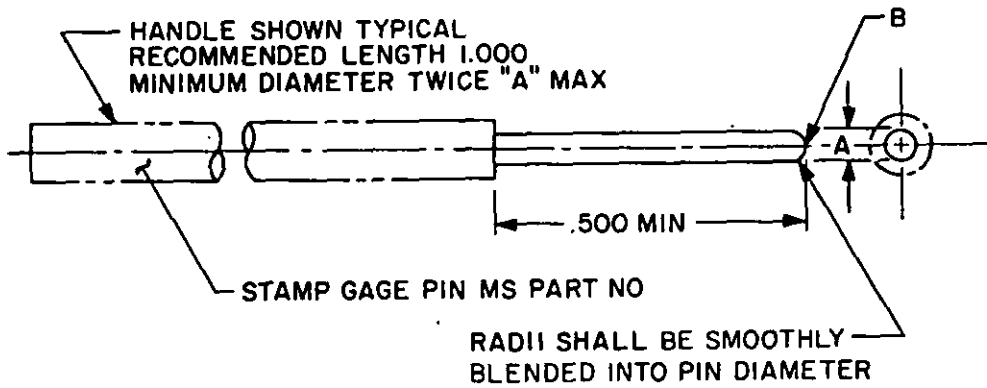


Reviewer activities: Army CR, MI, AR, ME User activities: Army
Navy AS, SH Navy
Air Force II, 17, 99 Air Force
DLA-ES

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.



APPROVED 28 JUNE 1961 REVISED (F) 30 MAY 79 (G) 15 JULY 1983

P.A. NAVY-AS	International Interest	TITLE GAGE PIN FOR SOCKET CONTACT ENGAGEMENT TEST	MILITARY STANDARD
Other Cust ARMY-CR AF-85			MS 3197
Procurement Specification NONE		SUPERSEDES:	PAGE 1 OF 2

Reviewer activities: Army CR, MI, P, ME
Navy AS, SH
Air Force II, 17, 99
DLA - ES

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

Dash No.	Contact size	A		B	Gage pin material
		Min .0001 -.0000	Max +.0000 -.0001	Max flat	
-24X	24	.0245			
-24Y					
-23X	23	.0260		.007	Tool Steel or Tungsten Carbide
-23Y		.0275			
-22X	22	.0295			
-22Y		.0305			
-20X	20	.0390			
-20Y		.0410			
-16X	16	.0615		.015	
-16Y		.0635			
-12X	12	.0930			
-12Y		.0950			
-10X	10	.1240			
-10Y		.1260			
-8X	8	.1410			Tungsten Carbide
-8Y		.1430			
-6X	6	.1770		.030	
-6Y		.1790			
-4X	4	.2240			
-4Y		.2260			
-2X	2	.2820			
-2Y		.2840			
-0X	0	.3560			
-0Y		.3580			
-4/0X	4/0	.4990		.060	
-4/0Y		.5010			

(G)

INCHES	MM	INCHES	MM
.0001	.002	.1240	3.150
.007	.18	.1260	3.200
.015	.38	.1410	3.581
.0245	.622	.1430	3.632
.0255	.648	.1770	4.496
.0260	.660	.1790	4.547
.0275	.699	.2240	5.690
.0295	.749	.2260	5.740
.030	.76	.2820	7.163
.0305	.775	.2840	7.214
.0390	.991	.3560	9.042
.0410	1.041	.3580	9.093
.060	1.52	.4990	12.675
.0615	1.562	.500	12.70
.0635	1.613	.5010	12.725
.0930	2.362	1.000	25.4
.0950	2.413		

(G)

NOTES:

- Dimensions are in inches.
- Material: Gage pin, as shown in table; handle, optional.
- Finish: 6 to 10 microinches root mean square determined in accordance with ANSI B46.1.
- Plating: None.
- These gages are intended for use with electric connector socket contacts in accordance with MIL-C-39029 and other specifications referencing this document.

For design purposes this standard takes precedence over procurement documents referenced herein. Referenced documents shall be of the issue in effect on date of invitations for bid.

P.A. NAVY-AS	International interest	TITLE GAGE PIN FOR SOCKET CONTACT ENGAGEMENT TEST	MILITARY STANDARD
Other Cust ARMY-CR AF-85			MS 3197
Procurement symbol		SUPERSEDES:	PAGE 2 OF 2

APPROVED 28 June 1961 REVISED (G) For chgs see pgs 1 and 2 15 JULY 1983