

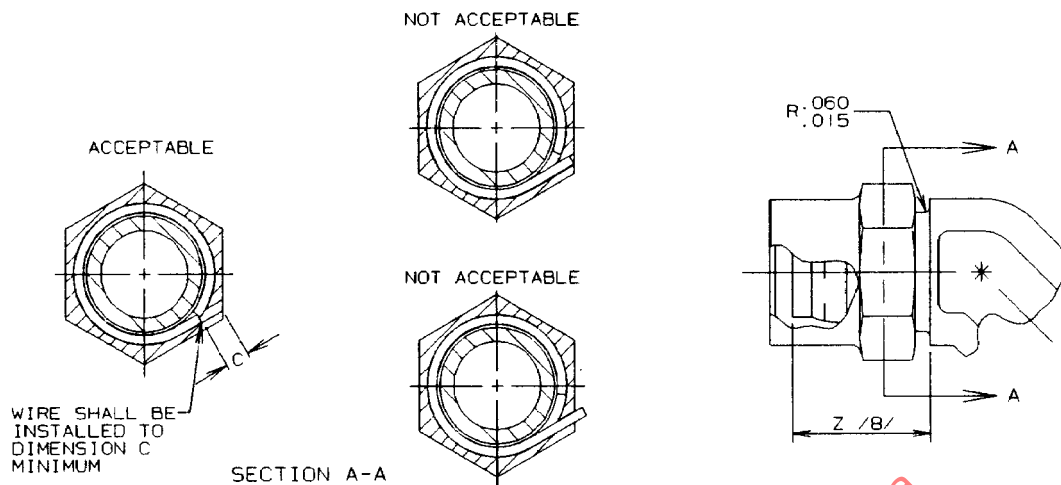


FIGURE 2 - INSTALLATION, SWIVEL NUT RETAINING WIRE

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS4137 /22/ SIZE CODE	H MIN	J	LB/EA MAX CRES	LB/EA MAX TI
04	.050	.390	.050	.028
05	.050	.453	.064	.036
06	.050	.453	.076	.043
08	.050	.577	.134	.075
10	.070	.702	.208	.117
12	.080	.890	.326	.183
16	.090	1.140	.492	.276
20	.110	1.390	.794	.446
24	.130	1.640	1.148	.645

REV.
A

AS4137

TABLE 2 - FITTING END

SIZE CODE	TUBE OD	T THREAD PER AS8879	C /16/	D	E	Z
04	.250	.4375-20UNJF	.045	.371	.350	.600
05	.313	.5000-20UNJF	.045	.371	.412	.660
06	.375	.5625-18UNJF	.055	.379	.453	.730
08	.500	.7500-16UNJF	.063	.461	.577	.845
10	.625	.8750-14UNJF	.063	.511	.702	.940
12	.750	1.0625-12UNJ	.095	.556	.890	.975
16	1.000	1.3125-12UNJ	.125	.556	1.140	1.160
20	1.250	1.6250-12UNJ	.155	.556	1.390	1.190
24	1.500	1.8750-12UNJ	.180	.556	1.640	---

TABLE 3 - LEG LENGTH A

FORGING SIZE	04	05	06	08	10	12	16	20	24
04	.581	---	---	---	---	---	---	---	---
05	.607	.659	---	---	---	---	---	---	---
06	.629	.681	.742	---	---	---	---	---	---
08	.658	.710	.771	.869	---	---	---	---	---
10	.715	.767	.828	.926	1.006	---	---	---	---
12	.723	.775	.836	.934	1.014	1.002	---	---	---
16	.788	.840	.901	.998	1.077	1.066	1.114	---	---
20	.853	.905	.966	1.063	1.142	1.131	1.179	1.262	---
24	.950	.957	1.018	1.115	1.194	1.183	1.231	1.314	1.491

TABLE 4 - LEG LENGTH B

FORGING SIZE	04	05	06	08	10	12	16	20	24
04	.703	---	---	---	---	---	---	---	---
05	.616	.719	---	---	---	---	---	---	---
06	.643	.659	.770	---	---	---	---	---	---
08	.681	.697	.697	.916	---	---	---	---	---
10	.707	.723	.723	.816	1.026	---	---	---	---
12	.746	.762	.762	.855	.918	1.148	---	---	---
16	.811	.811	.827	.920	.983	1.046	1.213	---	---
20	.876	.876	.892	.985	1.048	1.111	1.111	1.278	---
24	.928	.928	.944	1.037	1.100	1.163	1.163	1.163	1.330

REV. A	NOTES: /1/ MATERIAL: a. CODE LETTER J: (1) BODY: TYPE 304 CORROSION RESISTANT STEEL PER AMS 5639 (2) NUT: CODE LETTER J OF AS1790 (TYPE 304 CORROSION RESISTANT STEEL) (3) WIRE: PER AS1791 (CLASS 302 OR 305 CORROSION RESISTANT STEEL) b. CODE LETTER T: (1) BODY: TYPE 6AL4V TITANIUM ALLOY PER AMS 4928 (2) NUT: CODE LETTER T OF AS1790 (TYPE 6AL4V TITANIUM ALLOY) (3) WIRE: PER AS1791 (CLASS 302 OR 305 CORROSION RESISTANT STEEL) c. CODE LETTER V: (1) BODY: TYPE 15-5PH CORROSION RESISTANT STEEL PER AMS 5659 (2) NUT: CODE LETTER V OF AS1790 (TYPE 15-5PH CORROSION RESISTANT STEEL) (3) WIRE: PER AS1791 (CLASS 302 OR 305 CORROSION RESISTANT STEEL) 2. HEAT TREATMENT: a. MATERIAL CODE LETTER J: (1) BODY, NUT AND WIRE: NONE b. MATERIAL CODE LETTER T: (1) BODY, NUT AND WIRE: NONE c. MATERIAL CODE LETTER V: (1) BODY: HEAT TREAT TO CONDITION H-1075 PER AMS 2759/3 (2) NUT: MATERIAL CODE LETTER V OF AS1790 (HEAT TREAT TO CONDITION H-1075) (3) WIRE: NONE /3/ FINISH: a. MATERIAL CODE LETTER J: (1) BODY: PASSIVATE PER AMS-QQ-P-35 TYPE VI OR TYPE VII AND COAT WITH DRY FILM LUBRICANT PER MIL-PRF-46010, TYPE I /7/ (2) NUT: CODE LETTER J SUFFIX CODE N OF AS1790 (PASSIVATE WITH DRY FILM LUBRICANT ON ID) (3) WIRE: PER AS1791 (PASSIVATE AND COAT WITH DRY FILM LUBRICANT) b. MATERIAL CODE LETTER T: (1) BODY: FLUORIDE PHOSPHATE CONVERSION COAT PER AMS 2486 AND DRY FILM LUBRICANT PER MIL-PRF-46010 TYPE I /7/ (2) NUT: CODE LETTER T WITH SUFFIX CODE N OF AS1790 (FLUORIDE PHOSPHATE CONVERSION COAT AND DRY FILM LUBRICANT ON ID) (3) WIRE: PER AS1791 (PASSIVATE AND COAT WITH DRY FILM LUBRICANT) c. MATERIAL CODE LETTER V: (1) BODY: (a) NO SUFFIX FINISH CODE LETTER: PASSIVATE PER AMS-QQ-P-35, TYPE II OR TYPE VIII AND DRY FILM LUBRICANT PER MIL-PRF-46010 TYPE I /7/ (b) SUFFIX FINISH CODE LETTER P; CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2 (2) NUT: (a) NO SUFFIX FINISH CODE LETTER; CODE LETTER V AND SUFFIX CODE N OF AS1790 (PASSIVATE AND COAT WITH DRY FILM LUBRICANT ON ID)	AS4137
 An SAE International Group AEROSPACE STANDARD ELBOW, 45°, SWIVEL, REDUCED BODY, FLARELESS AS4137 SHEET 4 OF 6 REV. A		