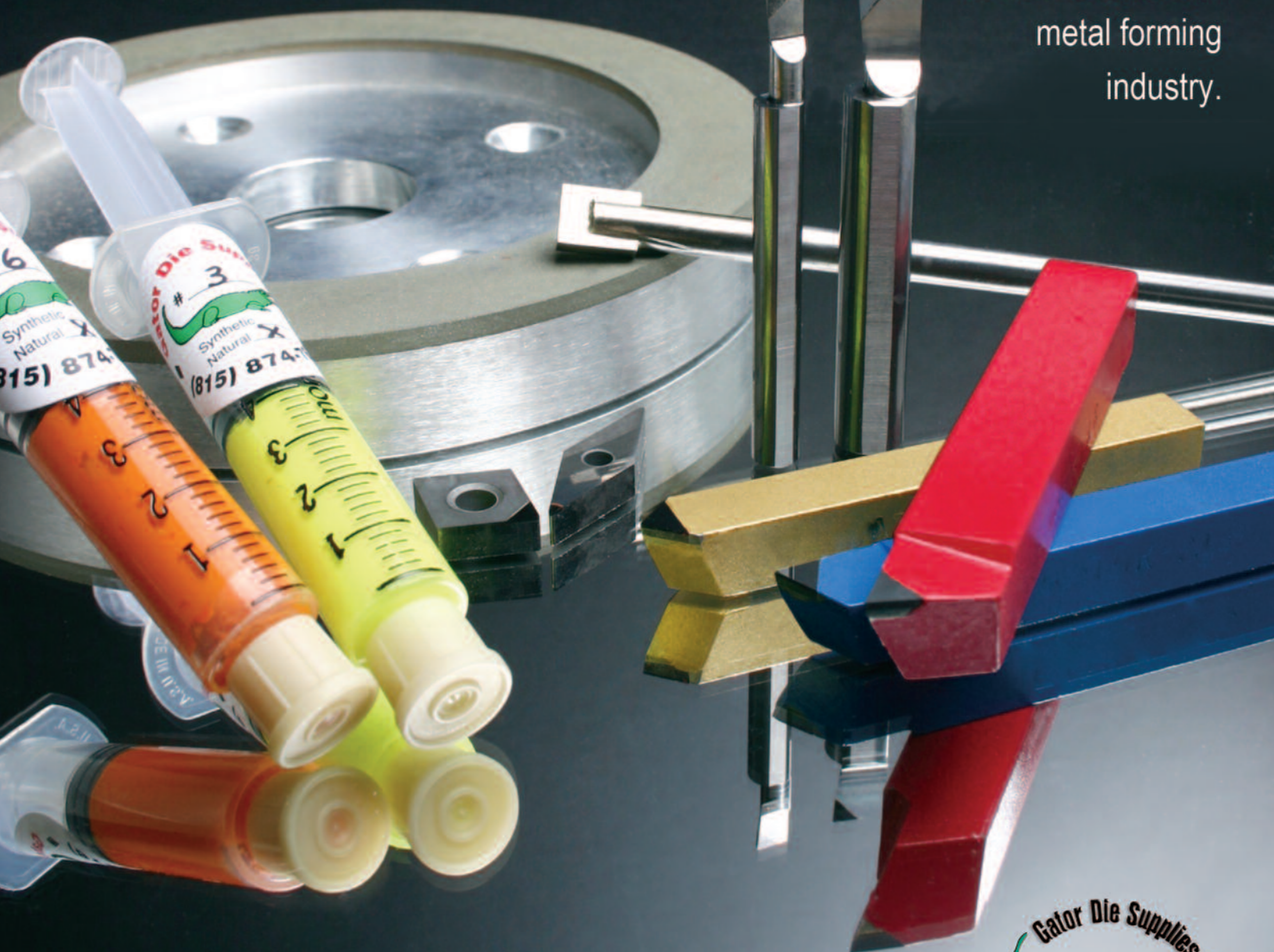


Offering the finest quality
toolroom supplies
to the fastener and
metal forming
industry.



Terms and Conditions

CONDITION OF SALES

Sales are made in accordance with our standard conditions of sales current at the time orders are accepted. Specifications are subject to change without notice.

QUOTATIONS

Will be subject to acceptance within sixty (60) days from the date of the quotation unless otherwise agreed. Prices shown are for standard stocked products. Products not shown are subject to quotation.

TERMS OF PAYMENT

Stocked catalog items, non-standard items, net 30 days from date of invoice. Machinery (new or used) net 10 days with credit approval. Rockform Tooling & Machinery, Inc. / Gator Die Supplies and Rockform Carbide Manufacturing, Inc. reserves the right to charge a 1.5% per month service charge on all balances over sixty (60) days.

All prices quoted are in U.S. dollars. We reserve the right to add a fee for international shipments or where special conditions apply. Any payments made by wire transfer must include all fees paid by the seller.

DELIVERY TERMS

F.O.B. shipping point

WARRANTY

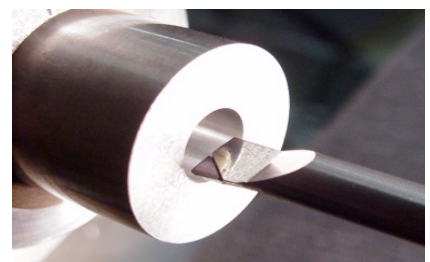
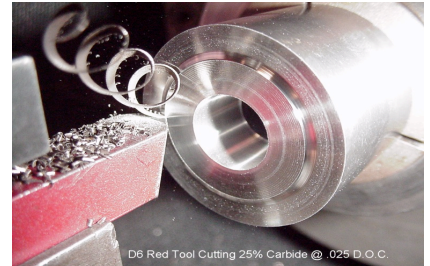
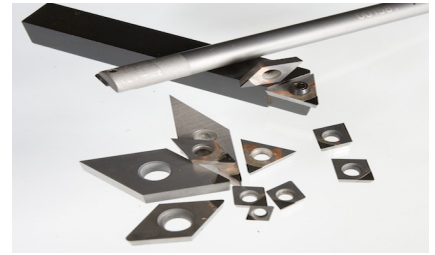
We will replace any material, which is proven deflection within ninety (90) days from the shipment date. No claim for labor or damage will be allowed. Claims for errors must be made upon receipt of material.

RELEASE ORDER POLICY

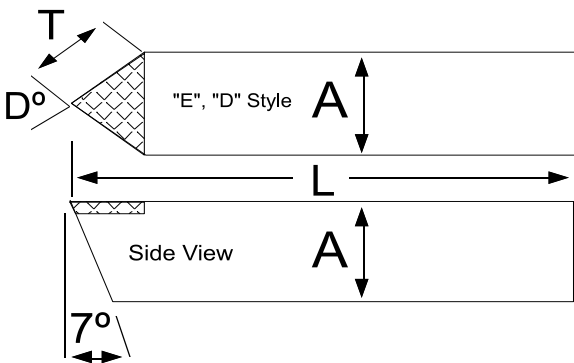
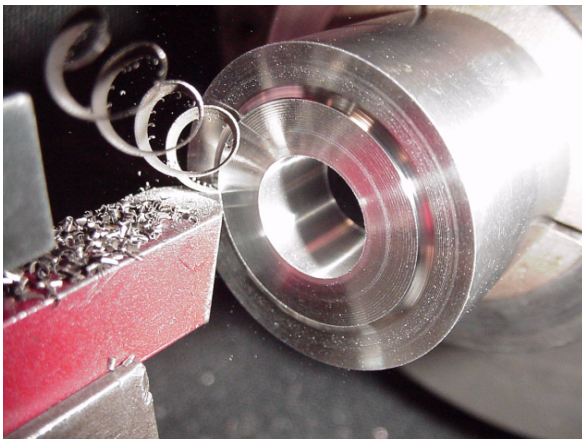
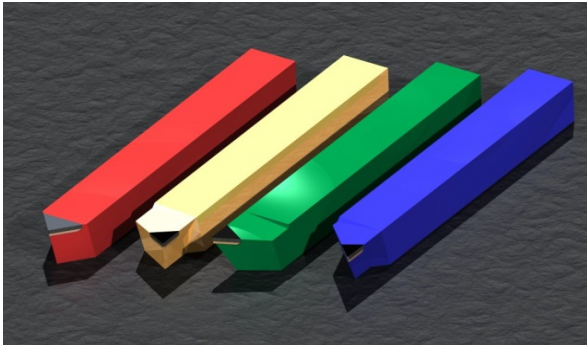
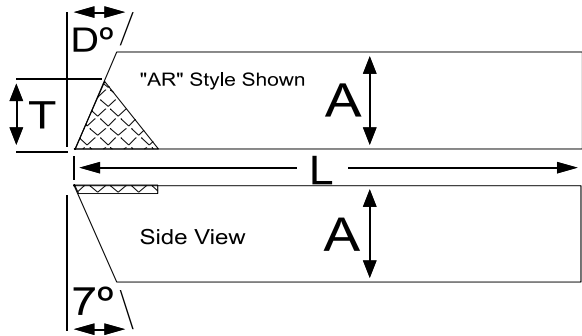
1. All release orders must specify quantities and dates. Orders will not be accepted unless a shipment schedule is provided.
2. All items must be released within twelve (12) months after the first shipment for standard stock items and within six (6) months for made to order products.
3. The first release must be scheduled within three (3) months.
4. Prices are based on the total quantity of each item. Prices will be firm for the duration of the order. In the event of a price increase during the term of the order, no adjustment will be made.
5. To qualify for total quantity discount of the release order, each item must total \$150.00 per line item per release of standard stocked items and \$250.00 per line item per release for made to order items.

CANCELLATION POLICY

Standard stocked items may be cancelled if they have not been shipped at the time of cancellation. Made to order items cancelled will be invoiced according to the amount of work that has been completed. Should cancellation be requested on a release order, an additional billing may be issued reflecting the actual quantity shipped against the cancelled release order.



Standard Polycrystalline Turning Tools



Part #	"A"	"L"	"T"	"D"
AL6 Black	3/8"	3"	7.0mm	30
AR6 Black	3/8"	3"	7.0mm	30
D6 Black	3/8"	3"	7.0mm	80
AL6 Blue	3/8"	3"	6.5mm	30
AR6 Blue	3/8"	3"	6.5mm	30
D6 Blue	3/8"	3"	6.5mm	80
AL6-45 Blue	3/8"	3"	6.5mm	45
AR6-35 Blue	3/8"	3"	5.0mm	55
AR6-45 Blue	3/8"	3"	6.5mm	45
AL6 Red	3/8"	3"	7.0mm	30
AR6 Red	3/8"	3"	7.0mm	30
AL8 Red	1/2"	3-1/2"	7.0mm	30
AR8 Red	1/2"	3-1/2"	7.0mm	30
D5 Red	5/16"	3"	6.5mm	80
D6 Red	3/8"	3"	7.0mm	80
D8 Red	1/2"	3-1/2"	7.0mm	80
AR6-35 Red	3/8"	3"	5.0mm	55
AR6-45 Red	3/8"	3"	6.5mm	45
AL6 Gold	3/8"	3"	6.5mm	30
AR6 Gold	3/8"	3"	6.5mm	30
AL8 Gold	1/2"	3-1/2"	6.5mm	30
AR8 Gold	1/2"	3-1/2"	6.5mm	30
D6 Gold	3/8"	3"	6.5mm	80
D8 Gold	1/2"	3-1/2"	6.5mm	80

Delivery: Stock - 2 Weeks

See Polycrystalline Cutting Tool Application Chart
Tools supplied with sharp nose unless specified
Special Tools quoted on request



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2018-1

Polycrystalline Cutting Tool Application Chart

Application	Black	Red	Gold	Blue
Carbide 20 - 30% Cobalt Grades (81.0 - 86.5 RA)				
.015 - .025 Depth of Cut - Rough Turning or Facing	BETTER	BEST	FAIR	GOOD
.005 - .015 Depth of Cut - Rough External or Internal Turning	BETTER	GOOD	BEST	GOOD
.001 - .005 Depth of Cut - Finish External or Internal Turning	GOOD	FAIR	BEST	GOOD
Carbide 15 - 16% Cobalt Grades (87.0 - 88.0 RA)				
.010 - .015 Depth of Cut - Rough Turning or Facing	N/R	N/R	BEST	GOOD
.005 - .010 Depth of Cut - Rough External or Internal Turning	GOOD	FAIR	BEST	GOOD
.001 - .005 Depth of Cut - Finish External or Internal Turning	POOR	POOR	BEST	GOOD
Carbide 11 - 13% Cobalt Grades (88.0 - 90.3 RA)				
.005 - .015 Depth of Cut - Rough Turning or Facing	N/R	N/R	BEST	GOOD
.001 - .005 Depth of Cut - Finish External or Internal Turning	N/R	N/R	BEST	FAIR
Hardened Steels Over 45 RC				
Roughing and Finishing	BEST	GOOD	N/R	N/R
Re-Sharpening Index 1 - 10				
(10 most difficult)	1	1	10	8

N/R - Not Recommended

Roughing cuts should be run at approximately 250 - 400 R.P.M. depending on diameter.

Internal Turning or Boring should be run at 400 - 800 R.P.M. depending on diameter.

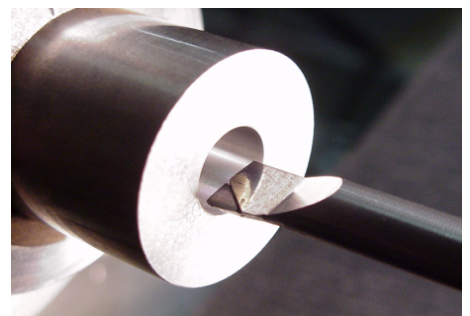
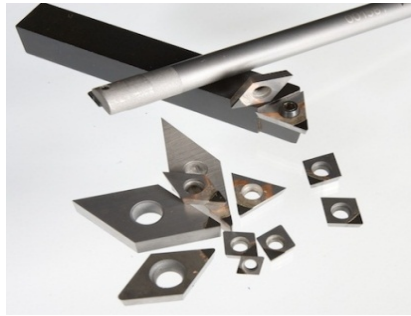
Finishing cuts can be run at 700 - 1000 R.P.M depending on diameter.

Radius on tip should be increased relative to depth of cut.

Interrupted cuts are very successful with our Red & Blue Tools.

We do not recommend coolant with our tools when cutting Carbide.

ALWAYS WEAR SAFETY GLASSES WHEN USING CUTTING TOOLS!



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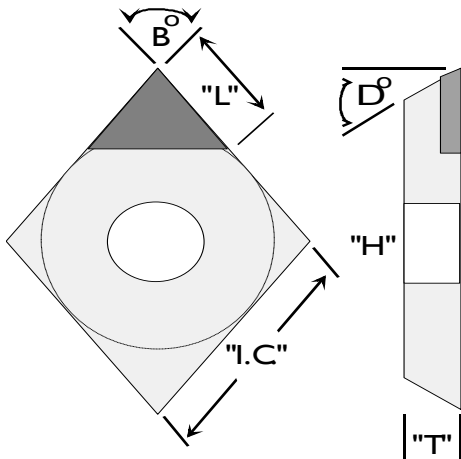
Fax: (815) 398-3875

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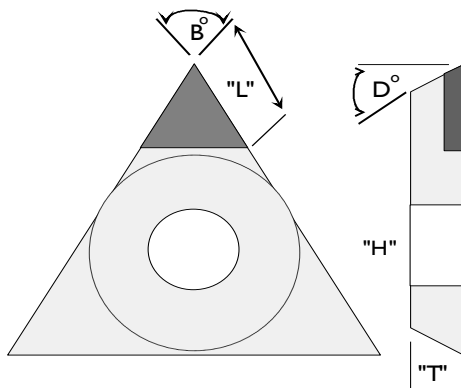
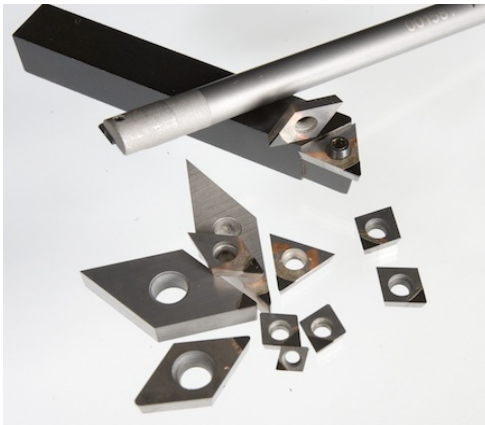


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Standard Polycrystalline Tipped Carbide Inserts



C, D & V Diamond Shaped Inserts



Triangular Shaped Inserts

Part #	I.C.	"R"	"L"	"B"	"D"	"T"
CDMW 1.20.50 Gold	5/32"	.008	2mm	80	15	.043
CDMW 1.20.51 Gold	5/32"	.015	2mm	80	15	.043
CNMA 431 Gold	1/2"	.015	3.5mm	80	0	.187
CNMA 431 Red	1/2"	.015	4mm	80	0	.187
CNMA 432 Gold	1/2"	.031	3.5mm	80	0	.187
CPMW 1.81.50 Gold	7/32"	.008	3.5mm	80	11	.093
CPMW 1.81.51 Gold	7/32"	.015	3.5mm	80	11	.093
CPMW 21.50 Gold	1/4"	.008	3.5mm	80	11	.093
CPMW 21.50 Red	1/4"	.008	3.5mm	80	11	.093
CPMW 21.51 Gold	1/4"	.015	3.5mm	80	11	.093
CPMW 21.51 Red	1/4"	.015	3.5mm	80	11	.093
DCMT 21.50 Gold	1/4"	.008	3.5mm	55	7	.093
DCMT 21.51 Gold	1/4"	.015	3.5mm	55	7	.093
DCMW 32.51 Gold	3/8"	.015	3.5mm	55	7	.156
DCMW 32.52 Gold	3/8"	.031	3.5mm	55	7	.156
DNMA 431 Gold	1/2"	.015	3.5mm	55	0	.187
DNMA 431 Red	1/2"	.015	5mm	55	0	.187
DNMA 432 Gold	1/2"	.031	3.5mm	55	0	.187
DNMA 432 Red	1/2"	.031	5mm	55	0	.187
TPG 221 Gold	1/4"	.015	3.5mm	60	11	.125
TPGA 21.50 Gold	1/4"	.008	3.5mm	60	11	.093
TPGA 21.50 Red	1/4"	.008	3.5mm	60	11	.093
TPGA 21.51 Gold	1/4"	.015	3.5mm	60	11	.093
TPGA 21.51 Red	1/4"	.015	3.5mm	60	11	.093
VNMA 330 Dub Red	3/8"	.008	2 x 5mm	35	0	.187
VNMA 330 Gold	3/8"	.008	3.5mm	35	0	.187
VNMA 331 Dub Red	3/8"	.015	2 x 5mm	35	0	.187
VNMA 331 Gold	3/8"	.015	3.5mm	35	0	.187

Delivery: Stock - 6 Weeks

Special Inserts Quoted On Request
See Polycrystalline Application Chart for Use



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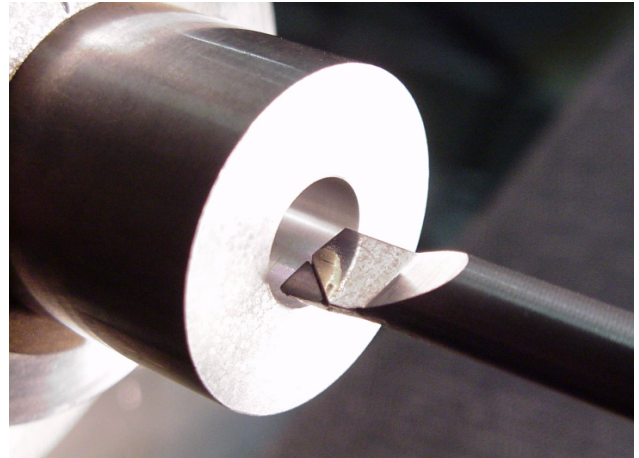
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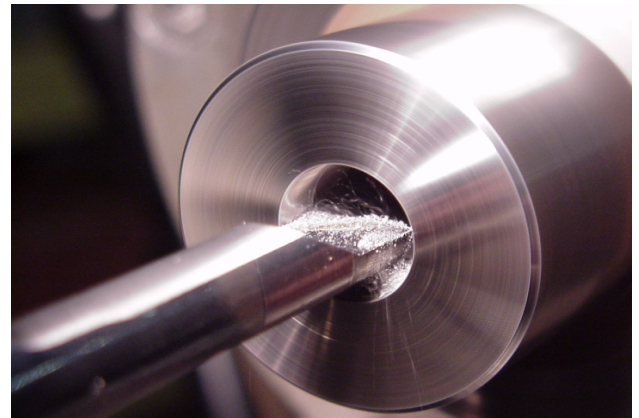
2018-1

Standard Polycrystalline Tipped Carbide Boring Bars

Part #	"A"	"B"	"C"	"L"
120-350 Gold	0.187	0.120	0.350	2.000
140-500 Gold	0.187	0.140	0.500	2.000
160-500 Gold	0.187	0.160	0.500	2.000
160-900 Gold	0.187	0.160	0.900	2.000
200-500 Gold	0.250	0.200	0.500	2.500
200-500 Red	0.250	0.200	0.500	2.500
200-1000 Gold	0.250	0.200	1.000	2.500
200-1000 Red	0.250	0.200	1.000	2.500
230-500 Gold	0.312	0.230	0.500	2.500
230-500 Red	0.312	0.230	0.500	2.500
230-1000 Gold	0.312	0.230	1.000	2.500
230-1000 Red	0.312	0.230	1.000	2.500
230-1250 Gold	0.312	0.230	1.250	2.500
230-1250 Red	0.312	0.230	1.250	2.500
290-1000 Gold	0.312	0.290	1.000	2.500
290-1000 Red	0.312	0.290	1.000	2.500
290-1250 Gold	0.312	0.290	1.250	2.500
320-500 Gold	0.312	0.320	0.500	2.500
320-500 Red	0.312	0.320	0.500	2.500
320-750 Gold	0.312	0.320	0.750	2.500
320-750 Red	0.312	0.320	0.750	2.500
320-1000 Gold	0.312	0.320	1.000	2.500
320-1000 Red	0.312	0.320	1.000	2.500
320-1500 Gold	0.375	0.320	1.500	2.500
320-1500 Red	0.375	0.320	1.500	2.500
320-1800 Gold	0.375	0.320	1.800	2.500
320-1800 Red	0.375	0.320	1.800	2.500
320-2000 Gold	0.375	0.320	2.000	4.000
320-2000 Red	0.375	0.320	2.000	4.000
360-1000 Gold	0.375	0.360	1.000	2.500
360-1000 Red	0.375	0.360	1.000	2.500



Solid Carbide Boring Bar



Delivery: Stock - 6 Weeks

Special Inserts Quoted On Request
See Polycrystalline Application Chart for Use



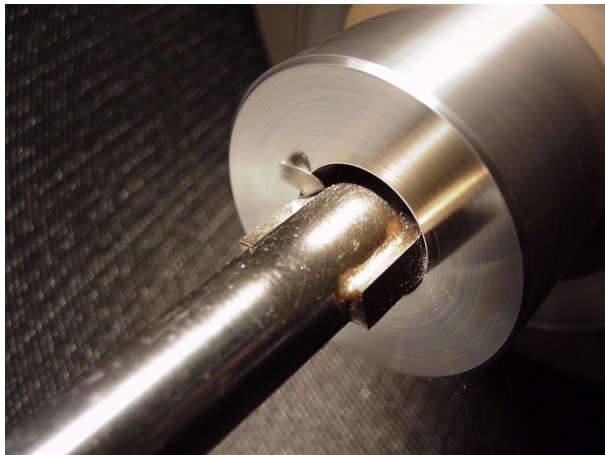
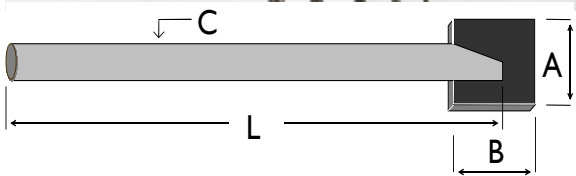
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Standard Unground Carbide Tipped Spade Reamers



Part #	"A"	"B"	"C"	"L"
G8R 3/32-052	3/32"	.250	.052	4"
G8R 3/32-062	3/32"	.250	.062	4"
G8R 1/8-078	1/8"	.250	.078	4"
G8R 1/8-085	1/8"	.250	.085	4"
G8R 1/8-093	1/8"	.250	.093	4"
G8R 5/32	5/32"	.250	.109	4"
G8R 3/16-125	3/16"	.312	.125	4"
G8R 3/16-140	3/16"	.312	.140	4"
G8R 7/32	7/32"	.375	.156	5"
G8R 1/4	1/4"	.375	.187	5"
G8R 9/32	9/32"	.375	.218	5"
G8R 5/16	5/16"	.375	.218	5"
G8R 11/32	11/32"	.375	.250	5"
G8R 3/8	3/8"	.437	.281	5"
G8R 7/16	7/16"	.437	.312	6"
G8R 1/2	1/2"	.500	.344	6"
G8R 9/16	9/16"	.625	.375	6"
G8R 5/8	5/8"	.625	.437	6"
G8R 3/4	3/4"	.750	.500	7"
G8R 7/8	7/8"	.750	.500	7"
G8R 1	1"	.750	.500	7"
G8R 1-1/8	1-1/8"	.750	.500	7"

G8R Reamer - Special Hard Carbide Grade

Delivery: Stock

For Reaming 16 - 30% Carbide Grades
 Special Reamers Quoted On Request
 Finished & Extended Length Also Available



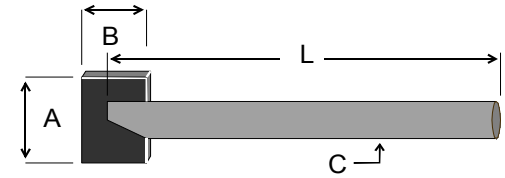
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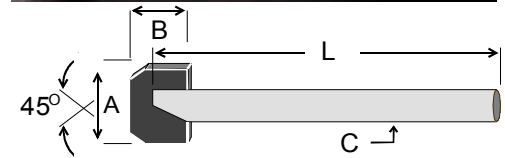
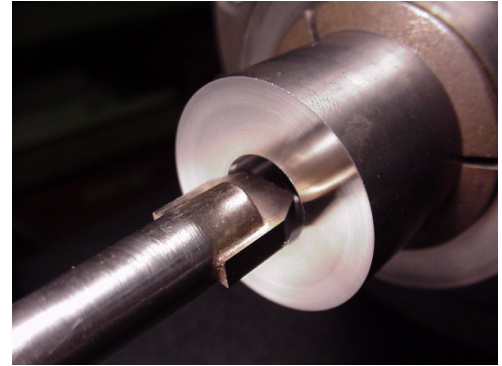
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Extended Length & Finished Reamers

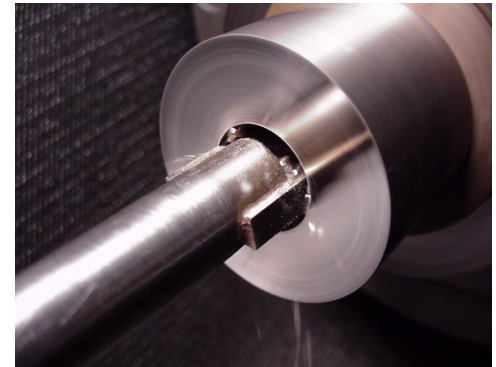
Extended Length Reamers				
Part #*	"A"	"B"	"C"	"L"
GL 3/16	3/16"	.312	.125	9"
GL 7/32	7/32"	.375	.156	9"
GL 1/4	1/4"	.375	.187	9"
GL 9/32	9/32"	.375	.218	9"
GL 5/16	5/16"	.375	.218	9"
GL 11/32	11/32"	.437	.250	9"
GL 3/8	3/8"	.437	.281	9"
GL 7/16	7/16"	.500	.312	9"
GL 1/2	1/2"	.500	.344	9"
GL 9/16	9/16"	.625	.375	9"
GL 5/8	5/8"	.625	.437	9"
GL 3/4	3/4"	.750	.500	9"
GL 7/8	7/8"	.750	.500	9"
GL 1	1"	.750	.500	9"
GL 1-1/8	1-1/8"	.750	.500	9"



GL - Extended Length Reamer



FR - Finished Reamer



Finished Reamers				
Part #*	"A"	"B"	"C"	"L"
FR 3/32	.062 - .079	.250	.062	4"
FR 1/8-078	.080 - .094	.250	.078	4"
FR 1/8-085	.095 - .102	.250	.085	4"
FR 1/8-093	.103 - .125	.250	.093	4"
FR 5/32	.126 - .156	.250	.109	4"
FR 3/16	.157 - .187	.312	.125	4"
FR 7/32	.188 - .218	.375	.156	5"
FR 1/4	.219 - .250	.375	.187	5"
FR 9/32	.251 - .281	.375	.218	5"
FR 5/16	.282 - .312	.375	.218	5"
FR 11/32	.313 - .343	.437	.250	5"
FR 3/8	.344 - .375	.437	.281	6"
FR 7/16	.376 - .437	.500	.312	6"
FR 1/2	.438 - .500	.500	.344	6"
FR 9/16	.501 - .562	.625	.375	6"
FR 5/8	.563 - .625	.625	.437	6"
FR 3/4	.626 - .755	.750	.500	7"
FR 7/8	.756 - .880	.750	.500	7"
FR 1	.881 - 1.010	.750	.500	7"
FR 1-1/8	1.011 - 1.135	.750	.500	7"

Delivery: 2 - 4 Weeks

* Supplied 45 ° Unless Otherwise Specified

* Please Specify Size

Special Reamers Quoted On Request



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Heavy Concentration Diamond Compound

Part # *	Color	Micron	Size	Diamond
Synthetic Diamond Compound				
#1-SYN-5	White	0-2	5 Gram	Synthetic
#3-SYN-5	Yellow	2-4	5 Gram	Synthetic
#6-SYN-5	Orange	4-8	5 Gram	Synthetic
#9-SYN-5	Green	8-12	5 Gram	Synthetic
#15-SYN-5	Blue	12-22	5 Gram	Synthetic
#30-SYN-5	Red	22-36	5 Gram	Synthetic
#45-SYN-5	Brown	36-54	5 Gram	Synthetic
#60-SYN-5	Purple	60 Ave.	5 Gram	Synthetic
#100-SYN-5	Purple	100 Ave.	5 Gram	Synthetic
#1-SYN-18	White	0-2	18 Gram	Synthetic
#3-SYN-18	Yellow	2-4	18 Gram	Synthetic
#6-SYN-18	Orange	4-8	18 Gram	Synthetic
#9-SYN-18	Green	8-12	18 Gram	Synthetic
#15-SYN-18	Blue	12-22	18 Gram	Synthetic
#30-SYN-18	Red	22-36	18 Gram	Synthetic
#45-SYN-18	Brown	36-54	18 Gram	Synthetic
#60-SYN-18	Purple	60 Ave.	18 Gram	Synthetic
#100-SYN-18	Purple	100 Ave.	18 Gram	Synthetic



Part # *	Color	Micron	Size	Diamond
Natural Diamond Compound				
#1-NAT-5	White	0-2	5 Gram	Natural
#3-NAT-5	Yellow	2-4	5 Gram	Natural
#6-NAT-5	Orange	4-8	5 Gram	Natural
#9-NAT-5	Green	8-12	5 Gram	Natural
#15-NAT-5	Blue	12-22	5 Gram	Natural
#30-NAT-5	Red	22-36	5 Gram	Natural
#45-NAT-5	Brown	36-54	5 Gram	Natural
#60-NAT-5	Purple	60 Ave.	5 Gram	Natural
#100-NAT-5	Purple	100 Ave.	5 Gram	Natural
#1-NAT-18	White	0-2	18 Gram	Natural
#3-NAT-18	Yellow	2-4	18 Gram	Natural
#6-NAT-18	Orange	4-8	18 Gram	Natural
#9-NAT-18	Green	8-12	18 Gram	Natural
#15-NAT-18	Blue	12-22	18 Gram	Natural
#30-NAT-18	Red	22-36	18 Gram	Natural
#45-NAT-18	Brown	36-54	18 Gram	Natural
#60-NAT-18	Purple	60 Ave.	18 Gram	Natural
#100-NAT-18	Purple	100 Ave.	18 Gram	Natural



Thinner - 1 Pint Container
Thinner - 1 Quart Container

Delivery: Stock - 2 Weeks

* Please Specify Jar or Syringe
All Diamond Compound is Water Soluble

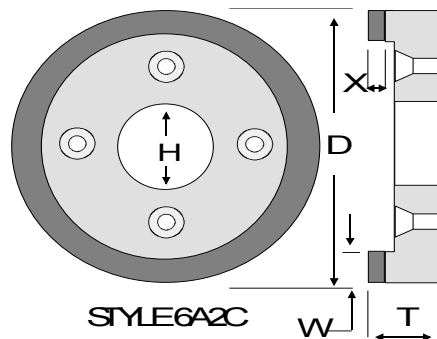
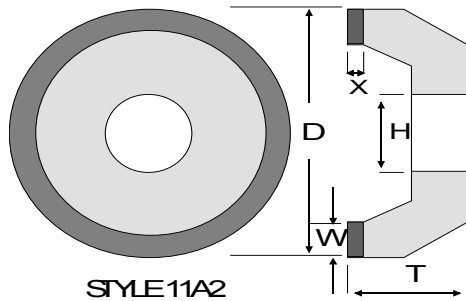
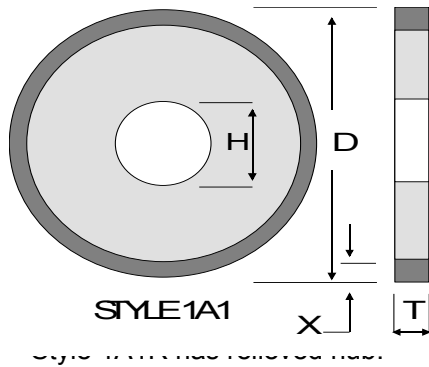


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2018-1

Standard Diamond Grinding Wheels



Stock Wheels								
Part #	Style	D	T	H	X	W	Grit	Con.
D1A1R-6	1A1R	6	.035	1-1/4	1/4	N/A	D150	R100
D1A1R-7	1A1R	7	.035	1-1/4	1/4	N/A	D150	R100
D1A1R-8	1A1R	8	.040	1-1/4	1/4	N/A	D150	R100
D2512	11A2	4	1-1/4	20mm	1/8	1/4	D150	R100
D2525	11A2	4	1-1/4	20mm	1/4	1/4	D150	R100
D5012	11A2	4	1-1/4	20mm	1/8	1/2	D150	R100
D5025	11A2	4	1-1/4	20mm	1/4	1/2	D150	R100
D6A2C-150	6A2C	6	3/4	1-1/4	1/8	3/4	D150	R100
D6A2C-220	6A2C	6	3/4	1-1/4	1/8	3/4	D220	S125
D6A2C-400	6A2C	6	3/4	1-1/4	1/8	3/4	D400	S125
V6A2C-2	6A2C	6	3/4	1-1/4	1/4	1/2	SD400	L100
V6A2C-4	6A2C	6	3/4	1-1/4	1/4	3/4	SD400	L100

Non-Stock Wheels								
Part #	Style	D	T	H	X	W	Grit	Con.
D1A1-61	1A1	6	1/2	1-1/4	1/8	N/A	D120	R100
D1A1-62	1A1	6	1/2	1-1/4	1/4	N/A	D120	R100
D1A1-63	1A1	6	1/2	1-1/4	1/8	N/A	D220	R100
D1A1-64	1A1	6	1/2	1-1/4	1/4	N/A	D220	R100
D1A1-71	1A1	7	1/2	1-1/4	1/8	N/A	D120	T100
D1A1-101	1A1	10	1/2	3	1/8	N/A	D120	R100
D1A1-102	1A1	10	1/2	3	1/4	N/A	D120	R100

1A1 Style Wheels are used for Surface and or O.D. Grinding.

11A2 Style Wheels are used on Deckel and Kuhlman Grinders.

D6A2 Style Wheels are best for grinding Carbide Tools.

V6A2 Style Wheels are best for grinding Polycrystalline Tools.

*****Rockform will quote any Size or Style - Diamond or CBN Grinding Wheel*****

Delivery on Non-Stock Items: 3 - 4 Weeks



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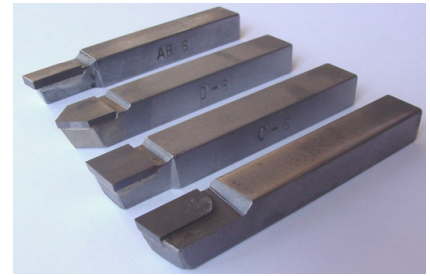
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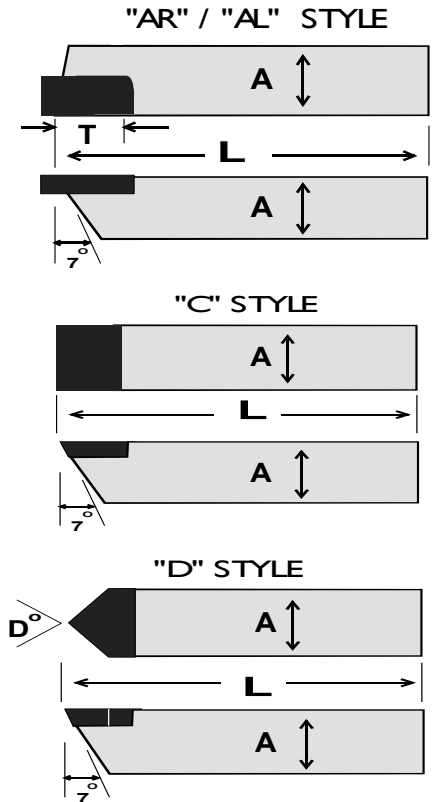
2018-1

Standard Carbide Tipped Turning Tools

Stock Carbide Tipped Turning Tools				
Part #	"A"	"L"	"D"	Hardness
AL6-G8R	3/8"	2-1/2"	N/A	94.0 RA
AR6-G8R	3/8"	2-1/2"	N/A	94.0 RA
C6-G8R	3/8"	2-1/2"	N/A	94.0 RA
D6-G8R	3/8"	2-1/2"	80°	94.0 RA
AL6-C4	3/8"	2-1/2"	N/A	93.0 RA
AR6-C4	3/8"	2-1/2"	N/A	93.0 RA
C6-C4	3/8"	2-1/2"	N/A	93.0 RA
D6-C4	3/8"	2-1/2"	80°	93.0 RA



Non-Stock Carbide Tipped Turning Tools				
Part #	"A"	"L"	"D"	Hardness
AL6-C2	3/8"	2-1/2"	N/A	92.0 RA
AR6-C2	3/8"	2-1/2"	N/A	92.0 RA
C6-C2	3/8"	2-1/2"	N/A	92.0 RA
D6-C2	3/8"	2-1/2"	80°	92.0 RA
AL6-C5	3/8"	2-1/2"	N/A	91.5 RA
AR6-C5	3/8"	2-1/2"	N/A	91.5 RA
C6-C5	3/8"	2-1/2"	N/A	91.5 RA
D6-C5	3/8"	2-1/2"	80°	91.5 RA
AL8-C4	1/2"	3-1/2"	N/A	93.0 RA
AR8-C4	1/2"	3-1/2"	N/A	93.0 RA
C8-C4	1/2"	3-1/2"	N/A	93.0 RA
D8-C4	1/2"	3"	80°	93.0 RA
AL8-C2	1/2"	3-1/2"	N/A	92.0 RA
AR8-C2	1/2"	3"	N/A	92.0 RA
C8-C2	1/2"	3-1/2"	N/A	92.0 RA
D8-C2	1/2"	3"	80°	92.0 RA



Grade "G8R" - Best For Cutting Hardened Tool Steel

Grade "C4" - Economic Alternative to "G8R"

Grade "C2" - General Purpose Cutting of Non Ferrous Materials & Cast Iron

Grade "C5" - General Purpose Cutting of Ferrous Materials

Delivery on Non-Stock Items: 2 - 6 Weeks

Special Carbide Tools Quoted on Request
Sold in Box Quantities of 12 pcs. per Box



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Diamond & Borazon Honing Stones

Part # *	Grit **	Hardness **	Bore Size**	Length
BL3	*	H	.100 - .120	1.000
BL4	*	H	.120 - .150	1.000
BL5	*	H	.150 - .185	1.250
BL6	*	H	.185 - .245	1.370
BL8	*	S, M, H	.245 - .308	2.250
BL10	*	S, M, H	.308 - .370	2.250
BL12	*	S, M, H	.370 - .485	3.500
BL16	*	S, M, H	.485 - .619	4.500
BL20	*	S, M, H	.619 - .744	4.500
K3	*	H	.100 - .120	0.562
K4	*	H	.120 - .150	0.562
K5	*	H	.150 - .185	0.687
K6	*	H	.185 - .245	0.750
K8	*	S, M, H	.245 - .308	1.250
K10	*	S, M, H	.308 - .370	1.250
K12	*	S, M, H	.370 - .485	1.750
K16	*	S, M, H	.485 - .619	2.250
K20	*	S, M, H	.619 - .744	2.500
P20	*	S, M, H	.619 - 1.000	2.500
P28	*	S, M, H	1.000 - 3.625	3.280



Finish In Carbide

100 Grit 50 RMS

220 Grit 20 RMS

400 Grit 16 RMS

600 Grit 8 RMS

800 Grit 6 RMS



* If bore length is more than 1-1/2 times the "K" stone length, use the "BL" type stone.

** Must specify the following:

--Hardness - Soft, Medium, or Hard

--Grit (100, 150, 220, 280, 400, 600, 800, or Sunnen Part #)

--Diamond or Borazon (CBN)

--Bore Size from range listed above

Delivery: 3 Weeks



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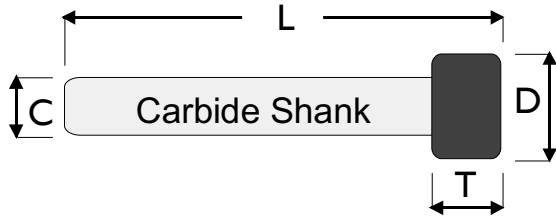
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Diamond & Borazon I.D. Grinding Wheels



Standard Wheels are Vitrified Diamond

Part #	D	T	C	L	Grit
G15	0.115	0.187	0.093	2.000	180
G16	0.125	0.187	0.093	2.000	180
G17	0.125	0.250	0.093	2.000	180
G19	0.156	0.187	0.093	2.000	180
G20	0.156	0.250	0.125	2.000	180
G21	0.187	0.125	0.125	2.000	180
G22	0.187	0.187	0.125	2.000	180
G23	0.187	0.250	0.125	2.000	180
G24	0.187	0.250	0.187	2.500	180
G25	0.250	0.125	0.125	2.000	150
G26	0.250	0.250	0.125	2.000	150
G27	0.250	0.250	0.187	2.500	150
G29	0.281	0.250	0.250	2.000	150
G30	0.281	0.250	0.187	2.500	150
G31	0.312	0.250	0.187	2.500	150
G32	0.312	0.312	0.187	2.500	150
G33A	0.344	0.312	0.187	2.500	150
G33	0.375	0.125	0.187	2.500	150
G34	0.375	0.250	0.187	2.500	100
G35	0.375	0.375	0.187	2.500	100
G36	0.375	0.375	0.250	2.500	100
G37A	0.437	0.375	0.250	2.500	100
G37	0.500	0.125	0.187	2.500	100
G38	0.500	0.250	0.187	2.500	100
G39	0.500	0.375	0.250	2.500	100
G40	0.500	0.500	0.250	2.500	100
G41A	0.562	0.375	0.250	2.500	100
G41	0.625	0.250	0.250	2.500	100
G42	0.625	0.375	0.250	2.500	100
G43	0.750	0.250	0.250	2.500	100
G44	0.750	0.375	0.250	2.500	100
G45	1.000	0.250	0.250	2.500	100
G46	1.000	0.375	0.250	2.500	100
G47	1.000	0.375	0.375	3.000	100

Delivery: 3 Weeks

Available in Vitrified, Resin, and Metal Bond
60 - 400 Grit Available at No Extra Charge
Custom Size and Shape Quoted on Request



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2018-1

Standard Copper Tungsten EDM Electrodes

Part #	"A" (Dia.)	Tolerance	"L" (Lg.)
GE-437	0.437	+0.005	8"
GE-500	0.500	+0.005	8"
GE-562	0.562	+0.015	8"
GE-625	0.625	+0.015	8"
GE-750	0.750	+0.015	8"
GE-875	0.875	+0.015	8"
GE-1000	1.000	+0.015	8"
GE-1125	1.125	+0.015	8"
GE-1250	1.250	+0.015	8"
GE-1375	1.375	+0.015	8"
GE-1500	1.500	+0.015	8"
GE-1750	1.750	+0.015	8"
GE-2000	2.000	+0.030	8"



Grade	Composition	Hardness	Tensile	Conductivity
GW70	70W, 30Cu	90RB	85,000	50% IACS
GW75	75W, 25Cu	94RB	90,000	48% IACS
GW80	80W, 20Cu	98RB	96,000	44% IACS

Grade GW70 is most commonly used for EDM electrodes due to its higher burning rate, lower cost, and better machinability.

If a better finish is required, then Grade GW75 or GW80 may be a better choice.

Delivery: 1 - 3 Weeks

Available up to 2-1/2" Diameter
Rectangles Available up to 2" x 4" x 8" LG.



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Standard Copper Tungsten EDM Electrodes



Part #	"A" (Dia.)	Tolerance	"L" (Lg.)
GE-040	0.040	+/- .0005	7"
GE-045	0.045	+/- .0005	7"
GE-050	0.050	+/- .0005	7"
GE-055	0.055	+/- .0005	7"
GE-060	0.060	+/- .0005	8"
GE-065	0.065	+/- .0005	8"
GE-070	0.070	+/- .0005	8"
GE-075	0.075	+/- .0005	8"
GE-080	0.080	+/- .0005	8"
GE-085	0.085	+/- .0005	8"
GE-090	0.090	+/- .0005	8"
GE-095	0.095	+/- .0005	8"
GE-100	0.100	+/- .0005	8"
GE-105	0.105	+/- .0005	8"
GE-110	0.110	+/- .0005	8"
GE-115	0.115	+/- .0005	8"
GE-120	0.120	+/- .0005	8"
GE-125	0.125	+ .005	8"
GE-135	0.135	+/- .0005	8"
GE-140	0.140	+/- .0005	8"
GE-150	0.150	+/- .0005	8"
GE-156	0.156	+ .005	8"
GE-170	0.170	+/- .0005	8"
GE-180	0.180	+/- .0005	8"
GE-185	0.185	+/- .0005	8"
GE-187	0.187	+ .005	8"
GE-200	0.200	+/- .0005	8"
GE-210	0.210	+/- .0005	8"
GE-220	0.220	+/- .0005	8"
GE-235	0.235	+/- .0005	8"
GE-250	0.250	+ .005	8"
GE-265	0.265	+/- .0005	8"
GE-280	0.280	+/- .0005	8"
GE-300	0.300	+/- .0005	8"
GE-312	0.312	+ .005	8"
GE-375	0.375	+ .005	8"

Grade	Composition	Hardness	Tensile	Conductivity
GW70	70W, 30Cu	90RB	85,000	50% IACS
GW75	75W, 25Cu	94RB	90,000	48% IACS
GW80	80W, 20Cu	98RB	96,000	44% IACS

Grade GW70 is most commonly used for EDM electrodes due to its higher burning rate, lower cost, and better machinability.

If a better finish is required, then Grade GW75 or GW80 may be a better choice.

Delivery: 1 - 3 Weeks

Available up to 2-1/2" Diameter
Rectangles Available up to 2" x 4" x 8" LG.



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Deckel SO Grinder & Accessories



Part #	Description
SO-110V	SO 1 x 110V/60Hz 1/3 HP 2,730 RPM
SO-220V	SO 3 x 220V/60Hz 1/3 HP 2,730 RPM
SO-440V	SO 3 x 440V/60Hz 1/3 HP 2,730 RPM
SO-PED	Deckel SO Pedestal
SO-062	1/16" (.062) Collet
SO-078	5/64" (.078) Collet
SO-093	3/32" (.093) Collet
SO-109	7/64" (.109) Collet
SO-125	1/8" (.125) Collet
SO-156	5/32" (.156) Collet
SO-187	3/16" (.187) Collet
SO-218	7/32" (.218) Collet
SO-250	1/4" (.250) Collet
SO-281	9/32" (.281) Collet
SO-312	5/16" (.312) Collet
SO-343	11/32" (.343) Collet
SO-375	3/8" (.375) Collet
SO-437	7/16" (.437) Collet
SO-500	1/2" (.500) Collet
SO-SET	1 Set 1/16" - 1/2" Collets (15 Total)
D5012	Diamond Wheel D11A2 W=1/2" X=1/8"
D5025	Diamond Wheel D11A2 W=1/2" X=1/4"
D2512	Diamond Wheel D11A2 W=1/4" X=1/8"
D2525	Diamond Wheel D11A2 W=1/4" X=1/4"

Delivery: 2 Weeks

See Standard Diamond Wheel Sheet for Specs
 Used Deckel SO Grinders Available
 Special Collets Quoted on Request



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Miscellaneous Tool Room Supplies

Part #	Description
1#-GATORLUBE	Press Fit Lubricant- 1 lb
2#-GATORLUBE	Press Fit Lubricant- 2 lbs
5#-GATORLUBE	Press Fit Lubricant- 5 lbs
10#-GATORLUBE	Press Fit Lubricant- 10 lbs
25#-GATORLUBE	Press Fit Lubricant- 25 lbs
1/2#-CERRO117	117° Low Melting Alloy - 8 oz.
1#-CERRO117	117° Low Melting Alloy - 1 lb
COTTON	1 lb. Cotton Roll
PD4W	Aluminum Oxide Dressing Stick
DV59-COMPOUND	ReBuilt DV-59 Compound



"Gator Lube" Press Fit Lubricant

The base of this blend is Instead-a-Led, with lubricants added to ease the pressure and friction of press fitting inserts into cases or any other high pressure applications.

Cerro-117 Low Melting Alloy

This product is a toolroom must for checking and inspecting internal dimensions. With a 117° F melting point, our Cerro-117 is stocked in 8 oz. pucks. A discounted price is offered for a 1 lb. purchase.

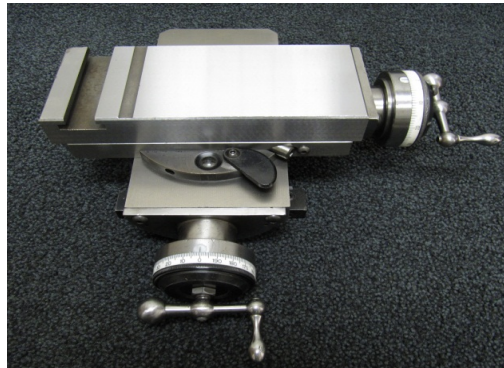


Cotton

Natural cotton has a longer fiber, making it easier to roll onto a wiping rod for cleaning the I.D. on carbide heading inserts after lapping, polishing or honing. Stocked in a 1 lb. roll, wrapped in clean paper to keep it free from contamination.

Aluminum Oxide Dressing Sticks

Dressing sticks in aluminum oxide are used for truing and dressing vitrified wheels, superabrasives and diamond wheels.



ReBuilt Hardinge DV-59 Cross Slides

Exchange program in which customer supplies used compound. Rockform supplies rebuilt, like-new, in exchange. See Specification Insert for more details.

Delivery: Call for Availability



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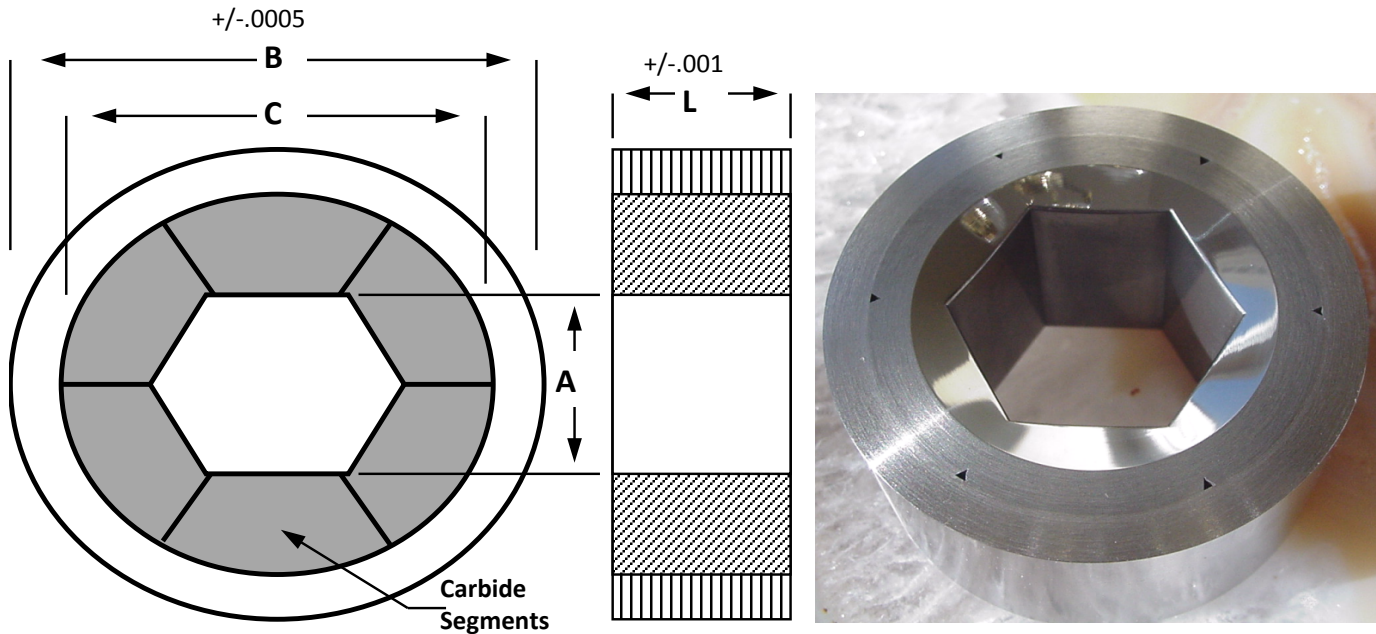
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Segmented Carbide Hex Washer Head Inserts



Part #	Hex Size	"A"	"B"	"C"	"L"
GSHI-3/16	3/16"	0.182 - 0.183	0.625	0.518	0.313
GSHI-1/4	1/4"	0.246 - 0.247	0.742	0.615	0.438
GSHI-5/16	5/16"	0.307 - 0.308	0.742	0.615	0.438
GSHI-3/8	3/8"	0.369 - 0.370	0.993	0.824	0.438
GSHI-7/16	7/16"	0.429 - 0.430	0.993	0.824	0.500
GSHI-1/2	1/2"	0.492 - 0.493	1.244	1.036	0.500
GSHI-9/16	9/16"	0.553 - 0.554	1.244	1.036	0.500
GSHI-5/8	5/8"	0.611 - 0.612	1.244	1.036	0.500
GSHI-3/4	3/4"	0.736 - 0.737	1.495	1.240	0.750
GSHI-5	5mm	0.193 - 0.194	0.742	0.615	0.313
GSHI-5.5	5.5mm	0.213 - 0.214	0.742	0.615	0.438
GSHI-6	6mm	0.232 - 0.233	0.742	0.615	0.438
GSHI-7	7mm	0.270 - 0.271	0.742	0.615	0.438
GSHI-8	8mm	0.310 - 0.311	0.742	0.615	0.438
GSHI-10	10mm	0.388 - 0.389	0.993	0.824	0.438
GSHI-12	12mm	0.465 - 0.466	0.993	0.824	0.500
GSHI-13	13mm	0.503 - 0.504	1.244	1.036	0.500
GSHI-14	14mm	0.542 - 0.543	1.244	1.036	0.500
GSHI-15	15mm	0.582 - 0.583	1.244	1.036	0.500
GSHI-17	17mm	0.661 - 0.662	1.244	1.036	0.625

Delivery: Stock - 3 Weeks

Blanket Orders Accepted

Flange and Washer Head Inserts Available

Complete Assembly with Case Available

Segmented Shapes Quoted to your Specifications



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