

FED. SUPPLY CLASS

5315

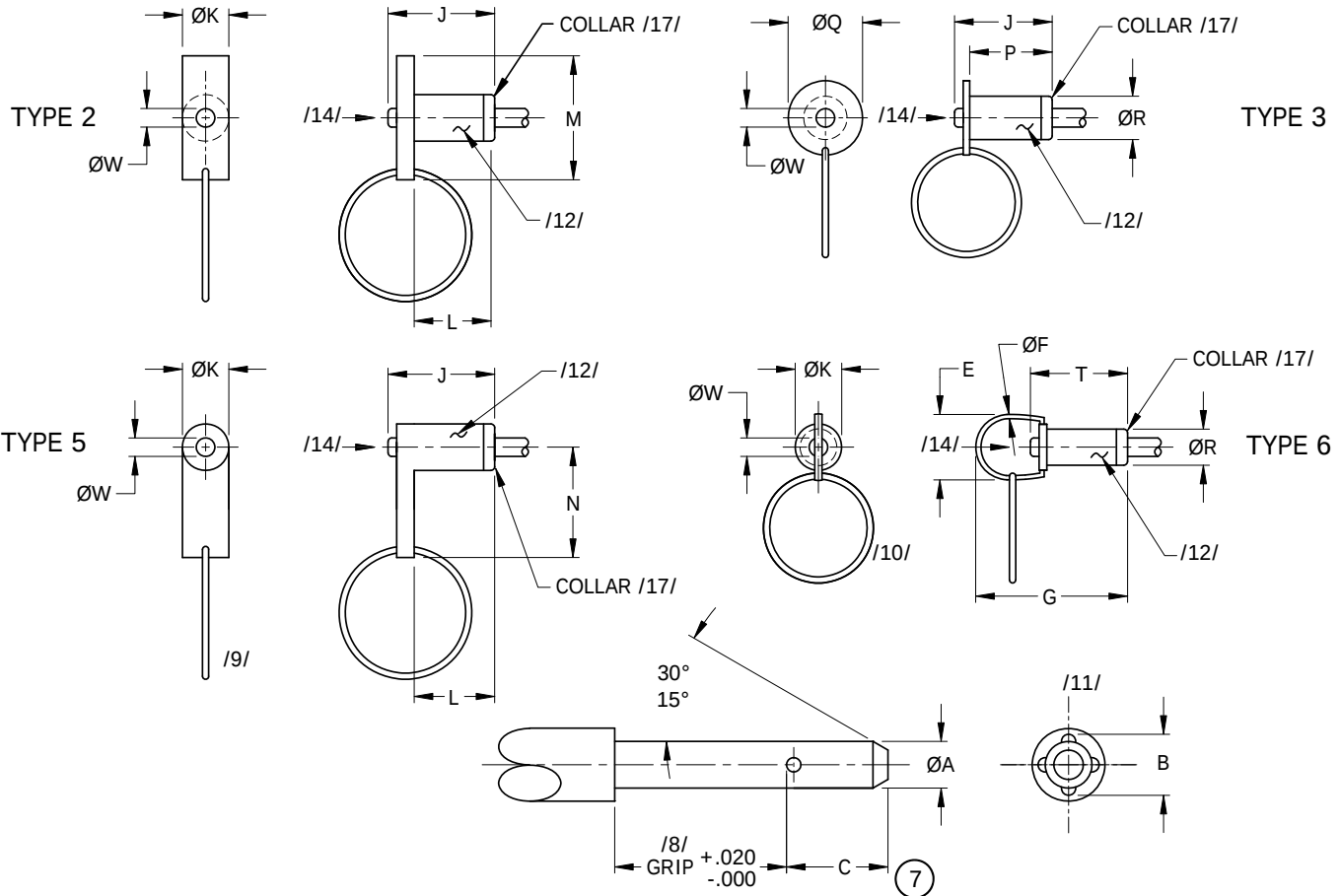


TABLE I – DIMENSIONS AND STRENGTH VALUES

BASIC PART NO.	NOM DIA /18/	DIMENSIONS																		DOUBLE SHEAR LBF MIN/16/	
		ØA		B	C	E	ØF	G	J	ØK	L	M		N	P	ØQ	ØR	T	ØW	STEEL	CRES
		MAX	MIN	±.005	MAX	MIN	MIN	MAX	MAX	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MAX	MAX	MIN		
NAS1333	.1875	.1885	.1870	.220	.380	1.060	.080	2.520	1.580	.750	.740	2.000	1.750	1.780	.290	1.200	.700	1.490	.160	4,600	5,150
NAS1334	.2500	.2485	.2470	.289	.380	1.060	.080	2.520	1.580	.750	.740	2.000	1.750	1.780	.480	1.200	.700	1.490	.250	8,200	9,200
NAS1335	.3125	.3110	.3095	.375	.400	1.060	.080	2.520	1.580	.750	.740	2.000	1.750	1.780	.480	1.200	.700	1.490	.250	12,800	14,400
NAS1336	.3750	.3735	.3720	.440	.490	1.060	.080	2.520	1.580	.750	.740	2.065	1.750	1.780	.620	1.200	.700	1.490	.300	18,400	20,700
NAS1337	.4375	.4360	.4345	.509	.490	1.090	.080	2.630	1.580	.750	.810	2.250	1.935	1.870	.620	1.400	.940	1.580	.300	25,000	28,500
NAS1338	.5000	.4985	.4970	.594	.530	1.160	.080	2.630	1.820	.950	.810	2.500	2.200	2.000	.720	1.400	.940	1.580	.430	32,800	36,900
NAS1339	.5625	.5610	.5595	.666	.600	1.160	.080	2.630	1.820	.950	.810	2.500	2.200	2.000	.950	1.650	.940	1.580	.430	41,600	46,700
NAS1340	.6250	.6235	.6220	.750	.650	1.240	.120	2.930	1.820	1.150	.880	3.100	2.250	2.550	.950	1.700	.940	1.840	.450	51,400	57,800
NAS1341	.7500	.7485	.7470	.887	.780	1.640	.120	3.080	1.820	1.150	.930	3.100	2.250	2.550	1.140	1.900	1.060	1.990	.570	74,000	83,200
NAS1342	.8750	.8735	.8720	1.046	.890	1.640	.120	3.270	2.170	1.500	1.120	3.520	2.750	2.950	1.270	2.250	1.300	2.190	.700	100,000	112,500
NAS1343	1.000	.9985	.9970	1.219	1.000	1.640	.120	3.720	2.170	1.500	1.130	3.520	2.750	2.950	1.490	2.250	1.330	2.450	.750	131,000	147,200
NAS1344	THESE NUMBERS RESERVED FOR FUTURE ASSIGNMENT TO SIZES ABOVE Ø1.000.																				
NAS1345																					
NAS1346																					

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 7
PROCUREMENT SPECIFICATION NAS1332	TITLE PIN, QUICK RELEASE, POSITIVE LOCKING, SINGLE ACTING	CLASSIFICATION PART STANDARD NAS1333 THRU NAS1346
		SHEET 1 OF 4

MATERIALS:

CORROSION RESISTANT STEEL (CRES) PINS

ATTACHING LINK OR RING:

CRES 17-7PH (UNS S17700) WITH SPRING TEMPER PER AMS5678 OR
CRES 302 (UNS S30200) PER ASTM A313/A313M

COLLAR:

CRES 301 (UNS S30100), CRES 302 (UNS S30200), CRES 303 (UNS 30300), OR
CRES 304 (UNS S30400), ALL PER ASTM A484/A484M, ASTM A581/A581M, ASTM A582/A582M, ASTM
A240/A240M, AMS5513, AMS5516 OR AMS5640

HANDLE, HEAD, AND BUTTON:

ALUMINUM ALLOY 380 (UNS A30800) PER ASTM B85/A85M,
ALUMINUM ALLOY 2011 (UNS A92011) PER AMS-QQ-A-225/3 OR ASTM B211,
ALUMINUM ALLOY 2017 (UNS A92017) PER AMS-QQ-A-225/5,
ALUMINUM ALLOY 2024 (UNS A92024) PER AMS-QQ-A-225/6 OR ASTM B221,
ALUMINUM ALLOY 6061 (UNS A96061) PER AMS-QQ-A-200/8, AMS-QQ-A-225/8 OR ASTM B221,
ALUMINUM ALLOY 7075 (UNS A97075) PER AMS-QQ-A-225/9, OR
CRES 303 (UNS S30300) PER ASTM A484/A484M, ASTM A581/A581M, ASTM A582/A582M OR AMS5640

LOCKING ELEMENTS:

CRES CL440C (UNS S44004) PER AMS5630, AMS5880, AMS-QQ-S-763 OR ~~MIL-B-1083~~ ASTM F2215. (7)

SHANK AND SPINDLE:

CRES 17-4PH (UNS S17400) PER AMS5643, CRES 15-5PH (UNS S15500) PER AMS5659 OR PH 15-7MO (UNS
S15700) PER AMS5520 OR AMS5657, CRES 17-7PH (UNS S17700) PER AMS5568

SPRING:

CRES 17-7PH (UNS S17700) WITH TEMPER PER AMS5678 OR CRES 302 (UNS S30200) CLASS 1 PER ASTM A
313/A 313M

ALLOY STEEL PINS - ALLOY STEEL PINS INACTIVE FOR DESIGN AFTER SEPTEMBER 30 2004. FOR DESCRIPTION OF
STATUS NOTES SEE NAS380

ATTACHING LINK OR RING:

MUSIC WIRE 1086 (UNS G10860) PER ASTM A228/A228M,
CRES 17-7PH (UNS S17700) WITH SPRING TEMPER PER AMS5678, OR
CRES 302 (UNS S30200) PER ASTM A313/A313M

COLLAR:

(7) CARBON STEEL PER ASTM A108, ASTM A366/A366M OR ASTM A1008/A1008M,
CRES 301 (UNS S30100), CRES 302 (UNS S30200), CRES 303 (UNS S30300) OR CRES 304 (UNS S30400), ALL
PER ASTM A484/A484M, ASTM A581/A581M, ASTM A582/582M, ASTM A240/A240M, AMS5513, AMS5516 OR
AMS5640

HANDLE, HEAD AND BUTTON:

ALUMINUM ALLOY 380 (UNS A30800) PER ASTM B85/B85M,
ALUMINUM ALLOY 2011 (UNS A92011) PER AMS-QQ-A-225/3 OR ASTM B 211,
ALUMINUM ALLOY 2017 (UNS A92017) PER AMS-QQ-A-225/5,
ALUMINUM ALLOY 2024 (UNS A92024) PER AMS-QQ-A-225/6 OR ASTM B221,
ALUMINUM ALLOY 6061 (UNS A96061) PER AMS-QQ-A-200/8, AMS-QQ-A-225/8, OR
ASTM B 221 OR CARBON STEEL PER ASTM A108

LOCKING ELEMENTS:

CRES CL440C (UNS S44004) PER AMS5630, AMS5880, AMS-QQ-S-763 OR ~~MIL-B-1083~~ ASTM F2215. (7)

REVISION

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NAS1333 THRU
NAS1346
SHEET 2



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