

Re Grind Pricelist

March 8, 2021



Square End Mills

Size		High Speed Steel				Carbide				Optional Extra Charges*			
		End Only		O/D & End		End Only		O/D & End		TiN		ALL4	
Fractional	Metric	Part#	Price	Part#	Price	Part#	Price	Part#	Price	Part#	Price	Part#	Price
1/8"	3mm	SEMHSSE125	\$7.89	SEMHSOE125	\$9.03	SEMCBDE125	\$7.89	SEMCBDOE125	\$9.03	EMTIN125	\$1.77	EMALL4125	\$3.42
3/16"	4mm	SEMHSSE188	\$7.89	SEMHSOE188	\$9.03	SEMCBDE188	\$7.89	SEMCBDOE188	\$9.03	EMTIN188	\$2.57	EMALL4188	\$4.96
1/4"	6mm	SEMHSSE250	\$7.89	SEMHSOE250	\$9.03	SEMCBDE250	\$7.89	SEMCBDOE250	\$9.03	EMTIN250	\$4.46	EMALL4250	\$8.60
5/16"	8mm	SEMHSSE312	\$9.03	SEMHSOE312	\$10.17	SEMCBDE312	\$9.03	SEMCBDOE312	\$10.17	EMTIN312	\$5.49	EMALL4312	\$10.58
3/8"	10mm	SEMHSSE375	\$10.17	SEMHSOE375	\$11.31	SEMCBDE375	\$11.31	SEMCBDOE375	\$12.46	EMTIN375	\$6.57	EMALL4375	\$12.67
7/16"	11mm	SEMHSSE437	\$10.17	SEMHSOE437	\$11.31	SEMCBDE437	\$11.31	SEMCBDOE437	\$12.46	EMTIN437	\$7.03	EMALL4437	\$13.56
1/2"	13mm	SEMHSSE500	\$11.31	SEMHSOE500	\$11.31	SEMCBDE500	\$12.46	SEMCBDOE500	\$14.74	EMTIN500	\$7.49	EMALL4500	\$14.44
9/16"	14mm	SEMHSSE562	\$12.46	SEMHSOE562	\$14.74	SEMCBDE562	\$15.89	SEMCBDOE562	\$18.17	EMTIN562	\$9.43	EMALL4562	\$18.18
5/8"	16mm	SEMHSSE625	\$13.60	SEMHSOE625	\$15.89	SEMCBDE625	\$19.31	SEMCBDOE625	\$21.60	EMTIN625	\$11.37	EMALL4625	\$21.93
3/4"	19mm	SEMHSSE750	\$14.74	SEMHSOE750	\$18.17	SEMCBDE750	\$21.60	SEMCBDOE750	\$26.17	EMTIN750	\$12.40	EMALL4750	\$23.91
7/8"	22mm	SEMHSSE875	\$15.89	SEMHSOE875	\$21.60	SEMCBDE875	\$28.46	SEMCBDOE875	\$35.31	EMTIN875	\$15.54	EMALL4875	\$29.98
1"	25mm	SEMHSSE1000	\$17.03	SEMHSOE1000	\$25.03	SEMCBDE1000	\$35.31	SEMCBDOE1000	\$45.60	EMTIN1000	\$18.74	EMALL41000	\$36.15
1-1/4"	32mm	SEMHSSE1250	\$21.60	SEMHSOE1250	\$29.60	SEMCBDE1250	\$41.03	SEMCBDOE1250	\$57.03	EMTIN1250	\$25.89	EMALL41250	\$49.92
1-1/2"	38mm	SEMHSSE1500	\$22.74	SEMHSOE1500	\$36.46	SEMCBDE1500	\$45.60	SEMCBDOE1500	\$68.46	EMTIN1500	\$33.03	EMALL41500	\$63.70

** For Roughing Cutters, use O/D & End Pricing

Packaging: sorted, measured, labeled & packaged in plastic tubes

Re Grind Pricelist

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Size		High Speed Steel				Carbide				Optional Extra Charges*			
		End Only		O/D & End		End Only		O/D & End		TiN		ALL4	
Fractional	Metric	Part#	Price	Part#	Price	Part#	Price	Part#	Price	Part#	Price	Part#	Price
1/8"	3mm	BEMHSSE125	\$9.03	BEMHSSOE125	\$10.17	BEMCBDE125	\$9.03	BEMCBDOE125	\$10.17	EMTIN125	\$1.77	EMALL4125	\$2.39
3/16"	4mm	BEMHSSE188	\$9.03	BEMHSSOE188	\$10.17	BEMCBDE188	\$9.03	BEMCBDOE188	\$10.17	EMTIN188	\$2.57	EMALL4188	\$3.47
1/4"	6mm	BEMHSSE250	\$9.03	BEMHSSOE250	\$10.17	BEMCBDE250	\$9.03	BEMCBDOE250	\$10.17	EMTIN250	\$4.46	EMALL4250	\$6.02
5/16"	8mm	BEMHSSE312	\$10.17	BEMHSSOE312	\$11.31	BEMCBDE312	\$10.17	BEMCBDOE312	\$11.31	EMTIN312	\$5.49	EMALL4312	\$7.41
3/8"	10mm	BEMHSSE375	\$12.46	BEMHSSOE375	\$13.60	BEMCBDE375	\$13.60	BEMCBDOE375	\$14.74	EMTIN375	\$6.57	EMALL4375	\$8.87
7/16"	11mm	BEMHSSE437	\$12.46	BEMHSSOE437	\$13.60	BEMCBDE437	\$13.60	BEMCBDOE437	\$14.74	EMTIN437	\$7.03	EMALL4437	\$9.49
1/2"	13mm	BEMHSSE500	\$12.46	BEMHSSOE500	\$13.60	BEMCBDE500	\$14.74	BEMCBDOE500	\$17.03	EMTIN500	\$7.49	EMALL4500	\$10.11
9/16"	14mm	BEMHSSE562	\$14.74	BEMHSSOE562	\$17.03	BEMCBDE562	\$17.03	BEMCBDOE562	\$19.31	EMTIN562	\$9.43	EMALL4562	\$12.73
5/8"	16mm	BEMHSSE625	\$15.89	BEMHSSOE625	\$18.17	BEMCBDE625	\$21.60	BEMCBDOE625	\$23.89	EMTIN625	\$11.37	EMALL4625	\$15.35
3/4"	19mm	BEMHSSE750	\$17.03	BEMHSSOE750	\$20.46	BEMCBDE750	\$23.89	BEMCBDOE750	\$28.46	EMTIN750	\$12.40	EMALL4750	\$16.74
7/8"	22mm	BEMHSSE875	\$15.89	BEMHSSOE875	\$21.60	BEMCBDE875	\$30.74	BEMCBDOE875	\$37.60	EMTIN875	\$15.54	EMALL4875	\$20.98
1"	25mm	BEMHSSE1000	\$18.17	BEMHSSOE1000	\$26.17	BEMCBDE1000	\$37.60	BEMCBDOE1000	\$49.03	EMTIN1000	\$18.74	EMALL41000	\$25.30
1-1/4"	32mm	BEMHSSE1250	\$20.46	BEMHSSOE1250	\$30.74	BEMCBDE1250	\$43.31	BEMCBDOE1250	\$60.46	EMTIN1250	\$25.89	EMALL41250	\$34.95
1-1/2"	38mm	BEMHSSE1500	\$22.74	BEMHSSOE1500	\$44.46	BEMCBDE1500	\$49.03	BEMCBDOE1500	\$71.89	EMTIN1500	\$33.03	EMALL41500	\$44.59

** For Roughing Cutters, use O/D & End Pricing

Packaging: sorted, measured, labeled & packaged in plastic tubes

March 8, 2021

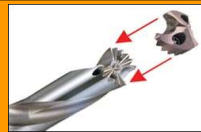
Compression Router Bits

Size Fractional Range	Part#	Price
1/4"	CMPB250	\$20.46
3/8"	CMPB375	\$23.89
1/2"	CMPB500	\$29.60
5/8"	CMPB625	\$37.60
3/4"	CMPB750	\$50.17



Re Grind Pricelist

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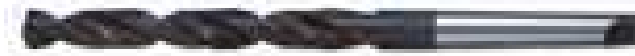
Size		Solid Carbide & Carbide Tipped		Optional Extra Charges*							
Fractional	Metric	Part#	Price	TiN		ALL4		Helica		Helica SMD Tip	
				Part#	Price	Part#	Price	Part#	Price	Part#	Price
1/8"	3mm	HPD125	\$19.31	HPDTIN125	\$1.83	HPDALL4125	\$3.53	HPDHELICA125	\$5.23		
3/16"	4mm	HPD188	\$19.31	HPDTIN188	\$2.67	HPDALL4188	\$5.15	HPDHELICA188	\$7.63		
1/4"	6mm	HPD250	\$19.31	HPDTIN250	\$4.62	HPDALL4250	\$8.91	HPDHELICA250	\$13.20		
5/16"	8mm	HPD312	\$19.31	HPDTIN312	\$8.40	HPDALL4312	\$16.20	HPDHELICA312	\$24.00		
3/8"	10mm	HPD375	\$20.46	HPDTIN375	\$10.01	HPDALL4375	\$19.31	HPDHELICA375	\$28.61	HELICATIP375	\$13.67
7/16"	11mm	HPD437	\$21.60	HPDTIN437	\$10.99	HPDALL4437	\$21.19	HPDHELICA437	\$31.39	HELICATIP437	\$15.47
1/2"	13mm	HPD500	\$22.74	HPDTIN500	\$12.10	HPDALL4500	\$23.33	HPDHELICA500	\$34.56	HELICATIP500	\$16.62
9/16"	14mm	HPD562	\$22.74	HPDTIN562	\$15.03	HPDALL4562	\$28.99	HPDHELICA562	\$42.95	HELICATIP562	\$17.57
5/8"	16mm	HPD625	\$25.03	HPDTIN625	\$16.35	HPDALL4625	\$31.52	HPDHELICA625	\$46.70	HELICATIP625	\$18.71
3/4"	19mm	HPD750	\$28.46	HPDTIN750	\$22.39	HPDALL4750	\$43.17	HPDHELICA750	\$63.96	HELICATIP750	\$20.25
7/8"	22mm	HPD875	\$30.74	HPDTIN875	\$28.22	HPDALL4875	\$54.43	HPDHELICA875	\$80.63	HELICATIP875	\$28.89
1"	25mm	HPD1000	\$33.03	HPDTIN1000	\$28.22	HPDALL41000	\$54.43	HPDHELICA1000	\$80.63	HELICATIP1000	\$30.03
1-1/4"	32mm	HPD1250	\$37.60	HPDTIN1250	\$41.48	HPDALL41250	\$80.00	HPDHELICA1250	\$118.52	HELICATIP1250	\$38.90
1-1/2"	38mm	HPD1500	\$45.60	HPDTIN1500	\$41.49	HPDALL41500	\$80.01	HPDHELICA1500	\$118.53	HELICATIP1500	\$41.19

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HSS Taper Shank Drills

Size Fractional Range	Part#	Price
1/4"-1/2"	TSD500	\$7.43
33/64"-5/8"	TSD625	\$9.71
41/64"-3/4"	TSD750	\$12.00
49/64"-1"	TSD1000	\$16.57
1-1/64"-1-1/16"	TSD1063	\$18.86
1-5/64"-1-1/8"	TSD1125	\$21.14
1-9/64"-1-1/4"	TSD1250	\$22.29
1-17/64"-1-3/8"	TSD1375	\$24.57
1-25/64"-1-1/2"	TSD1500	\$26.86
1-33/64"-1-3/4"	TSD1750	\$30.74
1-49/64"-2"	TSD2000	\$34.17
2-17/64"-2-1/4"	TSD2250	\$37.60
2-25/64"-2-1/2"	TSD2500	\$41.03
2-33/64"-2-3/4"	TSD2750	\$44.46
2-49/64"-3"	TSD3000	\$50.17
Chop off 0-1"	TSDCHOP-1	\$28.57
Chop off >1-2"	TSDCHOP-2	\$40.00
Chop off >2"	TSDCHOP-3	\$51.43



Web Thinning Notch is included

Re Grind Pricelist

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Reamers

Size		HSS & Carbide End Only	
Fractional	Metric	Part#	Price
1/8"	3mm	SEMHSSE125	\$7.89
3/16"	4mm	SEMHSSE188	\$7.89
1/4"	6mm	SEMHSSE250	\$7.89
5/16"	8mm	SEMHSSE312	\$9.03
3/8"	10mm	SEMHSSE375	\$10.17
7/16"	11mm	SEMHSSE437	\$10.17
1/2"	13mm	SEMHSSE500	\$11.31
9/16"	14mm	SEMHSSE562	\$12.46
5/8"	16mm	SEMHSSE625	\$13.60
3/4"	19mm	SEMHSSE750	\$14.74
7/8"	22mm	SEMHSSE875	\$15.89
1"	25mm	SEMHSSE1000	\$17.03
1-1/4"	32mm	SEMHSSE1250	\$21.60
1-1/2"	38mm	SEMHSSE1500	\$22.74



Straight Shank or MT#1, MT#2, MT#3, MT#4. Tapered End Mills are Not Done. Carbide Tipped are Not Done.

** Pricing above is to regrind Chamfered cutting edge only. If O/D is required, pricing is based on time of work & tolerance

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Counterbores


Size	Part#	Price
Fractional Range		
1/4"-1/2"	CTB500	\$19.31
33/64"-5/8"	CTB625	\$21.60
41/64"-3/4"	CTB750	\$23.89
49/64"-1"	CTB1000	\$26.17
1-1/64"-1-1/16"	CTB1063	\$29.60
1-5/64"-1-1/8"	CTB1125	\$31.89
1-9/64"-1-1/4"	CTB1250	\$35.31
1-17/64"-1-3/8"	CTB1375	\$38.74
1-25/64"-1-1/2"	CTB1500	\$42.17



MT#1, MT#2, MT#3, MT#4 & Straight Shank Counterbores Can Be Re-Grind, Includes Primary & Secondary End Face Grinding

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HSS & Carbide Spotting Drills		
Size	Part#	Price
Fractional Range		
1/4"	SPD250	\$11.31
3/8"	SPD375	\$13.60
1/2"	SPD500	\$17.03
5/8"	SPD625	\$20.46
3/4"	SPD750	\$22.74
1"	SPD1000	\$26.17




90 Degree or 120 Degree Points with Web Thinning Notch

Packaging: sorted, measured, labeled & packaged in plastic tubes

Re Grind Pricelist

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Spot Weld Drills		
Size	Part#	Price
Fractional Range		
1/4"	SWD1	\$9.03
5/16"	SWD2	\$11.31
1/2"	SWD3	\$13.60



Regrind or create point on normal drill

Re Grind Pricelist

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HSS Drills					
Size		Metric	Part#	Price	Includes Split Point, Point may be any angle 
Fractional	Decimal				
1/8"	.125-.186	3mm	HSSD125	\$1.14	
3/16"	.187-.249	4mm	HSSD188	\$1.43	
1/4"	.250-.311	6mm	HSSD250	\$1.71	
5/16"	.312-.374	8mm	HSSD312	\$2.57	
3/8"	.375-.436	10mm	HSSD375	\$3.43	
7/16"	.437-.499	11mm	HSSD437	\$4.00	
1/2"	.500-.561	13mm	HSSD500	\$5.14	
9/16"	.562-.624	14mm	HSSD562	\$8.57	
5/8"	.625-.749	16mm	HSSD625	\$9.71	
3/4"	.750-.874	19mm	HSSD750	\$12.00	
7/8"	.875-.999	22mm	HSSD875	\$14.29	
1"	1.000-1.249	25mm	HSSD1000	\$16.57	
1-1/4"	1.250-1.499	32mm	HSSD1250	\$22.29	
1-1/2"	1.500-1.625	38mm	HSSD1500	\$26.86	

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HSS & Carbide Countersinks

Size	Part#	Price
Fractional Range		
1/4"-1/2"	CTS500	\$9.03
9/16"-3/4"	CTS750	\$11.31
13/16"-1"	CTS1000	\$14.74
1-1/16"- 1-1/4"	CTS1250	\$19.31
1-5/16"- 1-1/2"	CTS1500	\$22.74
1-9/16"-2"	CTS2000	\$29.60



Any Angle, Multiple Flutes HSS or Carbide

Packaging: sorted, measured, labeled & packaged in plastic tubes

Re Grind Pricelist

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Milling Cutters

Size	Part#	Price
Fractional Range		
1/4" - 1-1/2"	MCT1500	\$17.03
1-9/16" - 2"	MCT2000	\$22.74
2-1/16" - 3"	MCT3000	\$29.60
3-1/16" - 4"	MCT4000	\$37.60
4-1/16" - 5"	MCT5000	\$45.60
5-1/16" - 6"	MCT6000	\$65.03




Includes Straight or Staggered Tooth

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Solid Thread Mills							
Size		Solid Carbide		Optional Extra Charges*			
				TiN		ALL4	
Fractional	Metric	Part#	Price	Part#	Price	Part#	Price
1/8"	3mm	SEMCBDOE125	\$9.03	EMTIN125	\$1.77	EMALL4125	\$3.42
3/16"	4mm	SEMCBDOE188	\$9.03	EMTIN188	\$2.57	EMALL4188	\$4.96
1/4"	6mm	SEMCBDOE250	\$9.03	EMTIN250	\$4.46	EMALL4250	\$8.60
5/16"	8mm	SEMCBDOE312	\$10.17	EMTIN312	\$5.49	EMALL4312	\$10.58
3/8"	10mm	SEMCBDOE375	\$12.46	EMTIN375	\$6.57	EMALL4375	\$12.67
7/16"	11mm	SEMCBDOE437	\$12.46	EMTIN437	\$7.03	EMALL4437	\$13.56
1/2"	13mm	SEMCBDOE500	\$14.74	EMTIN500	\$7.49	EMALL4500	\$14.44
9/16"	14mm	SEMCBDOE562	\$18.17	EMTIN562	\$9.43	EMALL4562	\$18.18
5/8"	16mm	SEMCBDOE625	\$21.60	EMTIN625	\$11.37	EMALL4625	\$21.93
3/4"	19mm	SEMCBDOE750	\$26.17	EMTIN750	\$12.40	EMALL4750	\$23.91
7/8"	22mm	SEMCBDOE875	\$35.31	EMTIN875	\$15.54	EMALL4875	\$29.98
1"	25mm	SEMCBDOE1000	\$45.60	EMTIN1000	\$18.74	EMALL41000	\$36.15



Packaging: sorted, measured, labeled & packaged in plastic tubes

Re Grind Pricelist

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HSS Annular Cutters		
Size	Part#	Price
Fractional Range		
7/16" - 9/16"	ANN562	\$17.03
5/8" - 3/4"	ANN750	\$19.31
13/16" - 1"	ANN1000	\$21.60
1-1/16" - 1-5/16"	ANN1312	\$23.89
1-3/8" - 1-1/2"	ANN1500	\$26.17
1-9/16" - 1-3/4"	ANN1750	\$31.89
1-13/16" - 2"	ANN2000	\$38.74
2-1/16" - 2-1/4"	ANN2250	\$43.31
2-5/16" - 3"	ANN3000	\$50.17



Includes any length, any # of teeth, CANNOT Regrind Carbide Tipped Annular Cutters

Packaging: sorted, measured, labeled & packaged in plastic tubes

Re Grind Pricelist

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Punches		
Style	Part#	Price
Round	PNCHR	\$10.17
Oblong, Square & Rectangular	PNCHOS	\$19.31
Radius Faced	PNCHRAD	\$28.46

Dies		
Style	Part#	Price
Size Range		
Round up to 2" O/D	DIER2	\$13.60
Round 2"-3" O/D	DIER3	\$20.46
Oblong, Square & Rect. Up To 2" O/D	DIEOS2	\$21.60

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Oblong, Square & Rect. 2"-3" O/D	DIEOS3	\$28.46		
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Re Grind Pricelist

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Gear Hobs			
Size Range	Part#	Price	
Max: 3" O/D x 3" LOC	HOB1	\$34.29	Includes Straight or Spiral Fluted Cutters.
Larger than 3" O/D	HOB2	\$51.43	