

REGRIND

Price List
effective 1st September 2012



- Regrinding
- Recoating
- Carbide & HSS Specials

suttontools
world class cutting tools

Regrinding Service - Reduce your Production Costs

Sutton Tools continue to reinvest to provide a 'complete' range in cutting tool products and services. Our regrinding service returns tools to 'as new' condition. Quality is guaranteed from the CNC grinding machines which are operated by highly experienced personnel, using advanced technology. A full regrinding service is offered in Europe. HSS and carbide tooling can be reconditioned by our highly experienced personnel, with reproducible, high quality results, every time.

We regrind HSS Powdered Metallurgy and grades of Solid Carbide, complemented by fifth generation thin film coatings.

This product listing represents commonly requested items. We also manufacture carbide, HSS and PCD specials for general, automotive and aerospace applications, we can also advise the best solution for the materials you machine.

Sutton Tools Recoating Service

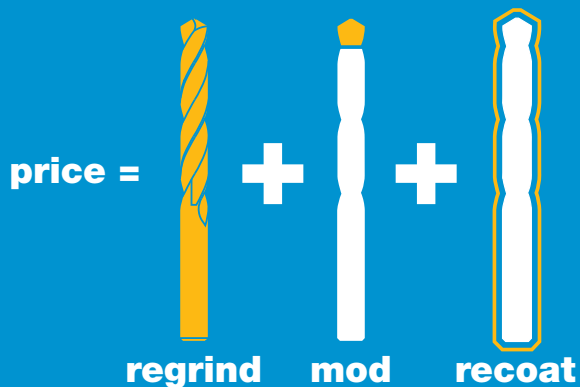
In Europe we provide a full regrinding service for Sutton Tools distributors. Using world-leading technology, coatings are available to solve a wide range of problems relating to friction and wear, thereby improving tool performance and increasing tool life, up to 300-1000% compared to uncoated.

R&D

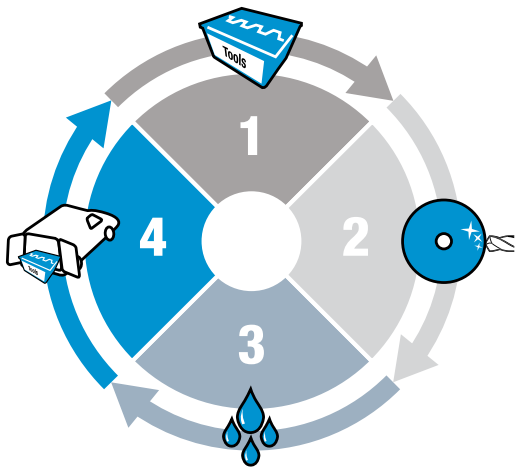
The variety of state of the art equipment including CNC tool and cutter grinders, drag finishing machines, PVD coatings and CNC wet blasters, enables us to regrind a tool, edge prepare, recoat and post-polish. We continue to develop and test all these processes to provide our customers with best solutions to their metal removal needs.

Send & Return Service

Sutton Tools re-sharpening boxes will be provided for safe shipment of your tools for servicing. Simply fill in the request form, and we will return the tools to 'as new' condition as instructed. Contact us for your Sutton Tools re-sharpening box and request form.



The pricing in this booklet has been separated into individual processes to enable us to customise our service to your requirements. Simply add each service to obtain the full price.



Tool Regrinding Procedure

1. Inspect & Quote

Send tools to Sutton for regrind

3. Recoat

To extend the life of the tool

2. Regrind

Tools sharpened

4. Delivery

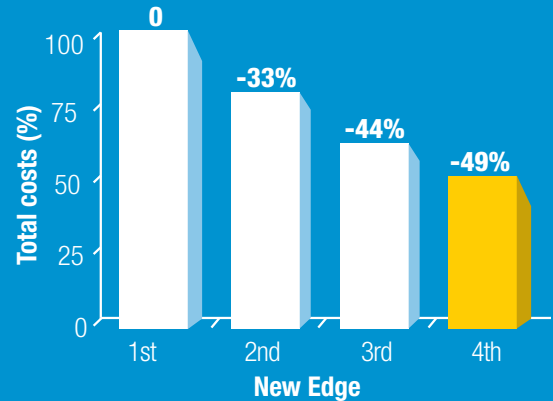
Brought back to the customer

Case Study: Cost benefits of reconditioning our drills

Example: D332 10mm 5xD IK R30N Carbide Drill, AlCrN coated.

No. of new edges	New Tool cost	Regrind / Recoat cost	Saving
1st	€ 62,00	€ 62,00	0%
2nd	€ 62,00	€ 21,40	-33%
3rd	€ 62,00	€ 21,40	-44%
4th	€ 62,00	€ 21,40	-49%
Totals	€ 248,00	€ 126,20	-49%

Cost Reduction – New vs Reconditioning





Innova PVD coating unit
500kg capacity

The Latest Surface Technology And Coatings

By heavily investing in R&D, Sutton Tools offers the latest surface and technology and coatings to provide world class capabilities for your cutting tools.

Sutton Tools cooperates with Oerlikon Balzers Europe. Oerlikon Balzers is the world's leading supplier of coatings that significantly improve the performance of tools and precision components. The coatings and surface treatment we do apply on our tools provide a clear reduction of friction and wear. In cooperation with Oerlikon Balzers Europe, Sutton Tools is providing the latest technology.

HSS Drills

HSS Drills	Twist Drill	NC - Spotting
Standard Regrind		
Diameter		
3,0mm	€ 4,00	€ 5,00
4,0mm	€ 4,00	€ 5,00
5,0mm	€ 4,50	€ 5,50
6,0mm	€ 4,50	€ 5,50
8,0mm	€ 5,50	€ 6,50
10,0mm	€ 6,50	€ 7,50
12,0mm	€ 8,00	€ 9,00
14,0mm	€ 8,00	€ 9,00
16,0mm	€ 9,50	–
18,0mm	€ 9,50	–
20,0mm	€ 12,00	–

Diameter	Coating			
	TiN	TiCN	TiAlN	CrN
3,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
4,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
5,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
6,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
8,0mm	€ 4,80	€ 5,60	€ 6,40	€ 8,00
10,0mm	€ 5,60	€ 7,00	€ 8,00	€ 10,00
12,0mm	€ 6,40	€ 8,10	€ 9,20	€ 11,60
14,0mm	€ 8,50	€ 10,40	€ 12,00	€ 15,00
16,0mm	€ 11,00	€ 13,50	€ 14,20	€ 19,50
18,0mm	€ 15,00	€ 18,50	€ 20,50	€ 27,50
20,0mm	€ 15,00	€ 18,50	€ 20,50	€ 27,50

Prices apply to 3xD and 5xD only. Long Series drills available on request.

VAT only applicable to customers located in the Netherlands.

Carbide Drills



Carbide Drills	Solid	Uncoated Internal Coolant	Coated Internal Coolant
Standard Regrind			
Diameter			
3,0mm	€ 8,00	€ 8,00	€ 8,60
4,0mm	€ 8,00	€ 8,00	€ 8,60
5,0mm	€ 8,50	€ 8,50	€ 9,10
6,0mm	€ 8,50	€ 8,50	€ 9,10
8,0mm	€ 9,75	€ 9,75	€ 10,35
10,0mm	€ 10,50	€ 10,50	€ 11,40
12,0mm	€ 12,00	€ 12,00	€ 12,90
14,0mm	€ 12,00	€ 12,00	€ 12,90
16,0mm	€ 14,50	€ 14,50	€ 15,70
18,0mm	€ 18,00	€ 18,00	€ 19,20
20,0mm	€ 18,00	€ 18,00	€ 19,20

Diameter	Coating			
	TiN	TiCN	TiAlN	Alcrona / Helica / CrN
3,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
4,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
5,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
6,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
8,0mm	€ 4,80	€ 5,60	€ 6,40	€ 8,00
10,0mm	€ 5,60	€ 7,00	€ 8,00	€ 10,00
12,0mm	€ 6,40	€ 8,10	€ 9,20	€ 11,60
14,0mm	€ 8,50	€ 10,40	€ 12,00	€ 15,00
16,0mm	€ 11,00	€ 13,50	€ 14,20	€ 19,50
18,0mm	€ 15,00	€ 18,50	€ 20,50	€ 27,50
20,0mm	€ 15,00	€ 18,50	€ 20,50	€ 27,50

Prices apply to 3xD and 5xD only. Long Series drills available on request.

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HSS Endmills

HSS Endmills	Complete Regrind		Severe Damage & Complete Regrind	
				
Diameter	Short	Long	Short	Long
6,0mm	€ 7,00	€ 9,50	€ 11,50	€ 14,50
8,0mm	€ 7,00	€ 9,50	€ 11,50	€ 14,50
10,0mm	€ 7,00	€ 9,50	€ 11,50	€ 14,50
12,0mm	€ 8,00	€ 11,00	€ 15,00	€ 18,00
14,0mm	€ 8,00	€ 11,00	€ 15,00	€ 18,00
16,0mm	€ 9,50	€ 12,50	€ 18,50	€ 22,50
18,0mm	€ 9,50	€ 12,50	€ 18,50	€ 22,50
20,0mm	€ 11,00	€ 14,50	€ 21,00	€ 24,50

Modifications*	2 Flute	3 Flute	4 Flute	Multiple
Corner Radius	€ 4,00	€ 5,50	€ 7,00	€ 8,50
Ball Nose	€ 8,00	€ 9,75	€ 11,50	–
Rougher	–	€ 6,00	€ 6,00	€ 6,00

*Modification prices apply only to regrind tools. Modification only: Price available on application for items not listed. For regrinding Harmony Endmills a 15% surcharge will apply.

Diameter	Coating			
	TiN	TiCN	TiAN	CrN
6,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
8,0mm	€ 4,80	€ 5,60	€ 6,40	€ 8,00
10,0mm	€ 5,60	€ 7,00	€ 8,00	€ 10,00
12,0mm	€ 6,40	€ 8,10	€ 9,20	€ 11,60
14,0mm	€ 8,50	€ 10,40	€ 12,00	€ 15,00
16,0mm	€ 11,00	€ 13,50	€ 14,20	€ 19,50
18,0mm	€ 15,00	€ 18,50	€ 20,50	€ 27,50
20,0mm	€ 15,00	€ 18,50	€ 20,50	€ 27,50

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Carbide Endmills

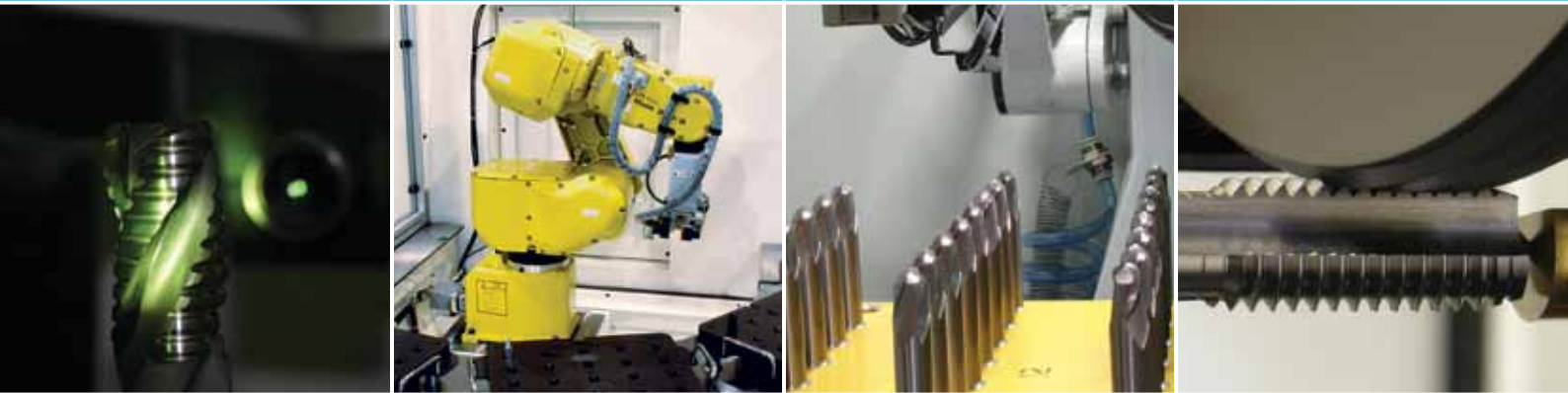
Carbide Endmills	Complete Regrind		Severe Damage & Complete Regrind	
				
Diameter	Short	Long	Short	Long
6,0mm	€ 9,00	€ 12,50	€ 15,00	€ 19,00
8,0mm	€ 9,00	€ 12,50	€ 15,00	€ 19,00
10,0mm	€ 9,00	€ 12,50	€ 15,00	€ 19,00
12,0mm	€ 10,50	€ 14,50	€ 19,50	€ 23,50
14,0mm	€ 10,50	€ 14,50	€ 19,50	€ 23,50
16,0mm	€ 12,50	€ 16,50	€ 24,00	€ 29,50
18,0mm	€ 12,50	€ 16,50	€ 24,00	€ 29,50
20,0mm	€ 14,50	€ 19,00	€ 27,50	€ 32,00

Modifications*	2 Flute	3 Flute	4 Flute	Multiple
Corner Radius	€ 5,00	€ 7,00	€ 9,00	€ 11,50
Ball Nose	€ 10,50	€ 13,00	€ 15,00	
Rougher		€ 8,50	€ 8,50	€ 8,50

*Modification prices apply only to regrind tools. Modification only: Price available on application for items not listed.
For regrinding Harmony Endmills a 15% surcharge will apply.

Diameter	Coating			
	TiN	TiCN	TiAlN	Alcrona / Helica / CrN
6,0mm	€ 3,20	€ 3,90	€ 4,40	€ 5,50
8,0mm	€ 4,80	€ 5,60	€ 6,40	€ 8,00
10,0mm	€ 5,60	€ 7,00	€ 8,00	€ 10,00
12,0mm	€ 6,40	€ 8,10	€ 9,20	€ 11,60
14,0mm	€ 8,50	€ 10,40	€ 12,00	€ 15,00
16,0mm	€ 11,00	€ 13,50	€ 14,20	€ 19,50
18,0mm	€ 15,00	€ 18,50	€ 20,50	€ 27,50
20,0mm	€ 15,00	€ 18,50	€ 20,50	€ 27,50

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WORLD CLASS CUTTING TOOLS

***sutton*tools**
world class cutting tools

100% Australian Owned & Operated

Sutton Tools Europe

Postbus 2092, 5001 CA Tilburg

Jellinghausstraat 28, 5048 AZ Tilburg, THE NETHERLANDS

T +31 13 220 1480 F +31 13 220 1481 E suttontools.eu@sutton.com.au

www.sutton.com.au

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