

NOM SIZE	ϕA REF.	B MAX	Z MIN $\triangle 10$	ϕD $\pm .001$	E MAX.	R RAD MAX.	S DESIGN REF ONLY MAX.	$\triangle 2$ $\triangle 1$ SINGLE SHEAR (LBS)	$\triangle 1$ TENSILE (LBS)	DRILL SIZE	$\triangle 8$ HOLE LIMITS $+.003$ $-.000$	W $\pm .0001$	P PROT.	G MAX	ϕX MIN
05	.334	.074	.844	.163	.215	.010	.202	1980	1150	#19	.164	.2831	.0171 .0206	.011	.195
06	.387	.082	.875	.198	.250	.015	.231	2925	1690	#8	.199	.3271	.0205 .0243	.013	.238
08	.508	.108	1.000	.259	.305	.020	.279	5000	2900	#G	.260	.4319	.0270 .0310	.017	.315

NOTES:





- $\triangle 1$ MINIMUM ULTIMATE INSTALLED SINGLE SHEAR AND INSTALLED TENSILE STRENGTH.
- $\triangle 2$ APPLIES TO GRIPS 05-04 AND UP, 06-05 AND UP, & 08-06 AND UP. IN SHORTER GRIPS A TRUE COMPOSITE SHEAR TEST CANNOT BE OBTAINED.
- $\triangle 3$ BLIND SIDE HEAD MAY BE INSTALLED ON 5° MAXIMUM SLOPE.
- 4. 05 AND 06 DIAMETER PART NUMBERS ARE COLOR DYED GREEN EITHER ON PINTAIL, OR DRIVE ANVIL.
- $\triangle 5$ IDENTIFICATION: MANUFACTURER'S SYMBOL, "C" DESIGNATION FOR CRES MATERIAL AND GRIP DASH NUMBER IN ORIENTATION AS SHOWN IN FIGURE ABOVE. SINGLE DIGIT MARKING IS PERMISSIBLE FOR GRIP DASH NUMBERS LESS THAN 10. IDENTIFICATION SYMBOL IMPRESSIONS SHALL NOT EXCEED .010 MAX. IN DEPTH.
- $\triangle 6$ CONCENTRICITY: CONICAL SURFACE OF HEAD TO "D" DIAMETER TO MEET REQUIREMENTS OF NASM8975 & MIL-F-8975.
- 7. PROCUREMENT SPECIFICATION : NASM8975 & MIL-F-8975

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REV.	DATE	BY	E.O. NO.	PREPARED	CHECKED	APPROVED
F	09/10/08	P.M.	6545	JOHN YOUSSEF	APPROVAL	ON FILE
G	12/08/08	P.M.	6640			
H	07/02/09	P.M.	6790	 15200 DON JULIAN ROAD . CITY OF INDUSTRY CA. 91745 PHONE: (626) 968-9388		
J	02/22/10	P.M.	6954			
K	08/16/10	P.M.	7089			
L	08/19/16	P.M.	9453			

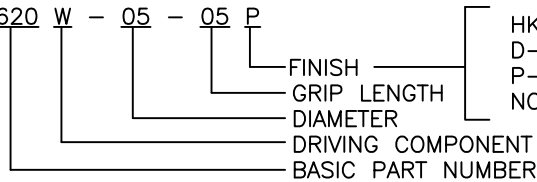
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- 8. INSTALLATION HOLE LIMITS.
- 9. DIAMETER OF PIN HEAD SHALL NOT EXCEED "D" MAX.
- 10. FOR MINIMUM LENGTH, "C," OF LONGER PIN TAIL VERSION (L) ADD .312".
- 11. DRIVE ANVIL TO FACILITATE INSTALLATION ONLY, NOT PART OF INSTALLED FASTENER. DRIVE ANVIL IS MADE FROM ALLOY STEEL. THE 5 AND 6 DIAMETER DRIVE ANVIL IS FINISHED IN CAD-PLATE, TYPE I, CLASS III WITH DYE GREEN FINISH. THE 8 DIAMETER DRIVE ANVIL IS FINISHED IN CAD-PLATE, TYPE I, CLASS III WITH SILVER FINISH, PER AMS-QQ-P-416.
- 12. MAXIMUM DIAMETER OF BLIND HEAD "X" SHALL NOT EXCEED MAXIMUM DIAMETER OF MANUFACTURING HEAD "A".
- 13. LUBRICATION: NONE OR MANUFACTURER'S OPTION TO LUBE AS FOLLOWS:
WHEN LUBRICATED, PARTS SHALL BE LUBRICATED PER AS5272, MIL-L-87132 OR DOD-L-85 645.
- 14. MIN. GRIP FOR 06-02 IS .120.
- 15. SHANK MAY BE .002 BELOW "D" MIN IN "E" AREA ONLY.

FINISH CODE	MATERIAL			FINISH			LUBE
	SLEEVE	STEM	LOCK COLLAR	SLEEVE	STEM	LOCK COLLAR	
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
HK	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS 5690	HI-KOTE	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 (IVD) COATING PER MIL-C-83488	PASSIVATE AMS2700	PASSIVATE AMS2700	NONE OR DICRONITE DL-5 
P	A-286 CRES AMS 5737	A-286 CRES AMS 5737	A-286 CRES AMS 5737 OR 316 CRES AMS 5690	CAD PLATE AMS-QQ-P-416 TYPE II CLEAR DICHROMATE CLASS 2	PASSIVATE AMS2700	PASSIVATE AMS2700	 OPTIONAL

PART NUMBER EXAMPLE:


AF7620 W - 05 - 05 P



HK- INDICATES HI-KOTE ALUMINUM COATING
D- INDICATES IVD ALUMINUM COATING
P- INDICATES CAD PLATE
NO CODE- INDICATES PASSIVATE PER AMS2700

"W" INDICATES FASTENERS INSTALLED WITH A SINGLE ACTION TOOL AND SUPPLIED WITH DRIVE ANVIL.
"U" INDICATES FASTENERS INSTALLED WITH A SINGLE ACTION TOOL AND WITHOUT DRIVING COMPONENT.

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F	09/10/08	P.M.	6545	JOHN YOUSSEF	04/03/04	APPROVAL ON FILE
G	12/08/08	P.M.	6640			
H	07/02/09	P.M.	6790	 15200 DON JULIAN ROAD . CITY OF INDUSTRY CA. 91745 PHONE: (626) 968-9388		
J	02/22/10	P.M.	6954			
K	08/16/10	P.M.	7089			
L	08/19/16	P.M.	9453			

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GRIP NUMBER TABULATION								
GRIP DASH NO.	DESIGN GRIP RANGE		DIAMETER DASH NUMBER					
			05		06 ¹⁴		08	
	MIN.	MAX.	L REF.	C	L REF.	C	L REF.	C
02 ¹⁴	.094	.157	.280	.434	.303	.479	—	—
03	.156	.220	.342	.496	.365	.541	.406	.616
04	.219	.282	.405	.559	.428	.604	.469	.678
05	.281	.345	.467	.622	.490	.666	.531	.740
06	.344	.407	.530	.684	.553	.729	.594	.803
07	.406	.470	.592	.746	.615	.791	.656	.866
08	.469	.532	.655	.809	.678	.854	.719	.928
09	.531	.595	.717	.872	.740	.916	.781	.990
10	.594	.657	.780	.934	.803	.979	.844	1.053
11	.656	.720	.842	.996	.865	1.041	.906	1.116
12	.719	.782	.905	1.059	.928	1.104	.969	1.178
13	.781	.845	.967	1.122	.990	1.166	1.031	1.240
14	.844	.907	1.030	1.184	1.053	1.229	1.094	1.303
15	.906	.970	1.092	1.246	1.115	1.219	1.156	1.366
16	.969	1.032	1.155	1.309	1.178	1.354	1.219	1.428
17	1.031	1.095	—	—	1.240	1.416	1.281	1.490
18	1.094	1.157	—	—	1.303	1.479	1.344	1.553
19	1.156	1.220	—	—	1.365	1.541	1.406	1.616
20	1.219	1.282	—	—	1.428	1.604	1.469	1.678
21	1.281	1.345	—	—	1.490	1.666	1.531	1.740
22	1.344	1.407	—	—	1.553	1.729	1.594	1.803
23	1.406	1.470	—	—	1.615	1.791	1.656	1.866
24	1.469	1.532	—	—	1.678	1.854	1.719	1.928
25	1.531	1.595	—	—	1.740	1.916	1.781	1.990
26	1.594	1.657	—	—	1.803	1.979	1.844	2.053

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REV.	DATE	BY	E.O. NO.	BLIND BOLT FASTENER, HIGH STRENGTH, PULL-TYPE, POSITIVE MECHANICAL LOCK, 100° FLUSH HEAD, A-286 CRES. (95 KSI SHEAR) SINGLE ACTION INSTALLATION	PREPARED	CHECKED	APPROVED
F	09/10/08	P.M.	6545		JOHN YOUSSEF		APPROVAL
G	12/08/08	P.M.	6640		04/03/04	ON FILE	
H	07/02/09	P.M.	6790	ALLFAST 15200 DON JULIAN ROAD . CITY OF INDUSTRY CA. 91745 PHONE: (626) 968-9388	AF7620 PAGE 3 OF 3		
J	02/22/10	P.M.	6954				
K	08/16/10	P.M.	7089				
L	08/19/16	P.M.	9453				