

AHBI

TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS
 (800) 991-4225 www.ahbinc.com
 ISO Certified customerservice@ahbinc.com



REUSE & SAVE!

END MILL & DRILL REGRIND PROGRAM

RECONDITIONING DIAEDGE CUTTING TOOLS IS AN ECONOMICAL WAY TO SAVE MONEY WHILE HAVING NEW TOOL PERFORMANCE.

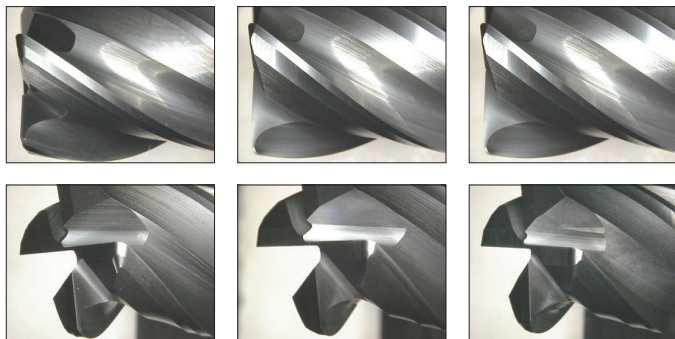
Before Cutting Operation

(Before & After Regrinding)

New Tool

1st Regrind

2nd Regrind



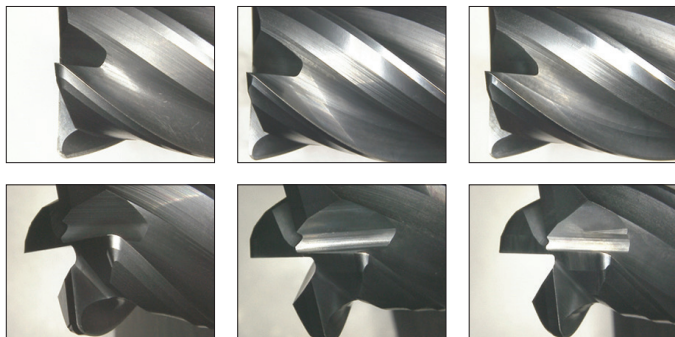
After Shoulder Milling Application. 304 Stainless

RPM: 2000 / IPM: 22.80" / ap: 0.750" / ae: 0.150" / Length of cut: 500.00"

New Tool

1st Regrind

2nd Regrind



VQ - Average Regrind Removal

What can be expected after regrind process?

- How much will over-all-length change?
Average: 0.070". (More if chipped or damaged)
- How much will the diameter change?
Average: 0.020". (More if chipped or damaged)
- Average increase in machine horse power? 1%

STANDARD DELIVERY: 3-4 weeks after receipt of purchase

MINIMUM ORDER VALUE: \$200

PRICE: See the following pages for cost breakdown

SHIP ALL REGRIND TOOLS TO:

MIRACLE TOOLS AMERICA
 7739 Northwest Blvd., Davenport, Iowa 52806
ATTENTION: REGRIND Department

For more information, please contact your
 Customer Service: 800.991.4225

MITSUBISHI MATERIALS U.S.A.

MTA ENDMILL REGRIND & RECOAT PRICING

High Performance Carbide Endmills - Ends Only

List Price		9/5/2023		
Tool diameter		Tool style		
Metric	Inch	Square End	Corner Radius	Ball Nose
6mm - 9.5mm	.2500-.3749	\$26.24	\$30.17	\$31.22
9.6mm - 12.7mm	.3750-.5000	\$30.92	\$34.92	\$35.90
12.8mm - 19mm	.5001-.7500	\$47.59	\$52.49	\$53.70
19.1mm - 25mm	.7501-1.0000	\$69.16	\$75.04	\$76.55

- Pricing covers endmills of 2 - 8 flutes
- More than 8 flutes to be quoted separately
- Minimum 5 pieces per item
- \$200 minimum order billing
- Minimum regrind diameter 6mm
- Peripheral regrind to be quoted separately
- Rougher/chip breaker geometry to be quoted separately
- Salvage of heavily damaged tools to be quoted separately
- Exact new tool geometry and accuracy will not be maintained
- Coating applied will be MTA AlCrN coating
- Tool performance will not be guaranteed
- MTA will not compensate if endmill regrind fails
- MTA will not compensate if endmill is broken during regrinding

DRILL REGRIND PRICING 2023

REGRIND ONLY			US Pricing			
metric		inch	3-5	6-25	26 - 50	51+
DRO1	3.0mm - 6.35mm	.1181" - .2499"	\$30.93	\$27.71	\$25.99	\$22.75
DRO2	over 6.35mm to 9.52mm	.2500" - .3750"	\$30.93	\$27.71	\$25.99	\$23.71
DRO3	over 9.52mm to 12.70mm	.3751" - .5000"	\$30.93	\$27.71	\$25.99	\$24.74
DRO4	over 12.70mm to 15.87mm	.5001" - .6250"	\$38.29	\$38.09	\$34.79	\$34.79
DRO5	over 15.87mm to 19.05mm	.6251" - .7499"	\$40.06	\$36.50	\$36.50	\$36.50
DRO6	over 19.05mm to 25.40mm	.7500" - 1.000"	\$40.94	\$37.62	\$40.63	\$40.63

REGRIND AND RECOAT			US Pricing			
metric		inch	3-5	6-25	26 - 50	51+
DR_1	3.0mm - 6.35mm	.1181" - .2499"	\$33.40	\$30.18	\$28.47	\$25.23
DR_2	over 6.35mm to 9.52mm	.2500" - .3750"	\$34.85	\$31.63	\$29.92	\$27.64
DR_3	over 9.52mm to 12.70mm	.3751" - .5000"	\$37.10	\$33.88	\$32.17	\$30.92
DR_4	over 12.70mm to 15.87mm	.5001" - .6250"	\$46.94	\$46.75	\$43.45	\$43.45
DR_5	over 15.87mm to 19.05mm	.6251" - .7499"	\$52.18	\$48.63	\$48.63	\$48.63
DR_6	over 19.05mm to 25.40mm	.7500" - 1.000"	\$59.96	\$56.64	\$59.64	\$59.64

SUPERLONG GREATER THAN 8DB			US Pricing			
metric		inch	3-5	6-25	26 - 50	51+
DR_1SL	3.0mm - 6.35mm	.1181" - .2499"	\$50.41	\$42.65	\$37.57	\$30.92
DR_2SL	over 6.35mm to 9.52mm	.2500" - .3750"	\$51.86	\$44.10	\$39.02	\$35.71
DR_3SL	over 9.52mm to 12.70mm	.3751" - .5000"	\$54.11	\$46.35	\$41.27	\$40.67
DR_4SL	over 12.70mm to 15.87mm	.5001" - .6250"	\$68.00	\$63.89	\$55.63	\$45.43
DR_5SL	over 15.87mm to 19.05mm	.6251" - .7499"	\$74.22	\$65.06	\$61.41	\$57.76
DR_6SL	over 19.05mm to 25.40mm	.7500" - 1.000"	\$82.47	\$73.57	\$73.86	\$69.80

SPECIAL REQUEST INSTRUCTIONS

If needed, please provide detail information on every order about special requests. (i.e., notched shanks or special laser marks, etc.) Failure to provide this information could delay the process of your order and/or incur additional costs.

REGRIND STEP DRILLS

LARGEST DIAMETER (Price Above) + \$20.00 FOR EACH DRILL STEP

TOOL RECONSTRUCTION QUOTED SEPARATELY

Additional Charges (No Discounts Apply)	
ITEM	COST
LASER MARK ON SHANK and RELABEL	\$2.00 per piece
NOTCH SHANK	\$1.00 per piece
REPLACEMENT TUBE	\$.50 per piece
INSPECTION ONLY	\$8.00 per piece
Customer Required Additional Inspection Example: Min LOA, Min Dia. Min Flute Length	\$1.00 each

TOOL MODIFICATION	
ITEM	COST
POINT CHAMFER	(Price Above) x1.5
NECK GRIND	(Price Above) x1.5
POINT RADIUS	(Price Above) x1.5
MODIFY LENGTH	(Price Above) x1.5

MITSUBISHI MATERIALS U.S.A. CORPORATION

California Office (Headquarters)

3535 Hyland Avenue, Suite 200
Costa Mesa, CA 92626
Customer Service: 800.523.0800
Technical Service: 800.486.2341

North Carolina-MTEC (Marketing & Technical Center)

105 Corporate Center Drive, Suite A
 Mooresville, NC 28117
Main: 980.312.3100
Fax: 704.746.9292

Chicago Office (Engineering)

300 N. Martingale Road, Suite 500
Schaumburg, IL 60173
Main: 847.252.6300
Fax: 847.519.1732

Toronto Office (Canada Branch)

600 Matheson Blvd. Unit 5 (Office)
Mississauga, ON L5R 4C1
Main: 905.814.0240
Fax: 905.814.0245

MMC Metal de Mexico, S.A. DE C.V.

Av. La Cañada No. 16,
Parque Industrial Bernardo
Quintana, El Marques,
Queretaro C.P. 76246 MEXICO
Main: +52.442.221.61.36
Fax: +52.442.221.61.34

Detroit Office (Moldino CS)

41700 Gardenbrook Road, Suite 120
Novi, MI 48375
Main: 248.308.2620
Fax: 248.308.2627

For Your Safety

- Don't handle inserts and chips without gloves.
- Please machine within the recommended application range and exchange expired tools with new ones in advance of breakage.
- Please use safety covers and wear safety glasses.
- When using compounded cutting oils, please take fire precautions.
- When attaching inserts or spare parts, please use only the correct wrench or driver.
- When using rotating tools, please make a trial run to check run-out, vibration and abnormal sounds etc.



www.mmc-carbide.com/us

Tools specifications subject to change without notice.

REGIND-US-2023



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