Precision creates perfection.

Toolservice Regrinding and recoating





Regrinding creates premium quality.

Perfect grinding service, precisely tailored to requirements. Quality and innovation therefore means: we cater for your needs.

Original regrinding process on the latest grinding machines

The full capability of your tools is ensured by the original regrinding process. We take the utmost care to test and prepare your tools in original geometry. All in 100 % manufacturer quality on our original production machinery.

Original coating

The MAYKESTAG coating process ensures a longer service life and higher performance. The utmost performance and speed.



Range of regrinding and recoating services



Solid carbide tools

- Solid carbide drill bits
- Solid carbide shank cutters
- Solid carbide HSS reamers and countersinks



HSS tools

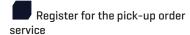
- HSS twist drill bits,
 NC spot drill bits, taps
- Shank cutters
- Shell end mills, prismatic cutters, circular saw blades
- Special tools

Additional services

- Corner radii
- Weldon surface
- Releases
- Polishing cutting edges
- Cooling vents on the shaft
- Cutting edge finish

Original regrinding and recoating:

how to get your prepared tools with 100 % cutting performance.



- toolservice@a-mk.com
- Tel: +43[0]662 44901-413
 Mr. Tschebull



Pick-up

 The goods will be picked up from you (inland) within 24 hours.

> On orders of less than EURO 100 we charge a share of the costs of EURO 6.

Alternatively you can have the goods delivered by your parcel service provider:

> ALPEN-MAYKESTAG GmbH Plant - Ferlach FAO Mr. Tschebull Auengasse 11 9170 Ferlach Austria



Tool service

- We check your tools for the type and scope of reprocessing required.
- If a tool cannot be sharpened, you will be advised immediately.
- Processing
 Original grinding
 Original coating
 Marking (if requested)
- Depending on the level of complexity, you will receive your required tool after

approx. 2 weeks.



Delivery

Within (inland) 24 hours, free delivered.

On orders of less than EURO 100 we charge a share of the costs of EURO 6.

Solid carbide drill bits

| Sharpening solid carbide drill bits | | Surcharges | |
|---|--------------|---------------|--------------|
| | Basic price | Step drills | Weldon |
| up to Ø | Price / unit | Price / stage | Price / unit |
| 6 | € 13.50 | € 13.50 | € 2.20 |
| 8 | € 13.90 | € 13.90 | € 2.20 |
| 10 | € 14.50 | € 14.50 | € 2.20 |
| 12 | € 15.20 | € 15.20 | € 2.60 |
| 14 | € 16.80 | € 16.80 | € 3.00 |
| 16 | € 19.50 | € 19.50 | € 3.00 |
| 20 | € 23.50 | € 23.50 | € 3.50 |
| Minimum quantity surcharge 30 % for order quantity 3 items per diameter group | | | |

| ALUNIT-S |
|----------|
| |
| |
| € 3.20 |
| € 4.30 |
| € 4.90 |
| € 5.90 |
| € 6.60 |
| € 7.90 |
| € 11.10 |
| |



Solid carbide shank cutters

| Sharpening solid car | bide shank cutters | | | Surc | harges | | |
|----------------------|--------------------|------------------|----------|--------|--------|---------|---------|
| | Basic price | Roughing cutters | Overlong | Z>4 | Radius | Release | Release |
| up to Ø | Price / unit | | | | | 1xD | 3xD |
| 10 | € 12.00 | € 3.50 | € 3.80 | € 2.50 | € 4.00 | € 4.50 | € 8.50 |
| 12 | € 15.50 | € 3.50 | € 4.50 | € 3.30 | € 4.20 | € 4.50 | € 8.50 |
| 16 | € 18.50 | € 3.50 | € 5.50 | € 4.90 | € 4.50 | € 4.50 | € 8.50 |
| 20 | € 21.50 | € 3.80 | € 6.50 | € 5.30 | € 5.00 | € 4.50 | € 8.50 |
| 25 | € 29.50 | € 4.00 | € 8.50 | € 6.00 | € 5.20 | € 5.80 | € 9.80 |

| Sharpening solid car | bide shank cutters | | | Surcharges | | |
|----------------------|--------------------|---------------------|---------------------------|----------------|----------------------------|---------|
| | Basic price | Cutting edge finish | Cutting edge polishing | Weldon surface | Cooling vents on the shaft | Cutting |
| up to Ø | Price / unit | | | | | |
| 10 | € 12.00 | € 2.50 | € 5.50 | € 2.20 | € 5.20 | € 2.50 |
| 12 | € 15.50 | € 2.80 | € 6.50 | € 2.60 | € 5.80 | € 2.80 |
| 16 | € 18.50 | € 3.00 | € 8.00 | € 3.00 | € 6.40 | € 3.20 |
| 20 | € 21.50 | € 3.50 | € 10.00 | € 3.50 | € 6.80 | € 3.50 |
| 25 | € 29.50 | € 3.80 | € 13.50 | € 4.20 | € 7.20 | € 3.80 |

Prices for coating

| | Coating | | |
|---------|----------|---------|----------|
| | ALUNIT-S | TWINDUR | ULTRADUR |
| up to Ø | | | |
| 10 | € 4.90 | € 6.30 | € 7.30 |
| 12 | € 5.90 | € 7.60 | € 8.70 |
| 16 | € 7.90 | € 10.30 | € 11.80 |
| 20 | € 11.10 | € 14.50 | € 16.60 |
| 25 | € 13.70 | € 17.80 | € 20.50 |

Info: ALUNIT-S =Standard cutter, Speedcut, ecoSpeedcut Twindur = Speedcut 4.0 green ring Ultradur = Speedcut 4.0 blue ring



Solid carbide countersinks, reamers and quadrant cutters

| Conical countersinks | 3 | |
|----------------------|--------------------------|---------------------------------------|
| | HSS conical countersinks | Tungsten carbide conical countersinks |
| up to Ø | Price / unit | Price / unit |
| 8 | € 3.50 | € 6.90 |
| 12 | € 4.20 | € 8.70 |
| 20 | € 6.40 | € 14.50 |
| 31 | € 10.80 | € 24.50 |

| Reamers | | |
|---------|--------------|-----------------------------|
| | HSS reamers | Tungsten carbide reamers |
| up to Ø | Price / unit | Price / unit |
| 10 | € 3.80 | € 7.50 |
| 20 | € 5.80 | € 10.50 |
| 30 | € 8.50 | on request |
| 40 | € 9.50 | on request |

| Quadrant cutters | | |
|------------------|----------------------|--|
| | HSS quadrant cutters | Tungsten carbide quad- rant cutters |
| up to radius | Price / unit | Price / unit |
| 5 | € 10.80 | € 16.20 |
| 10 | € 19.80 | € 29.80 |
| 15 | € 26.30 | € 39.40 |

| | Coating | |
|---------|--------------|--------------|
| | ALUNIT-S | TiN |
| up to Ø | Price / unit | Price / unit |
| 10 | € 4.30 | € 4.30 |
| 12 | € 5.10 | € 5.10 |
| 16 | € 6.90 | € 6.90 |
| 20 | € 9.70 | € 9.70 |
| 25 | € 11.90 | € 11.90 |
| 30 | € 23.80 | € 23.80 |
| 40 | Enquiry | Enquiry |



HSS twist drill bits, NC spot drill bits and taps

| Twist drill bits | vist drill bits | | |
|------------------|----------------------|--|--|
| | HSS twist drill bits | | |
| up to Ø | Price / unit | | |
| 10 | € 4.00 | | |
| 15 | € 5.50 | | |
| 20 | € 9.20 | | |
| 30 | € 11.60 | | |
| 40 | € 14.90 | | |
| 50 | € 19.00 | | |
| 60 | € 24.30 | | |
| | | | |

| NC spot drill bits | | |
|--------------------|--------------|---------------|
| | HSS | Solid carbide |
| up to Ø | Price / unit | Price / unit |
| 10 | € 5.30 | € 8.50 |
| 15 | € 8.50 | € 10.80 |
| 20 | € 12.80 | € 13.60 |

| Taps | |
|---------|--------------|
| | HSS taps |
| up to Ø | Price / unit |
| 10 | € 7.50 |
| 16 | € 9.70 |
| 20 | € 12.50 |
| 30 | € 15.80 |

| | Coating | | |
|---------|--------------|--------------|--|
| | ALUNIT-S | TiN | |
| up to Ø | Price / unit | Price / unit | |
| 6 | € 2.80 | € 2.80 | |
| 8 | € 3.80 | € 3.80 | |
| 10 | € 4.20 | € 4.20 | |
| 12 | € 5.10 | € 5.10 | |
| 14 | € 5.80 | € 5.80 | |
| 16 | € 6.90 | € 6.90 | |
| 20 | € 9.70 | € 9.70 | |



HSS shank cutters

| HSS shank cutters short/long | | Surcharges | | | | |
|------------------------------|--------------|--------------|--------------|--------------|--------------|--|
| | Basic price | Roughers | Overlong | Z >4 | Radius | |
| up to Ø | Price / unit | |
| 10 | € 8.20 | € 3.50 | € 3.80 | € 2.50 | € 4.00 | |
| 12 | € 10.50 | € 3.50 | € 4.50 | € 3.30 | € 4.20 | |
| 16 | € 12.50 | € 3.50 | € 5.50 | € 4.90 | € 4.50 | |
| 20 | € 15.00 | € 3.80 | € 6.50 | € 5.30 | € 5.00 | |
| 25 | € 18.20 | € 4.00 | € 8.50 | € 6.00 | € 5.20 | |
| 32 | € 21.50 | € 4.50 | € 12.50 | € 10.50 | € 5.50 | |
| 40 | € 23.60 | € 4.50 | - | - | € 6.00 | |

| | Coating | | |
|---------|--------------|--------------|--|
| | ALUNIT-S | TiN | |
| up to Ø | Price / unit | Price / unit | |
| 10 | € 4.20 | € 4.20 | |
| 12 | € 5.10 | € 5.10 | |
| 16 | € 6.90 | € 6.90 | |
| 20 | € 9.70 | € 9.70 | |
| 25 | € 11.90 | € 11.90 | |
| 32 | € 23.80 | € 23.80 | |
| 40 | Enquiry | Enquiry | |



Shell end mills, side milling cutters, prismatic cutters, concave/convex cutters, metal circular saw blades

| | HSS shell end Roughing cutters Finishing cutters | | Tungsten carbide shell end | HSS side milling cutters |
|---------|--|--------------|----------------------------|--------------------------|
| | | | Finishing cutters | in a set +25% / cutter |
| up to Ø | Price / unit | Price / unit | Price / unit | Price / unit |
| 50 | € 20.00 | € 17.50 | € 25.00 | € 19.00 |
| 80 | € 27.00 | € 23.00 | € 35.00 | € 26.00 |
| 100 | € 38.00 | € 34.00 | € 45.00 | € 30.00 |
| 130 | € 49.00 | € 44.00 | € 55.00 | € 37.00 |
| 160 | € 60.00 | € 53.00 | € 70.00 | € 47.00 |

| | HSS prismatic cutters | HSS concave/convex cutters |
|---------|--------------------------|-------------------------------|
| up to Ø | Price / unit | Price / unit |
| 50 | € 23.00 | € 20.50 |
| 80 | € 35.00 | € 29.00 |
| 100 | € 46.00 | € 38.00 |
| 130 | € 58.00 | € 42.00 |

| HSS metal circular saw blades | | | | |
|-------------------------------|--------------|---------|----------|--|
| up to Ø | Price / unit | 50 % NZ | 100 % NZ | |
| 63 | € 10.00 | € 15.00 | € 20.00 | |
| 80 | € 11.80 | € 17.70 | € 23.60 | |
| 100 | € 14.20 | € 21.50 | € 28.40 | |
| 150 | € 16.20 | € 24.30 | € 32.40 | |
| 200 | € 17.50 | € 26.30 | € 35.00 | |
| 350 | € 22.00 | € 33.00 | € 44.00 | |
| NZ = new tooth system | m | | | |



Innovation creates progress.



Regrinding order

| Client / contact | t person: | | Alternative delivery address: | | | |
|----------------------|--|-----------------------|-------------------------------|------|-----------|--|
| | | | | | | |
| Company | Department | | Company | De | partment | |
| Street, no. | | | Street, no. | | | |
| Postcode | Town | | Postcode | Town | | |
| Telephone | Fax | | | | | |
| Contact person's fir | rst name and surname | | | | | |
| Box pick-up | YES, on | | | | | |
| | NO | | | | | |
| Order date | | Customer noplea | ase specify- | | Signature | |
| Stand | dard tools | | | | | |
| Otuni | | | | | | |
| Tool quantity | Type (e.a. solid a | carbide cutter, HSS d | rill bit 1 / comment | ts | | |
| 1 | 1) 0 0 0 0 0 0 0 0 0 | | ,, | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

AUSTRIA ALPEN-MAYKESTAG GmbH

Urstein Nord 67 | A-5412 Puch / Salzburg Tel: +43 [0] 662 449 01-0 Fax: +43 [0] 662 449 01-110 Fax Export: +43 [0] 662 449 01-130 verkauf@a-mk.com export@a-mk.com

GERMANY ALPEN-MAYKESTAG GmbH

Hansaallee 201 | D-40549 Dússeldorf Tel: +49 (0) 211537550-0 Fax: +49 (0) 211593573 verkauf@a-mk.com

ITALY ALPEN-MAYKESTAG s.r.l.

Via Volontari Del Sangue 54 | I-20093 Cologno Monzese [MI] Tel: +39 [02] 48 84 30 38 Fax: +39 [02] 45 70 14 19 info@a-mk.it

CESKA REPUBLIKA ALPEN-MAYKESTAG s.r.o.

U Koruny 414 | CZ-50002 Hradec Králové Tel. +420 495 58 23 22 Fax +420 495 58 23 25 info@a-mk.cz

HUNGARY ALPEN-MAYKESTAG Kft.

Gyár utca 5 | H-8500 Pápa Tel. +36 (0) 89 51 15 15

Fax +36 (0) 89 51 15 16

info@a-mk.hu

