

CERTIFIED MILL TEST REPORT



**The Best Value
Price, Quality, Service
All The Time.**

LOG NO. 201561 PAGE 1
 BONNEY FORGE
 P.O. BOX 330 • U.S. RTE 522 SOUTH • MOUNT UNION, PA 17066-0330

Date 11/13/03

Bonney Order No. ⁹⁸⁴⁷⁴¹

Mark ²²⁷⁵⁸⁷

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO. CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS
			SA/A105-01
001	150	2125 ✓	3/4 3000 A105 COUP S ✓ C .190 MN 1.050 P .008 S .025 SI .260 NI .030 CU .080 CR .060 MO .008 V .023 NB .000 CE(LONG FORMULA) = 0.39 T/S 78175 Y/S 50965 EL 34.00 RA 67.00 BRINELL HARDNESS1: 152 HARDNESS2: 149
002	100	2003 ✓	11/4 3000 A105 COUP S ✓ C .150 MN .980 P .007 S .023 SI .250 NI .120 CU .260 CR .110 MO .038 V .036 CB .002 CE(LONG FORMULA) = 0.38 T/S 77200 Y/S 55600 EL 32.00 RA 30.00 BRINELL HARDNESS1: 152 HARDNESS2: 152
003	100	8960 ✓	11/2 3000 A105 COUP S ✓ C .190 MN .990 P .009 S .024 SI .230 NI .140 CU .280 CR .100 MO .039 V .037 CB .001 CE(LONG FORMULA) = 0.42 T/S 85800 Y/S 63400 EL 38.00 RA 32.00 BRINELL HARDNESS1: 183 HARDNESS2: 183
004	50	8679 ✓	1/4 3000 A105 COUP T ✓ C .200 MN 1.010 P .018 S .023 SI .260 NI .050 CU .130 CR .050 MO .014 V .024 NB .000 CE(LONG FORMULA) = 0.40 T/S 83117 Y/S 58060 EL 34.00 RA 64.00 BRINELL HARDNESS1: 159 HARDNESS2: 159

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certify that the data on this sheet is a true copy taken from our records of material furnished us by the production mill, or as obtained by additional laboratory checks.



by

Cris Childers

QUALITY CONTROL MANAGER

CERTIFIED MILL TEST REPORT



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P.O. BOX 330 • U.S. RTE 522 SOUTH • MOUNT UNION, PA 17066-0330

Date 11/13/03

Bonney Order No. 984741

Mark 227587

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO.	CHEMICAL ANALYSIS	PHYSICAL PROPERTIES	REMARKS
SA/A105-01						
005	50	2126	1/2 3000 A105 COUP T	C .200 MN 1.010 P .008 S .026 SI .260 NI .030 CU .110 CR .040 MO .008 V .023 AL .001 NB .001	CE(LONG FORMULA) = 0.39 T/S 79682 Y/S 48615 EL 31.00 RA 66.00 BRINELL HARDNESS1: 156 HARDNESS2: 159	
006	50	8749	3/4 3000 A105 COUP T	C .200 MN .970 P .009 S .024 SI .270 NI .090 CU .270 CR .080 MO .022 V .036 CB .000	CE(LONG FORMULA) = 0.41 T/S 84100 Y/S 64300 EL 45.00 RA 46.00 BRINELL HARDNESS1: 179 HARDNESS2: 174	
007	4	55888	3/4X 3/4X 1/2 3000 A105 TEE S	C .190 MN 1.050 P .008 S .025 SI .260 NI .030 CU .080 CR .060 MO .008 V .023 NB .000	CE(LONG FORMULA) = 0.39 T/S 77625 Y/S 50750 EL 32.20 RA 68.80 BRINELL HARDNESS1: 147 HARDNESS2: 150	
008	4	55904	1 X1 X 3/4 3000 A105 TEE S	C .190 MN 1.030 P .016 S .024 SI .240 NI .040 CU .170 CR .070 MO .004 V .026 AL .001 NB .001	CE(LONG FORMULA) = 0.40 T/S 86875 Y/S 57500 EL 30.05 RA 64.70 BRINELL HARDNESS1: 150 HARDNESS2: 150	

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Date 11/13/03

Bonney Order No. 984741

Mark 227587

ITEM	QUANTITY	LOT NO.	GRADE OR SPECIFICATION NO. CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS
			SA/A105-01
010	28	55728	11/4X 11/4X1/2 3000 A105 TEE S C .190 MN .980 P .011 S .022 SI .220 NI .050 CU .160 CR .040 MO .013 V .027 NB .000 CE(LONG FORMULA) = 0.38 T/S 86000 Y/S 57750 EL 31.55 RA 66.30 BRINELL HARDNESS1: 153 HARDNESS2: 150
011	1	55944	11/4X11/4X 1 3000 A105 TEE S C .190 MN 1.030 P .014 S .022 SI .260 NI .050 CU .170 CR .080 MO .010 V .024 AL .001 NB .001 CE(LONG FORMULA) = 0.40 T/S 83750 Y/S 56000 EL 30.15 RA 64.90 BRINELL HARDNESS1: 147 HARDNESS2: 150
013	7	55720	11/2X11/2X1/2 3000 A105 TEE S C .190 MN 1.090 P .012 S .024 SI .250 NI .040 CU .140 CR .070 MO .008 V .027 NB .001 CE(LONG FORMULA) = 0.40 T/S 87250 Y/S 56000 EL 33.70 RA 65.15 BRINELL HARDNESS1: 153 HARDNESS2: 150

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