

FED. SUPPLY CLASS

5315

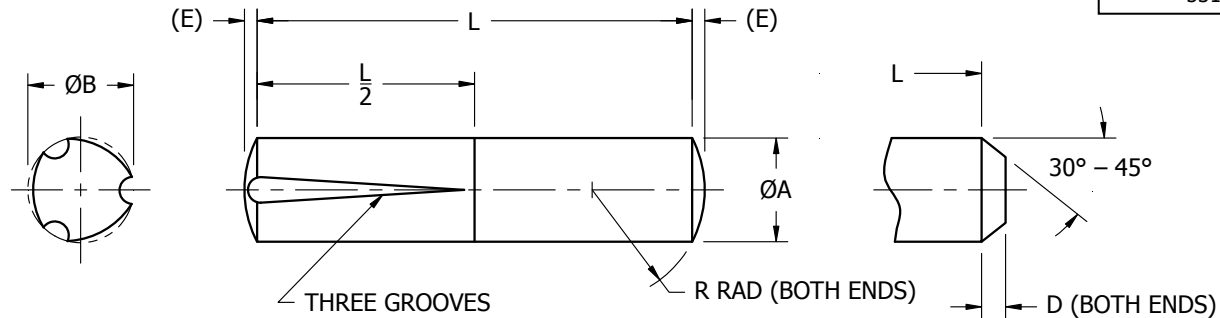


TABLE I – DIMENSIONS

ØA		D CHAMFER LENGTH MIN /1/	(E) CROWN HEIGHT /1/	R RADIUS ±.010	RECOMMENDED HOLE SIZE DRIVE FIT		SINGLE SHEAR STRENGTH LBF MIN
					MAX	MIN	
.0469	+.0000 -.0010	—	—	—	.0482	.0469	150
.0625		.016	.0065	.078	.0640	.0625	270
.0781		.016	.0087	.094	.0798	.0781	430
.0938		.016	.0091	.125	.0956	.0938	620
.1250	+.0000 -.0020	.016	.0130	.156	.1271	.1250	1,100
.1563		.031	.0170	.188	.1587	.1563	1,720
.1875		.031	.0180	.250	.1903	.1875	2,480
.2188		.031	.0220	.281	.2219	.2188	3,380
.2500		.031	.0260	.312	.2534	.2500	4,420

MATERIAL:

CRES, 300 SERIES (AUSTENITIC STEEL) ~~FED-STD-66~~ AIR4127. MINIMUM ULTIMATE SHEAR STRENGTH, 90 KSI.

FINISH:

PASSIVATED IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.

CODE:

THE PART NUMBER CONSISTS OF THE BASIC PART NUMBER, PLUS THE DASH NUMBER FROM TABLE II.

EXAMPLE OF PART NUMBER:

MS51605-1

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS51605, REVISION B. PART NUMBERS REMAIN MS51605.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM20700	TITLE PIN, GROOVED, HEADLESS, HALF LENGTH TAPER GROOVE, CRES ①	CLASSIFICATION PART STANDARD NASM51605
		SHEET 1 OF 2

NOTES:

- /1/ ENDS MAY BE CROWNED, CHAMFERED OR MAY BE SQUARE WITH R .01 TO .02 ON THE EDGES.
- (2) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (3) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (4) "ØB" IS THE EXPANDED DIAMETER AS MEASURED WITH A GO NO-GO RING GAGE MADE TO Z TOLERANCES.
- (5) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (6) THIS ITEM SERVES AS A DOWEL PIN IN APPLICATIONS WITH A HOLE.
- (7) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (8) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

TABLE II – LENGTH DASH NUMBERS

L LENGTH ±.010	ØA																	
	.0469		.0625		.0781		.0938		.1250		.1563		.1875		.2188		.2500	
	DASH NO.	ØB ±.001	DASH NO.	ØB ±.001	DASH NO.	ØB ±.001	DASH NO.	ØB ±.001	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002	DASH NO.	ØB ±.002
.500	1	.050	3	.066	8	.082	13	.099	19	.132	26	.164	33	.195	40	.227	47	.260
.625	2	.050	4	.066	9	.082	14	.099	20	.132	27	.164	34	.195	41	.227	48	.260
.750	–	–	5	.066	10	.082	15	.099	21	.132	28	.164	35	.195	42	.227	49	.260
.875	–	–	6	.066	11	.082	16	.099	22	.132	29	.164	36	.195	43	.227	50	.260
1.000	–	–	7	.066	12	.082	17	.099	23	.132	30	.164	37	.195	44	.227	51	.260
1.250	–	–	–	–	–	–	18	.099	24	.132	31	.164	38	.195	45	.227	52	.260
1.500	–	–	–	–	–	–	–	–	25	.132	32	.164	39	.195	46	.227	53	.260

① COMPLETELY REVISED

REVISION
1
NAS
SHEET 2

