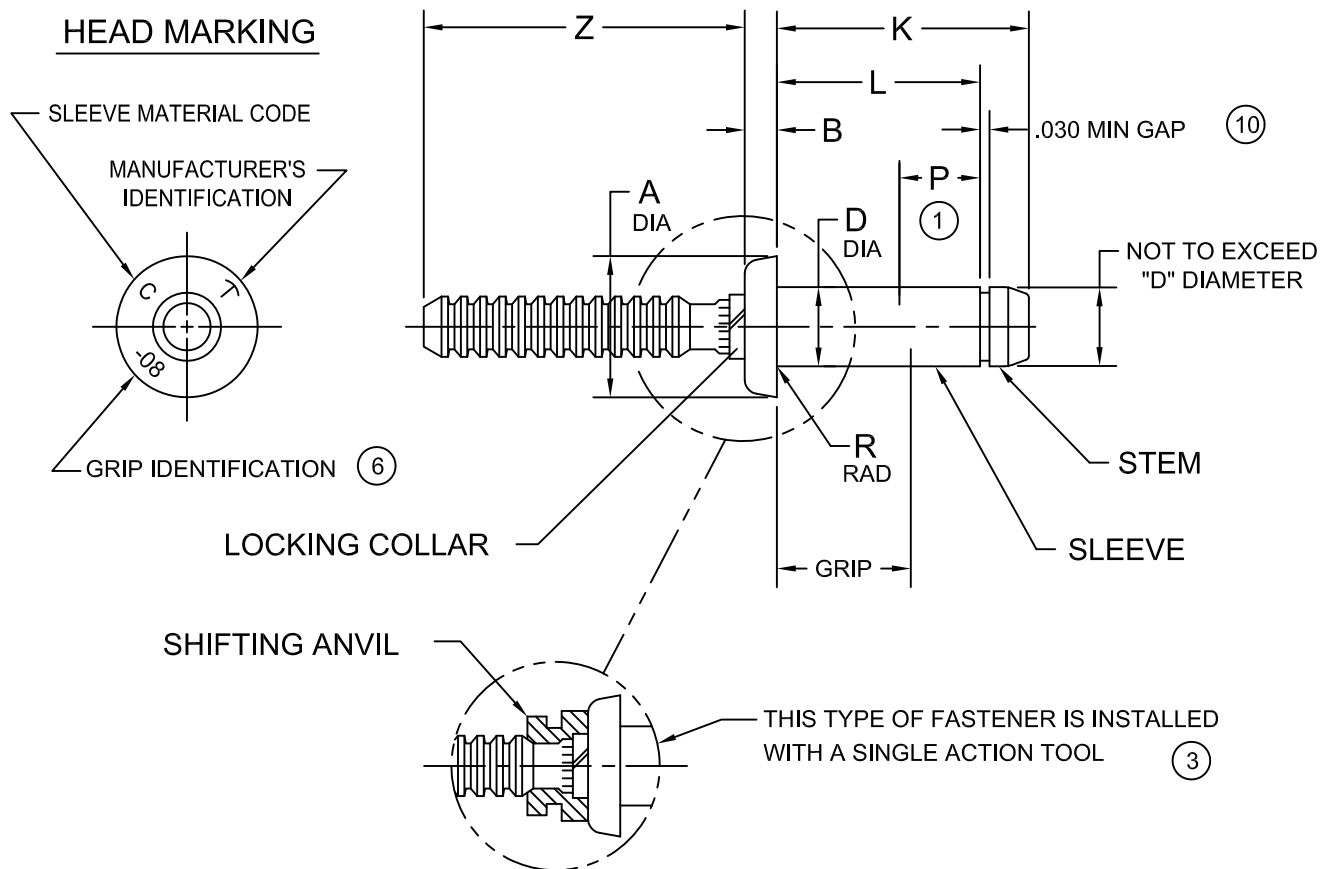




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DIA DASH NO.		A	B	D ±.001	P MAX	R MAX	Z MIN	HOLE LIMITS	INSTALLED STRENGTH	
									SINGLE SHEAR MINIMUM (LBS)	TENSILE MINIMUM (LBS)
--	S04	.215 .197	.060 .054	.128	.190	.010	.812	.132 .129	1222	675
-05	S05	.272 .250	.070 .062	.163	.215	.010	.844	.167 .164	1980	1150
-06	S06	.332 .305	.135 .125	.198	.250	.015	.875	.202 .199	2925	1690
--	-08	.432 .400	.140 .130	.259	.305	.018	1.000	.263 .260	5000	2900
--	-10	.522 .480	.141 .131	.311	.350	.021	1.218	.315 .312	7200	4170
--	-12	.627 .580	.205 .195	.373	.405	.025	1.562	.377 .374	10380	5970

MEETS MS21141

NOTICE : ALL DIMENSIONS ARE IN INCHES AND APPLY AFTER FINISH AND BEFORE LUBRICATION UNLESS OTHERWISE SPECIFIED.

WARNING : FASTENERS MAY NOT PERFORM PROPERLY IF ALTERED FROM THE MANUFACTURER'S AS-SHIPED CONDITION OR INSTALLED IN CONDITIONS OTHER THAN SPECIFIED HEREIN.

PROCUREMENT SPECIFICATION :

NASM8975 (5)

NAS 523 CODE :

CHERRY MAXIBOLT™
STAINLESS STEEL BLIND BOLT
PROTRUDING HEAD

SHEET 1 OF 4

PART NUMBER

ISSUE 08-18-89

REV. AB 12-20-11

CR7621

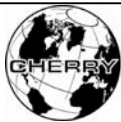


GRIP DASH NO.	GRIP LIMITS 1/16 RANGE		04 DIA		05 DIA		06 DIA		08 DIA		10 DIA		12 DIA	
			L	K	L	K	L	K	L	K	L	K	L	K
	MIN	MAX	REF	MAX	REF	MAX	REF	MAX	REF	MAX	REF	MAX	REF	MAX
-01	.031	.095	.191	.299	.217	.372	---	---	---	---	---	---	---	---
-02	.094	.157	.254	.361	.280	.434	.303	.479	.344	.553	.381	.618	.423	.695
-03	.156	.220	.316	.423	.342	.496	.365	.541	.406	.616	.443	.680	.485	.757
-04	.219	.282	.379	.486	.405	.559	.428	.604	.469	.678	.506	.743	.548	.820
-05	.281	.345	.441	.548	.467	.622	.490	.666	.531	.740	.568	.805	.610	.883
-06	.344	.407	.504	.611	.530	.684	.553	.729	.594	.803	.631	.868	.673	.945
-07	.406	.470	.566	.673	.592	.746	.615	.791	.656	.866	.693	.930	.735	1.007
-08	.469	.532	.629	.736	.655	.809	.678	.854	.719	.928	.756	.993	.798	1.070
-09	.531	.595	.691	.798	.717	.872	.740	.916	.781	.990	.818	1.055	.860	1.133
-10	.594	.657	---	---	.780	.934	.803	.979	.844	1.053	.881	1.118	.923	1.195
-11	.656	.720	---	---	.842	.996	.865	1.041	.906	1.116	.943	1.180	.985	1.257
-12	.719	.782	---	---	.905	1.059	.928	1.104	.969	1.178	1.006	1.243	1.048	1.320
-13	.781	.845	---	---	.967	1.122	.990	1.166	1.031	1.240	1.068	1.305	1.110	1.383
-14	.844	.907	---	---	1.030	1.184	1.053	1.229	1.094	1.303	1.131	1.368	1.173	1.445
-15	.906	.970	---	---	1.092	1.246	1.115	1.291	1.156	1.366	1.193	1.430	1.235	1.507
-16	.969	1.032	---	---	1.155	1.309	1.178	1.354	1.219	1.428	1.256	1.493	1.298	1.570
-17	1.031	1.095	---	---	1.217	1.372	1.241	1.417	---	---	---	---	1.360	1.633
-18	1.094	1.157	---	---	---	---	1.304	1.480	---	---	---	---	1.423	1.695
-19	1.156	1.220	---	---	---	---	---	---	---	---	---	---	1.485	1.758
-20	1.219	1.282	---	---	---	---	---	---	---	---	---	---	1.548	1.820
-21	1.281	1.345	---	---	---	---	---	---	---	---	---	---	1.610	1.883
-22	1.344	1.407	---	---	---	---	---	---	---	---	---	---	1.673	1.945

NOTES:

- ① THIS LENGTH OF "D" DIAMETER MAY BE .002 UNDERSIZE.
- ② MATERIAL DESIGNATION REFERS TO CHEMICAL COMPOSITION ONLY.
- ③ -05 AND -06 DIA FASTENERS ARE INSTALLED WITH A DOUBLE ACTION (SHIFTING) TOOL; S04 DIA, S05 DIA, S06 DIA, -08 DIA, -10 DIA, AND -12 DIA FASTENERS ARE INSTALLED WITH A SINGLE ACTION (NON-SHIFTING) TOOL AND ARE SUPPLIED WITH SHIFTING ANVIL. SHIFTING ANVIL IS SOLID OR SPLIT, MFG'S OPTION.
4. SIZES BELOW HEAVY LINE ARE SPECIAL ORDER ONLY.
- ⑤ THIS PRODUCT MEETS THE REQUIREMENTS OF MS21141 FOR "-" AND "S" CODE PARTS, EXCEPT FOR "D" AND "DN" FINISH CODES. NASM8975 APPLIES WITH THE FOLLOWING CONSIDERATION: LOAD RATE FOR TESTING SPINDLE RETENTION OF -04 DIA = 700 lbs/MINUTE.
- ⑥ SINGLE DIGIT HEAD MARKING IS PERMISSIBLE FOR GRIP DASH NUMBERS LESS THAN 10.
- ⑦ LUBRICANTS MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR PERFORMANCE, UNLESS PROHIBITED BY THE GOVERNING SPECIFICATION. WHEN LUBRICATED, LUBRICANTS SHALL BE CETYL ALCOHOL IN ACCORDANCE WITH MIL-L-87132, MOLYBDENUM DISULFIDE TYPE 1 PER AS5272 (CHEMISTRY ONLY) OR DOD-L-85645.
- ⑧ SHIFTING ANVIL OR SERRATED PORTION OF STEM DYED GREEN FOR THE S05 AND S06 DIAMETERS ONLY.
- ⑨ OPTIONAL TO USE INCONEL 600 PER AMS 5687 (NO FINISH REQUIREMENT) ON -04 DIA LOCK COLLARS ONLY.
- ⑩ REQUIRED ON -05 DIAMETER AND LARGER WITH "NONE" OR "P" FINISH CODE.

SHEET 2 OF 4		PART NUMBER	
ISSUE	08-18-89	CR7621	
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FINISH CODE	MATERIAL ②			FINISH			LUBE
	SLEEVE	STEM	LOCK COLLAR ⑨	SLEEVE	STEM ⑧	LOCK COLLAR ⑨	
NONE	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS 5690	PASSIVATE AMS2700	PASSIVATE AMS2700	PASSIVATE AMS2700	OPTIONAL ⑦
D	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS 5690	ALUMINUM COAT MIL-C-83488	PASSIVATE AMS2700	PASSIVATE AMS2700	OPTIONAL ⑦
DL	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS 5690	PASSIVATE AMS2700	PASSIVATE AMS2700	PASSIVATE AMS2700	NONE OR DICRONITE DL-5
DN	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS 5690	ALUMINUM COAT MIL-C-83488	PASSIVATE AMS2700	PASSIVATE AMS2700	NONE
N	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS 5690	PASSIVATE AMS2700	PASSIVATE AMS2700	PASSIVATE AMS2700	NONE
P	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS 5690	CAD. PLATE QQ-P-416 TYPE II CLEAR DICHROMATE, CLASS 2	PASSIVATE AMS2700	PASSIVATE AMS2700	OPTIONAL ⑦
PDL	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS 5690	CAD. PLATE QQ-P-416 TYPE II CLEAR DICHROMATE, CLASS 2	PASSIVATE AMS2700	PASSIVATE AMS2700	NONE OR DICRONITE DL-5



EXAMPLE OF CHERRY PART NUMBER :

CR7621 - 06 -04 P = 3/16 NOMINAL DIAMETER CHERRY MAXIBOLT BLIND BOLT,
.219 MIN. GRIP, .282 MAX. GRIP, WITH CADMIUM PLATING.
EQUIVALENT TO MS21141-0604P.

FINISH CODE

GRIP DASH NUMBER (MID. GRIP IN 1/16" INCREMENTS)

DIAMETER DASH NUMBER

"-" DENOTES FASTENER INSTALLED WITH A DOUBLE
ACTION TOOL FOR DIAMETERS 05 AND 06.

"-" DENOTES FASTENER INSTALLED WITH A SINGLE ACTION
TOOL FOR DIAMETERS 08, 10, 12 AND SUPPLIED WITH
SHIFTING ANVIL.

"S-" DENOTES FASTENER INSTALLED WITH A SINGLE ACTION TOOL FOR
DIAMETERS 04, 05 AND 06 AND SUPPLIED WITH SHIFTING ANVIL.

BASIC PART NUMBER (MATERIALS AND HEAD STYLE)

SHEET 4 OF 4			PART NUMBER
ISSUE	08-18-89		CR7621
REV.	AB	12-20-11	



STANDARDS PAGE REVISION LOG

REV LTR	DATE	DCR NUMBER	REVISION DESCRIPTION	COMP. BY
AB	12-20-11	11-1329	ADDED -06 DIA GRIPS -17 AND -18 "L" AND "K" DIMENSIONS	CM