

STANDARD ROUNDS (GRAY & DUCTILE)

AS CAST BARS

FINISH DIAMETER IN INCHES	AVG. STOCK ALLOW.	EST. POUNDS PER INCH	EST. POUNDS PER BAR	FINISH DIAMETER IN INCHES	AVG. STOCK ALLOW.	EST. POUNDS PER INCH	EST. POUNDS PER BAR
.625	.085	.10	8	7.000	.170	10.71	771
.750	.085	.15	11	7.250	.190	11.53	830
.875	.085	.19	14	7.500	.190	12.35	889
				7.750	.190	13.13	945
1.000	.085	.25	18	8.000	.190	13.96	1005
1.125	.085	.31	22	8.250	.216	14.92	1074
1.250	.085	.38	27	8.500	.216	15.82	1139
1.375	.085	.44	32	8.750	.216	16.74	1205
1.500	.085	.53	38	9.000	.216	17.68	1273
1.625	.085	.61	44	9.250	.254	18.76	1351
1.750	.085	.71	51	9.500	.254	19.81	1426
1.875	.085	.81	58	9.750	.254	20.83	1500
2.000	.085	.90	65	10.000	.254	21.89	1576
2.125	.110	1.04	75	10.250	.400	23.61	1700
2.250	.110	1.17	84	10.500	.400	24.74	1781
2.375	.110	1.29	93	11.000	.400	27.06	1948
2.500	.110	1.42	102	11.500	.582	30.38	2187
2.625	.110	1.56	112	12.000	.582	32.94	2372
2.750	.110	1.71	123	12.500	.582	35.63	2565
2.875	.110	1.86	134	13.000	.582	38.40	2765
3.000	.110	2.01	145	14.000	.582	44.25	3186
3.125	.125	2.21	159	15.000	.582	50.54	3639
3.250	.125	2.38	171	16.000	.582	57.24	4121
3.375	.125	2.56	184	17.000	.762	65.67	4728
3.500	.125	2.74	197	18.000	.762	73.26	5275
3.625	.125	2.93	211	19.000	.762	81.29	5853
3.750	.125	3.13	225	20.000	.762	89.74	6461
3.875	.125	3.33	240				
4.000	.125	3.54	255				
4.250	.140	4.01	289				
4.500	.140	4.49	323				
4.750	.140	4.97	358				
5.000	.140	5.50	396				
5.250	.155	6.08	438				
5.500	.155	6.67	480				
5.750	.155	7.26	523				
6.000	.155	7.89	568				
6.250	.170	8.58	618				
6.500	.170	9.26	667				
6.750	.170	9.97	718				

CENTERLESS GRIND BARS

TOLERANCE +.010" -.000"

FINISH DIAMETER IN INCHES	EST. POUNDS PER INCH	EST. POUNDS PER BAR	FINISH DIAMETER IN INCHES	EST. POUNDS PER INCH	EST. POUNDS PER BAR
.625	.08	6	1.000	.21	15
.750	.13	9	1.125	.28	20
.875	.17	12	1.250	.33	24
			1.375	.40	29
			1.500	.49	35
			1.625	.53	38
			1.750	.63	45
			1.875	.72	52
2.000	.82	59	2.000	.82	59
2.125	.93	67	2.125	.93	67
2.250	1.04	75	2.250	1.04	75
2.375	1.17	84	2.375	1.17	84
2.500	1.29	93	2.500	1.29	93
2.625	1.42	102	2.625	1.42	102
2.750	1.58	114	2.750	1.58	114
2.875	1.71	123	2.875	1.71	123
3.000	1.88	135	3.000	1.88	135
3.125	2.03	146	3.125	2.03	146
3.250	2.19	158	3.250	2.19	158
3.375	2.36	170	3.375	2.36	170
3.500	2.56	184	3.500	2.56	184
3.625	2.74	197	3.625	2.74	197
3.750	2.92	210	3.750	2.92	210
3.875	3.13	225	3.875	3.13	225
4.000	3.33	240	4.000	3.33	240
4.250	3.78	272	4.250	3.78	272
4.500	4.24	305	4.500	4.24	305

ROS:

.750" to 22" DIA.

SQ & RECT:

2" x 2" UP TO 16" x 22" x 72"

PLATE: CUSTOM CUT

• NOTE:

All sizes shown in brochure are standard production sizes. Actual in house stock will vary.

•• NOTE:

Longer lengths available upon request. Std. 72".

••• NOTE:

Ductile starts at 1.500".

— Centerless grinding and peeling

— Boring and rough turning.

— Pre-machined and machine complete.

— Cut to length, production and short runs.

— Plate cutting.



MACHINABILITY

V-2 GOOD - EXCELLENT

V-3 EXCELLENT

V-4 GOOD



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