

HIGH SPEED STEEL BLANKS

AVAILABLE IN ANY DIAMETER .005" - 3.500"

GROUND TO .0002 TOLERANCE

LENGTH TO 78" TO SUIT YOUR REQUIREMENTS

The following standard size M2 High Speed Steel Blanks

Hardness Rockwell "C" 62-64 or M42 "C" 65-67

Available for immediate delivery from our plant.

Size	Decimal Equivalent	Length Overall Inches	M2 Net Price Each	M42 Net Price Each	Size	Decimal Equivalent	Length Overall Inches	M2 Net Price Each	M42 Net Price Each
1/64	.015625	1 1/2	3.95	5.55	A	.234	3 7/8	4.25	6.25
1/32	.03125	1 1/2	2.40	3.39	B	.238	4	4.25	6.25
3/64	.046875	1 3/4	2.06	2.97	C	.242	4	4.50	6.25
1/16	.0625	1 7/8	1.97	2.88	D	.246	4	4.50	6.75
5/64	.078125	2	2.05	2.96	E	.250	4	4.50	6.75
3/32	.09375	2 1/4	2.11	3.10	F	.257	4 1/8	5.00	7.75
7/64	.109375	2 3/4	2.15	3.25	G	.261	4 1/8	5.00	7.75
1/8	.1250	2 3/4	2.20	3.35	H	.266	4 1/8	5.50	7.75
9/64	.140625	3	2.30	3.45	I	.272	4 1/8	5.50	8.25
5/32	.15625	3 1/4	2.65	3.90	J	.277	4 1/4	5.75	8.30
11/64	.171875	3 1/4	2.69	4.00	K	.281	4 1/4	5.75	8.30
3/16	.1875	3 1/2	3.04	4.50	L	.290	4 1/4	6.00	8.75
13/64	.203125	3 5/8	3.54	5.30	M	.295	4 3/8	6.10	9.25
7/32	.21875	3 3/4	3.98	5.90	N	.302	4 3/8	6.10	9.25
15/64	.234375	3 7/8	4.30	6.46	O	.316	4 1/2	7.25	10.00
1/4	.2500	4	4.60	7.00	P	.323	4 5/8	7.75	11.00
17/64	.265625	4 1/8	5.18	7.95	Q	.332	4 3/4	8.00	11.00
9/32	.28125	4 1/4	5.83	8.54	R	.339	4 3/4	8.25	12.00
19/64	.296875	4 3/8	6.25	9.40	S	.348	4 7/8	8.50	13.00
5/16	.3125	4 1/2	7.40	10.20	T	.358	4 7/8	8.75	13.00
21/64	.328125	4 5/8	7.90	11.00	U	.368	5	9.75	14.75
11/32	.34375	4 3/4	8.45	12.11	V	.377	5	9.75	14.75
23/64	.359375	4 7/8	8.91	13.21	W	.386	5 1/8	11.25	15.50
3/8	.3750	5	9.90	14.85	X	.397	5 1/8	11.25	15.50
25/64	.390625	5 1/8	11.30	15.95	Y	.404	5 1/4	11.75	17.00
13/32	.40625	5 1/4	12.00	17.54	Z	.413	5 1/4	13.75	17.25
27/64	.421875	5 3/8	13.95	19.40					
7/16	.4375	5 1/2	14.75	20.75					
29/64	.453125	5 5/8	17.34	21.95					
15/32	.46875	5 3/4	18.25	23.15					
31/64	.484375	5 7/8	19.75	24.80					
1/2	.5000	6	21.75	26.50					

CHOICE OF TOLERANCE

+ .0002 OR + .0000 OR + .0001
 - .0000 - .0002 - .0001

A NOTE TO REMEMBER

WE CAN GRIND BLANKS TO A .00005 TOLERANCE

METRIC BLANKS

.35 mm - 4.70 mm DIAMETER
M2 HIGH SPEED STEEL - ROCKWELL "C" 62-64
M42 HIGH SPEED STEEL - ROCKWELL "C" 65-67

Diameter mm	Length Overall mm	M2 Net Price Each	M42 Net Price Each
.35	38	5.20	7.25
.40	38	5.20	7.25
.45	38	5.20	7.25
.50	38	5.20	7.25
.55	38	4.25	6.80
.60	38	4.25	6.80
.65	38	4.25	6.80
.70	38	3.50	5.00
.75	38	3.50	5.00
.80	38	3.10	4.50
.85	38	3.10	4.50
.90	38	3.10	4.50
.95	38	3.00	4.00
1.00	38	3.00	4.00
1.05	41	2.75	3.75
1.10	44	2.75	3.75
1.15	44	2.75	3.75
1.20	48	2.75	3.75
1.25	48	2.75	3.75
1.30	48	2.50	3.75
1.35	48	2.50	3.65
1.40	48	2.50	3.65
1.45	48	2.50	3.65
1.50	48	2.50	3.65
1.55	48	2.50	3.65
1.60	48	2.50	3.65
1.65	51	2.50	3.65
1.70	51	2.50	3.65
1.75	51	2.25	3.40
1.80	51	2.25	3.40
1.85	51	2.25	3.40
1.90	51	2.25	3.40
1.95	51	2.25	3.40
2.00	51	2.25	3.45
2.05	57	2.30	3.45

Diameter mm	Length Overall mm	M2 Net Price Each	M42 Net Price Each
2.10	57	2.25	3.50
2.15	57	2.25	3.50
2.20	57	2.25	3.50
2.25	57	2.25	3.50
2.30	57	2.25	3.50
2.35	57	2.25	3.50
2.40	57	2.30	3.75
2.45	64	2.30	3.75
2.50	64	2.30	3.75
2.60	64	2.30	3.75
2.70	64	2.30	3.75
2.75	70	2.30	3.80
2.80	70	2.30	3.80
2.90	70	2.30	3.80
3.00	70	2.45	3.90
3.10	70	2.45	3.90
3.20	70	2.50	3.95
3.25	70	2.50	3.95
3.30	76	2.50	3.95
3.40	76	2.50	3.95
3.50	76	2.50	3.95
3.60	76	2.50	3.95
3.70	76	2.50	3.95
3.75	76	2.75	4.25
3.80	76	2.75	4.25
3.90	76	2.75	4.25
4.00	83	2.75	4.25
4.10	83	2.75	4.25
4.20	83	2.75	4.25
4.25	83	2.75	4.50
4.30	83	2.75	4.50
4.40	86	2.75	4.50
4.50	86	2.75	4.50
4.60	89	3.15	5.20
4.70	89	3.15	5.20

CHOICE OF TOLERANCE $+0.0051\text{mm}$ -0.0000mm **OR** $+0.0000\text{mm}$ -0.0051mm **OR** $+0.0025\text{mm}$ -0.0025mm

METRIC BLANKS AVAILABLE .13 mm - 89 mm DIAMETER
LENGTHS UP TO 1981 mm TO SUIT YOUR REQUIREMENTS

METRIC BLANKS

4.75 mm - 13.0 mm DIAMETER
M2 HIGH SPEED STEEL - ROCKWELL "C" 62-64
M42 HIGH SPEED STEEL - ROCKWELL "C" 65-67

Diameter mm	Length Overall mm	M2 Net Price Each	M42 Net Price Each
4.75	89	3.10	5.25
4.80	89	3.25	3.75
4.90	92	3.75	6.00
5.00	92	3.75	6.00
5.10	92	3.75	6.00
5.20	95	3.75	6.00
5.25	95	4.15	6.75
5.30	95	4.15	6.75
5.40	95	4.15	6.75
5.50	95	4.15	6.75
5.60	98	4.15	6.75
5.70	98	4.15	6.75
5.75	98	4.15	6.75
5.80	98	4.50	7.50
5.90	98	4.50	7.50
6.00	102	4.50	7.50
6.10	102	4.50	7.50
6.20	102	4.75	8.00
6.25	102	4.75	8.00
6.30	102	4.75	8.00
6.40	105	5.50	9.10
6.50	105	5.50	9.10
6.60	105	5.50	9.10
6.70	105	6.00	9.10
6.75	105	6.00	9.10
6.80	105	6.00	9.95
6.90	105	6.00	9.95
7.00	108	6.00	9.95
7.10	108	6.00	9.95
7.20	108	6.00	9.95
7.25	108	6.00	9.95
7.30	108	6.00	9.95
7.40	111	6.25	10.50
7.50	111	6.25	10.50
7.60	111	6.25	10.50

Diameter mm	Length Overall mm	M2 Net Price Each	M42 Net Price Each
7.70	114	7.25	11.75
7.75	114	7.25	11.75
7.80	114	7.25	11.75
7.90	114	7.25	11.75
8.00	114	7.25	11.75
8.10	117	7.75	12.75
8.20	117	7.75	12.75
8.25	117	7.75	12.75
8.30	117	7.75	12.75
8.40	121	8.00	12.75
8.50	121	8.25	14.00
8.60	121	8.25	14.00
8.70	121	9.25	15.25
8.75	124	9.25	15.25
8.80	124	9.25	15.25
8.90	124	9.25	15.25
9.00	124	9.25	15.25
9.10	124	9.25	15.25
9.20	127	10.00	16.75
9.25	127	10.00	16.75
9.30	127	10.00	16.75
9.40	127	10.00	16.75
9.50	127	10.00	16.75
9.60	130	10.75	18.50
9.70	130	10.75	18.50
9.75	130	11.25	18.50
9.80	130	11.25	18.50
9.90	130	11.25	18.50
10.00	130	11.25	18.50
10.50	133	12.00	20.00
11.00	140	14.75	23.00
11.50	142	17.00	24.75
12.00	149	18.25	26.00
12.50	152	22.00	28.75
13.00	152	24.00	36.50

CHOICE OF TOLERANCE +.0051mm - .0000mm **OR** +.0000mm - .0051mm **OR** +.0025mm - .0025mm

METRIC BLANKS AVAILABLE .13 mm - 89 mm DIAMETER
LENGTHS UP TO 1981 mm TO SUIT YOUR REQUIREMENTS

M-2 HIGH SPEED STEEL HARDENED & GROUND BLANKS

ALL HARDENED BLANKS ARE 62 – 64 R/C

36 INCH HARDENED & GROUND WIRE SIZE HSS LENGTHS TOLERANCE ± .0003

36 INCH HSS LENGTHS TOLERANCE ± .001

Wire Size	Decimal Equivalent	Price Each
61	.0390	27.25
62	.0380	27.25
63	.0370	27.25
64	.0360	27.25
65	.0350	27.95
66	.0330	27.95
67	.0320	27.95
68	.0310	28.00
69	.0292	28.00
70	.0280	28.00
71	.0260	29.00
72	.0250	29.00
73	.0240	29.00
74	.0225	29.95
75	.0210	29.95
76	.0200	29.95
77	.0180	30.00
78	.0160	30.00
79	.0145	30.00
80	.0135	30.00

Fractional Size	Decimal Equivalent	Annealed M2 High Speed Blanks	Hardened Ground
1/16	.0625	12.00	24.25
5/64	.078125	12.75	26.10
3/32	.09375	13.00	30.00
7/64	.109375	14.00	30.00
1/8	.1250	14.50	30.30
9/64	.140625	15.75	33.00
5/32	.15625	17.50	33.00
11/64	.171875	19.25	33.25
3/16	.1875	20.75	33.25
13/64	.203125	22.75	34.00
7/32	.21875	24.75	37.25
15/64	.234375	26.75	37.75
1/4	.2500	28.75	38.00
17/64	.265625	31.00	41.25
9/32	.28125	34.00	41.75
19/64	.296875	37.00	43.75
5/16	.3125	40.25	44.00
21/64	.328125	43.25	55.25
11/32	.343875	46.75	55.75
23/64	.359375	49.75	56.00
3/8	.3750	53.00	56.50
25/64	.390625	56.75	72.50
13/32	.40625	60.25	73.00
27/64	.421875	64.50	73.50
7/16	.4375	68.75	74.00
29/64	.453125	73.00	86.75
15/32	.46875	76.00	87.25
31/64	.484375	82.00	88.50
1/2	.5000	86.00	88.50
17/32	.53125	96.00	246.25
9/16	.5625	107.00	260.00
19/32	.59375	120.00	275.95
5/8	.6250	126.00	276.75
21/32	.65625	143.75	320.00
11/16	.6875	150.00	343.25
23/32	.71875	162.75	356.85
3/4	.7500	175.50	408.85
7/8	.8750	235.25	515.75
1	1.0000	303.25	550.75

24 INCH HARDENED & GROUND TOLERANCE ± .001

Fractional Size	Decimal Equivalent	Hardened Ground
17/32	.5312	145.00
9/16	.5625	170.25
5/8	.6250	175.85
11/16	.6875	210.00
23/32	.7188	225.00
3/4	.7500	235.00
13/16	.8125	268.25
7/8	.8750	285.95
1	1.0000	350.75
1-1/16	1.0620	385.75
1-1/8	1.1250	405.66
1-3/16	1.1870	525.15
1-1/4	1.2500	675.75
1-5/16	1.3125	775.85
1-3/8	1.3750	785.65
1-7/16	1.4375	825.65
1-1/2	1.5000	927.50

Additional sizes and tolerances available.

M42 HIGH SPEED STEEL HARDENED & GROUND BLANKS

36 INCH HSS LENGTHS TOLERANCE $\pm .001$

- **HARDENED**
- **TEMPERED**
- **PRECISION GROUND....**

Hardness: Rockwell C 65-67
DIAM.: TOLERANCE: $\pm .001$

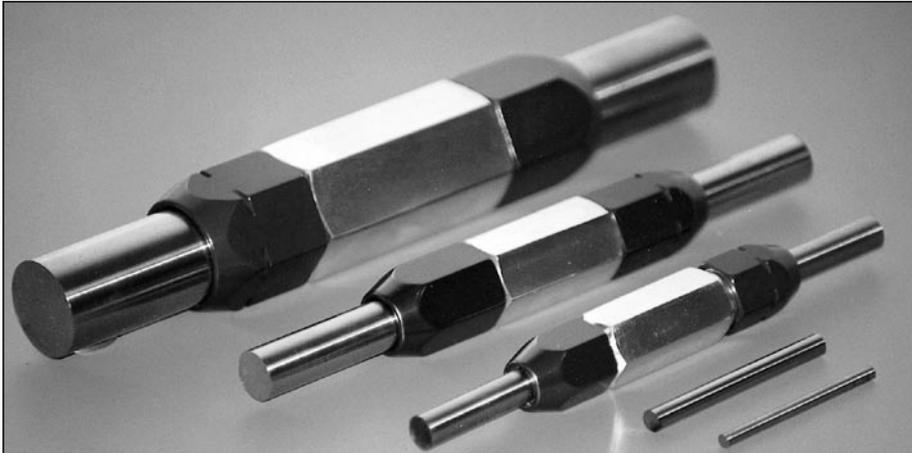
24 INCH HARDENED & GROUND TOLERANCE $\pm .001$

Fractional Size	Decimal Equivalent	Price Each
9/16	.5625	290.96
5/8	.6250	337.52
11/16	.6875	387.68
3/4	.7500	424.16
13/16	.8125	468.22
7/8	.8750	510.20
1	1.0000	668.25
1-1/16	1.0620	787.94
1-1/8	1.1250	871.53
1-3/16	1.1875	895.25
1-1/4	1.2500	898.88
1-5/16	1.3125	907.03
1-3/8	1.3750	947.11
1-7/16	1.4375	976.99
1-1/2	1.5000	1125.00

Fractional Size	Decimal Equivalent	Price Each
1/16	.0625	53.77
5/64	.078125	57.51
3/32	.09375	57.62
7/64	.109375	62.72
1/8	.1250	65.54
9/64	.140625	65.70
5/32	.15625	67.14
11/64	.171875	68.91
3/16	.1875	69.33
13/64	.203125	71.94
7/32	.21875	72.51
15/64	.234375	76.23
1/4	.2500	76.96
17/64	.265625	86.91
9/32	.28125	87.89
19/64	.296875	91.20
5/16	.3125	92.18
21/64	.328125	102.24
11/32	.343875	105.66
23/64	.359375	123.93
3/8	.3750	123.85
25/64	.390625	134.47
13/32	.40625	135.70
27/64	.421875	144.91
7/16	.4375	147.02
29/64	.453125	150.46
15/32	.46875	151.47
31/64	.484375	161.15
1/2	.5000	166.65

GAGE MEMBERS

**ALL GAGE MEMBERS ARE MADE OF M2 HIGH SPEED STEEL
HARDNESS ROCKWELL "C" 62-64**



**HSS GAGE MEMBER
DISCOUNTS
ASSORTED SIZES**

25 pieces - 5%
50 pieces - 10%
100 pieces - 25%

**YOUR CHOICE OF
THREE TOLERANCES**

+ .0002 + .0000 + .0001
- .0000 OR - .0002 OR - .0001

2" LONG HSS GAGE MEMBER PRICES

.0100 - .0200\$6.75	.3751 - .4375 7.83	.9376 - 1.000..... 19.75
.0201 - .03124.70	.4376 - .5000 7.99	1.0001 - 1.0625 25.00
.0313 - .06254.25	.5001 - .5625 9.88	1.0626 - 1.1250 27.90
.0626 - .09384.22	.5626 - .6250 10.63	1.1251 - 1.1875 30.26
.0939 - .1250 4.60	.6251 - .6875 11.90	1.1876 - 1.2500 32.92
.1251 - .1875 5.97	.6876 - .7500 12.93	1.2501 - 1.3125 35.34
.1876 - .2500 6.49	.7501 - .8125 14.55	1.3126 - 1.3750 38.71
.2501 - .3125 7.00	.8126 - .8750 15.78	1.3751 - 1.4375 42.95
.3126 - .3750 7.31	.8751 - .9375 18.54	1.4376 - 1.5010 47.31

50.8 MM LONG METRIC HSS GAGE MEMBER PRICES

.2540 - .5080 5.75	9.5275 - 11.1125 \$7.83	23.8150 - 25.4000..... 19.75
.5105 - .7925 4.70	11.1150 - 12.7000 7.99	25.4025 - 26.9875..... 25.00
.7950 - 1.5875 4.25	12.7025 - 14.2875..... 9.88	26.9900 - 28.5750..... 27.90
1.5900 - 2.3825 4.22	14.2900 - 15.8750 10.63	28.5775 - 30.1625..... 30.26
2.3850 - 3.1750 4.60	15.8775 - 17.4625 11.90	30.1650 - 31.7500..... 32.92
3.1775 - 4.7625 5.97	17.4650 - 19.0500 12.93	31.7525 - 33.3375..... 35.34
4.7650 - 6.3500 6.49	19.0525 - 20.6375 14.55	33.3400 - 34.9250..... 38.71
6.3525 - 7.9375 7.00	20.6400 - 22.2250 15.78	34.9275 - 36.5125..... 42.95
7.9400 - 9.5250 7.31	22.2275 - 23.8125 18.54	36.5150 - 38.1254..... 47.31

**OTHER SIZES AND MATERIALS AVAILABLE
CALL FOR PRICING!**

HANDLES FOR ABOVE MEMBERS UP TO 1" CAN BE SUPPLIED

411 Business Park Lane • Allentown, PA 18109 • 610-434-5740 • FAX 610-434-7301

Visit us @ www.drillblanks.com Send Inquiries to CGCSALES@PTD.NET