



AMFG HEADQUARTERS

All Metals & Forge Group

AN OPEN DIE & SEAMLESS ROLLED RING FORGER

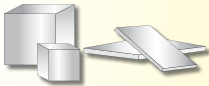

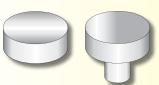

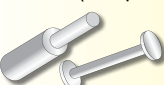


PERRY JOHNSON REGISTRARS, INC.

ISO 9001 SINCE 1994
AS 9100 SINCE 1998

FORGING CAPABILITIES CHART

75 Lane Road, Fairfield, NJ 07004 • Direct 1 973.276.5000 • Canada 1 416.363.2244 • Fax 1 973.276.5050 • Toll Free 1 800.600.9290 • www.Steelforge.com

SHAPE	SIZE/ WEIGHT	FERROUS ALLOYS		NICKEL, SPECIAL ALLOYS	NON-FERROUS ALLOYS		
		Carbon, Alloy & Tool	Stainless		Aluminum	Titanium	
 FLAT BAR BLOCKS	MAX. WIDTH	120"	120"	27"	60"	65"	
	MAX. WEIGHT	80,000#	80,000#	20,000#	15,000#	15,000#	
 CYLINDERS/SLEEVES	MAX. O.D.	120"	120"	50"	72"	52"	
	MAX. LENGTH	160"	160"	65"	96"	65"	
 DISCS/HUBS	MAX. DIA.	160"	160"	50"	80"	65"	
	MAX. WEIGHT	80,000#	80,000#	20,000#	15,000#	10,000#	
 RINGS, ROLLED OR HAND FORGED	MAX. O.D.	200"	200"	120"	90"	90"	
	MAX. LENGTH	65"	65"	40"	65"	65"	
 ROUNDS/SHAFTS (with steps or flanges)	MAX. LENGTH	420"	420"	180"	264"	180"	
	MAX. WEIGHT	80,000#	80,000#	20,000#	10,000#	10,000#	
ALLOY	*4335 *2315 *2340 2515 3140 3145 3150 3310 3312 3315 4015 4017 4020 4023 4037 4085 *4110 *4112 *4115 *4120 4125 *4127 4130 4135 4140 4142 4145 4150 *4155 *4160 *4215 4320 4330	9315 9317 9430 9840 9850 CARBON 1006 1008 1010 1015 1018 1020 1022 1023 1025 1026 1029 1030 1035 1040 1045 1050 1055 1060 1070 TOOL A2 A6 A10 D2 D3 D5	D6 H11 H12 H13 H21 H26 *H43 M2 P20 S1 S5 S7 T1 W1 W2 SPECIAL GRADES D6AC HY80 *HY100 *F-5(CR-1/2MO) *F-11(1 1/4 CR- 1/2 MO) *F-22(2 1/4 CR-1 MO) *F-91 *17-22 A *17-22 AS *17-22 AV Nitalloy 135N 52100 LF1, LF2, LF3	Stainless Steel 300 Series 420 302 422 303 429 304L 430F 309 431 310 440A,C 314 442 316L 446 317L 500 Series 321 501 322 502 329 Stainless 330 Steel PH 333 Grades 347 13-8MO 348 15-5PH 400 Series 15-7MO 403 17-4PH 405 17-7PH 409 Greek 410 Ascoloy 414 416 418	Nickel, Special Alloys A-286 • AM-355 Custom 450, 455 Ferralium 255 Hastelloy B2 Hastelloy C276, C, N, S, W, X Haynes 188, 230, 25 Incoloy 800, 825, 832, 890, 901, 925 Inconel 600, 601, 617, 625, 690, 702, 706, 713, 718, 722, 725, 738, 750, 751 800, 825, *902, 903 Invar 36, 42 Jethete M151, M152 Kovar, Rodar, L605 Nickel, Special Alloys Maraging 250, 300, 350 Monel 400, 500 (K) Nickel 200, 201 Nitronic 40, 50, 60 N155 Multimet Nimonic 75, 80, 90 Rene 41 - 125 Udimet 500, 700 *Vascojet 1000 Waspalloy Zirconium 32 20 CB	Aluminum Alloys 1100 2014 2024 2219 5083 5086 6061 6063 7049 7050 7075 7079 7175 7475	Titanium Alloys Commercially Pure 4AL-3MO-1V *4AL-4MN 5AL-2.5SN 6AL-2SN -4ZR-2MO 6AL-2SN -4ZR-6MO 6AL-4V 6A1-6V-2SN *7AL-4MO 8AL-1MO-1V 13.5V -11CR-3AL Ti17 *CP Grade 1 CP Grade 2 *CP Grade 3 CP Grade 4 * CP Grade 7 * CP Grade 11 CP Grade 12

GRADES OF BILLET MATERIAL INSTOCKSM OR AVAILABLE FROM MILL DEPOT
(If your required grade is not shown, call for assistance: 973-276-5000)

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