (2014)
ADD MATERIAL CODE "W" IN PLACE OF DASH FOR ALUMINUM ALLOY (7075)
ADD MATERIAL CODE "J" IN PLACE OF DASH FOR CORROSION RESISTANT STEEL (TYPE 304)
ADD MATERIAL CODE "K" IN PLACE OF DASH FOR CORROSION RESISTANT STEEL (TYPE 316)
ADD MATERIAL CODE "R" AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL (TYPE 321)
ADD MATERIAL CODE "S" AFTER DASH NUMBER FOR CORROSION RESISTANT STEEL (TYPE 347). /17D/
ADD MATERIAL CODE "T" AFTER DASH NUMBER FOR TITANIUM ALLOY (6AL-4V)

EXAMPLES OF PART NUMBERS:

MS21926-4 ELBOW, .250 TUBING, 4130 ALLOY STEEL
MS21926V4P ELBOW, .250 TUBING, CORROSION RESISTANT STEEL (15-5PH), CADMIUM PLATED. SEE TABLE 2 /17A/
MS21926V4 ELBOW, .250 TUBING, CORROSION RESISTANT STEEL (15-5PH), NOT CADMIUM PLATED
MS21926D4 ELBOW, .250 TUBING, ALUMINUM ALLOY (2014) SEE TABLE 2 /17C/
MS21926W4 ELBOW, .250 TUBING, ALUMINUM ALLOY (7075)
MS21926J4 ELBOW, .250 TUBING, CORROSION RESISTANT STEEL (TYPE 304)
MS21926K4 ELBOW, .250 TUBING, CORROSION RESISTANT STEEL (TYPE 316)
MS21926-4R ELBOW, .250 TUBING, CORROSION RESISTANT STEEL (TYPE 321)
MS21926-4S ELBOW, .250 TUBING, CORROSION RESISTANT STEEL (TYPE 347) REPLACED SEE TABLE 2 /17D/
MS21926-4T ELBOW, .250 TUBING, TITANIUM ALLOY (6AL-4V)

6. PART MARKING: REFER TO PROCUREMENT SPECIFICATION.

7. DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982.

	AEROSPACE STANDARD		AS21926™ SHEET 2 OF 3	REV. D
	ELBOW, 90° UNIVERSAL, FLARELESS TUBE, LOW PROFILE			