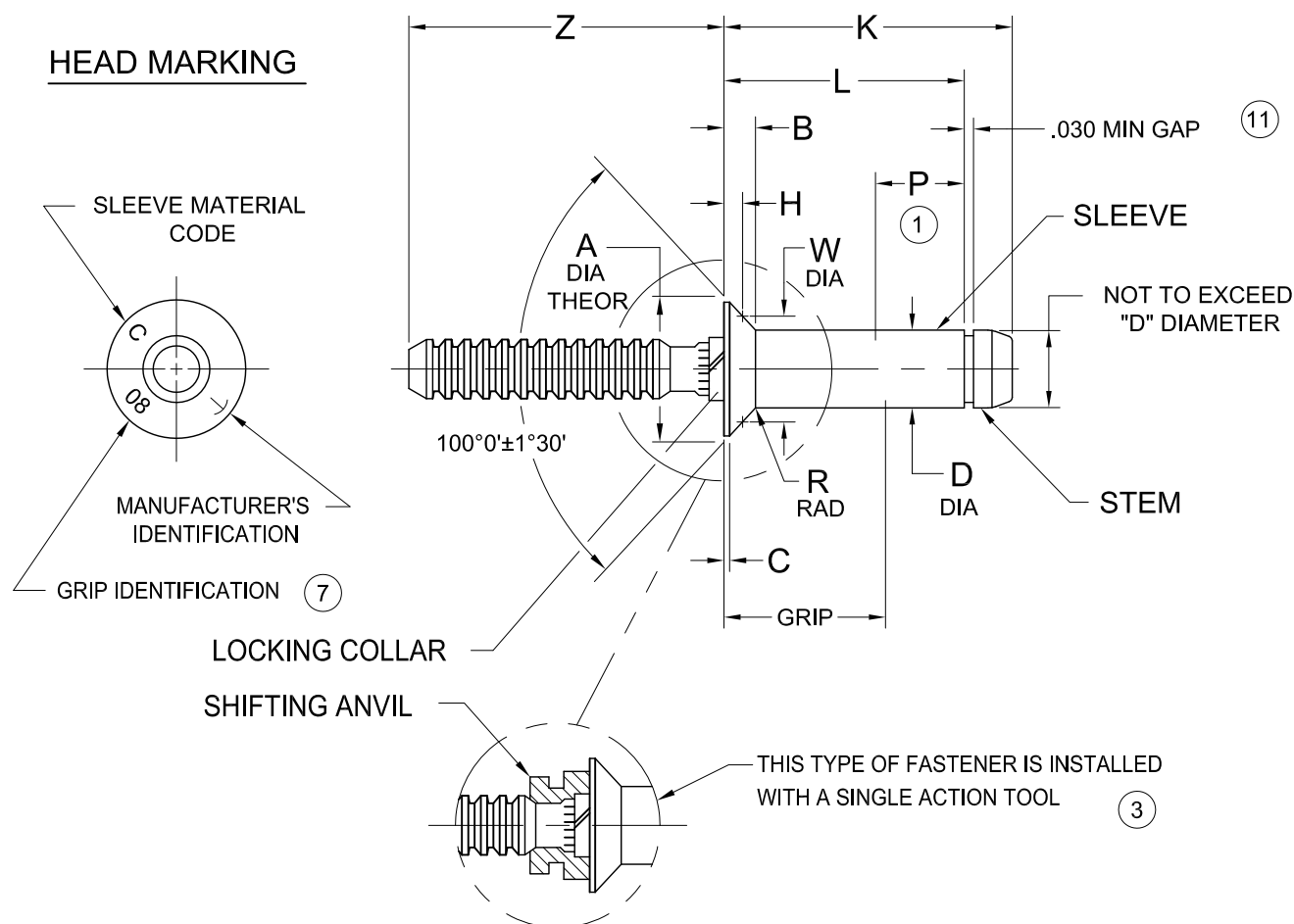




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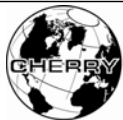
DIA DASH NO.		A MAX	B MAX	C MAX	D ±.001	H	P MAX	R MAX	W GAGE	Z MIN	HOLE LIMITS	INSTALLED STRENGTH	
												SINGLE SHEAR MINIMUM (LBS)	TENSILE MINIMUM (LBS)
---	S04	.229	.042	.011	.128	.0185 .0155	.190	.012	.1841 .1839	.812	.129/.132	1222	675
-05	S05	.334	.074	.011	.163	.0206 .0171	.215	.010	.2832 .2830	.844	.164/.167	1980	1150
-06	S06	.387	.082	.013	.198	.0243 .0205	.250	.015	.3272 .3270	.875	.199/.202	2925	1690
---	-08	.508	.108	.017	.259	.0310 .0270	.305	.020	.4320 .4318	1.000	.260/.263	5000	2900
---	-10	.635	.140	.020	.311	.0367 .0325	.350	.025	.5451 .5449	1.218	.312/.315	7200	4170
---	-12	.763	.168	.023	.373	.0425 .0380	.405	.030	.6582 .6580	1.562	.374/.377	10380	5970

(6)
MEETS MS21140

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.

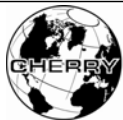
PROCUREMENT SPECIFICATION :		CHERRY MAXIBOLT™ STAINLESS STEEL BLIND BOLT 100° FLUSH HEAD	SHEET 1 OF 4		PART NUMBER
NASM8975 ⑥			ISSUE	08-18-89	
NAS 523 CODE :			REV. AB	1-28-10	
					CR7620



GRIP DASH NO.	GRIP LIMITS 1/16 RANGE		04 DIA		05 DIA		06 DIA		08 DIA		10 DIA		12 DIA	
	MIN	MAX	L REF	K MAX	L REF	K MAX	L REF	K MAX	L REF	K MAX	L REF	K MAX	L REF	K MAX
-02	⑤	.157	.254	.391	.280	.434	.329	.505	---	---	---	---	---	---
-03	.156	.220	.316	.453	.342	.496	.365	.541	.406	.616	---	---	---	---
-04	.219	.282	.379	.516	.405	.559	.428	.604	.469	.678	.506	.743	.548	.820
-05	.281	.345	.441	.578	.467	.622	.490	.666	.531	.740	.568	.805	.610	.883
-06	.344	.407	.504	.641	.530	.684	.553	.729	.594	.803	.631	.868	.673	.945
-07	.406	.470	.566	.703	.592	.746	.615	.791	.656	.866	.693	.930	.735	1.007
-08	.469	.532	.629	.766	.655	.809	.678	.854	.719	.928	.756	.993	.798	1.070
-09	.531	.595	.691	.828	.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	---	---	---	---	1.178	1.354	1.219	1.428	1.256	1.493	1.298	1.570
-17	1.031	1.095	---	---	---	---	1.240	1.416	1.281	1.490	1.318	1.555	1.360	1.633
-18	1.094	1.158	---	---	---	---	1.303	1.479	1.344	1.553	1.381	1.618	1.423	1.695
-19	1.156	1.220	---	---	---	---	1.366	1.541	1.406	1.616	1.443	1.680	1.485	1.757
-20	1.219	1.282	---	---	---	---	1.428	1.604	1.468	1.678	1.506	1.743	1.548	1.820

- 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 MINIMUM GRIP FOR -04 & -05 DIA IS .094 AND -06 DIA IS .120
 - ⑥ THIS PRODUCT MEETS THE REQUIREMENTS OF MS21140 FOR "-" & "S" CODE PARTS,
EXCEPT FOR "D" AND "DN" FINISH CODES. NASM8975 APPLIES WITH THE
FOLLOWING CONSIDERATION: LOAD RATE FOR TESTING SPINDLE RETENTION
OF -04 DIAMETER = 700 lbs/MINUTE
 - ⑦ SINGLE DIGIT MARKING IS PERMISSIBLE FOR GRIP DASH NUMBERS LESS THAN 10.
 - ⑧ 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.
 - ⑨ SHIFTING ANVIL OR SERRATED PORTION OF STEM DYED GREEN FOR THE S05
AND S06 DIAMETERS ONLY.
 - ⑩ OPTIONAL TO USE INCONEL 600 PER AMS 5687 (NO FINISH REQUIREMENT) ON -04 DIA
LOCK COLLARS ONLY.
 - ⑪ REQUIRED ON -05 DIAMETER AND LARGER WITH "NONE"
OR "P" FINISH CODE.

SHEET 2 OF 4			PART NUMBER	
ISSUE	08-18-89		CR7620	
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FINISH CODE	MATERIAL ②			FINISH			LUBE ⑧
	SLEEVE	STEM	LOCK COLLAR ⑩	SLEEVE	STEM ⑨	LOCK COLLAR ⑩	
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
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
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
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

SHEET 3 OF 4		PART NUMBER	
ISSUE	08-18-89	CR7620	
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EXAMPLE OF CHERRY PART NUMBER :

CR7620 - 06 -04 P = 3/16 NOMINAL DIAMETER CHERRY MAXIBOLT BLIND BOLT, .219 MIN GRIP
.282 MAX. GRIP, WITH CADMIUM PLATE. EQUIVALENT TO MS21140-0604P.

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		CR7620
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STANDARDS PAGE REVISION LOG

Form No. 1141-05-10, Rev. G, 3 Apr 2007, DCR# 07-0425