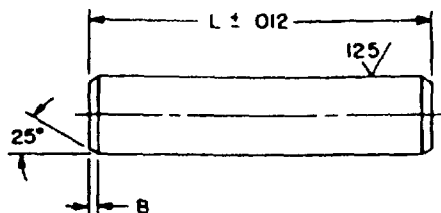


FED SUP CLASS
5315

B, RADIUS

OPTIONAL
DESIGN

D DIA	NOM	1/16		3/32		1/8		5/32		3/16	
	MAX	.0628		.0940		.1255		.1567		.1880	
	MIN	.0622		.0934		.1245		.1557		.1870	
B $\pm .010$.015		.015		.015		.015		.015	
L LENGTH	DASH NUMBER										
	PLAIN	PHOS	PLAIN	PHOS	PLAIN	PHOS	PLAIN	PHOS	PLAIN	PHOS.	
188	1	11	21	41							
.250	2	12	22	42							
.312	3	13	23	43	63	83					
.375	4	14	24	44	64	84					
.438	5	15	25	45	65	85	105	125			
.500	6	16	26	46	66	86	106	126			
.562	7	17	27	47	67	87	107	127	147	167	
.625	8	18	28	48	68	88	108	128	148	168	
.688			29	49	69	89	109	129	149	169	
.750			30	50	70	90	110	130	150	170	
.812			31	51	71	91	111	131	151	171	
.875			32	52	72	92	112	132	152	172	
.938					73	93	113	133	153	173	
1 000					74	94	114	134	154	174	
1 125					75	95	115	135	155	175	
1 250							116	136	156	176	
1 375							117	137	157	177	
1 500									158	178	
1 625									159	179	
1 750									160	180	

For additional sizes and notes see sheet 2

P A WC
Other Cust

TITLE

PIN, STRAIGHT, STEEL - DRILL ROD

MILITARY STANDARD

MS51838 (WC)

PROCUREMENT SPECIFICATION
NoneSUPERSEDES: REPA REPA REPA REPA REPA
REPA REPA

SHEET 1 OF 2

APPROVED 18 SEP 1987 REVISED

This military standard is approved by the Weapons Command, Department of the Army and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable

DD FORM 672-1 (Rev. 10-1-80)

PREPARED BY: MFG DIVISION

This military standard is approved by the Weapons Command, Department of the Army and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable

REVIEWER: AV, MI, MU, WC
USER: AF, EL, CL, ME

FED SUP CLASS 5315											
		1/4		5/16		3/8		7/16		1/2	
D DIA	NOM										
	MAX	.2505		.3130		.3755		.4380		.501	
	MIN	.2495		.3120		.3745		.4370		.499	
B CHAMFER		015		030		030		030		030	
L LENGTH		DASH NUMBER									
		PLAIN	PHOS	PLAIN	PHOS	PLAIN	PHOS	PLAIN	PHOS	PLAIN	PHOS
	750	190	210								
	812	191	211								
	875	192	212	232	252						
	938	193	213	233	253						
	1 000	194	214	234	254	274	294	314	334	354	374
	1 125	195	215	235	255	275	295	315	335	355	375
	1 250	196	216	236	256	276	296	316	336	356	376
	1 375	197	217	237	257	277	297	317	337	357	377
	1 500	198	218	238	258	278	298	318	338	358	378
	1 625	199	219	239	259	279	299	319	339	359	379
	1 750	200	220	240	260	280	300	320	340	360	380
	1 875	201	221	241	261	281	301	321	341	361	381
	2 000	202	222	242	262	282	302	322	342	362	382
	2 125			243	263	283	303	323	343	363	383
	2 250			244	264	284	304	324	344	364	384

NOTES

- 1 MATERIAL Steel, drill rod, in accordance with QQ-T-580, Class W1-12, or AISI 1090, 1095 or 50100 in accordance with FED STD No 66
- 2 PROTECTIVE COATING Phosphate coated in accordance with MIL-P-16232 Type 2 Class 2
- 3 DIMENSIONS All dimensions are in inches unless otherwise specified
- 4 PART NUMBER The MS part number consists of the MS number plus the dash number
Example MS51838-1
- 5 Referenced documents shall be of the issue in effect on the date of invitations for bid
- 6 For design feature purposes, this standard takes precedence over procurement documents referenced herein

P A Other Cust	TITLE PIN, STRAIGHT, STEEL-DRILL ROD	MILITARY STANDARD MS51838 (WC)
PROCUREMENT SPECIFICATION None	SUPersedes FED SPEC 100A 100B 100C 100D 100E 100F 100G 100H 100I 100J 100K 100L 100M 100N 100O 100P 100Q 100R 100S 100T 100U 100V 100W 100X 100Y 100Z 100AA 100AB 100AC 100AD 100AE 100AF 100AG 100AH 100AI 100AJ 100AK 100AL 100AM 100AN 100AO 100AP 100AQ 100AR 100AS 100AT 100AU 100AV 100AW 100AX 100AY 100AZ 100BA 100BB 100BC 100BD 100BE 100BF 100BG 100BH 100BI 100BJ 100BK 100BL 100BM 100BN 100BO 100BP 100BQ 100BR 100BS 100BT 100BU 100BV 100BW 100BX 100BY 100BZ 100CA 100CB 100CC 100CD 100CE 100CF 100CG 100CH 100CI 100CJ 100CK 100CL 100CM 100CN 100CO 100CP 100CQ 100CR 100CS 100CT 100CU 100CV 100CW 100CX 100CY 100CZ 100DA 100DB 100DC 100DD 100DE 100DF 100DG 100DH 100DI 100DJ 100DK 100DL 100DM 100DN 100DO 100DP 100DQ 100DR 100DS 100DT 100DU 100DV 100DW 100DX 100DY 100DZ 100EA 100EB 100EC 100ED 100EE 100EF 100EG 100EH 100EI 100EJ 100EK 100EL 100EM 100EN 100EO 100EP 100EQ 100ER 100ES 100ET 100EU 100EV 100EW 100EX 100EY 100EZ 100FA 100FB 100FC 100FD 100FE 100FF 100FG 100FH 100FI 100FJ 100FK 100FL 100FM 100FN 100FO 100FP 100FQ 100FR 100FS 100FT 100FU 100FV 100FW 100FX 100FY 100FZ 100GA 100GB 100GC 100GD 100GE 100GF 100GG 100GH 100GI 100GJ 100GK 100GL 100GM 100GN 100GO 100GP 100GQ 100GR 100GS 100GT 100GU 100GV 100GW 100GX 100GY 100GZ 100HA 100HB 100HC 100HD 100HE 100HF 100HG 100HH 100HI 100HJ 100HK 100HL 100HM 100HN 100HO 100HP 100HQ 100HR 100HS 100HT 100HU 100HV 100HW 100HX 100HY 100HZ 100IA 100IB 100IC 100ID 100IE 100IF 100IG 100IH 100II 100IJ 100IK 100IL 100IM 100IN 100IO 100IP 100IQ 100IR 100IS 100IT 100IU 100IV 100IW 100IX 100IY 100IZ 100JA 100JB 100JC 100JD 100JE 100JF 100JG 100JH 100JI 100JJ 100JK 100JL 100JM 100JN 100JO 100JP 100JQ 100JR 100JS 100JT 100JU 100JV 100JW 100JX 100JY 100JZ 100KA 100KB 100KC 100KD 100KE 100KF 100KG 100KH 100KI 100KJ 100KK 100KL 100KM 100KN 100KO 100KP 100KQ 100KR 100KS 100KT 100KU 100KV 100KW 100KX 100KY 100KZ 100LA 100LB 100LC 100LD 100LE 100LF 100LG 100LH 100LI 100LJ 100LK 100LL 100LM 100LN 100LO 100LP 100LQ 100LR 100LS 100LT 100LU 100LV 100LW 100LX 100LY 100LZ 100MA 100MB 100MC 100MD 100ME 100MF 100MG 100MH 100MI 100MJ 100MK 100ML 100MM 100MN 100MO 100MP 100MQ 100MR 100MS 100MT 100MU 100MV 100MW 100MX 100MY 100MZ 100NA 100NB 100NC 100ND 100NE 100NF 100NG 100NH 100NI 100NJ 100NK 100NL 100NM 100NO 100NP 100NQ 100NR 100NS 100NT 100NU 100NV 100NW 100NX 100NY 100NZ 100OA 100OB 100OC 100OD 100OE 100OF 100OG 100OH 100OI 100OJ 100OK 100OL 100OM 100ON 100OO 100OP 100OQ 100OR 100OS 100OT 100OU 100OV 100OW 100OX 100OY 100OZ 100PA 100PB 100PC 100PD 100PE 100PF 100PG 100PH 100PI 100PJ 100PK 100PL 100PM 100PN 100PO 100PP 100PQ 100PR 100PS 100PT 100PU 100PV 100PW 100PX 100PY 100PZ 100QA 100QB 100QC 100QD 100QE 100QF 100QG 100QH 100QI 100QJ 100QK 100QL 100QM 100QN 100QO 100QP 100QQ 100QR 100QS 100QT 100QU 100QV 100QW 100QX 100QY 100QZ 100RA 100RB 100RC 100RD 100RE 100RF 100RG 100RH 100RI 100RJ 100RK 100RL 100RM 100RN 100RO 100RP 100RQ 100RR 100RS 100RT 100RU 100RV 100RW 100RX 100RY 100RZ 100SA 100SB 100SC 100SD 100SE 100SF 100SG 100SH 100SI 100SJ 100SK 100SL 100SM 100SN 100SO 100SP 100SQ 100SR 100SS 100ST 100SU 100SV 100SW 100SX 100SY 100SZ 100TA 100TB 100TC 100TD 100TE 100TF 100TG 100TH 100TI 100TJ 100TK 100TL 100TM 100TN 100TO 100TP 100TQ 100TR 100TS 100TT 100TU 100TV 100TW 100TX 100TY 100TZ 100UA 100UB 100UC 100UD 100UE 100UF 100UG 100UH 100UI 100UJ 100UK 100UL 100UM 100UN 100UO 100UP 100UQ 100UR 100US 100UT 100UU 100UV 100UW 100UX 100UY 100UZ 100VA 100VB 100VC 100VD 100VE 100VF 100VG 100VH 100VI 100VJ 100VK 100VL 100VM 100VN 100VO 100VP 100VQ 100VR 100VS 100VT 100VU 100VV 100VW 100VX 100VY 100VZ 100WA 100WB 100WC 100WD 100WE 100WF 100WG 100WH 100WI 100WJ 100WK 100WL 100WM 100WN 100WO 100WP 100WQ 100WR 100WS 100WT 100WU 100WV 100WW 100WX 100WY 100WZ 100XA 100XB 100XC 100XD 100XE 100XF 100XG 100XH 100XI 100XJ 100XK 100XL 100XM 100XN 100XO 100XP 100XQ 100XR 100XS 100XT 100XU 100XV 100XW 100XX 100XY 100XZ 100YA 100YB 100YC 100YD 100YE 100YF 100YG 100YH 100YI 100YJ 100YK 100YL 100YM 100YN 100YO 100YP 100YQ 100YR 100YS 100YT 100YU 100YV 100YW 100YX 100YY 100YZ 100ZA 100ZB 100ZC 100ZD 100ZE 100ZF 100ZG 100ZH 100ZI 100ZJ 100ZK 100ZL 100ZM 100ZN 100ZO 100ZP 100ZQ 100ZR 100ZS 100ZT 100ZU 100ZV 100ZW 100ZX 100ZY 100ZZ	

APPROVED 19 SEP 1967 REVISED