

HOT ROLLED CARBON & ALLOY ROUND BARS

	8 ¹ / ₂ "	8 ³ / ₄ "	9"	9 ¹ / ₄ "	10"	10 ¹ / ₄ "	11"			
	1018 1045 1141 4140 4140H	1045 1141	1018 1040 1045 1141 4140 4140H 8620 8620H 8720 8720H	1018 1045	1018 1045 1141	1018	1018 1045			
Lbs/ft:	192.93	204.45	216.30	228.50	267.25	280.78	323.37			
Lbs/20':	3858.60	4089.00	4326.00	4570.00	5345.00	5615.60	6467.40			

Note: H Steels have a wider chemistry range than comparable standard steels of the same grade. Producing mills generally report jominy (hardenability) data for H steels only.

5160 FLATS

All material conforms to ASTM A689 and ASTM A304 specifications. In addition, all material also meets ASTM A322 which is the specification for standard grades of alloy steel bars. All inventory is Round Edge Automotive Leaf Spring (REAL) and is specially ordered to be cold shearable. Square edge material is available upon request.

- Hot Rolled
- Annealing upon request
- Material meets "H" band or end quench hardenability tolerances.
- AISI 5160 Grade
- 22 ft random lengths

Size in Inches	Estimated Weight per bar (lbs)	Size in Inches	Estimated Weight per bar (lbs)	Size in Inches	Estimated Weight per bar (lbs)
1.00 x .250	19	2.25 x .214	36	3.00 x .204	46
1.75 x .204	27	.237	40	.250	56
.214	28	.262	44	.262	59
.237	31	.291	49	.291	65
.262	34	.323	54	.323	73
.291	38	.360	61	.360	81
.312	41	.360 (b)	61	.375	84
.320	42	.401	68	.401	90
.360	47	.447	75	.447	100
.375	49	2.50 x .204 (a)	38	.499	112
.401	53	.214	40	.558	125
.437	57	.237	44	.625	140
.499	65	.250 (a)	47	.788	177
.500	66	.262	49	1.000	225
.562	74	.291	54	3.50 x .323	85
.625	82	.312	58	.360	94
.750	98	.323	60	.375	98
2.00 x .204 (a)	31	.323 (b)	60	.401	105
.214	32	.360 (b)	67	.447	117
.250 (a)	37	.360	67	.499	131
.291	44	.375	70	.558	146
.323	48	.447	84	4.00 x .323	97
.360	54	.499	93	.360	108
.375	56	.523	98	.375	112
.401	60	.562	105	.401	120
.437	65	.625	117	.437	131
.499	75	.750	140	.447	134
.562	84	.770	144	.499	149
.625	94	1.000	187	.558	167
1.000	150	2.95 x .250	55	.625	187
		2.97 x .799	175	.750	225
				.788	236
				.999	299
				5.00 x .375	140
				.499	187
				.625	234
				.788	295
				.875	328

a. 5150 AISI grade

b. 5155 AISI grade



PERLOW STEEL CORPORATION

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