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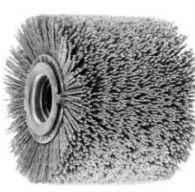
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Brands

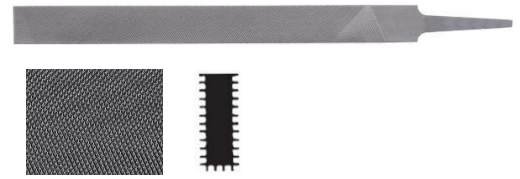


HOLEX Hand File - Flat

Description:
The blanks are forged and ground; manufactured with an exact cut of even density and depth using special machines. These non-convex files have tooth profiles appropriate to each grade of file.
Cuts on 3 faces; square end.
Application: The quality file for workshop use with long tool life and high removal rate.
Standard: DIN 7261 Form A

| Article No. | Length (mm) | Size (mm) | Cut |
|-------------|-------------|-----------|-----|
| #S#09301 | 200 | 19x5 | 2 |
| #S#09302 | 250 | 24x5 | 2 |
| #S#09303 | 150 | 16x4 | 3 |
| #S#09304 | 200 | 19x5 | 3 |

| Form A | Cut 2 (2nd cut) | Cut 3 (Smooth) |
|--------|--------------------|-------------------|
|--------|--------------------|-------------------|

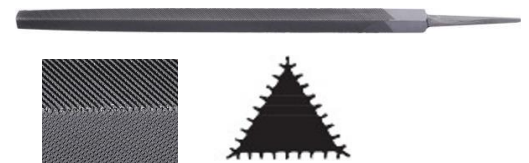


HOLEX Hand File - Three Square

Description:
The blanks are forged and ground; manufactured with an exact cut of even density and depth using special machines. These non-convex files have tooth profiles appropriate to each grade of file.
Cuts on all faces; convex end.
Application: The quality file for workshop use with long tool life and high removal rate.
Standard: DIN 7261 Form C

| Article No. | Length (mm) | Size (mm) | Cut |
|-------------|-------------|-----------|-----|
| #S#09305 | 200 | 13 | 2 |
| #S#09306 | 250 | 16 | 2 |
| #S#09307 | 150 | 11 | 3 |
| #S#09308 | 200 | 13 | 3 |

| Form C | Cut 2 (2nd cut) | Cut 3 (Smooth) |
|--------|--------------------|-------------------|
|--------|--------------------|-------------------|

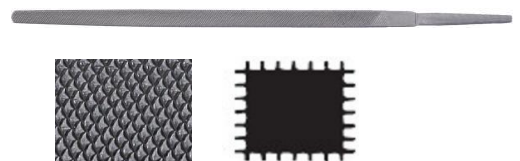


HOLEX Hand File - Square

Description:
The blanks are forged and ground; manufactured with an exact cut of even density and depth using special machines. These non-convex files have tooth profiles appropriate to each grade of file.
Cuts on all faces; convex end.
Application: The quality file for workshop use with long tool life and high removal rate.
Standard: DIN 7261 form D

| Article No. | Length (mm) | Size (mm) | Cut |
|-------------|-------------|-----------|-----|
| #S#09309 | 200 | 7 | 2 |
| #S#09310 | 250 | 9 | 2 |

| Form D | Cut 2 (2nd cut) |
|--------|--------------------|
|--------|--------------------|



HOLEX Hand File - Half Round

Description:
The blanks are forged and ground; manufactured with an exact cut of even density and depth using special machines. These non-convex files have tooth profiles appropriate to each grade of file.
With helical cut; convex end.
Application: The quality file for workshop use with long tool life and high removal rate.
Standard: DIN 7261 form E

| Article No. | Length (mm) | Size (mm) | Cut |
|-------------|-------------|-----------|-----|
| #S#09311 | 200 | 20x5 | 2 |
| #S#09312 | 250 | 23x6 | 2 |
| #S#09313 | 150 | 16x5 | 3 |

| Form E | Cut 2 (2nd cut) | Cut 3 (Smooth) |
|--------|--------------------|-------------------|
|--------|--------------------|-------------------|

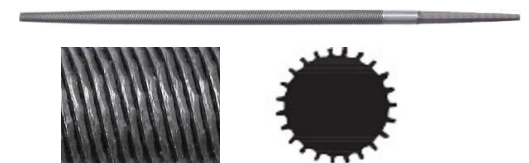


HOLEX Hand File - Round

Description:
The blanks are forged and ground; manufactured with an exact cut of even density and depth using special machines. These non-convex files have tooth profiles appropriate to each grade of file.
With helical cut; convex end.
Application: The quality file for workshop use with long tool life and high removal rate.
Standard: DIN 7261 form F

| Article No. | Length (mm) | Size (mm) | Cut |
|-------------|-------------|-----------|-----|
| #S#09314 | 200 | Ø 7.1 | 2 |
| #S#09315 | 250 | Ø 9.2 | 2 |
| #S#09316 | 150 | Ø 5.5 | 3 |

| Form F | Cut 2 (2nd cut) | Cut 3 (Smooth) |
|--------|--------------------|-------------------|
|--------|--------------------|-------------------|

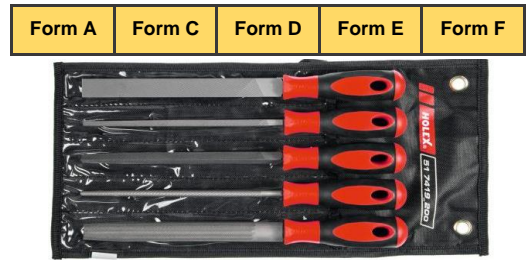


HOLEX® Hand File Set

Description:
The blanks are forged and ground; manufactured with an exact cut of even density and depth using special machines. These non-convex files have tooth profiles appropriate to each grade of file. To protect the files, the set is arranged in a strong transparent roll-up nylon wallet. Protected files cannot be contaminated and the cut is protected against damage; this ensures a consistently high removal rate, smooth file surfaces, and an extended working life. With ergonomic 2-component plastic handles.

Application:
Quality file for workshop use with long tool life and high removal rate.

Supplied with:
5-piece set of files with one each flat, 3-square, square, half-round and round file.



Cut 1 (Bastard)

| Article No. | Length (mm) |
|-------------|-------------|
| #S#09317 | 200 |
| #S#09318 | 250 |

Cut 2 (2nd cut)

| Article No. | Length (mm) |
|-------------|-------------|
| #S#03200 | 200 |
| #S#09319 | 250 |

Cut 3 (Smooth)

| Article No. | Length (mm) |
|-------------|-------------|
| #S#09320 | 200 |
| #S#09321 | 250 |

HOLEX® General Purpose Hand File

Description:
Versatile 4in1 general-purpose hand file with a flat side and a half-round side, each provided with two cuts. File cut for plastics and soft metals, rasp cut for wood.

Supplied with:
In a nylon wallet with hook and loop fastener.



| Article No. | Length (mm) | Size (mm) |
|-------------|-------------|-----------|
| #S#09322 | 200 | 19x5 |

DICK® File Handle - Plastic

Description:
File handle made of impact resistant plastic, with large hole for hanging up. No need to drill for the file tang; anti-roll handle.

Application: For all engineer's files, precision files, and key files.

| Article No. | Length (mm) | Suitable for file length (mm) |
|-------------|-------------|-------------------------------|
| #S#07937 | 100 | 100 |
| #S#09300 | 110 | 150-250 |
| #S#01240 | 120 | 250-350 |



SENATOR® QUALITY TOOLING® Needle File set

Description:
Second Cut Needle File Set. Supplied in PVC Wallet. Manufactured to BS 498:1990. Cut 2.

Contents:
#S#09323 - Warding, Hand, Half Round, Round, Square, Three Square.
#S#09324 - Hand, Flat, Knife, Round, Half Round, Square, Three Square, Crossing, R/Edge Joint, Slitting, Warding, Barrette.

| Article No. | Length (mm) | Quantity |
|-------------|-------------|----------|
| #S#09323 | 160 | 6pcs |
| #S#09324 | 160 | 12pcs |



SENATOR® QUALITY TOOLING® Diamond File set - Medium Grade

Description:
150 grain (medium grade). With tapered handles. Supplied in PVC wallet. Suitable for light duty and workshop use.

Contents: hand, half round, three square, round, square and knife.

| Article No. | Length (mm) | Quantity |
|-------------|-------------|----------|
| #S#09325 | 160 | 6pcs |





Diamond Riffler File Set

Description:

Diamond riffler files are used for work in hard-to-reach areas and on complex shapes. Contains the most commonly used shapes, supplied in a vinyl wallet.

Contents:

1 of each needle file: flat, three square, slitting, and 1 of each style riffler: 985, 911, 905, 940, 952, 961 and 963.

| Article No. | Length (mm) | Quantity |
|-------------|-------------|----------|
| #S#09326 | 140 | 10pcs |



Carbide Mini Burr - Cylindrical

Description:

Burrs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09327 | 38.0 | 14.0 | 3.0 |
| #S#09328 | 45.0 | 12.7 | 6.3 |

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|-------------|--------|



Carbide Mini Burr - Cylindrical With End Cut

Description:

Burrs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09329 | 38.0 | 14.0 | 3.0 |
| #S#09330 | 45.0 | 12.7 | 6.3 |

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|-------------|--------|



Carbide Mini Burr - Cylindrical Ball Nose

Description:

Burrs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09321 | 38.0 | 14.0 | 3.0 |
| #S#09332 | 44.0 | 12.7 | 6.3 |

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|-------------|--------|



Carbide Mini Burr - Ball

Description:

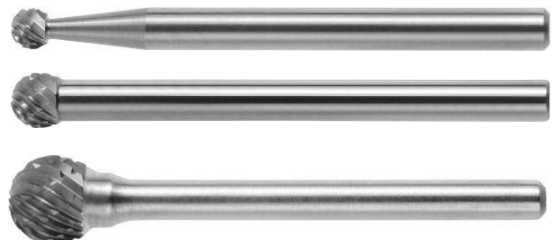
Burrs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09333 | 38.0 | 2.5 | 3.0 |
| #S#09334 | 38.0 | 3.4 | 4.0 |
| #S#09335 | 38.0 | 5.0 | 6.3 |

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|-------------|--------|



HOLEX Carbide Mini Burr - Teardrop

Description:
Burs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:
Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|-------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09336 | 38.0 | 5.5 | 3.0 |
| #S#09337 | 42.0 | 9.5 | 6.3 |

HOLEX Carbide Mini Burr - Round Arch

Description:
Burs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:
Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|-------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#06459 | 38.0 | 14.0 | 3.0 |
| #S#09338 | 45.0 | 12.7 | 6.4 |

HOLEX Carbide Mini Burr - Pointed

Description:
Burs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:
Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|-------------|--------|



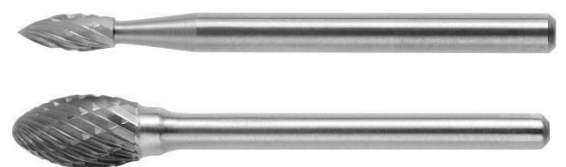
| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#06458 | 38.0 | 14.0 | 3.0 |
| #S#09339 | 45.0 | 12.7 | 6.3 |

HOLEX Carbide Mini Burr - Flame

Description:
Burs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:
Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|-------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09340 | 38.0 | 6.0 | 3.0 |
| #S#09341 | 43.0 | 13.0 | 6.0 |

HOLEX Carbide Mini Burr - Cone

Description:
Burs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:
Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|-------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09342 | 38.0 | 6.0 | 3.0 |
| #S#09343 | 43.0 | 13.0 | 6.0 |



Carbide Mini Burr Set

Description:

Burrs are manufactured from highest quality carbide with high wear-resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

Supplier with 1 each:

#S#09327, #S#09329, #S#09331, #S#09333, #S#09334, #S#09336, #S#06459, #S#06458, #S#09340, #S#09342.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 3mm | Medium |
|---------|----------------|--------|



| Article No. | Quantity |
|-------------|----------|
| #S#09344 | 10pcs |



Diamond Coated Mini Burr - Cylindrical

Description:

Suitable for precision grinding of carbide, gems, glass, ceramics, tough alloys, cermets, tool steels etc.

- Diamond grip mesh is 120/140.
- Recommended operating speeds 15,000 - 30,000 rpm.
- Overall Length 45mm

| | | |
|-----|----------------|----------------|
| HSS | Diamond Coated | Shank Ø 3mm |
|-----|----------------|----------------|



| Article No. | Head Ø x Length (mm) |
|-------------|----------------------|
| #S#09345 | 1.0 x 9 |
| #S#09346 | 1.5 x 9 |
| #S#09347 | 2.0 x 10 |
| #S#09348 | 2.5 x 10 |
| #S#09349 | 3.0 x 10 |
| #S#09350 | 4.0 x 10 |
| #S#09351 | 5.0 x 10 |



Diamond Coated Mini Burr - Cylindrical Ball Nose

Description:

Suitable for precision grinding of carbide, gems, glass, ceramics, tough alloys, cermets, tool steels etc.

- Diamond grip mesh is 120/140.
- Recommended operating speeds 15,000 - 30,000 rpm.
- Overall Length 45mm

| | | |
|-----|----------------|----------------|
| HSS | Diamond Coated | Shank Ø 3mm |
|-----|----------------|----------------|



| Article No. | Head Ø x Length (mm) |
|-------------|----------------------|
| #S#09357 | 1.5 x 9 |
| #S#09358 | 2.0 x 10 |
| #S#09359 | 2.5 x 10 |
| #S#09360 | 3.0 x 10 |
| #S#09361 | 4.0 x 10 |
| #S#09362 | 5.0 x 10 |



Diamond Coated Mini Burr - Pointed Tree

Description:

Suitable for precision grinding of carbide, gems, glass, ceramics, tough alloys, cermets, tool steels etc.

- Diamond grip mesh is 120/140.
- Recommended operating speeds 15,000 - 30,000 rpm.
- Overall Length 45mm

| | | |
|-----|----------------|----------------|
| HSS | Diamond Coated | Shank Ø 3mm |
|-----|----------------|----------------|



| Article No. | Head Ø x Length (mm) |
|-------------|----------------------|
| #S#09367 | 2.0 x 9 |
| #S#09368 | 3.0 x 9 |
| #S#09369 | 4.0 x 10 |
| #S#09370 | 5.0 x 10 |



Diamond Coated Mini Burr - Ball

Description:

Suitable for precision grinding of carbide, gems, glass, ceramics, tough alloys, cermets, tool steels etc.

- Diamond grip mesh is 120/140.
- Recommended operating speeds 15,000 - 30,000 rpm.
- Overall Length 45mm

| | | |
|-----|----------------|-------------|
| HSS | Diamond Coated | Shank Ø 3mm |
|-----|----------------|-------------|



| Article No. | Head Ø x Length (mm) |
|-------------|----------------------|
| #S#09352 | 1.0 x 1.0 |
| #S#09353 | 2.0 x 2.0 |
| #S#09354 | 3.0 x 3.0 |
| #S#09355 | 4.0 x 4.0 |
| #S#09356 | 5.0 x 5.0 |



Diamond Coated Mini Burr - Round Tree

Description:

Suitable for precision grinding of carbide, gems, glass, ceramics, tough alloys, cermets, tool steels etc.

- Diamond grip mesh is 120/140.
- Recommended operating speeds 15,000 - 30,000 rpm.
- Overall Length 45mm

| | | |
|-----|----------------|-------------|
| HSS | Diamond Coated | Shank Ø 3mm |
|-----|----------------|-------------|



| Article No. | Head Ø x Length (mm) |
|-------------|----------------------|
| #S#09363 | 1.0-2.0 x 10 |
| #S#09364 | 2.0-3.0 x 10 |
| #S#09365 | 1.0-3.3 x 10 |
| #S#09366 | 2.0-3.3 x 10 |



Diamond Coated Mini Burr - Round Tree

Description:

Suitable for precision grinding of carbide, gems, glass, ceramics, tough alloys, cermets, tool steels etc.

- Diamond grip mesh is 120/140.
- Recommended operating speeds 15,000 - 30,000 rpm.
- Overall Length 45mm

| | | |
|-----|----------------|-------------|
| HSS | Diamond Coated | Shank Ø 3mm |
|-----|----------------|-------------|



| Article No. | Head Ø x Length (mm) | Angle |
|-------------|----------------------|-------|
| #S#09371 | 2 x 12 | 7° |
| #S#09372 | 3 x 15 | 10° |



Carbide Burr - Cylindrical

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|-------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09373 | 50.0 | 18.0 | 6.0 |
| #S#09374 | 64.0 | 19.0 | 8.0 |
| #S#09375 | 64.0 | 19.0 | 9.5 |
| #S#09376 | 70.0 | 25.0 | 12.0 |
| #S#09377 | 70.0 | 25.0 | 16.0 |

HOLEX® Carbide Burr - Cylindrical With End Cut

Description:
Burs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:
Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|-------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09378 | 50.0 | 18.0 | 6.0 |
| #S#09379 | 64.0 | 19.0 | 8.0 |
| #S#09380 | 64.0 | 19.0 | 9.5 |
| #S#09381 | 70.0 | 25.0 | 12.0 |
| #S#09382 | 70.0 | 25.0 | 16.0 |

HOLEX® Carbide Burr - Cylindrical Ball Nose

Description:
Burs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:
Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|-------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09383 | 50.0 | 18.0 | 6.0 |
| #S#09384 | 63.0 | 19.0 | 8.0 |
| #S#09385 | 63.0 | 19.0 | 9.5 |
| #S#06275 | 70.0 | 25.0 | 12.0 |
| #S#09386 | 70.0 | 25.0 | 16.0 |

HOLEX® Carbide Burr - Ball

Description:
Burs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:
Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|-------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09387 | 50.0 | 4.7 | 6.0 |
| #S#09388 | 52.0 | 6.0 | 8.0 |
| #S#09389 | 54.0 | 8.0 | 9.5 |
| #S#09390 | 56.0 | 11.0 | 12.0 |
| #S#09391 | 60.0 | 14.0 | 16.0 |

HOLEX® Carbide Burr - Pointed

Description:
Burs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:
Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|-------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|-------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09392 | 50.0 | 18.0 | 6.0 |
| #S#09393 | 64.0 | 19.0 | 9.5 |
| #S#09394 | 70.0 | 25.0 | 12.0 |
| #S#06276 | 75.0 | 30.0 | 16.0 |



Carbide Burr - Round Arch

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09395 | 50.0 | 18.0 | 6.0 |
| #S#09396 | 65.0 | 20.0 | 8.0 |
| #S#04069 | 64.0 | 19.0 | 9.6 |
| #S#06277 | 70.0 | 25.0 | 12.0 |
| #S#09397 | 75.0 | 30.0 | 16.0 |



Carbide Burr - Pointed Cone

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09398 | 50.0 | 20.0 | 6.0 |
| #S#09399 | 64.0 | 20.0 | 10.0 |
| #S#06278 | 70.0 | 25.0 | 12.0 |



Carbide Burr - Round Cone

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#04070 | 65.0 | 20.0 | 10.0 |
| #S#06279 | 75.0 | 30.0 | 12.0 |
| #S#09400 | 78.0 | 33.3 | 16.0 |



Carbide Burr - Teardrop / Flame

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09401 | 50.0 | 10.0 | 6.0 |
| #S#09402 | 60.0 | 15.0 | 8.0 |
| #S#09403 | 60.0 | 20.0 | 12.0 |
| #S#09404 | 64.0 | 19.0 | 8.0 |
| #S#09405 | 66.0 | 30.0 | 12.0 |



Carbide Burr - Cylindrical Ball Nose (Long)

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09406 | 216 | 16.0 | 6.0 |
| #S#09407 | 220 | 20.0 | 8.0 |
| #S#09408 | 225 | 25.0 | 12.0 |



Carbide Burr - Teardrop (Long)

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09409 | 220 | 20.0 | 12.0 |



Carbide Burr - Round Arch (Long)

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09410 | 218 | 18.0 | 6.0 |



Carbide Burr - Ball (Long)

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09411 | 205 | 5.0 | 6.0 |
| #S#09412 | 207 | 7.0 | 8.0 |
| #S#09413 | 209 | 9.0 | 10.0 |
| #S#09414 | 210 | 10.0 | 12.0 |



Carbide Burr - Cylindrical With Guide Face

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09415 | 60 | 27.0 | 6.0 |



Carbide Burr - Special MN Shape

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09416 | 70 | 25.0 | 12.0 |



Carbide Burr - Special T Shape

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09417 | 70 | 10.0 | 16.0 |
| #S#09418 | 120 | 10.0 | 16.0 |



Carbide Burr - Radius

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) | Radius (mm) |
|-------------|---------------|------------------|-------------|-------------|
| #S#09419 | 52 | 12.0 | 8.0 | 2.5 |
| #S#09420 | 55 | 15.0 | 10.0 | 8.0 |
| #S#09421 | 55 | 15.0 | 13.0 | 10.0 |



Carbide Burr - Countersink

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) | Angle |
|-------------|---------------|------------------|-------------|-------|
| #S#09422 | 50 | 10.0 | 10.0 | 90° |
| #S#09423 | 53 | 13.0 | 10.0 | 60° |
| #S#09424 | 53 | 13.0 | 16.0 | 90° |



Carbide Burr Set

Description:

Burrs are manufactured from highest quality carbide with high wear resistance and maximum cutting edge strength, using only the latest CNC machines. Steel shanks are used when the head diameter is larger than the shank diameter, otherwise they are made from solid carbide.

Application:

Suitable for use with power tools and industrial robots, on almost all materials. For deburring, edge breaking, cleaning, weld and surface preparation.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Medium |
|---------|----------------|--------|



| Article No. | Quantity | Supplier with 1 each: |
|-------------|----------|--|
| #S#09425 | 10pcs | #S#09378, #S#09380, #S#09381, #S#09383, #S#06275 |
| | | #S#09389, #S#09392, #S#06276, #S#06277, #S#09399 |



Carbide Burr Steel Profile - Cylindrical

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. The optimised chip formation (no pointed chips) ensures good surface quality.

Application: Optimised for use on steel and steel castings.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09426 | 50.0 | 18.0 | 6.0 |
| #S#09427 | 64.0 | 19.0 | 8.0 |
| #S#09428 | 64.0 | 19.0 | 9.6 |
| #S#09429 | 70.0 | 25.0 | 12.7 |



Carbide Burr Steel Profile - Ball Nose

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. The optimised chip formation (no pointed chips) ensures good surface quality.

Application: Optimised for use on steel and steel castings.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09430 | 50.0 | 18.0 | 6.0 |
| #S#09431 | 64.0 | 19.0 | 8.0 |
| #S#09432 | 64.0 | 19.0 | 9.6 |
| #S#09433 | 70.0 | 25.0 | 12.7 |



Carbide Burr Steel Profile - Ball

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. The optimised chip formation (no pointed chips) ensures good surface quality.

Application: Optimised for use on steel and steel castings.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09434 | 50.0 | 5.0 | 6.0 |
| #S#09435 | 52.0 | 7.0 | 8.0 |
| #S#09436 | 54.0 | 8.0 | 9.6 |
| #S#09437 | 56.0 | 11.0 | 12.7 |



Carbide Burr Steel Profile - Pointed

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. The optimised chip formation (no pointed chips) ensures good surface quality.

Application: Optimised for use on steel and steel castings.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09438 | 50.0 | 20.0 | 6.0 |
| #S#09439 | 64.0 | 19.0 | 8.0 |
| #S#09440 | 64.0 | 19.0 | 9.6 |
| #S#09441 | 70.0 | 25.0 | 12.7 |



Carbide Burr Steel Profile - Round Arch

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. The optimised chip formation (no pointed chips) ensures good surface quality.

Application: Optimised for use on steel and steel castings.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09442 | 50.0 | 18.0 | 6.0 |
| #S#09443 | 65.0 | 20.0 | 8.0 |
| #S#09444 | 64.0 | 19.0 | 9.6 |
| #S#09445 | 70.0 | 25.0 | 12.7 |



Carbide Burr Steel Profile - Round Cone

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. The optimised chip formation (no pointed chips) ensures good surface quality.

Application: Optimised for use on steel and steel castings.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09460 | 76.0 | 30.0 | 9.6 |
| #S#09461 | 77.0 | 32.0 | 13.2 |



Carbide Burr Steel Profile Set

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. The optimised chip formation (no pointed chips) ensures good surface quality.

Application: Optimised for use on steel and steel castings.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | Quantity | Supplier with 1 each: |
|-------------|----------|--|
| #S#05909 | 8pcs | #S#09426, #S#09428, #S#09429, #S#09433 |
| | | #S#09436, #S#09439, #S#09445, #S#09446 |



Carbide Burr Inox Profile - Cylindrical

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. Outstanding chip formation and surface results, low heat input into the material (no tempering colouration).

Application: Optimised for use on austenitic, rust-resistant and acid-resistant steels, soft titanium alloys and non-ferrous metals.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09448 | 50.0 | 18.0 | 6.0 |
| #S#09449 | 64.0 | 19.0 | 8.0 |
| #S#09450 | 64.0 | 19.0 | 9.6 |
| #S#09451 | 70.0 | 25.0 | 12.7 |



Carbide Burr Inox Profile - Ball Nose

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. Outstanding chip formation and surface results, low heat input into the material (no tempering colouration).

Application:

Optimised for use on austenitic, rust-resistant and acid-resistant steels, soft titanium alloys and non-ferrous metals.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09452 | 50.0 | 18.0 | 6.0 |
| #S#09453 | 63.0 | 19.0 | 8.0 |
| #S#09454 | 63.0 | 19.0 | 9.6 |
| #S#09455 | 70.0 | 25.0 | 12.7 |



Carbide Burr Inox Profile - Round Arch

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. Outstanding chip formation and surface results, low heat input into the material (no tempering colouration).

Application:

Optimised for use on austenitic, rust-resistant and acid-resistant steels, soft titanium alloys and non-ferrous metals.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09456 | 50.0 | 18.0 | 6.0 |
| #S#09457 | 65.0 | 20.0 | 8.0 |
| #S#09458 | 64.0 | 19.0 | 9.6 |
| #S#09459 | 70.0 | 25.0 | 12.7 |



Carbide Burr Inox Profile - Round Cone

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. Outstanding chip formation and surface results, low heat input into the material (no tempering colouration).

Application:

Optimised for use on austenitic, rust-resistant and acid-resistant steels, soft titanium alloys and non-ferrous metals.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|



| Article No. | T.Length (mm) | Head Length (mm) | Head Ø (mm) |
|-------------|---------------|------------------|-------------|
| #S#09460 | 65.0 | 20.0 | 10.0 |
| #S#09461 | 77.0 | 32.0 | 12.7 |



Carbide Burr Inox Profile Set

Description:

The innovative tooth geometry permits very high metal removal rates combined with smooth cutting and good guidance accuracy. Outstanding chip formation and surface results, low heat input into the material (no tempering colouration).

Application:

Optimised for use on austenitic, rust-resistant and acid-resistant steels, soft titanium alloys and non-ferrous metals.

| | | |
|---------|----------------|--------|
| Carbide | Shank Ø 6mm | Coarse |
|---------|----------------|--------|




| Article No. | Quantity | Supplier with 1 each: |
|-------------|----------|--|
| #S#05909 | 5pcs | #S#09448, #S#09450, #S#09454, #S#09458, #S#09460 |

Grinding Point


| | |
|-----------------|-------------|
| Aluminium Oxide | Shank Ø 3mm |
|-----------------|-------------|

Description:


Suitable for portable die and straight hand grinders. All points are aluminium oxide with 'rubenite™' as standard for all general-purpose grinding and deburring on steels and most metals. Shank diameters are metric as listed below with inch sizes available on request. Maximum speeds are quoted assuming that collet to back of point does not exceed 12.7mm (1/2") and are for guidance only.




| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Article No. | #S#09463 | #S#09464 | #S#09465 | #S#09466 | #S#09467 | #S#09468 | #S#09469 | #S#09470 |
| Grade | RA80 | RA80 | RA100 | RA100 | RA100 | RA120 | RA120 | RA80 |
| Dia x L (mm) | 16x16 | 13x19 | 6x8 | 6x10 | 5x8 | 3x8 | 3x4 | 12x19 |



| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Article No. | #S#09471 | #S#09472 | #S#09473 | #S#09474 | #S#09475 | #S#09476 | #S#09477 | #S#09478 |
| Grade | RA80 | RA100 | RA100 | RA100 | RA80 | RA80 | RA100 | RA120 |
| Dia x L (mm) | 10x20 | 8x16 | 6x13 | 3x6 | 19x8 | 13x10 | 6x5 | 6x2 |



| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Article No. | #S#09479 | #S#09480 | #S#09481 | #S#09482 | #S#09483 | #S#09484 | #S#09485 | #S#09486 |
| Grade | RA120 | RA120 | RA120 | RA120 | RA120 | RA120 | RA120 | RA120 |
| Dia x L (mm) | 3x3 | 19x3 | 16x2.4 | 13x3 | 19x5 | 13x6 | 10x5 | 8x5 |




| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Article No. | #S#09487 | #S#09488 | #S#09489 | #S#09490 | #S#09491 | #S#09492 | #S#09493 | #S#09494 |
| Grade | RA120 | RA120 | RA120 | RA120 | RA100 | RA100 | RA100 | RA180 |
| Dia x L (mm) | 13x16 | 6x6 | 5x5 | 3x5 | 3x6 | 3x10 | 16x18 | 16x13 |



| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Article No. | #S#09495 | #S#09496 | #S#09497 | #S#09498 | #S#09499 | #S#09500 | #S#09501 | #S#09502 |
| Grade | RA80 | RA100 | RA120 | RA100 | RA100 | RA120 | RA80 | RA80 |
| Dia x L (mm) | 16x15 | 8x10 | 6x6 | 3x3 | 12x18 | 10x13 | 6x6 | 6x10 |



| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Article No. | #S#09503 | #S#09504 | #S#09505 | #S#09506 | #S#09507 | #S#09508 | #S#09509 | #S#09510 |
| Grade | RA100 | RA120 | RA120 | RA80 | RA120 | RA80 | RA80 | RA80 |
| Dia x L (mm) | 2.5x3 | 13x13 | 10x10 | 5x5 | 3x3 | 13x13 | 10x13 | 6x13 |



| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Article No. | #S#09511 | #S#09512 | #S#09513 | #S#09514 | #S#09515 | #S#09516 | #S#09517 | #S#09518 |
| Grade | RA120 | RA120 | RA100 | RA80 | RA80 | RA120 | RA120 | RA120 |
| Dia x L (mm) | 2.5x6 | 3x3 | 3x6 | 3x10 | 3x13 | 4x0.8 | 4x6 | 5x3 |



| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Article No. | #S#09519 | #S#09520 | #S#09521 | #S#09522 | #S#09523 | #S#09524 | #S#09525 | #S#09526 |
| Grade | RA100 | RA120 | RA80 | RA120 | RA100 | RA80 | RA80 | RA80 |
| Dia x L (mm) | 5x6 | 5x10 | 5x13 | 6x3 | 6x5 | 6x6 | 6x10 | 6x13 |



| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Article No. | #S#09527 | #S#09528 | #S#09529 | #S#09530 | #S#09531 | #S#09532 | #S#09533 | #S#09534 |
| Grade | RA80 | RA60 | RA60 | RA80 | RA60 | RA60 | RA60 | RA60 |
| Dia x L (mm) | 6x20 | 8x6 | 8x13 | 10x3 | 10x6 | 10x10 | 10x13 | 10x3 |



| | | | | | |
|--------------|----------|----------|----------|----------|----------|
| Article No. | #S#09535 | #S#09536 | #S#09537 | #S#09538 | #S#09539 |
| Grade | RA80 | RA80 | RA60 | RA80 | RA80 |
| Dia x L (mm) | 10x6 | 13x10 | 13x13 | 20x3 | 22x3 |



Grinding Point

Description:

The ALU type is particularly well suited to universal use on aluminium and non-ferrous metals. It is used to remove burrs on cast aluminium parts and for chamfering on aluminium profiles for weld-seam preparation.

Advantages:

- The special impregnation means there is no clogging when working on soft, lubricating or tough materials.
- Good grinding performance and stock removal rate.

Silicon Carbide Shank Ø 3mm



| Article No. | Head Ø (mm) | Head Length (mm) | Grit |
|-------------|-------------|------------------|------|
| #S#10690 | 3 | 6 | Fine |
| #S#10691 | 6 | 13 | Fine |



Abrasive Cap

Description:

Compatible only for use with abrasive cap holders No. 553320. Silicon carbide (SiC) ideal for grinding titanium, aluminium and alloys of those metals. Cool grinding due to the use of abrasive additives.

Application:

The seamlessly formed abrasive caps slide on to the rubber body and are securely held in place by centrifugal force when the machine is running. Abrasive caps can be replaced quickly and easily (replace in direction of slots).

Silicon Carbide



| Article No. | Head Ø (mm) | Head Length (mm) | Grit | Holder |
|-------------|-------------|------------------|------|----------|
| #S#10700 | 5 | 11 | 80 | #S#10707 |
| #S#10701 | 7 | 13 | 80 | #S#10708 |
| #S#10704 | 5 | 11 | 150 | #S#10707 |



Abrasive Cap Holder

Description:

The seamlessly formed abrasive caps slide on to the rubber body and are securely held in place by centrifugal force when the machine is running. Abrasive caps can be replaced quickly and easily (replace in direction of slots).

Slotted, resilient rubber body with steel shank.

Shank Ø 3mm



Application:

Used mostly in tool making for finishing where access is difficult.

| Article No. | Suitable cap for: |
|-------------|--------------------|
| #S#10707 | #S#10700, #S#10704 |
| #S#10708 | #S#10701 |



Grinding Point

Description:

PFERD grinding points (OSA certified and tested to DIN EN 12 413) are specially designed for hardness, bonding, grit type and grit size for the specific applications and cover a very wide application range. Minimal radial run-out ensures vibration-free grinding which is good for man, machine, and component. PFERD grinding points are generally suitable for edge and surface grinding and provide you with maximum material removal rates, long service life, and consistent surface finish quality of the component.

Grinding point with mixed grit (AW-CER) in hardness J. Soft bonded combination of white aluminium oxide and ceramic micro-crystalline sintered aluminium oxide with high self-sharpening characteristics for consistently high metal removal rates coupled with cool grinding behaviour (Pferd designation AWCO).

Application:

For surface grinding of superalloys that are difficult to grind such as titanium materials, nickel and cobalt-based alloys, and also hardened steel.

AW-CER Shank Ø 3mm



| Article No. | #S#13269 | #S#13270 | #S#13271 | #S#13272 | #S#13273 | #S#13274 | #S#13275 |
|--------------|----------|----------|----------|----------|----------|----------|----------|
| Grade | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Dia x L (mm) | 2x5 | 4x8 | 6x13 | 8x16 | 4x8 | 6x13 | 8x16 |



| Article No. | #S#13276 | #S#13277 | #S#13278 |
|--------------|----------|----------|----------|
| Grade | 80 | 80 | 80 |
| Dia x L (mm) | 3x3 | 6x6 | 8x8 |



Grinding Point

| | |
|-----------------|-------------|
| Aluminium Oxide | Shank Ø 6mm |
|-----------------|-------------|

Description:

Suitable for portable die and straight hand grinders. All points are aluminium oxide with 'rubenite™' as standard for all general-purpose grinding and deburring on steels and most metals. Shank diameters are metric as listed below with inch sizes available on request. Maximum speeds are quoted assuming that collet to back of point does not exceed 12.7mm (1/2") and are for guidance only.

| | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | |
| Article No. | #S#09547 | #S#09548 | #S#09549 | #S#09550 | #S#09551 | #S#09552 | #S#09553 | #S#09554 |
| Grade | RA46 | RA46 | RA46 | RA46 | RA46 | RA46 | RA46 | RA46 |
| Dia x L (mm) | 20x63 | 25x32 | 25x70 | 32x32 | 20x28 | 19x28 | 21x45 | 21x50 |
| | | | | | | | | |
| Article No. | #S#09555 | #S#09556 | #S#09557 | #S#09558 | #S#09559 | #S#09560 | #S#09561 | #S#09562 |
| Grade | RA46 | RA60 | RA60 | RA80 | RA60 | RA60 | RA60 | RA60 |
| Dia x L (mm) | 18x32 | 28x28 | 18x22 | 6x27 | 25x25 | 19x16 | 19x25 | 6x20 |
| | | | | | | | | |
| Article No. | #S#09563 | #S#09564 | #S#09565 | #S#09566 | #S#09567 | #S#09568 | #S#09569 | #S#09570 |
| Grade | RA60 | RA60 | RA46 | RA46 | RA46 | RA46 | RA46 | RA80 |
| Dia x L (mm) | 25x25 | 16x16 | 35.5x25 | 25x16 | 25x13 | 38x9 | 25x10 | 40x10 |
| | | | | | | | | |
| Article No. | #S#09571 | #S#09572 | #S#09573 | #S#09574 | #S#09575 | #S#09576 | #S#09577 | #S#09578 |
| Grade | RA80 | RA60 | RA60 | RA60 | RA60 | RA60 | RA60 | RA60 |
| Dia x L (mm) | 32x6 | 25x25 | 19x19 | 8x19 | 10x20 | 10x25 | 10x32 | 13x20 |
| | | | | | | | | |
| Article No. | #S#09579 | #S#09580 | #S#09581 | #S#09582 | #S#09583 | #S#09584 | #S#09585 | #S#09586 |
| Grade | RA60 | RA60 | RA80 | RA60 | RA60 | RA60 | RA60 | RA60 |
| Dia x L (mm) | 13x25 | 13x38 | 16x6 | 16x10 | 16x13 | 16x19 | 16x25 | 16x50 |
| | | | | | | | | |
| Article No. | #S#09587 | #S#09588 | #S#09589 | #S#09590 | #S#09591 | #S#09592 | #S#04518 | #S#09593 |
| Grade | RA60 | RA60 | RA60 | RA60 | RA36 | RA46 | RA60 | RA80 |
| Dia x L (mm) | 20x6 | 20x6 | 20x13 | 20x19 | 20x25 | 20x50 | 22x6 | 25x3 |
| | | | | | | | | |
| Article No. | #S#04519 | #S#09594 | #S#09595 | #S#09596 | #S#09597 | #S#09598 | #S#04706 | #S#09599 |
| Grade | RA46 | RA46 | RA80 | RA46 | RA46 | RA46 | RA46 | RA46 |
| Dia x L (mm) | 25x6 | 25x10 | 25x13 | 25x19 | 25x25 | 25x50 | 32x6 | 32x9.5 |
| | | | | | | | | |
| Article No. | #S#09600 | #S#09601 | #S#09602 | #S#09603 | #S#09604 | | | |
| Grade | RA46 | RA46 | RA46 | RA46 | RA46 | | | |
| Dia x L (mm) | 32x13 | 32x32 | 38x13 | 38x38 | 50x25 | | | |



Grinding Point

| | |
|-----------------|-------------|
| Silicon Carbide | Shank Ø 6mm |
|-----------------|-------------|

Description:

LUKAS grinding points (OSA certified and tested to DIN EN 12 413) are specially designed for hardness, bonding, grit type and grit size for the specific applications and cover a very wide application range. Minimal radial run-out ensures vibration-free grinding which is good for man, machine, and component. LUKAS grinding points are generally suitable for edge and surface grinding and are characterised by maximum material removal rate, long tool life and consistent surface finish quality of the component. Ceramic bonded SiC grinding points, 80 grit (fine), with high self-sharpening effect and open-pore structure for improved reduction of clogging. Shank Ø 6 mm, shank length 40 mm.

Application:

For grinding aluminium alloys and soft materials (non-ferrous metals).

| | | | | | |
|--------------|----------|----------|----------|----------|----------|
| | | | | | |
| Article No. | #S#07504 | #S#07505 | #S#07506 | #S#07507 | #S#07508 |
| Grade | 80 | 80 | 80 | 80 | 80 |
| Dia x L (mm) | 10x13 | 10x20 | 20x25 | 40x20 | 16x32 |



Abrasive Cap

Description:

Compatible only for use with abrasive cap holders No. 553320. Silicon carbide (SiC) ideal for grinding titanium, aluminium and alloys of those metals. Cool grinding due to the use of abrasive additives.

Application:

The seamlessly formed abrasive caps slide on to the rubber body and are securely held in place by centrifugal force when the machine is running. Abrasive caps can be replaced quickly and easily (replace in direction of slots).

Silicon Carbide



| Article No. | Head Ø (mm) | Head Length (mm) | Grit | Holder |
|-------------|-------------|------------------|------|----------|
| #S#10702 | 5 | 15 | 80 | #S#10709 |
| #S#10703 | 11 | 25 | 80 | #S#10710 |
| #S#10705 | 5 | 15 | 150 | #S#10709 |
| #S#10706 | 11 | 25 | 150 | #S#10710 |



Abrasive Cap Holder

Description:

The seamlessly formed abrasive caps slide on to the rubber body and are securely held in place by centrifugal force when the machine is running. Abrasive caps can be replaced quickly and easily (replace in direction of slots).

Slotted, resilient rubber body with steel shank.

Application:

Used mostly in tool making for finishing where access is difficult.

Shank Ø 6mm



| Article No. | Suitable cap for: |
|-------------|--------------------|
| #S#10709 | #S#10702, #S#10705 |
| #S#10710 | #S#10703, #S#10706 |



Grinding Point

Description:

PFERD grinding points (OSA certified and tested to DIN EN 12 413) are specially designed for hardness, bonding, grit type and grit size for the specific applications and cover a very wide application range. Minimal radial run-out ensures vibration-free grinding which is good for man, machine, and component. PFERD grinding points are generally suitable for edge and surface grinding and provide you with maximum material removal rates, long service life, and consistent surface finish quality of the component.

Grinding point with mixed grit (AW-CER) in hardness J. Soft bonded combination of white aluminium oxide and ceramic micro-crystalline sintered aluminium oxide with high self-sharpening characteristics for consistently high metal removal rates coupled with cool grinding behaviour (Pferd designation AWCO).

Application:

For surface grinding of superalloys that are difficult to grind such as titanium materials, nickel and cobalt-based alloys, and also hardened steel.

AW-CER Shank Ø 6mm



| Article No. | #S#13352 | #S#13354 | #S#13355 | #S#13356 |
|--------------|----------|----------|----------|----------|
| Grade | 80 | 80 | 80 | 80 |
| Dia x L (mm) | 10x20 | 13x25 | 13x20 | 16x45 |



Quick Change, Grinding Disc

Description:

Version:

Zirconium aluminium oxide (ZA) with the best cost-benefit ratio for economic performance on steel and non-ferrous metals.

Max Speed : 25000rpm

Zirconium Aluminium Oxide External Thread



| Article No. | | Grit Size |
|-------------|------------|-----------|
| Dia 50.8mm | Dia 76.2mm | |
| #S#09605 | #S#09608 | 36 |
| #S#09606 | #S#09609 | 50 |
| #S#09607 | #S#09610 | 60 |
| #S#02362 | #S#09611 | 80 |
| #S#02361 | #S#09612 | 120 |



Quick Change, Grinding Disc

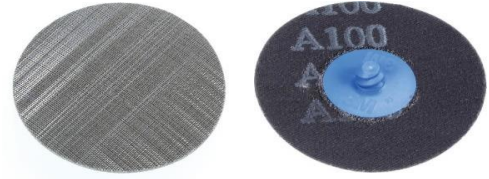
Description:

Plastic thread permits safe abrasive tool changing "with a single twist of the wrist" in a very short time. Fine-structured pyramidal surface of micro-Aluminium Oxide mineral particles.

Application:

For efficient abrasion of small areas, even with changing contours. Reduced tool changing times save costs on multi-stage operations. Specially for surface finishing of hard and difficult-to-grind materials such as stainless steel, titanium, high-alloy steels etc. Consistently reproducible finish and long service life compared to grinding discs of a similar grit grade.

| | |
|-----------------|-----------------|
| Aluminium Oxide | External Thread |
|-----------------|-----------------|



Article No.

| Dia 50.8mm | Dia 76.2mm | Grit Size |
|------------|------------|-----------|
| #S#13476 | #S#13479 | 120 |
| #S#06455 | #S#13480 | 180 |
| #S#06456 | #S#13481 | 280 |
| #S#13477 | #S#13482 | 400 |
| #S#13478 | #S#13483 | 600 |



Quick Change, Grinding Disc

Description:

plastic thread permits safe abrasive tool changing "with a single twist of the wrist" in a very short time. Sharp-edged Silicon Carbide grit (SiC) for aggressive grinding with light pressure.

Application:

For efficient abrasion of small areas, even with changing contours. Reduced tool changing times save costs on multi-stage operations. Specially suitable for grinding titanium alloys, aluminium, copper and bronze.

| | |
|-----------------|-----------------|
| Silicon Carbide | External Thread |
|-----------------|-----------------|



Article No.

| Dia 50.8mm | Dia 76.2mm | Grit Size |
|------------|------------|-----------|
| #S#13484 | #S#13487 | 36 |
| #S#13485 | #S#13488 | 60 |
| #S#13486 | #S#13489 | 80 |
| #S#07496 | #S#13490 | 120 |



Quick Change, Grinding Disc

Description:

plastic thread permits safe abrasive tool changing "with a single twist of the wrist" in a very short time. Very high material removal rate and service life due to the use of self-sharpening ceramic grit (CER).

Application:

Use in conjunction with hard support pad. For efficient abrasion of small areas, even with changing contours. Reduced tool changing times save costs on multi-stage operations.

| | |
|---------|-----------------|
| Ceramic | External Thread |
|---------|-----------------|



Article No.

| Dia 50.8mm | Dia 76.2mm | Grit Size |
|------------|------------|-----------|
| #S#13492 | #S#13493 | 36 |
| #S#13491 | #S#13494 | 60 |
| #S#06190 | #S#13495 | 80 |
| #S#06191 | #S#13496 | 120 |



Quick Change, Cleaning Disc

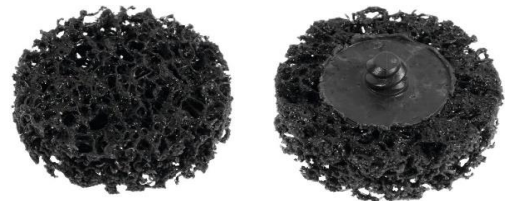
Description:

Plastic thread permits safe abrasive tool changing "with a single twist of the wrist" in a very short time. Coarse cleaning disc with synthetic nylon fleece evenly impregnated with abrasive grit on glass fibre pad. Open structure, will not clog. High material removal rate for general-purpose cleaning work.

Application:

For efficient abrasion of small areas, even with changing contours. Reduced tool changing times save costs on multi-stage operations. For rust removal, paint removal, dressing weld seams and removing surface dirt.

| | | |
|--------------|-----------------|-----------------|
| Nylon Fleece | Silicon Carbide | External Thread |
|--------------|-----------------|-----------------|



Article No.

| Dia 50.8mm | Dia 76.2mm | Grit | Max Speed |
|------------|------------|--------------|-----------|
| #S#09613 | #S#09614 | Extra Coarse | 18000 |



Quick Change, Cleaning Disc

Description:

Pastic thread permits safe abrasive tool changing "with a single twist of the wrist" in a very short time. High performance general-purpose nylon fleece.

Application:

For cleaning, degreasing, and matt finishing of metal surfaces. For efficient abrasion of small areas, even with changing contours. Reduced tool changing times save costs on multi-stage operations.

| | |
|--------------|-----------------|
| Nylon Fleece | External Thread |
|--------------|-----------------|



Article No.

| Dia 50.8mm | Dia 76.2mm | Grit Size | Grit Designation |
|------------|------------|-----------|------------------|
| #S#09615 | #S#09617 | 100 | Coarse |
| #S#09616 | #S#05702 | 180 | Medium |
| #S#03255 | #S#05212 | 280 | Fine |



Quick Change, Rubber backing pad (Medium Hard)

Description:

To take abrasive discs with external thread quick-clamping systems (Roloc™, Combidisc®). Rubber backing pad with 1/4 inch mounting and 6 mm shank.

Application:

For efficient abrasion of small areas, even with changing contours. Reduced tool changing times save costs on multi-stage operations.

| | |
|-------------|-----------------|
| Shank Ø 6mm | External Thread |
|-------------|-----------------|



Article No.

| Dia 50mm | Dia 75mm |
|----------|----------|
| #S#07497 | #S#05180 |



Quick Change, Rubber backing pad (Hard) Thread M14

Description:

To take abrasive discs with external thread quick-clamping systems (Roloc™, Combidisc®). Rubber backing pad with M14 mounting. The Roloc™ quick-change system permits safe abrasive tool changing with "just one twist" by hand in the shortest time.

Application:

For efficient abrasion of small areas, even with changing contours. Reduced tool changing times save costs on multi-stage operations.



Article No.

#S#13475



Quick Change, Grinding Disc

Description:

Optimum connection between the backing pad and grinding disc by the quick-clamping system (internal thread). Easy and quick disc replacement by hand, even after heavy use. Aluminium Oxide (A) for general-purpose use. Sanding disc is centralised, resulting in vibration-free concentricity.

Application:

For efficient sanding down of small areas, even with varying contours in tool, mould and model making, machine, plant and container building. Reduced tool changing times save costs on multi-stage operations.

| | |
|-----------------|-----------------|
| Aluminium Oxide | Internal Thread |
|-----------------|-----------------|



Article No.

| Dia 25.4mm | Dia 50.8mm | Dia 76.2mm | Grit Size |
|------------|------------|------------|-----------|
| - | #S#09621 | #S#09625 | 36 |
| #S#09618 | #S#09622 | #S#09626 | 60 |
| #S#09619 | #S#09623 | #S#09627 | 80 |
| #S#09620 | #S#09624 | #S#09628 | 120 |



Quick Change, Grinding Disc

Description:

Optimum connection between the backing pad and grinding disc by the quick-clamping system (internal thread). Easy and quick disc replacement by hand, even after heavy use.

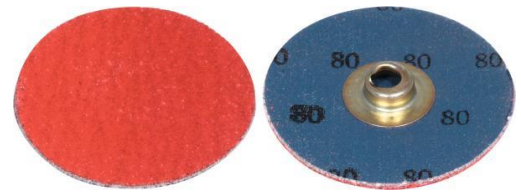
Sanding disc is centralised, resulting in vibration-free concentricity.

Ceramic grit (CER) ideal for working on stainless steels and nickel alloys. High removal rate and cool cut.

Application:

For efficient sanding down of small areas, even with varying contours in tool, mould and model making, machine, plant and container building. Reduced tool changing times save costs on multi-stage operations.

Ceramic Internal Thread



Article No.

| Dia 50.8mm | Dia 76.2mm | Grit Size |
|------------|------------|-----------|
| #S#13504 | #S#13508 | 36 |
| #S#13505 | #S#13509 | 60 |
| #S#13506 | #S#13510 | 80 |
| #S#13507 | #S#13511 | 120 |



Quick Change, Rubber backing pad (Medium Hard)

Description:

Optimum connection between the backing pad and grinding disc by the quick-clamping system (internal thread). Easy and quick disc replacement by hand, even after heavy use.

Rubber backing pad shank \varnothing 6 mm. To take grinding discs with the metal lock quick-clamping system.

Application:

For efficient sanding down of small areas, even with varying contours in tool, mould and model making, machine, plant and container building.

Shank \varnothing 6mm Internal Thread



| Dia 25mm | Article No. Dia 50mm | Dia 75mm |
|----------|----------------------|----------|
| #S#09629 | #S#09630 | #S#09631 |



Flap Wheel

Description:

Flap strips bonded on to the shank of the tool.

Abrasive strips covered with Aluminium Oxide (A).

Application:

Primarily for finish grinding and polishing tasks on larger radii in tool and mould making, for vessel and machine fabrication. The abrasive strips adapt to the contours of the component.

Aluminium Oxide Shank \varnothing 3mm



| Article No. | Grit | Head \varnothing (mm) | Head Length (mm) |
|-------------|------|-------------------------|------------------|
| #S#09632 | 60 | 15 | 15 |
| #S#09633 | 60 | 30 | 5 |
| #S#09634 | 60 | 30 | 10 |
| #S#09635 | 80 | 10 | 10 |
| #S#09636 | 80 | 15 | 15 |
| #S#09637 | 80 | 20 | 10 |
| #S#09638 | 80 | 30 | 5 |
| #S#09639 | 80 | 30 | 10 |
| #S#09640 | 120 | 10 | 10 |
| #S#09641 | 120 | 15 | 15 |
| #S#09642 | 120 | 20 | 10 |
| #S#09643 | 120 | 30 | 5 |
| #S#09644 | 120 | 30 | 10 |
| #S#09645 | 150 | 10 | 10 |
| #S#09646 | 150 | 20 | 10 |
| #S#09647 | 150 | 30 | 5 |
| #S#09648 | 150 | 30 | 10 |
| #S#09649 | 240 | 10 | 10 |
| #S#09650 | 240 | 15 | 15 |
| #S#09651 | 240 | 20 | 10 |
| #S#09652 | 240 | 30 | 5 |
| #S#09653 | 240 | 30 | 10 |

HOLEX Flap Wheel

Description:
Flap strips bonded on to the shank of the tool.
Abrasive strips covered with Aluminium Oxide (A).

Application:
Primarily for finish grinding and polishing tasks on larger radii in tool and mould making, for vessel and machine fabrication. The abrasive strips adapt to the contours of the component.

Aluminium Oxide Shank Ø 6mm



| Article No. | Grit | Head Ø (mm) | Head Length (mm) |
|-------------|------|-------------|------------------|
| #S#05764 | 40 | 40 | 15 |
| #S#09654 | 40 | 40 | 20 |
| #S#09655 | 40 | 50 | 15 |
| #S#05765 | 40 | 50 | 20 |
| #S#05766 | 40 | 50 | 30 |
| #S#09656 | 40 | 60 | 30 |
| #S#09657 | 40 | 60 | 40 |
| #S#09658 | 40 | 60 | 50 |
| #S#09659 | 40 | 80 | 30 |
| #S#09660 | 40 | 80 | 50 |
| #S#05770 | 60 | 20 | 15 |
| #S#09661 | 60 | 30 | 5 |
| #S#03256 | 60 | 30 | 10 |
| #S#09662 | 60 | 40 | 15 |
| #S#09663 | 60 | 40 | 20 |
| #S#09664 | 60 | 50 | 5 |
| #S#09665 | 60 | 50 | 15 |
| #S#09666 | 60 | 50 | 20 |
| #S#09667 | 60 | 50 | 30 |
| #S#09668 | 60 | 60 | 30 |
| #S#09669 | 60 | 60 | 40 |
| #S#09670 | 60 | 60 | 50 |
| #S#09671 | 60 | 80 | 30 |
| #S#09672 | 60 | 80 | 50 |
| #S#04741 | 80 | 20 | 15 |
| #S#09673 | 80 | 30 | 5 |
| #S#09674 | 80 | 30 | 10 |
| #S#09675 | 80 | 40 | 15 |
| #S#09676 | 80 | 40 | 20 |
| #S#09677 | 80 | 50 | 5 |
| #S#09678 | 80 | 50 | 15 |
| #S#05472 | 80 | 50 | 20 |
| #S#09679 | 80 | 50 | 30 |
| #S#09680 | 80 | 60 | 30 |
| #S#09681 | 80 | 60 | 40 |
| #S#09682 | 80 | 60 | 50 |
| #S#09683 | 80 | 80 | 30 |
| #S#09684 | 80 | 80 | 50 |
| #S#09685 | 120 | 20 | 15 |
| #S#09686 | 120 | 30 | 5 |
| #S#09687 | 120 | 30 | 10 |

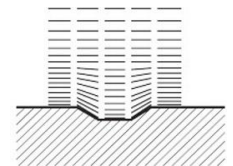
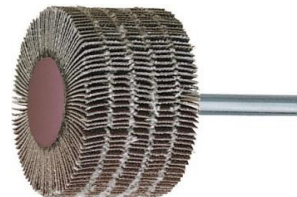
| Article No. | Grit | Head Ø (mm) | Head Length (mm) |
|-------------|------|-------------|------------------|
| #S#09688 | 120 | 40 | 15 |
| #S#09689 | 120 | 40 | 20 |
| #S#09690 | 120 | 50 | 5 |
| #S#09691 | 120 | 50 | 15 |
| #S#09692 | 120 | 50 | 20 |
| #S#09693 | 120 | 50 | 30 |
| #S#09694 | 120 | 60 | 30 |
| #S#09695 | 120 | 60 | 40 |
| #S#09696 | 120 | 60 | 50 |
| #S#09697 | 120 | 80 | 30 |
| #S#09698 | 120 | 80 | 50 |
| #S#09699 | 150 | 20 | 15 |
| #S#09700 | 150 | 30 | 5 |
| #S#09701 | 150 | 30 | 10 |
| #S#09702 | 150 | 40 | 15 |
| #S#09703 | 150 | 40 | 20 |
| #S#09704 | 150 | 50 | 5 |
| #S#09705 | 150 | 50 | 15 |
| #S#09706 | 150 | 50 | 20 |
| #S#09707 | 150 | 50 | 30 |
| #S#09708 | 150 | 60 | 30 |
| #S#09709 | 150 | 60 | 40 |
| #S#09710 | 150 | 80 | 50 |
| #S#09711 | 240 | 20 | 15 |
| #S#09712 | 240 | 30 | 5 |
| #S#09713 | 240 | 30 | 10 |
| #S#09714 | 240 | 40 | 15 |
| #S#09715 | 240 | 40 | 20 |
| #S#09716 | 240 | 50 | 15 |
| #S#09717 | 240 | 50 | 20 |
| #S#09718 | 240 | 50 | 30 |
| #S#09719 | 240 | 60 | 30 |
| #S#09720 | 240 | 60 | 40 |
| #S#09721 | 240 | 80 | 50 |
| #S#09722 | 320 | 30 | 5 |
| #S#09723 | 320 | 30 | 10 |
| #S#09724 | 320 | 40 | 15 |
| #S#09725 | 320 | 50 | 15 |
| #S#09726 | 320 | 50 | 30 |
| #S#09727 | 320 | 60 | 30 |
| #S#09728 | 320 | 80 | 50 |

HOLEX Flap Wheel Brush

Description:
Flap strips bonded on to the shank of the tool.
Flap wheel with multiple slits in each strip. Shank ø 6 mm.

Application:
Primarily for finish grinding and polishing tasks on larger radii in tool and mould making, for vessel and machine fabrication. The abrasive strips adapt to the contours of the component.
Highly recommended for sanding contoured surfaces.

Aluminium Oxide Shank Ø 6mm



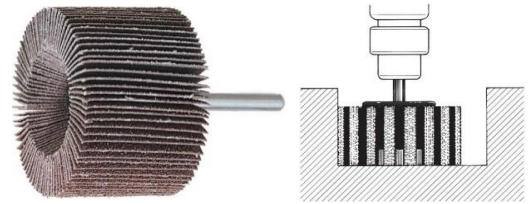
| Article No. | Grit | Head Ø (mm) | Head Length (mm) |
|-------------|------|-------------|------------------|
| #S#09729 | 120 | 40 | 20 |
| #S#09730 | 120 | 50 | 30 |
| #S#09731 | 240 | 40 | 20 |
| #S#09732 | 240 | 50 | 30 |

HOLEX Cupped Flap Wheel

Description:
Flap strips bonded on to the shank of the tool.
Cup shaped strip arrangement around the shank of the tool, with recessed core.

Application:
Primarily for finish grinding and polishing tasks on larger radii in tool and mould making, for vessel and machine fabrication. The abrasive strips adapt to the contours of the component.
Particularly suitable for peripheral and internal face sanding.

Aluminium Oxide Shank Ø 6mm



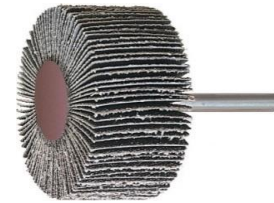
| Article No. | Grit | Head Ø (mm) | Head Length (mm) |
|-------------|------|-------------|------------------|
| #S#09733 | 60 | 60 | 40 |
| #S#09734 | 80 | 60 | 40 |
| #S#09735 | 150 | 60 | 40 |

HOLEX Flap Wheel

Description:
Flap strips bonded on to the shank of the tool.
Abrasive strips covered with silicon carbide grit (SiC).

Application:
Primarily for finish grinding and polishing tasks on larger radii in tool and mould making, for vessel and machine fabrication. The abrasive strips adapt to the contours of the component.

Silicon Carbide Shank Ø 6mm



| Article No. | Grit | Head Ø (mm) | Head Length (mm) |
|-------------|------|-------------|------------------|
| #S#09736 | 60 | 30 | 10 |
| #S#09737 | 60 | 60 | 30 |
| #S#09738 | 80 | 30 | 10 |
| #S#09739 | 80 | 60 | 30 |

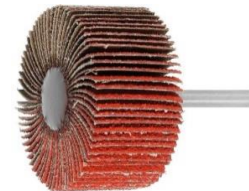
| Article No. | Grit | Head Ø (mm) | Head Length (mm) |
|-------------|------|-------------|------------------|
| #S#09740 | 120 | 30 | 10 |
| #S#09741 | 120 | 60 | 30 |
| #S#09742 | 150 | 60 | 30 |

Garant Flap Wheel

Description:
Flap strips bonded on to the shank of the tool.
Abrasive strips covered with ceramic grit (CER).

Application:
Primarily for finish grinding and polishing tasks on larger radii in tool and mould making, for vessel and machine fabrication. The abrasive strips adapt to the contours of the component.

Ceramic Shank Ø 6mm



| Article No. | Grit | Head Ø (mm) | Head Length (mm) |
|-------------|------|-------------|------------------|
| #S#09761 | 60 | 30 | 10 |
| #S#09762 | 60 | 40 | 15 |
| #S#09763 | 60 | 50 | 20 |
| #S#09764 | 60 | 60 | 30 |
| #S#04735 | 80 | 20 | 20 |
| #S#04736 | 80 | 30 | 10 |
| #S#04737 | 80 | 40 | 15 |

| Article No. | Grit | Head Ø (mm) | Head Length (mm) |
|-------------|------|-------------|------------------|
| #S#04738 | 80 | 50 | 20 |
| #S#04739 | 80 | 60 | 30 |
| #S#09765 | 120 | 20 | 20 |
| #S#09766 | 120 | 30 | 10 |
| #S#09767 | 120 | 40 | 15 |
| #S#09768 | 120 | 50 | 20 |
| #S#09769 | 120 | 60 | 30 |

HOLEX Fleece Flap Wheel

Description:
Flap strips bonded on to the shank of the tool. Fleece is combined with abrasive cloth to increase the abrasive effect of the fleece.

Application:
For removal of dirt and oxide layers on metals as well as for matt finishing of Cr-Ni, other stainless steels, and also non-ferrous metals.

Shank Ø 6mm



| Article No. | Grit | Head Ø (mm) | Length (mm) |
|-------------|---------|-------------|-------------|
| #S#09770 | 80-100 | 40 | 20 |
| #S#09771 | 80-100 | 50 | 20 |
| #S#09772 | 80-100 | 60 | 30 |
| #S#09773 | 80-100 | 60 | 50 |
| #S#09774 | 80-100 | 80 | 50 |
| #S#09775 | 150-180 | 40 | 20 |
| #S#09776 | 150-180 | 50 | 20 |
| #S#09777 | 150-180 | 60 | 30 |

| Article No. | Grit | Head Ø (mm) | Length (mm) |
|-------------|---------|-------------|-------------|
| #S#09778 | 150-180 | 60 | 50 |
| #S#09779 | 150-180 | 80 | 50 |
| #S#09780 | 240-280 | 40 | 20 |
| #S#09781 | 240-280 | 50 | 20 |
| #S#09782 | 240-280 | 60 | 30 |
| #S#09783 | 240-280 | 60 | 50 |
| #S#09784 | 240-280 | 80 | 50 |

HOLEX Fleece Flap Wheel

Description:
Flap strips of fleece around the shank of the tool.
Fleece impregnated with Aluminium Oxide (A). Creates a consistent matt finish.

Application:
For removal of dirt and oxide layers on metals as well as for matt finishing of Cr-Ni, other stainless steels, and also non-ferrous metals.

Aluminium Oxide Shank Ø 6mm



| Article No. | Grit | Head Ø (mm) | Length (mm) |
|-------------|------|-------------|-------------|
| #S#01242 | 100 | 30 | 20 |
| #S#09785 | 100 | 40 | 20 |
| #S#09786 | 100 | 50 | 20 |
| #S#09787 | 100 | 60 | 30 |
| #S#09788 | 100 | 60 | 50 |
| #S#09789 | 100 | 80 | 50 |
| #S#01243 | 180 | 30 | 20 |
| #S#01244 | 180 | 40 | 20 |
| #S#01245 | 180 | 50 | 20 |

| Article No. | Grit | Head Ø (mm) | Length (mm) |
|-------------|------|-------------|-------------|
| #S#01246 | 180 | 60 | 30 |
| #S#01247 | 180 | 60 | 50 |
| #S#01248 | 180 | 80 | 50 |
| #S#01249 | 280 | 30 | 20 |
| #S#09790 | 280 | 40 | 20 |
| #S#09791 | 280 | 50 | 20 |
| #S#09792 | 280 | 60 | 30 |
| #S#09793 | 280 | 60 | 50 |
| #S#09794 | 280 | 80 | 50 |

HOLEX Fleece Flap Wheel, Sinusoidal

Description:
Sinusoidal abrasive fleece without cut edges.

Application:
For matting and polishing without abrupt changes in texture.

Aluminium Oxide Shank Ø 6mm



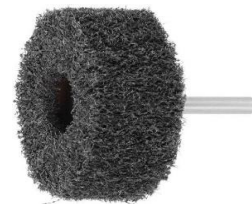
| Article No. | Grit | Head Ø (mm) | Head Length (mm) |
|-------------|------|-------------|------------------|
| #S#09795 | 100 | 80 | 50 |
| #S#09796 | 100 | 100 | 50 |
| #S#09797 | 180 | 80 | 50 |
| #S#09798 | 180 | 100 | 50 |
| #S#09799 | 280 | 80 | 50 |
| #S#09800 | 280 | 100 | 50 |

HOLEX Fleece Flap Wheel

Description:
Flap strips of fleece around the shank of the tool.
The sharp-edged silicon carbide grit (SiC) provides aggressive grinding characteristics and a slightly lustrous finish.

Application:
For removal of dirt and oxide layers on metals as well as for matt finishing of Cr-Ni, other stainless steels, and also non-ferrous metals.

Silicon Carbide Shank Ø 6mm



| Article No. | Grit | Head Ø (mm) | Length (mm) |
|-------------|------|-------------|-------------|
| #S#09802 | 100 | 40 | 20 |
| #S#09803 | 100 | 60 | 30 |
| #S#09804 | 100 | 80 | 50 |
| #S#09805 | 180 | 40 | 20 |
| #S#09806 | 180 | 60 | 30 |

| Article No. | Grit | Head Ø (mm) | Length (mm) |
|-------------|------|-------------|-------------|
| #S#09807 | 180 | 80 | 50 |
| #S#09808 | 280 | 40 | 20 |
| #S#09809 | 280 | 60 | 30 |
| #S#09810 | 280 | 80 | 50 |

HOLEX Compact Deburring Wheel

Description:
Fleece compact discs create a reproducible finish, since fresh grinding grit is continually being exposed. No change in the workpiece geometry, no grinding groove formation, long working life.

Application:
On bench grinders or portable grinders with mandrel.
Deburring disc made of wound fibre fleece. For cleaning off larger burrs on pressed parts, for rounding hollows and edges without creating secondary burrs.

Silicon Carbide



| Article No. | Grit | Hardness | Bore Hole Ø | ODØ x Width |
|-------------|------|------------|-------------|-------------|
| #S#09878 | Fine | Extra Hard | 32mm | 152x25mm |
| #S#09879 | Fine | Extra Hard | 32MM | 175x25mm |



Polishing Disc

Description:

Highly resilient polyurethane discs incorporating SiC grit.

Application:

For improving the surface quality, creating effects and light deburring work. The soft resilient PU bonding permits adaptability to the workpiece.

Silicon Carbide



| Article No. | Grit | Bore Hole Ø | ODØ x Width |
|-------------|------|-------------|-------------|
| #S#09881 | 80 | 25mm | 100x20mm |
| #S#09884 | 150 | 25mm | 100x20mm |
| #S#09886 | 400 | 25mm | 100x20mm |



Abrasive Strip Wheel

Description:

Abrasive strip wheels with Aluminium Oxide (A). Bore ø 54 mm.

Application:

Removing and cleaning up weld seams, grinding large areas, and workpieces that have an irregular profile.

Aluminium Oxide



| Article No. | Grit | Bore Hole Ø | ODØ x Width |
|-------------|------|-------------|-------------|
| #S#09888 | 40 | 54mm | 165x30mm |
| #S#09889 | 60 | 54mm | 165x30mm |
| #S#09890 | 80 | 54mm | 165x30mm |
| #S#09891 | 120 | 54mm | 165x30mm |
| #S#09892 | 180 | 54mm | 165x30mm |



Abrasive Fleece

Description:

The fleece rings can be clamped in any number and width. Suitable for all metals (stainless steel, steel, aluminium, brass), plastics, wood, and ceramics. Coarse and aggressive abrasive fleece (approx. 100 grit) for removal of rust film and superficial dirt. For roughening old paint, varnish, plastic, and rubber parts, for burnishing decorative metal surfaces (roughness Rt approx. 3.5 - 4 µm).



| Article No. | Grit | Bore Hole Ø | ODØ x Width | Reducing Ring Ø |
|-------------|------|-------------|-------------|-----------------|
| #S#01250 | 100 | 20mm | 100x25mm | 10mm |
| #S#01251 | 100 | 20mm | 150x25mm | 14mm |
| #S#01252 | 100 | 20mm | 200x25mm | 14mm |
| #S#09893 | 180 | 20mm | 100x25mm | 10mm |
| #S#09894 | 180 | 20mm | 150x25mm | 14mm |
| #S#09895 | 180 | 20mm | 200x25mm | 14mm |
| #S#09896 | 280 | 20mm | 100x25mm | 10mm |
| #S#09897 | 280 | 20mm | 150x25mm | 14mm |
| #S#09898 | 280 | 20mm | 200x25mm | 14mm |



Cleaning Disc

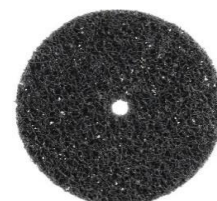
Description:

Coarse cleaning disc with synthetic nylon fleece evenly impregnated with abrasive grit on glass fibre pad. Open structure, will not clog. High material removal rate for general-purpose cleaning work.

Application:

For radial use on flexible shafts and straight die grinders. For rust removal, paint removal, dressing weld seams and removing surface dirt.

Silicon Carbide



| Article No. | Grit | Bore Hole Ø | ODØ x Width |
|-------------|----------|-------------|-------------|
| #S#09899 | E.Coarse | 13mm | 150x15mm |

HOLEX Mandrel

Description:
Mandrel (stainless steel).

Suitable for: #S#09899

Abrasive brushes with bore \varnothing 13 mm.



| Article No. | Shank \varnothing | Clamping Range |
|-------------|---------------------|----------------|
| #S#09900 | 6mm | 0-19mm |

HOLEX Abrasive Fleece Pad

Description:
Synthetic nylon fleece impregnated with abrasive grit in synthetic resin bonding.

Advantage:
Adapts to the component shape.
The open structure prevents clogging and reduces heat development.
Even and reproducible finish.
Can be used wet or dry.
Contains no materials that could cause corrosion.



| Article No. | Grit | Colour | Size LxW |
|-------------|------|--------|-----------|
| #S#01253 | 220 | Green | 152x229mm |
| #S#09902 | 280 | Red | 152x229mm |
| #S#09903 | 1000 | Grey | 152x229mm |

HOLEX Abrasive Fleece Roll

Description:
Synthetic nylon fleece impregnated with abrasive grit in synthetic resin bonding.

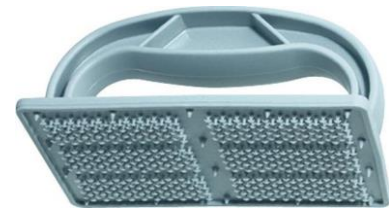
Advantage:
Adapts to the component shape.
The open structure prevents clogging and reduces heat development.
Even and reproducible finish.
Can be used wet or dry.
Contains no materials that could cause corrosion.



| Article No. | Grit | Colour | Size LxW |
|-------------|------|--------|-------------|
| #S#09904 | 220 | Green | 100mm x 10m |
| #S#09905 | 280 | Red | 100mm x 10m |
| #S#09906 | 1000 | Grey | 100mm x 10m |
| #S#09907 | 220 | Green | 115mm x 10m |
| #S#09908 | 280 | Red | 115mm x 10m |
| #S#09909 | 1000 | Grey | 115mm x 10m |

3M Hand Pad

Description:
Hand block to accept fleece hand pads and fleece rolled material.

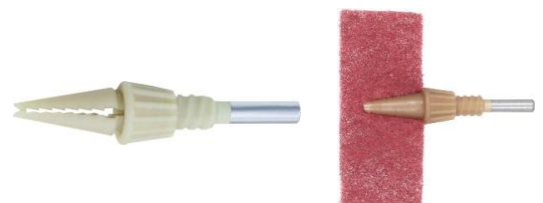


| Article No. |
|-------------|
| #S#09926 |

3M Mandrel

Description:
Mandrel for mounting pieces of fleece and abrasive paper. For cleaning pipes etc.

Shank \varnothing : 6.35mm



| Article No. |
|-------------|
| #S#09927 |



Abrasive Soft Pad, Roll

Description:

The soft and flexible Goldflex Soft has been developed for sanding profiled surfaces and irregular, difficult-to-reach details by hand. Goldflex Soft is especially useful within the automotive industry and the car repair branch. The foam base is grip friendly and applies pressure evenly, which reduces the risk of sanding through the surface. The special stearate coating prevents clogging. Suitable for both dry and wet sanding.

Perforated pads: 115x125x5mm, 200pcs/roll.

Aluminium Oxide



| Article No. | Grit | Article No. | Grit | Article No. | Grit |
|-------------|------|-------------|------|-------------|------|
| #S#10340 | 150 | #S#10344 | 280 | #S#10348 | 600 |
| #S#10341 | 180 | #S#10345 | 320 | #S#10349 | 800 |
| #S#10342 | 220 | #S#10346 | 400 | #S#10350 | 1000 |
| #S#10343 | 240 | #S#10347 | 500 | | |



Abrasive Soft Pad, Roll 100mm x 24m

Description:

Soft-Pad roll coated on one side with standard aluminium oxide (A). Ceramic coating for a longer working life. Stored in a handy dispenser box, with visibility slot for quick assessment of the fill level.

Advantage:

Pure foam backing material. This achieves the greatest flexibility and resistance to grit break-away. Reduced alien material penetration into the workpiece surface by a bonding structure free of solvents. Perforated pads 100x120x3 mm (200pcs).

Application:

Finish grinding of contours, edges, and at inaccessible places, e.g. cleaning and preparation for painting. For wet and dry grinding.

Aluminium Oxide



| Article No. | Grit |
|-------------|------|
| #S#13563 | 60 |
| #S#13564 | 100 |
| #S#13565 | 180 |
| #S#13566 | 1000 |
| #S#13567 | 1500 |



Abrasive Sponge

Description:

Grinding sponge with extra soft intermediate layer. An outstanding fit to all profiles. Coated on 2 sides. Aluminium oxide (A) with a ceramic coating for a longer working life. Reduced alien material penetration into the workpiece surface by a bonding structure free of solvents.

Application:

For finish smoothing of irregularities and profiled surfaces without changing the geometry. Grinding metal, wood and plastics before painting, or between coats of paint, to provide a key.

Aluminium Oxide



| Article No. | Grit | Size |
|-------------|------|-------------|
| #S#09928 | 60 | 100x68x26mm |
| #S#09929 | 100 | 100x68x26mm |
| #S#09930 | 180 | 100x68x26mm |



Soft Pad

Description:

Soft pad with foam structure for pressure distribution. Coated with aluminium oxide grit (A). Coated on 2 sides. Reduced alien material penetration into the workpiece surface by a bonding structure free of solvents.

Application:

Finish grinding of contours, edges, and at inaccessible places, e.g. cleaning and preparation for painting. For wet and dry grinding.

Aluminium Oxide



| Article No. | Grit | Size |
|-------------|------|------------|
| #S#09931 | 60 | 120x98x5mm |
| #S#09932 | 100 | 120x98x5mm |
| #S#09933 | 220 | 120x98x5mm |
| #S#09934 | 1000 | 120x98x5mm |

HOLEX® Universal Abrasive Cleaner

Description:
Flexible hand abrasive block with flexibly bonded abrasive grit (long service life, fully usable). Open pore bonding ensures the abrasive body never clogs. Suitable for wet and dry use. Water and oil resistant. Economy version with corundum (A).

Application:
Multi-purpose for cleaning, polishing, smoothing, mat finishing and abrading all materials.

Note: Water, oil, compounds or similar agents increase the effectiveness.

Aluminium Oxide



| Article No. | Grit | Size |
|-------------|--------|------------|
| #S#00700 | Coarse | 80x50x20mm |
| #S#00701 | Medium | 80x50x20mm |
| #S#00702 | Fine | 80x50x20mm |

HOLEX® Universal Abrasive Cleaner

Description:
Flexible hand abrasive block with flexibly bonded abrasive grit (long service life, fully usable). Open pore bonding ensures the abrasive body never clogs. Suitable for wet and dry use. Water and oil resistant. High quality version with pure silicon carbide (SiC) abrasive grit and special elastic composite material.

Application:
Multi-purpose for cleaning, polishing, smoothing, mat finishing and abrading all materials.

Note: Water, oil, compounds or similar agents increase the effectiveness.

Silicon Carbide



| Article No. | Grit | Size |
|-------------|--------|-------------|
| #S#09935 | Fine | 80x65x20mm |
| #S#09936 | Fine | 120x65x30mm |
| #S#09937 | Coarse | 115x60x30mm |

Garant® Abrasive Cloth

Description:
Densely woven, robust and highly flexible cotton fabric (resistant to oil and petroleum) evenly spread with synthetic resin bonded standard aluminium oxide (A). Moulds ideally to the workpiece geometry. No fraying, very high performance and long working life. Sheet size 230x280 mm. Very sturdy and highly flexible abrasive cloth (resistant to oil and petroleum). Moulds itself ideally to the workpiece geometry. Can be torn in longitudinal direction to yield clean edges along the weave without fraying.

Application:
Universally applicable, primarily for rubbing down by hand or rubber sanding block.

Aluminium Oxide



| Article No. | #S#09938 | #S#09939 | #S#09940 | #S#09941 | #S#09942 | #S#09943 | #S#09944 | #S#09945 |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Grit | 40 | 60 | 80 | 100 | 120 | 150 | 180 | 240 |

| Article No. | #S#09946 | #S#09947 | #S#09948 |
|-------------|----------|----------|----------|
| Grit | 320 | 400 | 600 |

Garant® Abrasive Cloth, Set

Description:
Densely woven, robust and highly flexible cotton fabric (resistant to oil and petroleum) evenly spread with synthetic resin bonded standard aluminium oxide (A). Moulds ideally to the workpiece geometry. No fraying, very high performance and long working life. Sheet size 230x280 mm. Very sturdy and highly flexible abrasive cloth (resistant to oil and petroleum). Moulds itself ideally to the workpiece geometry. Can be torn in longitudinal direction to yield clean edges along the weave without fraying.

Application:
Universally applicable, primarily for rubbing down by hand or rubber sanding block.

Supplied with:
10 sheets each in 60, 80, 120, 180, 320 grit.

Aluminium Oxide



| Article No. |
|-------------|
| #S#13577 |



Abrasive Cloth, Roll

Description:

Densely woven, robust and highly flexible cotton fabric (resistant to oil and petroleum) evenly spread with synthetic resin bonded standard aluminium oxide (A). Moulds ideally to the workpiece geometry. High abrasive performance and long tool life. Economy roll in a handy dispenser box with viewing slot for quick monitoring of the remaining cloth. With high-quality cut-off blade.

Application:

Ideal for metal. Suitable also for wood and for abrading paint.

Aluminium Oxide



Article No.

| 25mm x 50m | 40mm x 50m | 50mm x 50m | 115mm x 50m | Grit |
|------------|------------|------------|-------------|------|
| #S#09949 | #S#09958 | #S#09969 | #S#09980 | 40 |
| #S#09950 | #S#09959 | #S#09970 | #S#09981 | 60 |
| #S#09951 | #S#09960 | #S#09971 | #S#09982 | 80 |
| #S#04164 | #S#09961 | #S#09972 | #S#09983 | 100 |
| #S#09952 | #S#09962 | #S#09973 | #S#09984 | 120 |
| #S#09953 | #S#09963 | #S#09974 | #S#09985 | 150 |
| #S#05521 | #S#09964 | #S#09975 | #S#09986 | 180 |
| #S#09954 | #S#09965 | #S#09976 | #S#09987 | 240 |
| #S#09955 | #S#09966 | #S#09977 | #S#09988 | 320 |
| #S#09956 | #S#09967 | #S#09978 | #S#09989 | 400 |
| #S#09957 | #S#09968 | #S#09979 | #S#09990 | 600 |



Abrasive Paper, Waterproof

Description:

Very strong and flexible latex paper evenly spread with Silicon Carbide (SiC). Good grit bonding, high abrasion force and long service life. Sheet size 230x280 mm.

Application:

Primarily for rubbing down by hand in bodywork building, repair workshops, and paint shops, for fine rubbing down of varnished or filled areas.

Silicon Carbide



| Article No. | Grit | Article No. | Grit |
|-------------|------|-------------|------|
| #S#09991 | 150 | #S#09998 | 800 |
| #S#09992 | 180 | #S#01254 | 1000 |
| #S#07495 | 220 | #S#09999 | 1200 |
| #S#09993 | 240 | #S#10000 | 1500 |
| #S#09994 | 320 | #S#10001 | 2000 |
| #S#09995 | 360 | #S#10002 | 2500 |
| #S#09996 | 400 | #S#10003 | 3000 |
| #S#01255 | 500 | #S#10004 | 5000 |
| #S#09997 | 600 | #S#10005 | 7000 |



Flexible Abrasive Belt Holder

Description:

Made of flexible plastic material with wedge-shaped abrasive belt support. Quick, safe tensioning of the abrasive belt by retaining clamps with clamping screw. Overall length 280 mm, abrasive surface length 120 mm.

Application:

Uses abrasive cloth strips of length 280 mm (by the sheet or economy rolls). Particularly useful where access is difficult. Many applications, ideal supplement to files also in difficult applications.



| Article No. | Width |
|-------------|-------|
| #S#10006 | 13mm |
| #S#10007 | 25mm |



Steel Backing Plate

Description:

Very stable heavy steel backing plate with 4 non-slip rubber feet for abrasive paper 230x280 mm. 3 mm adjustment range for non crease holding.

Weight : 8kg



| Article No. |
|-------------|
| #S#10008 |

HOLEX® Rubber Sanding Block

Description:
2-piece, black rubber block in handy shape. Rapid insertion and clamping of abrasive cloth by captive metal pins.

Application:
For rubbing down and polishing by hand. Resilient, keeps its shape even when used wet.



Article No.
#S#10009

3M Linishing Belt

Description:
Cubitron™ II linishing belt 947A with precisely formed ceramic grit and aluminium oxide on a lightweight X fabric backing fabric. Flexible linishing belt for demanding abrasive work on hand-held machines and long-belt machines. Cool cutting thanks to grinding aids.
X-fabric (flexible) for hand-held machines and long-belt machines.

Application:
For grinding all steels, particularly well suited to difficult to machine materials such as stainless steel, nickel alloys, chromium, titanium, aluminium.

Ceramic



| Article No. | | | |
|--------------|--------------|--------------|------|
| 10mm x 330mm | 20mm x 520mm | 30mm x 533mm | Grit |
| #S#10010 | #S#10014 | #S#10018 | 40 |
| #S#10011 | #S#10015 | #S#10019 | 60 |
| #S#10012 | #S#10016 | #S#10020 | 80 |
| #S#10013 | #S#10017 | #S#10021 | 120 |

HOLEX® Fleece Linishing Belt

Description:
Synthetic nylon non-woven fabric with synthetic resin bonded abrasive grit, long service life, consistent surface finish, low heat generation.

Application:
For rubbing down rough ground or brushed surfaces, for consistent and reproducible results. Also suitable for removing rust film, light soiling, and discolouration.

Aluminium Oxide



| Article No. | | |
|--------------|--------------|------|
| 20mm x 520mm | 30mm x 533mm | Grit |
| #S#10022 | #S#10025 | 100 |
| #S#10023 | #S#10026 | 180 |
| #S#10024 | #S#10027 | 280 |

HOLEX® Grinding Disc

Description:
Grit, bonding, abrasive additives as well as reinforcement of the rough grinding discs are optimised for maximum metal removal rate and working life in their respective applications.

Shapes: Rough grinding discs, depressed centres (shapes 27, 28, 29) Grinding angle 20° to 30°

Application: On electric and pneumatic angle grinders with maximum 80 m/s circumferential speed for grinding welds, surfaces, and edges.

Rough grinding disc for steel and stainless steel with long working life and high metal removal rate.

Aluminium Oxide



| Article No. | Size (ØxWidth) | Bore Ø |
|-------------|----------------|---------|
| #S#00200 | 100x6mm | 16mm |
| #S#04199 | 115x6mm | 22.23mm |
| #S#04200 | 125x6mm | 22.23mm |
| #S#10028 | 150x6mm | 22.23mm |
| #S#04413 | 178x8mm | 22.23mm |
| #S#10029 | 230x8mm | 22.23mm |



Grinding Disc

Description:

Self-sharpening ceramic grit (CER) and the specially matched high-performance binding system permit grinding performance that is several times better, with extremely cool grinding compared to conventional roughing discs (A).

Very high productivity due to very fast removal of material.

Optimum balance between extremely soft metal removal behaviour with very low application force and very long service life.

Grit, bonding, abrasive additives as well as reinforcement of the rough grinding discs are optimised for maximum metal removal rate and working life in their respective applications.

Shapes: Rough grinding discs, depressed centres (shapes 27, 28, 29)

Grinding angle 20° to 30°

Application: On electric and pneumatic angle grinders with maximum 80 m/s circumferential speed for grinding welds, surfaces, and edges.

Ceramic Bore Ø 22.23mm



| Article No. | Size (ØxWidth) |
|-------------|----------------|
| #S#10030 | 115x7mm |
| #S#10031 | 125x7mm |
| #S#10032 | 178x7mm |
| #S#10033 | 230x7mm |



Grinding Disc

Description:

Grit, bonding, abrasive additives as well as reinforcement of the rough grinding discs are optimised for maximum metal removal rate and working life in their respective applications.

Shapes: Rough grinding discs, depressed centres (shapes 27, 28, 29)

Grinding angle 20° to 30°

Application: On electric and pneumatic angle grinders with maximum 80 m/s circumferential speed for grinding welds, surfaces, and edges.

Ceramic Bore Ø 22.23mm



Rough grinding disc with Cubitron™II precision-shaped ceramic grit for stainless steel and steel. Very high metal removal rate and long service life. Low contact pressure for non-tiring working.

| Article No. | Size (ØxWidth) |
|-------------|----------------|
| #S#10034 | 115x7mm |
| #S#10035 | 125x7mm |
| #S#10036 | 150x7mm |
| #S#10037 | 178x7mm |
| #S#10038 | 230x7mm |



Cutting Disc

Description:

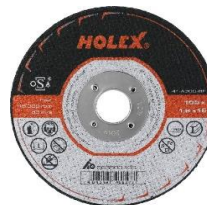
Universal cutting disc for steel and stainless steel, easy-cutting and stable. The thin cutting disc for quick cuts without heavy force

Application:

For freehand cutting using electric and pneumatic angle grinders with maximum 80 m/s peripheral cutting speed vc.

Note: The disc thickness should be at least 20% of the material thickness to be cut.

Aluminium Oxide



| Article No. | Size (ØxWidth) | Bore Ø |
|-------------|----------------|---------|
| #S#04097 | 100x1.6mm | 16mm |
| #S#04201 | 115x1.0mm | 22.23mm |
| #S#10046 | 115x1.6mm | 22.23mm |
| #S#04202 | 125x1.0mm | 22.23mm |
| #S#10047 | 125x1.6mm | 22.23mm |
| #S#10044 | 178x1.6mm | 22.23mm |
| #S#10041 | 178x2.5mm | 22.23mm |
| #S#10045 | 230x1.9mm | 22.23mm |
| #S#10042 | 230x2.5mm | 22.23mm |



Cutting Disc

Description:

Grit, bonding, abrasive additives as well as reinforcement of the cut-off discs are optimised for maximum cutting performance and working life in their respective applications. Thin cutting discs (0.8 mm / 1.0 mm / 1.6 mm) specially suited for quick burr-free cutting with low thermal stress. On older angle grinders please ensure discs are precisely centred! Cutting discs from 2.0 mm disc thickness exhibit increased lateral stability, stiffness and service life. Shapes: Cutting discs flat (shape 41) or with depressed centre (shape 42).

Small cutting disc specially for confined spaces. For use on pneumatic or electric straight grinders. For use with mandrel No.

Aluminium Oxide



| Article No. | Size (ØxWidth) | Bore Ø |
|-------------|----------------|--------|
| #S#10048 | 30x1.0mm | 6mm |
| #S#10049 | 50x1.1mm | 6mm |
| #S#10050 | 65x1.1mm | 6mm |
| #S#02615 | 75x1.1mm | 6mm |



Clamping Mandrel For Small Cutting Disc

Description:

Suitable for Small cutting disc with 6mm bore hole.

Shank Ø 6mm



| Article No. |
|-------------|
| #S#13605 |



Cutting Disc

Description:

Self-sharpening ceramic grit (CER) and the specially matched high-performance binding system enable performance that is many times better, with extremely cool grinding compared to conventional cutting discs (A). Very high productivity thanks to very quick separating cuts. Optimum balance between extremely soft cutting behaviour with very low application force and very long working life.

Note: The disc thickness should be at least 20% of the material thickness to be cut.

Ceramic Bore Ø 22.23mm



| Article No. | Size (ØxWidth) |
|-------------|----------------|
| #S#10055 | 115x1.0mm |
| #S#10056 | 125x1.0mm |
| #S#10057 | 178x1.6mm |
| #S#10058 | 230x2.0mm |



Cutting Disc

Description:

Extremely high cutting performance and long service life thanks to Cubitron™ II precision ceramic grit. Very high practicality due to very soft, cutting action requiring only low force.

Application:

For very quick low-burr cutting with low thermal stress and easy ergonomic cut guidance. For freehand cutting using electric and pneumatic angle grinders with maximum 80 m/s peripheral cutting speed vc.

Ceramic Bore Ø 22.23mm



| Article No. | Size (ØxWidth) |
|-------------|----------------|
| #S#10059 | 115x1.0mm |
| #S#10061 | 115x1.6mm |
| #S#10060 | 125x1.0mm |
| #S#10062 | 125x1.6mm |
| #S#10063 | 178x1.6mm |
| #S#07413 | 230x2.0mm |



Flap Disc

Description:

High-quality zirconium aluminium oxide (ZA) for high abrasive performance.
Glass fibre pad for optimum contact pressure. Suitable for both steel and stainless steel.
Best results on angle grinders of all power classes.
long life - very closely spaced flap strips, for maximum tool life.

Application: General purpose abrasive disc operations, surface abrasion, material removal and edge smoothing.

Ø100 bore hole = 16mm

| | | |
|---------------------------|-------------|----------------|
| Zirconium Aluminium Oxide | Bore Ø 16mm | Bore Ø 22.23mm |
|---------------------------|-------------|----------------|



| | | Article No. | | | |
|----------|----------|-------------|----------|----------|------|
| Ø100mm | Ø115mm | Ø125mm | Ø150mm | Ø178mm | Grit |
| #S#10064 | #S#10067 | #S#10071 | #S#10075 | #S#10078 | 40 |
| #S#10065 | #S#10068 | #S#10072 | #S#10076 | #S#10079 | 60 |
| #S#10066 | #S#10069 | #S#10073 | #S#10077 | #S#10080 | 80 |
| - | #S#10070 | #S#10074 | - | #S#10081 | 120 |



Flap Disc

Description:

Particularly coarse Silicon Carbide grit, does not clog. Sturdy glass fibre pad for optimum contact pressure.

Application: Edge and surface grinding of aluminium and fibre-reinforced materials.

| | |
|-----------------|----------------|
| Silicon Carbide | Bore Ø 22.23mm |
|-----------------|----------------|



| | | Article No. | |
|----------|----------|-------------|------|
| Ø115mm | Ø125mm | | Grit |
| #S#10082 | #S#10084 | | 40 |
| #S#10083 | #S#10085 | | 60 |



Flap Disc

Description:

High-quality self-sharpening ceramic grit (CER) for maximum abrasive power and low contact pressure.
Active coating for cool cutting.
Sturdy poly-cotton mixed fabric for ideal wear characteristics and stability, even when used on edges.
Ergonomic and vibration-damping polyester plastic backing pad (can be reset).
Best results on high-power angle grinders.

long life - very closely spaced flap strips, for maximum tool life.

Application: General purpose abrasive disc operations, surface abrasion, material removal and edge smoothing.

| | |
|---------|----------------|
| Ceramic | Bore Ø 22.23mm |
|---------|----------------|



| | | Article No. | | |
|----------|----------|-------------|--|------|
| Ø115mm | Ø125mm | Ø178mm | | Grit |
| #S#10086 | #S#10090 | #S#10094 | | 40 |
| #S#10087 | #S#10091 | #S#10095 | | 60 |
| #S#10088 | #S#10092 | #S#10096 | | 80 |
| #S#10089 | #S#10093 | - | | 120 |



Flap Disc

Description:

Coated with precisely formed Cubitron™ II ceramic grit for maximum metal removal rate and working life. Ideal for surface grinding.

Application:

Ideal for quick and cool grinding of difficult-to-machine steels using high-powered angle grinders.

| | |
|---------|----------------|
| Ceramic | Bore Ø 22.23mm |
|---------|----------------|



| | | Article No. | | |
|----------|----------|-------------|--|------|
| Ø115mm | Ø125mm | | | Grit |
| #S#10097 | #S#04196 | | | 40 |
| #S#10098 | #S#04197 | | | 60 |
| #S#10099 | #S#04198 | | | 80 |

HOLEX® Cleaning Disc

Description:
Cleaning discs with synthetic nylon fleece evenly impregnated with abrasive grit on glass fibre pad. Very coarse non-woven abrasive mesh structure, will not clog even when used on soft thick coatings. Hard and aggressive fleece body for general-purpose use on large areas.

Application:
For rust removal, paint removal, dressing weld seams and removing surface dirt. With glass fibre backing pad for direct clamping on angle grinders.

| | |
|-----------------|----------------|
| Silicon Carbide | Bore Ø 22.23mm |
|-----------------|----------------|



| Article No. | Size (Ø) |
|-------------|----------|
| #S#10101 | 115mm |
| #S#10102 | 125mm |

Garant® Fleece Flap Disc

Description:
Fleece flap discs with flaps of abrasive fleece on a glass fibre pad.

Application:
For final finishing of surfaces.
For removal of colouration, cleaning, and minor tidying up of weld seams.
For fine grinding of large areas and for finishing.

Recommended speed 5000 – 5800 rpm.

| | |
|-----------------|----------------|
| Aluminium Oxide | Bore Ø 22.23mm |
|-----------------|----------------|



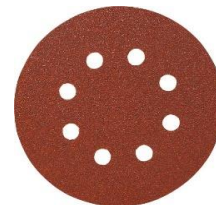
| Article No. | | | |
|-------------|----------|------|--------|
| Ø115mm | Ø125mm | Grit | Colour |
| #S#10103 | #S#10106 | 100 | Brown |
| #S#10104 | #S#10107 | 180 | Red |
| #S#10105 | #S#10108 | 280 | Blue |

STARCKE® Abrasive Disc

Description:
Abrasive paper thickness 540 FK (F-paper, 40 to 180 grit) or thickness 544 C3K (240 – 800 grit, stearate coated) with high strength and dense distribution. High material removal rates due to specially treated abrasive grit (A). The back of the disc is covered with velour loops which automatically cling on allowing quick disc change. With 8-hole perforations for Bosch PEX 125, AEG EXE 400, Metabo SXE 125 with dust extraction.

Application:
General purpose for grinding metal, non-ferrous metals, varnish, paint, wood, and plastic. On orbital sanders with hook and loop pads. Maximum circumferential speed 40 m/s.

| | | |
|-----------------|--------|---------------|
| Aluminium Oxide | Ø125mm | Velour Backed |
|-----------------|--------|---------------|



| Article No. | Grit | Article No. | Grit |
|-------------|------|-------------|------|
| #S#10109 | 40 | #S#10114 | 240 |
| #S#10110 | 60 | #S#10115 | 320 |
| #S#10111 | 80 | #S#10116 | 400 |
| #S#10112 | 120 | #S#10117 | 600 |
| #S#10113 | 180 | #S#10118 | 800 |

HOLEX® Abrasive Disc

Description:
Velour-backed abrasive disc with paper backing. Dust-repellent coating prevents premature clogging. The back is covered with velour loops. With 15 holes. Velour-backed abrasive disc with semi-open distribution, aluminium oxide (A).

Application:
On orbital sanders with hook and loop pads. Universal all-round product for coarse, intermediate and fine abrasion on all metal and plastic surfaces, paint systems and woods.

| | | |
|-----------------|--------|---------------|
| Aluminium Oxide | Ø150mm | Velour Backed |
|-----------------|--------|---------------|



| Article No. | Grit | Article No. | Grit |
|-------------|------|-------------|------|
| #S#10119 | 60 | #S#10126 | 240 |
| #S#10120 | 80 | #S#10127 | 320 |
| #S#10121 | 100 | #S#10128 | 400 |
| #S#10122 | 120 | #S#10129 | 500 |
| #S#10123 | 150 | #S#10130 | 600 |
| #S#10124 | 180 | #S#10131 | 800 |
| #S#10125 | 220 | #S#10132 | 1000 |



Abrasive Disc

Description:

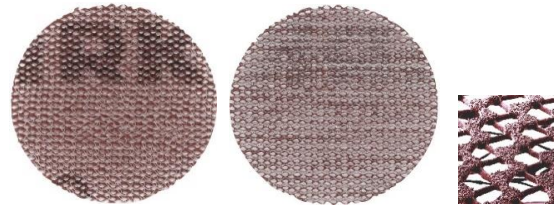
Velour-backed abrasive discs consisting of a mesh structure of polyamide fabric containing thousands of holes and coated with abrasive grit. Advantage:

- Dust-free grinding: very low workplace and environmental loading.
- No clogging of the grinding disc (surface defects and dust balls are avoided).
- Guaranteed improved surface finishes with less grinding media consumption.
- High effectiveness – the removal rate increases by several orders of magnitude depending on the surface.

Application:

Grinding of paints, fillers primers, (fibre-reinforced) plastics, non-ferrous metals and aluminium alloys, furniture components.

Aluminium Oxide Velour Backed



Article No.

| Ø34mm | Ø77mm | Ø125mm | Ø150mm | Grit |
|----------|----------|----------|----------|------|
| #S#10133 | #S#10139 | #S#10143 | #S#10149 | 80 |
| #S#10134 | #S#10140 | #S#10144 | #S#10150 | 120 |
| #S#10135 | #S#10141 | #S#10145 | #S#10151 | 180 |
| #S#10136 | #S#10142 | #S#10146 | #S#10152 | 240 |
| #S#10137 | - | #S#10147 | #S#10153 | 320 |
| #S#10138 | - | #S#10148 | #S#10154 | 400 |



Abrasive Disc

Description:

The ABRALON™ patented finishing system comprises a woven mesh with silicon carbide coating on a thin foam pad. The advantages are:

The grinding mesh enables water and air to circulate freely, the grinding dust is effectively removed.

High effectiveness – reduced working time and longer working life.

Application:

For manual and mechanised dry and wet grinding of contours, shapes, metals with high demands on the surface finish and for the preparation for polishing.

Silicon Carbide Velour Backed



Article No.

| Ø34mm | Ø77mm | Ø150mm | Grit |
|----------|----------|----------|------|
| - | - | #S#10168 | 180 |
| #S#10158 | - | #S#10169 | 360 |
| #S#10159 | #S#10163 | #S#00685 | 500 |
| #S#10160 | #S#10164 | #S#00686 | 1000 |
| #S#10161 | #S#10165 | #S#00687 | 2000 |
| - | #S#10166 | #S#02624 | 3000 |
| #S#10162 | #S#10167 | #S#10170 | 4000 |



Abrasive Disc

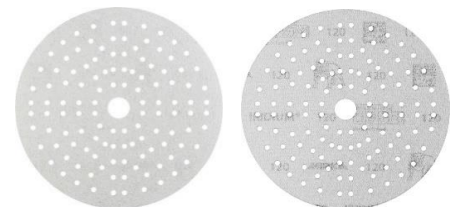
Description:

Velour-backed abrasive disc with paper backing. Dust-repellent coating prevents premature clogging. The back is covered with hooks and loops. Velour-backed abrasive disc MIRKA IRIDIUM® with a mixture of ceramic grit (CER) and aluminium oxide grit (A), dust-repellent coating, high material removal rate and long service life.

Application:

On orbital sanders with hook and loop pads. Universal all-round product for coarse, intermediate and fine abrasion on all metal and plastic surfaces, paint systems and woods. Ideal for soft and hard surfaces.

Ceramic Velour Backed Ø150mm



| Article No. | Grit |
|-------------|------|
| #S#10171 | 40 |
| #S#10172 | 60 |
| #S#10173 | 80 |
| #S#10174 | 120 |
| #S#10175 | 150 |
| #S#10176 | 180 |
| #S#10177 | 240 |
| #S#10178 | 320 |
| #S#10179 | 400 |
| #S#10180 | 500 |
| #S#10181 | 600 |

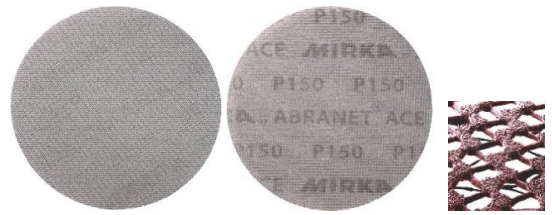
MIRKA Abrasive Disc

Description:
Velour-backed abrasive discs consisting of a mesh structure of polyamide fabric containing thousands of holes and coated with abrasive grit. ABRANET® ACE with optimised grinding mesh and ceramic grit (CER) offers outstanding abrasion performance and increased working life.

Advantage:
Dust-free grinding: very low impact on workplace and environment.
No clogging of the grinding wheel (surface defects and dust balls are avoided).
Guaranteed improved surface finishes with less grinding media consumption.
High effectiveness – the removal rate increases by several orders of magnitude depending on the surface.

Application:
Ideal for applications on very hard materials such as UV paints, primers, hardwoods, and well suited to use on steel materials.

| | | |
|---------|---------------|--------|
| Ceramic | Velour Backed | Ø150mm |
|---------|---------------|--------|



| Article No. | Grit | Article No. | Grit |
|-------------|------|-------------|------|
| #S#10182 | 80 | #S#10187 | 400 |
| #S#10183 | 120 | #S#10188 | 600 |
| #S#10184 | 180 | #S#10189 | 800 |
| #S#10185 | 240 | #S#10190 | 1000 |
| #S#10186 | 320 | | |

MIRKA Abrasive Disc

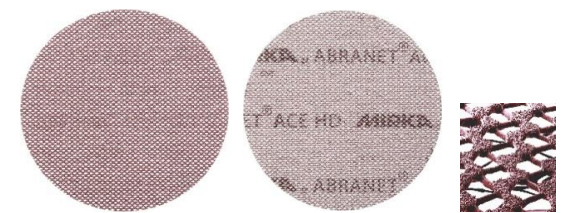
Description:
Velour-backed abrasive discs consisting of a mesh structure of polyamide fabric containing thousands of holes and coated with abrasive grit.

Advantage:
Dust-free grinding: very low impact on workplace and environment.
No clogging of the grinding wheel (surface defects and dust balls are avoided).
Guaranteed improved surface finishes with less grinding media consumption.
High effectiveness – the removal rate increases by several orders of magnitude depending on the surface.

ABRANET® ACE HD with reinforced extremely tear-resistant network structure (edge) and ceramic grit (CER). Extraordinarily high material removal rate.

Application:
For extremely high performance applications such as removal by abrasion of composite materials, aluminium, etc.

| | | |
|---------|---------------|--------|
| Ceramic | Velour Backed | Ø150mm |
|---------|---------------|--------|



| Article No. | Grit |
|-------------|------|
| #S#03639 | 40 |
| #S#03640 | 60 |
| #S#10191 | 80 |
| #S#10192 | 120 |

MIRKA Backing Pad, Set

Description:
Backing pad for abrasive discs Ø 32–34 mm.
Suitable for AROS_B.
Quick-change system external thread

Set = 5pcs

| Article No. | Size Ø |
|-------------|--------|
| #S#10196 | 32mm |

| |
|-----------------|
| External Thread |
|-----------------|

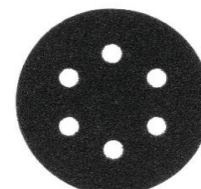


MIRKA Backing Pad

Description:
PU backing pads with 1/4 inch mounting and 6-hole perforation.
Suitable for table use:
Discs with holes: 6
External Ø77 mm
Thread : 1/4 inch

| Article No. | Size Ø |
|-------------|--------|
| #S#10197 | 77mm |

| |
|-----------------|
| Internal Thread |
|-----------------|





Backing Pad

Description:

Multi-hole backing pads with innovative extraction system (integral ducts) and flat design for use on orbital sanders. The combination of semi-flexible PU-foam and unbreakable fibre glass-reinforced backing pad ideally suited to medium to coarse sanding and sanding contoured surfaces. Multi-hole system for use on all velour-backed abrasive discs with standard hole pattern and ABRANET.

Application:

Innovative adapter system allows them to be fitted to all commercially available orbital sanding machines (Dynabrade, Ingersoll, CP, Festool, etc.).

Internal Thread



| Article No. | Size Ø | Mounting |
|-------------|--------|-----------|
| #S#10199 | 123mm | 5/16 & M8 |



Backing Pad

Description:

Multi-hole backing pad with glass-fibre backing pad and medium hard polyurethane foam. Very good extraction when used with all velour-backed abrasive discs with standard hole pattern and ABRANET. Mounting 5/16 inch or M8 incl. adaptor for Bosch, Makita and Festool.

Suitable for table use:

Discs with bore: 6; 6 + 1; 8; 8 + 1; 15; 21; ABRANET

Internal Thread



| Article No. | Size Ø | Mounting |
|-------------|--------|-----------|
| #S#07394 | 150mm | 5/16 & M8 |



Mini-Linishing Belt

Description:

Mini-belts ø 90x100 mm (289x100 mm).
Fleece mini-belt for blending in, matting and finishing.
With film backing, for light-duty use on all backing rollers.

Application:

For use on surface grinding and burnishing machines with backing rollers. Maximum speed 5000 rpm.



| Article No. | Grit |
|-------------|------|
| #S#10201 | 100 |
| #S#10202 | 180 |
| #S#10203 | 280 |



Backing Roller, 2 In 1

Description:

Mounting bore ø 19 mm with double keyway.
Resilient backing roller with multiple segments to allow linishing belts to be changed particularly easily.
Size 2IN1 replaces the versions hard and soft usually available in the market.



| Article No. | Size ØxL |
|-------------|----------|
| #S#10204 | 90x100mm |



Abrasive Flap Wheel

Description:

Flap strips of abrasive cloth around the shank of the flap brush. Standard size ø 100x100 mm or narrow version ø 100x50 mm for grinding smaller areas. Mounting bore ø 19 mm with multiple splines.

Application:

For removing rust, scale, burrs and for longitudinal strokes.

Aluminium Oxide



Without Slit

With Slit

| Article No. | | | |
|-------------|------------|-------------------|------|
| Ø100x50mm | Ø100x100mm | Ø100x100mm (Slit) | Grit |
| #S#10205 | #S#10208 | #S#10211 | 60 |
| #S#10206 | #S#10209 | #S#10212 | 80 |
| #S#10207 | #S#10210 | #S#10213 | 120 |

HOLEX Abrasive Flap Wheel Fleece

Description:
Standard size \varnothing 100x100 mm or narrow version \varnothing 100x50 mm for grinding smaller areas. Mounting bore \varnothing 19 mm with multiple splines.
Fleece impregnated with Aluminium Oxide (A).

Note:
For matching the width of narrow rollers \varnothing 100x50 mm use the spacer ring pack

Aluminium Oxide



Article No.

| \varnothing 100x50mm | \varnothing 100x100mm | Grit |
|------------------------|-------------------------|------|
| #S#10214 | #S#10217 | 60 |
| #S#10215 | #S#10218 | 80 |
| #S#10216 | #S#10219 | 120 |

HOLEX Abrasive Flap Wheel Fleece, Sinusoidal

Description:
Standard size \varnothing 100x100 mm or narrow version \varnothing 100x50 mm for grinding smaller areas. Mounting bore \varnothing 19 mm with multiple splines.
Sinusoidal abrasive fleece without cut edges.

Application:
For matting and polishing without abrupt changes in texture.

Note: For matching the width of narrow rollers \varnothing 100x50 mm use the spacer ring pack.



Article No.

| \varnothing 100x50mm | \varnothing 100x100mm | Grit |
|------------------------|-------------------------|------|
| #S#10222 | #S#10225 | 100 |
| #S#10223 | #S#10226 | 180 |
| #S#10224 | #S#10227 | 400 |

HOLEX Abrasive Flap Wheel Combined Fleece & Fabric

Description:
Standard size \varnothing 100x100 mm or narrow version \varnothing 100x50 mm for grinding smaller areas. Mounting bore \varnothing 19 mm with multiple splines. Combination of abrasive fabric and fleece.

Application:
Finish similar to 80 / 120 grit flap strips, can also be used for removing scratches or for applying a matt strip finish.

Note: For matching the width of narrow rollers \varnothing 100x50 mm use the spacer ring pack

Aluminium Oxide



Article No.

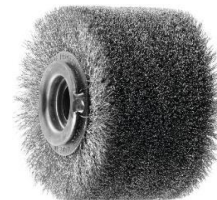
| \varnothing 100x50mm | \varnothing 100x100mm |
|------------------------|-------------------------|
| #S#10228 | #S#10229 |

LESSMANN THE GERMAN BRUSH COMPANY Burnishing Brush

Description:
Dimension \varnothing 100x70 mm, bore \varnothing 19 mm with double spline.
Waved stainless steel wire with high resistance to corrosion, acids, alkalis and high temperatures.
Ideal for burnishing stainless steel sheets.

Application:
On burnishing machines with spacer ring pack

Stainless Steel



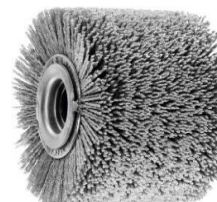
| Article No. | Wire \varnothing |
|-------------|--------------------|
| #S#02999 | 0.2mm |

LESSMANN THE GERMAN BRUSH COMPANY Burnishing Brush

Description:
Dimension \varnothing 100x70 mm, bore \varnothing 19 mm with double spline.
Nylon bristles incorporating 80 grit silicon carbide. Extremely flexible and versatile. Extremely flexible and versatile. Especially suitable for deburring, cleaning, and roughing profiled surfaces.

Application: On burnishing machines with spacer ring pack

Silicon Carbide



| Article No. | Grit | Wire \varnothing |
|-------------|------|--------------------|
| #S#10230 | 80 | 1.2mm |

Spacer Ring Set

Description:
Version:
Spacer ring set for mounting narrow burnishing rollers and brushes on burnishing machines.

Supplied with:
2 pcs. \varnothing 40 x 15 mm
4 pcs. \varnothing 40 x 5 mm



Article No.
#S#03060

LESSMANN® THE GERMAN BRUSH COMPANY Cup Brush

Description:
The high-tensile steel wire is coated with a thin layer of brass.
Waved wire firmly crimped into the steel body. For use on angle grinders and on stationary machines.

Application:
Very well suited for brushing surfaces, deburring, removing rust, polishing, removing paint, primer, varnish, scale etc.

| | | |
|-------|-----------------|-----|
| Steel | Internal Thread | M14 |
|-------|-----------------|-----|



| Article No. | Brush \varnothing | Wire \varnothing | Height |
|-------------|---------------------|--------------------|--------|
| #S#10231 | 60mm | 0.3mm | 20mm |
| #S#10232 | 100mm | 0.3mm | 30mm |

LESSMANN® THE GERMAN BRUSH COMPANY Cup Brush

Description:
Smooth steel wire, plaited and firmly crimped into the steel body. Very aggressive brushing effect with high wear resistance.

Application: Specially to accept angle grinders.

| | | |
|-------|-----------------|-----|
| Steel | Internal Thread | M14 |
|-------|-----------------|-----|



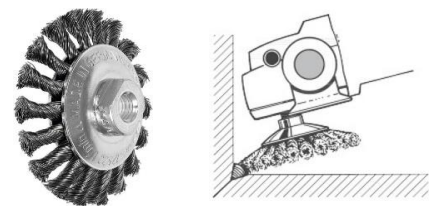
| Article No. | Brush \varnothing | Wire \varnothing | Height |
|-------------|---------------------|--------------------|-----------|
| #S#10233 | 65 | 0.5mm | 20mm |
| #S#10234 | 80 | 0.5mm | 25+15mm |
| #S#10235 | 90 | 0.5mm | 22mm |
| #S#10236 | 100 | 0.5mm | 23+12.5mm |
| #S#10237 | 125 | 0.5mm | 25+15mm |

LESSMANN® THE GERMAN BRUSH COMPANY Conical Brush

Description:
Cranked conical brush with smooth wire 0.50 mm, plaited and firmly crimped into the steel body. Very aggressive brushing effect with high wear resistance.

Application:
Left-hand plaited, reliably avoids premature unwinding.
Ideal for working where access is difficult and for heavy brush work, e.g. descaling, removing rust, removing paint, roughening, cleaning metal parts, also for cleaning formwork boards.

| | | |
|-------|-----------------|-----|
| Steel | Internal Thread | M14 |
|-------|-----------------|-----|



| Article No. | Brush \varnothing | Wire \varnothing | Height |
|-------------|---------------------|--------------------|--------|
| #S#10238 | 100mm | 0.5mm | 20mm |
| #S#10239 | 115mm | 0.5mm | 24mm |
| #S#10240 | 125mm | 0.5mm | 29mm |

LESSMANN® THE GERMAN BRUSH COMPANY Wheel Brush With Shank

Description:
Waved special high quality wire, shank \varnothing 6 mm.

Application: For portable grinders, on flexible drive machines or drills for brushing surfaces. High speeds improve the brush performance.
For removal of rust and scale, and for cleaning

| | |
|-------|-------------------------|
| Steel | Shank \varnothing 6mm |
|-------|-------------------------|



| Article No. | Brush \varnothing xWidth | Wire \varnothing | Bristle Height |
|-------------|----------------------------|--------------------|----------------|
| #S#10241 | 30x6mm | 0.3mm | 6mm |
| #S#10242 | 40x10mm | 0.3mm | 9mm |
| #S#10243 | 50x15mm | 0.3mm | 12mm |
| #S#10244 | 60x15mm | 0.3mm | 17mm |
| #S#10245 | 70x16mm | 0.3mm | 19mm |
| #S#00824 | 80x18mm | 0.3mm | 20mm |



Wheel Brush With Shank

Description:

Waved special high quality wire, shank \varnothing 6 mm.
The high-tensile steel wire is coated with a thin layer of brass.

Application:

For portable grinders, on flexible drive machines or drills for brushing surfaces. High speeds improve the brush performance.
For removal of rust and scale, and for cleaning

| | |
|-------|-------------------------|
| Steel | Shank \varnothing 6mm |
|-------|-------------------------|



| Article No. | Brush \varnothing xWidth | Wire \varnothing | Bristle Height |
|-------------|----------------------------|--------------------|----------------|
| #S#10246 | 50x10mm | 0.25mm | 12mm |
| #S#10247 | 70x10mm | 0.25mm | 19mm |



Mini Wheel Brush With Shank

Description:

Machining of precision workpieces, small surface areas and where access is difficult.

| | |
|-------|-------------------------|
| Steel | Shank \varnothing 3mm |
|-------|-------------------------|



| Article No. | Brush \varnothing xWidth | Wire \varnothing | Bristle Height |
|-------------|----------------------------|--------------------|----------------|
| #S#10248 | 19x2mm | 0.1mm | 5mm |
| #S#10249 | 22x2mm | 0.1mm | 6mm |



Wheel Brush With Shank

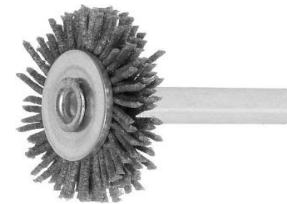
Description:

Abrasive nylon strands with silicon carbide, crimped into steel sleeve; shank \varnothing 6 mm.

Application:

For portable grinders, on flexible drive machines or drills for brushing surfaces. High speeds improve the brush performance.
Wet and dry fine rubbing down of aluminium, steel, stainless steel and plastics. Maximum operating temperature 80 °C.

| | |
|-----------------|-------------------------|
| Silicon Carbide | Shank \varnothing 6mm |
|-----------------|-------------------------|



| Article No. | Brush \varnothing xWidth | Bristle Height | Grit |
|-------------|----------------------------|----------------|------|
| #S#10250 | 30x6mm | 6mm | 120 |
| #S#10251 | 50x10mm | 12mm | 120 |
| #S#10252 | 70x10mm | 20mm | 120 |
| #S#10253 | 30x6mm | 6mm | 320 |
| #S#10254 | 50x10mm | 12mm | 320 |
| #S#10255 | 70x10mm | 20mm | 320 |

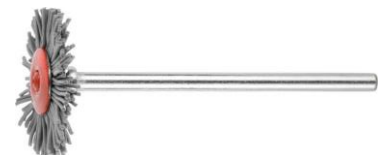


Mini Wheel Brush With Shank

Description:

Machining of precision workpieces, small surface areas and where access is difficult.

| | |
|-----------------|-------------------------|
| Silicon Carbide | Shank \varnothing 3mm |
|-----------------|-------------------------|



| Article No. | Brush \varnothing xWidth | Bristle Height | Grit | Wire \varnothing |
|-------------|----------------------------|----------------|------|--------------------|
| #S#10256 | 22x2mm | 6mm | 500 | 0.1mm |



Mini Wheel Brush With Shank

Description:

Machining of precision workpieces, small surface areas and where access is difficult.

| | |
|-------|-------------------------|
| Nylon | Shank \varnothing 3mm |
|-------|-------------------------|



| Article No. | Brush \varnothing xWidth | Bristle Height | Wire \varnothing |
|-------------|----------------------------|----------------|--------------------|
| #S#10257 | 22x2mm | 6mm | 0.15mm |



Cup Brush With Shank

Description:
Area brushes with shank \varnothing 6 mm.

Application:
In straight die grinders, flexible shafts or on stationary machines. For cleaning and deburring small to medium-sized areas.

| | |
|-------|-------------------------|
| Steel | Shank \varnothing 6mm |
|-------|-------------------------|



| Article No. | Brush \varnothing | Bristle Height | Wire \varnothing |
|-------------|---------------------|----------------|--------------------|
| #S#10258 | 40mm | 20mm | 0.3mm |
| #S#00826 | 60mm | 25mm | 0.3mm |



Cup Brush With Shank

Description:
Area brushes with shank \varnothing 6 mm.
For brushing stainless steel. Plastic cup acts as start-up protection and prevents corrosion due to introduction of foreign materials.

Application:
In straight die grinders, flexible shafts or on stationary machines. For cleaning and deburring small to medium-sized areas.

| | |
|-----------------|-------------------------|
| Stainless Steel | Shank \varnothing 6mm |
|-----------------|-------------------------|



| Article No. | Brush \varnothing | Bristle Height | Wire \varnothing |
|-------------|---------------------|----------------|--------------------|
| #S#10259 | 50mm | 28mm | 0.3mm |



End Brush

Description:
Waved special high quality wire, crimped into steel ferrule, shank \varnothing 6 mm.

Application:
For straight die grinders, on flexible drive machines and drills. For cleaning and deburring at inaccessible places.

| | |
|-------|-------------------------|
| Steel | Shank \varnothing 6mm |
|-------|-------------------------|



| Article No. | Brush \varnothing | Bristle Height | Wire \varnothing |
|-------------|---------------------|----------------|--------------------|
| #S#10261 | 10mm | 20mm | 0.3mm |
| #S#10260 | 10mm | 20mm | 0.3mm |
| #S#10262 | 22mm | 25mm | 0.3mm |
| #S#10263 | 29mm | 25mm | 0.3mm |



Miniature End Brush

Description:
Application:
Machining of precision workpieces, small surface areas and where access is difficult.

| | |
|-------|-------------------------|
| Steel | Shank \varnothing 3mm |
|-------|-------------------------|



| Article No. | Brush \varnothing | Bristle Height | Wire \varnothing |
|-------------|---------------------|----------------|--------------------|
| #S#10265 | 5mm | 8mm | 0.1mm |



Miniature End Brush

Description:
Application:
Machining of precision workpieces, small surface areas and where access is difficult.

| | |
|-----------------|-------------------------|
| Silicon Carbide | Shank \varnothing 3mm |
|-----------------|-------------------------|



| Article No. | Brush \varnothing | Bristle Height | Grit |
|-------------|---------------------|----------------|------|
| #S#10266 | 5mm | 8mm | 500 |

LESSMANN®
THE GERMAN BRUSH COMPANY

Miniature End Brush

Description:

Application:

Machining of precision workpieces, small surface areas and where access is difficult.

Nylon Shank Ø
3mm



| Article No. | Brush Ø | Bristle Height | Wire Ø |
|-------------|---------|----------------|--------|
| #S#10267 | 5mm | 8mm | 0.15mm |

LESSMANN®
THE GERMAN BRUSH COMPANY

Tube Brush

Description:

Internal brushes with galvanised twisted wire core and plain helix of bristles. Fine wire quality, overall length 90 mm, brush section length 25 mm.

Application:

Full bristles right to the end of the brush, ideal for blind holes.

Steel Shank Ø
3.8mm



| Article No. | Brush Ø | Bristle Height | Wire Ø |
|-------------|---------|----------------|--------|
| #S#10268 | 10 | 25mm | 0.12mm |
| #S#10269 | 13 | 25mm | 0.12mm |
| #S#10270 | 16 | 25mm | 0.12mm |
| #S#10271 | 20 | 25mm | 0.20mm |
| #S#10272 | 25 | 25mm | 0.20mm |

LESSMANN®
THE GERMAN BRUSH COMPANY

Tube Brush

Description:

Internal brushes with galvanised twisted wire core and plain helix of bristles. Bristles of smooth steel wire, overall length 160 mm. Brush section 100 mm long with crimped-on 1/2 inch Whitworth thread nipple.

Application:

For cleaning pipes, gratings, sleeves, heat exchangers, and cylinders.

Steel



| Article No. | Brush Ø |
|-------------|---------|
| #S#00820 | 30 |
| #S#00821 | 35 |
| #S#00822 | 38 |
| #S#10273 | 50 |
| #S#10274 | 63 |
| #S#10275 | 75 |
| #S#10276 | 100 |

LESSMANN®
THE GERMAN BRUSH COMPANY

Thread Adapter For Tube Brush

Description:

Shank Ø
6mm



| Article No. |
|-------------|
| #S#00823 |

LESSMANN®
THE GERMAN BRUSH COMPANY

Extension For Tube Brush

Description:



| Article No. |
|-------------|
| #S#10277 |

LESSMANN®
THE GERMAN BRUSH COMPANY
Tube Brush

Aluminium Oxide

Description:

Internal brushes with galvanised twisted wire core and plain helix of bristles.
Fine aluminium oxide bristles (A) in 600 grit, bristle \varnothing 0.30 mm, overall length 125 mm, brush section length 25 mm.

Application:

Abrasive nylon brushes work at both the tips and the sides of the bristles. The continued exposure of new abrasive material ensures an even abrasive effect. For deburring (cross) bores, O-ring recesses, and for cleaning and polishing nozzles and small hydraulic bores.



| Article No. | Brush \varnothing | Shank \varnothing |
|-------------|---------------------|---------------------|
| #S#10278 | 3.2 | 1.5mm |
| #S#10279 | 4.2 | 2.2mm |
| #S#10280 | 4.8 | 2.2mm |
| #S#10281 | 5.5 | 2.2mm |
| #S#10282 | 6.6 | 2.5mm |

| Article No. | Brush \varnothing | Shank \varnothing |
|-------------|---------------------|---------------------|
| #S#10283 | 8.2 | 3.2mm |
| #S#10284 | 9.8 | 3.2mm |
| #S#10285 | 11.5 | 3.7mm |
| #S#10286 | 13 | 3.7mm |

LESSMANN®
THE GERMAN BRUSH COMPANY
Tube Brush

Silicon Carbide

Description:

Internal brushes with galvanised twisted wire core and plain helix of bristles.
Fine silicon carbide bristles (SiC) in 1000grit, brush \varnothing 0.25mm, overall length 100mm.

Application:

Abrasive nylon brushes work at both the tips and the sides of the bristles. The continued exposure of new abrasive material ensures an even abrasive effect. For deburring (cross) bores, O-ring recesses, and for cleaning and polishing nozzles and small hydraulic bores.



| Article No. | Brush \varnothing | Bristle Height | Shank \varnothing |
|-------------|---------------------|----------------|---------------------|
| #S#10287 | 1.2 | 12mm | 0.7mm |
| #S#05575 | 1.9 | 18mm | 0.7mm |
| #S#10288 | 2.2 | 18mm | 0.9mm |
| #S#10289 | 2.6 | 25mm | 1.0mm |

| Article No. | Brush \varnothing | Bristle Height | Shank \varnothing |
|-------------|---------------------|----------------|---------------------|
| #S#10290 | 3.2 | 25mm | 1.7mm |
| #S#10291 | 4.2 | 25mm | 2.2mm |
| #S#10292 | 5.5 | 25mm | 2.2mm |

LESSMANN®
THE GERMAN BRUSH COMPANY
Tube Brush

Silicon Carbide

Description:

Internal brushes with galvanised twisted wire core and plain helix of bristles.
Strong silicon carbide bristles (SiC) in 120 grit and 320 grit, bristle \varnothing 0.60mm, overall length 125mm.

Application:

Abrasive nylon brushes work at both the tips and the sides of the bristles. The continued exposure of new abrasive material ensures an even abrasive effect. For deburring (cross) bores, O-ring recesses, and for cleaning and polishing nozzles and small hydraulic bores.



| Article No. | Brush \varnothing | Bristle Height | Shank \varnothing |
|-------------|---------------------|----------------|---------------------|
| #S#10293 | 6 | 65mm | 3.0mm |
| #S#10294 | 8 | 65mm | 3.0mm |
| #S#10295 | 10 | 65mm | 3.7mm |
| #S#10296 | 13 | 65mm | 3.7mm |

| Article No. | Brush \varnothing | Bristle Height | Shank \varnothing |
|-------------|---------------------|----------------|---------------------|
| #S#10297 | 16 | 65mm | 5.2mm |
| #S#10298 | 20 | 65mm | 5.7mm |
| #S#10299 | 25 | 65mm | 5.7mm |
| #S#10300 | 32 | 65mm | 5.7mm |

LESSMANN®
THE GERMAN BRUSH COMPANY
Cylinder Brush

Steel

Description:

Internal brushes with galvanised twisted wire core and plain helix of bristles.
Helical brush section of waved steel wire.
Overall length 300 mm, brush section length 100 mm.

Application:

For manual cleaning and deburring of pipes, bores etc.



| Article No. | Brush \varnothing |
|-------------|---------------------|
| #S#10303 | 3 |
| #S#10304 | 4 |
| #S#10305 | 6 |
| #S#10306 | 8 |
| #S#10307 | 10 |
| #S#10308 | 12 |
| #S#10309 | 15 |
| #S#10310 | 20 |
| #S#10311 | 40 |
| #S#10312 | 50 |



Cylinder Brush

Description:

Internal brushes with galvanised twisted wire core and plain helix of bristles.
Helical brush section of waved brass wire.
Overall length 300 mm, brush section length 100 mm.

Application:

For manual cleaning and deburring of pipes, bores etc.

Brass



| Article No. | Brush Ø |
|-------------|---------|
| #S#10313 | 3 |
| #S#10314 | 4 |
| #S#10315 | 6 |
| #S#10316 | 8 |
| #S#10317 | 10 |

| Article No. | Brush Ø |
|-------------|---------|
| #S#10318 | 12 |
| #S#10319 | 15 |
| #S#10320 | 20 |
| #S#10321 | 40 |
| #S#10322 | 50 |



Cylinder Brush

Description:

Internal brushes with galvanised twisted wire core and plain helix of bristles.
Helical brush section of nylon bristles.
Overall length 300 mm, brush section length 100 mm.

Application:

For manual cleaning and deburring of pipes, bores etc.

Nylon



| Article No. | Brush Ø |
|-------------|---------|
| #S#10323 | 3 |
| #S#10324 | 4 |
| #S#10325 | 6 |
| #S#10326 | 8 |
| #S#10327 | 10 |
| #S#10328 | 12 |
| #S#07865 | 15 |

| Article No. | Brush Ø |
|-------------|---------|
| #S#10329 | 16 |
| #S#10330 | 20 |
| #S#10331 | 25 |
| #S#10332 | 32 |
| #S#10333 | 40 |
| #S#10334 | 50 |



Hand Brush

Description:

Curved wooden body with two holes for hanging.
Length of brush section 140 mm, wire length 25 mm, overall length approx. 290 mm.
Bristle Diameter 0.35mm.

Steel



| Article No. | No. Of Row. | Width | Ttl Length | Bristle Length |
|-------------|-------------|-------|------------|----------------|
| #S#10335 | 2 | 22mm | 290mm | 140mm |
| #S#10337 | 3 | 30mm | 290mm | 140mm |
| #S#03159 | 4 | 35mm | 290mm | 140mm |
| #S#10338 | 5 | 40mm | 290mm | 140mm |
| #S#10339 | 6 | 45mm | 290mm | 140mm |



Hand Brush

Description:

Curved wooden body with two holes for hanging.
Length of brush section 140 mm, wire length 25 mm, overall length approx. 290 mm.
Bristle Diameter 0.25mm.

Brass



| Article No. | No. Of Row. | Width | Ttl Length | Bristle Length |
|-------------|-------------|-------|------------|----------------|
| #S#06170 | 2 | 22mm | 290mm | 140mm |
| #S#05008 | 3 | 30mm | 290mm | 140mm |
| #S#10351 | 4 | 35mm | 290mm | 140mm |
| #S#06450 | 5 | 40mm | 290mm | 140mm |
| #S#10352 | 6 | 45mm | 290mm | 140mm |

LESSMANN®
THE GERMAN BRUSH COMPANY
Hand Brush

Description:
Curved wooden body with two holes for hanging.
Length of brush section 140 mm, wire length 25 mm, overall length approx. 290 mm.
Bristle Diameter 0.35mm.

Stainless Steel



| Article No. | No. Of Row. | Width | Ttl Length | Bristle Length |
|-------------|-------------|-------|------------|----------------|
| #S#10377 | 2 | 22mm | 290mm | 140mm |
| #S#05009 | 3 | 30mm | 290mm | 140mm |
| #S#10378 | 4 | 35mm | 290mm | 140mm |
| #S#10379 | 5 | 40mm | 290mm | 140mm |

LESSMANN®
THE GERMAN BRUSH COMPANY
Hand Brush

Description:
Strong, thin wire brush. 2 bristle rows, wire length 22 mm.
Ergonomically designed two-component handle with finger grip and hole for hanging.
Bristle Diameter 0.30mm.

Steel



| Article No. | No. Of Row. | Width |
|-------------|-------------|-------|
| #S#10380 | 2 | 22mm |

LESSMANN®
THE GERMAN BRUSH COMPANY
Hand Brush

Description:
Strong, thin wire brush. 2 bristle rows, wire length 22 mm.
Ergonomically designed two-component handle with finger grip and hole for hanging.
Bristle Diameter 0.35mm.

Stainless Steel



| Article No. | No. Of Row. | Width |
|-------------|-------------|-------|
| #S#05893 | 2 | 22mm |

LESSMANN®
THE GERMAN BRUSH COMPANY
Hand Brush

Description:
Strong, thin wire brush. 2 bristle rows, wire length 22 mm.
Ergonomically designed two-component handle with finger grip and hole for hanging.
Bristle Diameter 0.25mm.

Brass



| Article No. | No. Of Row. | Width |
|-------------|-------------|-------|
| #S#10381 | 2 | 22mm |

LESSMANN®
THE GERMAN BRUSH COMPANY
Hand Brush

Description:
Overall length approx. 225 mm, 4 rows, area carrying bristles 110x20 mm, bristle height 20 mm.

Application:
High density for fine removal of surface blemishes.
For cleaning and applying solvents and cleaning agents.

Nylon



| Article No. | No. Of Row. | Width | Material |
|-------------|-------------|-------|----------|
| #S#10382 | 2 | 20mm | Wood |
| #S#10383 | 2 | 20mm | Plastic |

LESSMANN®
THE GERMAN BRUSH COMPANY
File Brush

Description:
Bristles of steel wire.

Application:
For cleaning serrated surfaces, such as files or the like.

Steel



| Article No. | Length | Width | Overall Length | Bristle Height |
|-------------|--------|-------|----------------|----------------|
| #S#10384 | 80mm | 20mm | 210mm | 5mm |
| #S#10385 | 100mm | 25mm | 210mm | 8mm |
| #S#10386 | 115mm | 40mm | 260mm | 8mm |

3M

Bristle Cleaning Brushes - Roloc™

Description:
Bristle special cleaning discs are homogeneous grinding bodies with a mixture of precision-formed ceramic grit and Aluminium Oxide, and an exceptionally long working life. Extremely flexible and versatile.

Application:
On virtually all materials, with the highest possible safety. Removal of rust, remains of adhesive, paint, light scratches and burrs. For smoothing, finishing, polishing, cleaning, and deburring.

For use on straight die grinders and small angle grinders with Roloc™ backing pad (mandrel ø 6 mm or M14 mounting).

Note:
The entire Roloc™ quick-change system in ø 50 mm and ø 75 mm.

Ceramic Roloc



| Article No. | | | | |
|-------------|----------|----------|------|--------|
| Ø50mm | Ø75mm | Ø115mm | Grit | Colour |
| #S#10387 | #S#10390 | #S#10393 | 50 | Green |
| #S#10388 | #S#10391 | #S#10394 | 80 | Yellow |
| #S#10389 | #S#10392 | #S#10395 | 120 | White |

3M

Bristle Cleaning Brushes

Description:
Bristle special cleaning discs are homogeneous grinding bodies with a mixture of precision-formed ceramic grit and Aluminium Oxide, and an exceptionally long working life. Extremely flexible and versatile.

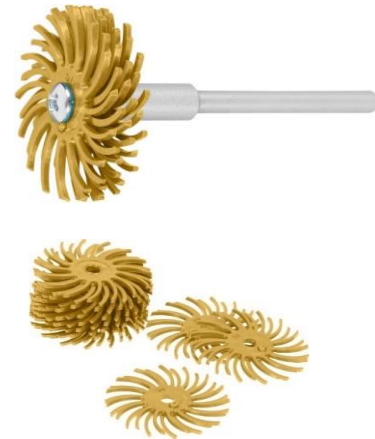
The radial bristle brush consists of individual segments (approx. 1.6 mm wide).
Removable mandrel (shank ø 3 mm). Segments can be combined to make up any desired brush width.

With curved bristles (type C) for use on profiled surfaces.

Application:
Ensure the correct direction of rotation.
Requires no accessories for use on straight grinders or flexible shafts.
On virtually all materials, with the highest possible safety. Removal of rust, remains of adhesive, paint, light scratches and burrs. For smoothing, finishing, polishing, cleaning, and deburring.

Supplied with:
24 individual segments (approx. 1.6 mm wide) including mandrel with shank ø 3 mm.

Ceramic Shank Ø 3mm Shank Ø 6mm



| Article No. | Ø | Grit | Colour | Qty | Shank Ø |
|-------------|------|------|--------|-------|---------|
| #S#10396 | 25mm | 80 | Yellow | 24pcs | 3mm |
| #S#10397 | 25mm | 120 | White | 24pcs | 3mm |

| Article No. | | | | | |
|-------------|----------|------|--------|---------|-------|
| Ø50mm | Ø76mm | Grit | Colour | Shank Ø | Width |
| #S#10398 | #S#10401 | 80 | Yellow | 6mm | 10mm |
| #S#10399 | #S#10402 | 120 | White | 6mm | 10mm |
| #S#10400 | #S#10403 | 220 | Red | 6mm | 10mm |





Bristle Cleaning Brushes - Ø150mm

Description:

Bristle special cleaning discs are homogeneous grinding bodies with a mixture of precision-formed ceramic grit and Aluminium Oxide, and an exceptionally long working life. Extremely flexible and versatile.

The radial bristle brush consists of individual segments (approx. 1.6 mm wide).

Application:

Ensure the correct direction of rotation.

On virtually all materials, with the highest possible safety. Removal of rust, remains of adhesive, paint, light scratches and burrs. For smoothing, finishing, polishing, cleaning, and deburring. Bore ø 25.4 mm, with reducer rings ø 22.23 / 19 / 15.6 / 12.7 mm supplied.

Ceramic



Type C



Type A

Type C (Curved bristles for use on profiled surfaces)

Type A (Oblique bristles for powerful performance)

| Article No. | Grit | Colour | Width |
|-------------|------|--------|-------|
| #S#10404 | 80 | Yellow | 12mm |
| #S#10405 | 120 | White | 12mm |
| #S#10406 | 220 | Red | 12mm |

| Article No. | Grit | Colour | Width |
|-------------|------|--------|-------|
| #S#10407 | 36 | Brown | 12mm |
| #S#10408 | 50 | Green | 12mm |
| #S#10409 | 80 | Yellow | 12mm |



Extension adapter set, 4 pieces

Description:

Application:

For joining together several bristle brushes. Adapter width 12.7 mm, bore ø 25.4 mm.

Suitable for: Radial bristle brush



| Article No. |
|-------------|
| #S#10267 |



Interior Brush NOVOFLEX-B SiC- 120 grit

Description:

Self-centring interior brush with flexible bristles carrying silicon carbide spheres. Overall length 200 mm.

Application:

For chamfering, finishing of surfaces and honing. Generates fine evenly ground surface with high contact area. For use in power drills and fixed drills. Recommended speed 350 – 700 rpm, contact time 20 – 40 seconds.

Silicon Carbide



Note: Do not use dry, use with cutting oil

| Article No. | Hose Ø (mm) | Bore Ø (mm) | Shank Ø (mm) | Bristle Length (mm) |
|-------------|-------------|-------------|--------------|---------------------|
| #S#10411 | 7 | 8 | 3.6 | 50 |
| #S#10412 | 8 | 9 | 3.6 | 50 |
| #S#10413 | 9 | 10 | 3.6 | 50 |
| #S#10414 | 10 | 11 | 3.6 | 60 |
| #S#10415 | 11 | 12 | 3.6 | 60 |
| #S#10416 | 12 | 13 | 3.6 | 60 |
| #S#10417 | 14 | 15.5 | 3.6 | 60 |
| #S#10418 | 16 | 18 | 4.6 | 60 |
| #S#10419 | 18 | 20 | 4.6 | 60 |
| #S#10420 | 20 | 22 | 4.6 | 70 |
| #S#10421 | 22 | 25 | 4.6 | 70 |
| #S#10422 | 25 | 28 | 5.1 | 70 |
| #S#10423 | 27 | 30 | 5.1 | 70 |
| #S#10424 | 29 | 32 | 5.1 | 70 |
| #S#10425 | 32 | 35 | 5.7 | 70 |
| #S#10426 | 45 | 48 | 5.7 | 70 |
| #S#10427 | 51 | 54 | 6.5 | 70 |
| #S#10428 | 60 | 64 | 7.3 | 70 |



Precision Scraper With Exchangeable Blade Tool Steel

Description:

Light alloy holder (120 mm long) with collet chuck and interchangeable detachable three-square hollow section blade of special tool steel or carbide. Blade can be taken out and reground along its entire length.



Article No.

#S#05171

Article No. Description

#S#10430 Spare blade straight (80x4.2 mm) Tool steel

Article No. Description

#S#05171 Spare blade straight (50x3.2 mm) Carbide

Article No. Description

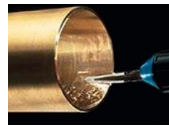
#S#10431 Spare blade straight (75x3.2 mm) HSS



Universal Scraper With Exchangeable Blade Tool Steel 120 mm

Description:

Blade holder of plastic with spare blade compartment. Robust holder with exchangeable detachable three-edge hollow section blade of special tool steel. Blade can be taken out and reground along its entire length.



Type A



Type B



Article No. Type

#S#03483 A

#S#10342 B

Article No. Description

#S#03484 Spare blade straight (120x7.4 mm) Tool steel 120 mm



Universal Toolholder With 3-Jaw Chuck

Description:

Universal toolholder with 3-jaw chuck. Sturdy hardened clamping jaws (58 HRC), comfortable to use, transmits high torques via the aluminium handle with non-slip plastic covering.

Advantage: 3-jaw chuck accepts various geometries (such as hexagonal tools / round tools).

Application:

Quick and secure clamping of a wide variety of tools such as countersinks, scrapers, key files etc.



Article No. Clamping Range Weight

#S#10433 0.5mm-8mm 165g



Ceramic Scraper With Fixed Blade

Description:

Ergonomic 2-component plastic handle with ceramic blade (not replaceable). Extremely long service life. 90° cutting edge means it is very safe to use.

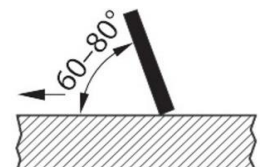
Application:

For deburring almost any type of plastic and other soft materials. Application angle 60 - 80°, do not apply too much pressure.



Article No. Length

#S#10434 155mm





Ceramic Scraper With Exchangeable Blade

Description:

Plastic handle with 1 exchangeable ceramic blade for highly curved contours and narrow ribs.

Application:

For deburring almost any type of plastic and other soft materials.
Application angle 60 - 80°, do not apply too much pressure.



| Article No. | Length |
|-------------|--------|
| #S#10435 | 175mm |

| Article No. | Description |
|-------------|-----------------------|
| #S#10436 | Ceramic blade concave |

| Article No. | Description |
|-------------|----------------------|
| #S#10437 | Ceramic blade convex |



Mini Ceramic Scraper With Convex Exchangeable Blade

Description:

For deburring almost any type of plastic and other soft materials.

Supplied with:

Mini-plastic handle with 1 replaceable ceramic blade, convex



| Article No. | Length |
|-------------|--------|
| #S#10441 | 145mm |

| Article No. | Description |
|-------------|-----------------------|
| #S#10443 | Ceramic blade, convex |



Mini Ceramic Scraper With Square Exchangeable Blade

Description:

For deburring almost any type of plastic and other soft materials.

Supplied with:

Mini-plastic handle with 1 replaceable ceramic blade, three-square



| Article No. | Length |
|-------------|--------|
| #S#10442 | 129mm |

| Article No. | Description |
|-------------|-----------------------|
| #S#10444 | Ceramic blade, square |



Universal Deburrer Handle With Ceramic Blade

Description:

Handy 2-component handle with unique mounting for the ceramic blades. In conventional deburrers the blade rotates; here the blade mounting rotates. The result is smoother working, which is easier on the blade.

Application:

Deburring holes and a wide variety of contours. Highly suitable not only for soft materials such as aluminium and plastics but also for very abrasive plastics such as fibreglass. Extremely wear-resistant: approx. 20 times the working life of a HSS blade (when deburring plastics).



| Article No. | Degree |
|-------------|--------|
| #S#10445 | 65 |
| #S#10446 | 75 |



Ceramic deburrer blade

| Article No. | Degree |
|-------------|--------|
| #S#10447 | 65 |
| #S#10448 | 75 |





Deburrer Handle

Description:

2-part plastic handle with spring-loaded lock for locking / unlocking blades / telescopic shank. Blades can be stored in the removable end cap.



| Article No. | Type | I.D. | Length |
|-------------|------|---------------|--------|
| #S#07515 | S | Ø3.2 | 125mm |
| #S#10449 | N | Ø2.6 | 125mm |
| #S#10450 | T | Ø7 Telescopic | 125mm |



Universal Deburrer With Type N (Ø2.60)

Description:

Handle with rotating, exchangeable blades. Very easy to use, the blade adapts itself automatically to the contours of the workpiece.

Application:

For efficient deburring of different materials / contours.

| Article No. | Length | Description |
|-------------|--------|------------------------------------|
| #S#10452 | 135mm | Aluminium handle with 1 blade (N1) |



| Article No. | Length | Description |
|-------------|--------|---|
| #S#10453 | 140mm | 2-component handle with 2 blades (N1, N2) |



| Article No. | Length | Description |
|-------------|-----------|--|
| #S#10454 | 155-225mm | 2-component handle with telescopic shank and 2 blades (N1, N2) |



| Article No. | Length | Description |
|-------------|--------|-------------------------------------|
| #S#10455 | - | Telescopic shank for N-blades ø 2.6 |



Deburrer Blade (HSS-E)



| Article No. | #S#10458 | #S#10459 | #S#10460 | #S#10461 | #S#10462 |
|-------------|------------|------------|------------|------------|------------|
| Applicable | Right-Hand | Right-Left | Right-Hand | Right-Hand | Right-Hand |
| Length (mm) | 20 | 20 | 20 | 45 | 25 |
| Type | N1 | N2 | N3 | N6 | N10 |

Deburrer Blade (HSS TiN Coated)



| Article No. | #S#10463 | #S#10464 |
|-------------|------------|------------|
| Applicable | Right-Hand | Right-Left |
| Length (mm) | 20 | 20 |
| Type | N1 | N2 |

Deburrer Blade (HSS Diamond Coated)



| Article No. | #S#10465 |
|-------------|------------|
| Applicable | Right-Hand |
| Length (mm) | 20 |
| Type | N1 |



Universal Deburrer With Type S (Ø3.20)

Description:

Handle with rotating, exchangeable blades. Very easy to use, the blade adapts itself automatically to the contours of the workpiece.

Application:

For efficient deburring of different materials / contours.

| Article No. | Length | Description |
|-------------|--------|--|
| #S#10466 | 140mm | Universal deburrer, plastic handle with 1 blade (S150) |



| Article No. | Length | Description |
|-------------|--------|--|
| #S#10467 | 150mm | Universal deburrer, alu. handle with 1 blade (S10) |



| Article No. | Length | Description |
|-------------|--------|--|
| #S#10473 | 145mm | Universal deburrer, 2-component handle with 3 blades (S10, S20, S35) |



| Article No. | Length | Description |
|-------------|-----------|--|
| #S#10474 | 170-240mm | Universal deburrer, 2-component handle with telescopic shank and 3 blades (S100, S20, S30) |



| Article No. | Length | Description |
|-------------|--------|-------------------------------------|
| #S#10475 | - | Telescopic shank for S-blades ø 3.2 |



Deburrer Blade (HSS-E)



| Article No. | #S#04523 | #S#10477 | #S#10478 | #S#05288 | #S#10479 | #S#07175 | #S#10480 | #S#10481 |
|-------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Applicable | Right-Hand | Right-Hand | Right-Left | Right-Hand | Right-Hand | Right-Left | Right-Hand | Right-Hand |
| Length (mm) | 43 | 43 | 48 | 48 | 48 | 48 | 43 | 66 |
| Type | S10 | S101 | S20 | S100 | S30 | S35 | S150 | S60 |

Deburrer Blade (Left-Hand)



| Article No. | #S#10482 | #S#10483 |
|-------------|------------|------------|
| Applicable | Right-Hand | Right-Hand |
| Length (mm) | 43 | 43 |
| Type | S10 | S101 |

Deburrer Blade (HSS TiN Coated)



| Article No. | #S#10484 | #S#10485 | #S#10486 | #S#10487 | #S#10488 | #S#10489 | #S#10490 |
|-------------|------------|------------|------------|------------|------------|------------|------------|
| Applicable | Right-Hand | Right-Hand | Right-Left | Right-Hand | Right-Hand | Right-Left | Right-Hand |
| Length (mm) | 43 | 43 | 48 | 48 | 48 | 48 | 43 |
| Type | S10 | S101 | S20 | S100 | S30 | S35 | S150 |

Deburrer Blade (Carbide)



| Article No. | #S#10491 |
|-------------|------------|
| Applicable | Right-Hand |
| Length (mm) | 43 |
| Type | S10 |



Deburrer Set

Description:

| Article No. | Type | Description |
|-------------|------|-----------------------------------|
| #S#10492 | S | Deburrer set with 20 blades - S10 |



| Article No. | Type | Description |
|-------------|------|------------------------------------|
| #S#10493 | S | Deburrer set with 20 blades - S100 |



| Article No. | Type | Description |
|-------------|------|------------------------------------|
| #S#10517 | S | Deburrer set with 10 blades - S150 |



| Article No. | Type | Description |
|-------------|------|--|
| #S#10494 | S | Deburrer set with telescopic shank, 5 each of blades - S10 and S20 |



ROTO-DRIVE Deburrer With Deburring Head Ø10.4

Description:

Handle with rotating, exchangeable deburring head. Easy to use due to crank system.

Application:

For easy deburring, chamfering or reworking of holes, external diameters, threads, and grooves.

| Article No. | Length |
|-------------|--------|
| #S#10518 | 155mm |



ROTO-DRIVE Deburrer With External Deburring Head Ø 4 - 18

Description:

Handle with rotating, exchangeable deburring head. Easy to use due to crank system.

Application:

For easy deburring, chamfering or reworking of holes, external diameters, threads, and grooves.

| Article No. | Length |
|-------------|--------|
| #S#10519 | 155mm |





Hole Deburring Head

Description:

For easy deburring and chamfering of holes with crank system for different materials, leaving a clean finish.

Suitable for: Roto-Drive deburrers

| Article No. | Head Ø (mm) |
|-------------|-------------|
| #S#10520 | 3.2 |
| #S#07511 | 6.3 |
| #S#07512 | 8.3 |
| #S#07513 | 10.4 |
| #S#07514 | 16.5 |
| #S#10528 | 20.0 |



Hole deburring head, 90°, with shank HSS TiN coated 10,4 mm

| Article No. | Head Ø (mm) |
|-------------|-------------|
| #S#10530 | 10.4 |



HSS External Deburring Head

Description:

Application:

For easy deburring and chamfering of external diameters with crank system for different materials.

Suitable for: Roto-Drive deburrer

| Article No. | Head Ø (mm) |
|-------------|-------------|
| #S#10531 | 4.0-18 |



Internal Thread Cleaning Blade HSS

Description:

Application:

For cleaning up dirty and damaged internal threads from M8. For all standard thread forms.

Suitable for: Roto-Drive deburrer

| Article No. |
|-------------|
| #S#10532 |



O-ring Groove Deburring Blade HSS

Description:

Application:

For deburring grooves to maximum 3 mm width (e.g. O-ring grooves) in internal bores.

Suitable for: Roto-Drive deburrer

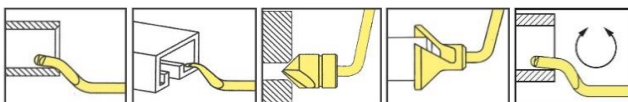
| Article No. |
|-------------|
| #S#10533 |



Universal Deburrer Set, in a plastic box 7 pieces

Description:

Aluminium handle with 1 each HSS blade



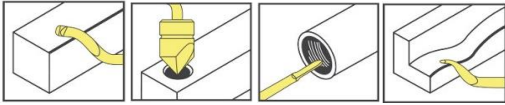
| Article No. |
|-------------|
| #S#10534 |





Deburrer set in a fold-away handle

Description:
Fold-away handle with HSS blade



Article No.
#S#06247



Hole Deburrer With Deburring Head HSS Ø 20 mm

Description:
2-component handle with hexagonal telescopic shank and exchangeable deburring head HSS 90°, ø 20 mm. Suitable even for deeply recessed holes.



Article No.
#S#10535



Deburring Head

Description:

Deburring Head, HSS 90°

| | | | |
|-------------|----------|----------|----------|
| | | | |
| Article No. | #S#10536 | #S#10537 | #S#10538 |
| Ø (mm) | 12 | 20 | 30 |

Deburring Head, HSS TiN Coated 90°

| | |
|-------------|----------|
| | |
| Article No. | #S#10539 |
| Ø (mm) | 20 |

| Article No. | Length | Description |
|-------------|--------|--------------------------------------|
| #S#10540 | - | Telescopic shank for deburring heads |



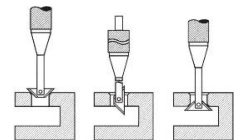
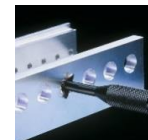
External and Internal Hole Deburrer

Description:
By pushing the pressure bolt at the top of the handle, you can position the deburrer blade vertically for insertion into the drilled hole. The cutting blade operates in both directions. Rotating it 180° achieves easy deburring. The blade is exchangeable. A hexagon socket screwdriver for changing the blade is stored in the handle.

Application:
Ideal for external and internal hole deburring where access is difficult.



| Article No. | Hole Ø (mm) | Max Hole Depth (mm) |
|-------------|-------------|---------------------|
| #S#10541 | 3.0-5.5 | 15 |
| #S#10542 | 5.0-10.0 | 17 |
| #S#10543 | 10.0-22.0 | 52 |



Spare Blade with screw

| Article No. | Hole Ø (mm) |
|-------------|-------------|
| #S#10544 | 3.0-5.5 |
| #S#10545 | 5.0-10.0 |
| #S#10546 | 10.0-22.0 |



External and Internal Hole Deburrer Set

Article No.
#S#10547





Mini Scraper

Description:

2-component handle with telescopic shank and exchangeable scraper blades.

| Article No. | Length | Description |
|-------------|-----------|---|
| #S#10548 | 170-240mm | With straight mini scraper blade 2.5x50 mm for fine scraping work. |

| Article No. | Length | Description |
|-------------|-----------|--|
| #S#10549 | 170-240mm | With straight mini scraper blade 2.7x50 mm for deburring the back of holes (from ø 4 mm). |

| Article No. | Length | Description |
|-------------|--------|--|
| #S#10550 | 50mm | Mini scraper blade, straight HSS TiN coated (Ø3.2mm) |

| Article No. | Length | Description |
|-------------|--------|---------------------------------------|
| #S#05170 | 50mm | Mini scraper blade, straight (Ø3.2mm) |

| Article No. | Length | Description |
|-------------|--------|--------------------------------------|
| #S#10551 | 48mm | Mini scraper blade, cranked (Ø3.2mm) |

| Article No. | Length | Description |
|-------------|--------|-------------------------------------|
| #S#10552 | - | Telescopic shank for scraper blades |



Spline Deburrer With Telescopic Shank and Insert

Description:

2-component handle with telescopic shank and exchangeable insert.

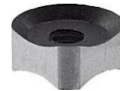
Application: For deburring keyways in bores or shafts.



| Article No. | Keyway Width (mm) | Length (mm) |
|-------------|-------------------|-------------|
| #S#10553 | 2.4mm-11mm | 160mm-230mm |

Spare Blade for Spline deburring

| Article No. | Keyway Width (mm) | Blade Thickness (mm) |
|-------------|-------------------|----------------------|
| #S#10554 | 1.2-8.0 | 4.5 |
| #S#10555 | 2.4-11.0 | 4.5 |
| #S#10556 | 3.0-15 | 6.8 |



| Article No. | Length | Description |
|-------------|--------|------------------------------|
| #S#10557 | - | Telescopic shank for inserts |



Sheet metal deburrer

Description:

2-component handle with telescopic shank and exchangeable V-blade for material thickness from 1-8 mm.

Application: For deburring both sides of sheet metal, flat material or narrow ribs in a single operation (2 edges simultaneously).



| Article No. | Length (mm) | Material Thickness (mm) |
|-------------|-------------|-------------------------|
| #S#10558 | 160mm-230mm | 1.0-8.0 |

Spare V-Blade

| Article No. | Web Width (mm) | Material Thickness (mm) |
|-------------|----------------|-------------------------|
| #S#10559 | 2.5 | 0-2.5 |
| #S#10560 | 8 | 1.0-8.0 |



| Article No. | Length | Description |
|-------------|--------|-------------------------------|
| #S#10561 | - | Telescopic shank for V-blades |





Sheet Metal Deburrer With 2 HSS Cutting Discs

Description:

Holder with 2 reversible and exchangeable cutting discs for material thickness from 0 –12 mm. Worn cutter wheels can be indexed and reversed. With shield to protect the hand against injury. Of HSS.

Application:

For deburring both sides of sheet metal or flat material in a single stroke (2 edges simultaneously).



| Article No. | Length (mm) |
|-------------|-------------|
| #S#10562 | 190mm |

Spare Blade

| Article No. | Disc Ø (mm) | Material | Disc Thickness (mm) |
|-------------|-------------|----------|---------------------|
| #S#10564 | 12 | HSS | 5 |
| #S#10565 | 12 | HSS-E | 5 |



Mini Deburrer

Description:

Aluminium body with secure-grip plastic sheathing. Non-replaceable blade. Rotating exchangeable blade.

Application:

Mini-deburrer for extra-fine work.



| Article No. | Length (mm) |
|-------------|-------------|
| #S#10566 | 98mm |



Three-Edge Scraper (D50)

Description:

Aluminium body with secure-grip plastic sheathing. Non-replaceable blade.

Application:

Mini-three-edge scraper, ideal tool-making and mould-making.



| Article No. | Length (mm) |
|-------------|-------------|
| #S#10567 | 105mm |



Mini hole deburrer ROTO-DRIVE (3.2 mm)

Description:

Aluminium body with secure-grip plastic sheathing. Non-replaceable blade. Rotating exchangeable blade.

Application:

Mini-deburrer and countersink for small holes 0 – 3.0 mm.



| Article No. | Length (mm) |
|-------------|-------------|
| #S#10568 | 109mm |



Mini Deburrer / Scraper - Set

Description:

Aluminium body with secure-grip plastic sheathing. Non-replaceable blade.

Supplied with:

- 1 mini-deburrer
- 1 mini-three-edge scraper
- 1 mini-hole deburrer



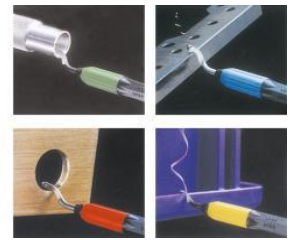
| Article No. |
|-------------|
| #S#10569 |



Universal Deburrer - Set (4 holders, each with 1 blade)

Description:

4 deburrers for 4 applications, with colour coding.
Plastic handles with clip, each with 1 exchangeable blade



Article No.

#S#10570



Multi-Purpose Deburrer / Scraper Set In a Plastic Box 22 pieces

Description:

Supplied with:

- Sheet metal deburrer: 1 pc.
- Spare cutting disc: 1 pc.
- Deburrer handle for telescopic shank: 1 pc.
- Deburrer blade HSS \varnothing 3.2 mm: 1 pc. each size S10, S20, S30; S150
- ROTO-DRIVE deburring head HSS \varnothing 10.4 mm: 1 pc. size 10.4
- ROTO-DRIVE external deburring head HSS \varnothing 4 – 18 mm: 1 pc.
- Deburrer handle for telescopic shank: 1 pc. size T
- Telescopic shank for S-blades \varnothing 3.2 mm: 1 pc.
- Telescopic shank for N-blades \varnothing 2.6 mm: 1 pc.
- Deburrer blade HSS \varnothing 2.6 mm: 1 pc. each size N1; N2
- Telescopic shank for deburring heads: 1 pc.
- Deburrer head HSS, 90°, \varnothing 20 mm: 1 pc. size 20
- Telescopic shank for inserts: 1 pc. No.
- insert for splines / keyways, 11 mm: 1 pc. size 11
- Telescopic shank for scraper blades: 1 pc.
- Mini scraper blade: 1 pc.
- Special scraper blade: 1 pc.
- Aluminium deburrer handle for N-blades \varnothing 2.6 mm: 1 pc.



Article No.

#S#04725



Multi-Purpose Deburrer / Scraper Set In a Plastic Box 19 pieces

Description:

Supplied with:

- precision scraper with exchange blade: 1 pc.
- Deburrer handle (without blade): 1 pc.
- Telescopic shank for S-blades \varnothing 3.2 mm: 1 pc.
- Deburrer blade HSS \varnothing 3.2 mm: 1 pc. each size S10, S20, S30; S150
- ROTO-DRIVE deburring head HSS \varnothing 10.4 mm: 1 pc. size 10.4
- Telescopic shank for N-blades \varnothing 2.6 mm: 1 pc.
- Deburrer blade HSS \varnothing 2.6 mm: 1 pc. each size N1; N2
- Telescopic shank for deburring heads: 1 pc.
- Deburrer head HSS, 90°, \varnothing 20 mm: 1 pc. size 20
- Telescopic shank for scraper blades: 1 pc.
- Mini scraper blade: 1 pc.
- Special scraper blade: 1 pc.
- Telescopic shank for inserts: 1 pc.
- insert for splines / keyways, 11 mm: 1 pc. size 11
- Deburrer handle for telescopic shank: 1 pc. size T



Article No.

#S#10571



All-Round Deburrer / Scraper Set In a Plastic Box 16 pieces

Description:

Supplied with:

- universal deburrer with 3 blades (S100, S20, S30): 1 pc.
- Mini-scraper with special cranked scraper blade: 1 pc.
- Spline / keyway deburrer with 1 cutting tip (2.4 – 11 mm): 1 pc.
- precision scraper with special interchangeable tool steel blade: 1 pc.
- Sheet metal deburrer with deburrer blade (1 – 8 mm): 1 pc.
- Mini-scraper with straight scraper blade: 1 pc.
- Hole deburrer with deburrer head (up to \varnothing 20 mm): 1 pc.



Article No.

#S#10572



Inner / Outer Pipe Deburrer

Description:

One side for internal deburring, the other side for external deburring. Plastic coating, cutter with 3 edges. For pipes of 4 – 42 mm ø. For manual use.

Note:

Particularly suitable for copper pipes. Not for plastic pipes.

| Article No. | Length (mm) | Ø(mm) | Cutting Edge |
|-------------|-------------|-------|--------------|
| #S#10584 | 50 | 50 | 3 |



ROLLER Stainless Steel Inner / Outer Deburrer

Description:

Body of anodised aluminium, deburring cone of hardened special steel.

Application:

Professional inner and outer deburring of stainless steel, steel, copper, plastic and aluminium pipes.

| Article No. | Min Pipe Ø | Max Pipe Ø | With Hexagon |
|-------------|------------|------------|--------------|
| #S#06970 | 8mm | 35mm | NO |
| #S#10582 | 10mm | 54mm | NO |
| #S#10583 | 10mm | 54mm | YES |



With Hexagon



Bench Grinding Wheels / Dressing Wheels

Description:

High-quality long-lasting bench grinder wheels in ceramic bonding. Very low radial and axial run-out, maximum cutting speed 40 m/s. For general use on double-ended bench grinding machines for deburring, sharpening and resharpening tools.

Application:

- SC46 – For aluminium and non-ferrous metals.
- SC80 – For sharpening solid carbide and carbide-tipped tools as well as cast iron components.
- C800 – For sharpening of cutting, polishing, effect grinding and fine deburring work. The clamping flange diameter area must be at least 2/3 of the wheel diameter.
- EK60; EK80 – For hardened steels and HSS.
- NK36; NK60 – For construction steels and low-alloy steels and also grey cast iron.

Supplied with: Reducing ring set for the indicated bores.

Specification:

- SC46 – Silicon carbide, green, hardness grade H.
- SC80 – Green silicon carbide, hardness grade J.
- C800 – PU-bonded silicon carbide.
- EK60; EK80 – White electro-bonded aluminium oxide, hardness grade M
- NK36; NK60 – Standard aluminium oxide grey-blue, hardness grade M.

| Aluminium Oxide | Silicon Carbide |
|-----------------|-----------------|
|-----------------|-----------------|



Type NK



Type EK



Type SC



Type C

Size (mm) : Ø150 x 20(T) x 32(ID)

| Article No. | Type |
|-------------|------|
| #S#10585 | NK36 |
| #S#10586 | NK60 |
| #S#10587 | EK60 |
| #S#10588 | EK80 |
| #S#10589 | SC46 |
| #S#10590 | SC80 |
| #S#10591 | C800 |

Size (mm) : Ø175 x 25(T) x 51(ID)

| Article No. | Type |
|-------------|------|
| #S#10598 | NK36 |
| #S#10599 | NK60 |
| #S#10600 | EK60 |
| #S#10601 | EK80 |
| #S#10602 | SC80 |
| #S#10603 | C800 |

Size (mm) : Ø175 x 25(T) x 32(ID)

| Article No. | Type |
|-------------|------|
| #S#10592 | NK36 |
| #S#10593 | NK60 |
| #S#10594 | EK60 |
| #S#10595 | EK80 |
| #S#10596 | SC46 |
| #S#10597 | SC80 |

Size (mm) : Ø200 x 25(T) x 51(ID)

| Article No. | Type |
|-------------|------|
| #S#10604 | NK60 |
| #S#10605 | EK60 |
| #S#10606 | EK80 |
| #S#10607 | SC46 |
| #S#10608 | SC80 |





Grinding Wheel For Unalloyed And Low Alloy Unhardened Steels

| | |
|-----------------|-----|
| Aluminium Oxide | OSA |
|-----------------|-----|

Description:

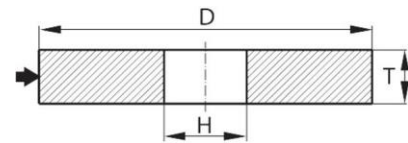
High performance surface grinding wheels with high-porosity bonding system for reduced thermal loading and minimal dressing diamond wear.

- Universally applicable for reciprocating grinding processes, which significantly reduces the frequency of wheel changes in daily operation.
- For use on all commercially available grinding machines for tool and die making and machine tool building, e.g. Jung, ABA, Blohm, Elb, Mägerle, Ziersch & Baltrusch, Geibel & Hotz, Jones & Shipman.
- Cooling with emulsion is necessary, ensure good lubrication, especially on long-chipping materials.

Specially treated Aluminium Oxide for grinding unalloyed and low alloy unhardened steels.

Application: For rough grinding (roughing).

Specification: F13A46HH11V-Strato steel low alloyed.



| Article No. | Size: DxTxH |
|-------------|-------------|
| #S#10619 | 200x20x51 |
| #S#10624 | 250x25x51 |
| #S#10625 | 300x50x127 |
| #S#10626 | 350x50x127 |
| #S#10627 | 400x50x127 |



Grinding Wheel For High Alloy And Hardened Steels

| | |
|-----------------|-----|
| Aluminium Oxide | OSA |
|-----------------|-----|

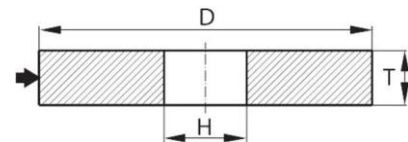
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High performance surface grinding wheels with high-porosity bonding system for reduced thermal loading and minimal dressing diamond wear.

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- Cooling with emulsion is necessary, ensure good lubrication, especially on long-chipping materials.

Special Aluminium Oxide for grinding high-alloy hardened steels, case-hardened and tool steels, Stellite and chilled cast iron. Especially for hard materials, because of better penetration into the material, the specification of 80 grit achieves optimum results.

Specification: 97A801H8AV237-steel high alloyed.



| Article No. | Size: DxTxH |
|-------------|-------------|
| #S#10628 | 200x20x51 |
| #S#10631 | 250x25x76.2 |
| #S#10632 | 350x50x127 |
| #S#10633 | 400x50x127 |



Grinding Wheel For NF Metal, Titanium, Carbide, Cast-Iron

| | |
|-----------------|-----|
| Silicon Carbide | OSA |
|-----------------|-----|

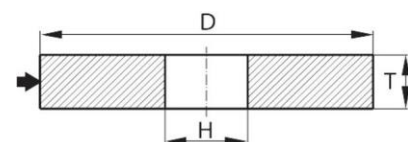
Description:

High performance surface grinding wheels with high-porosity bonding system for reduced thermal loading and minimal dressing diamond wear.

- Universally applicable for reciprocating grinding processes, which significantly reduces the frequency of wheel changes in daily operation.
- For use on all commercially available grinding machines for tool and die making and machine tool building, e.g. Jung, ABA, Blohm, Elb, Mägerle, Ziersch & Baltrusch, Geibel & Hotz, Jones & Shipman.
- Cooling with emulsion is necessary, ensure good lubrication, especially on long-chipping materials.

Open-pored silicon carbide grinding wheel with low tendency to clog. Suitable for grinding aluminium, NF metals, titanium, carbide and cast iron.

Specification: C60J11V18.



| Article No. | Size: DxTxH |
|-------------|-------------|
| #S#10635 | 300x40x127 |



Grinding Wheel For High Alloy Hardened Steels, HSS and Stainless

Ceramic OSA

Description:

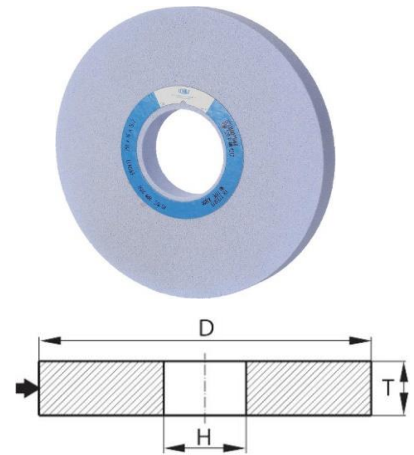
High performance surface grinding wheels with high-porosity bonding system for reduced thermal loading and minimal dressing diamond wear.

- Universally applicable for reciprocating grinding processes, which significantly reduces the frequency of wheel changes in daily operation.
- For use on all commercially available grinding machines for tool and die making and machine tool building, e.g. Jung, ABA, Blohm, Elb, Mägerle, Ziersch & Baltrusch, Geibel & Hotz, Jones & Shipman.
- Cooling with emulsion is necessary, ensure good lubrication, especially on long-chipping materials.

High-performance line with sintered carborundum for longer working life, freer cutting and cooler grinding. Particularly suitable for high-alloy hardened steels, stainless steel and high-speed steels with a hardness of 60 HRC. The next higher quality step is offered by the VIB-STAR CBN super-abrasive CBN grinding wheels.

Specification: 454A60J10V3.

| Article No. | Size: DxTxH |
|-------------|-------------|
| #S#10637 | 200x20x51 |
| #S#10638 | 250x25x76.2 |
| #S#10639 | 350x40x127 |
| #S#10640 | 400x50x127 |



Precision External Cylindrical Grinding Wheel

Aluminium Oxide OSA

Description:

High performance external cylindrical grinding wheels in ceramic bonding. The grinding wheel structure incorporates the optimum match of grit volume and bonding volume; bonding strength and manufacturing process are characterised by:

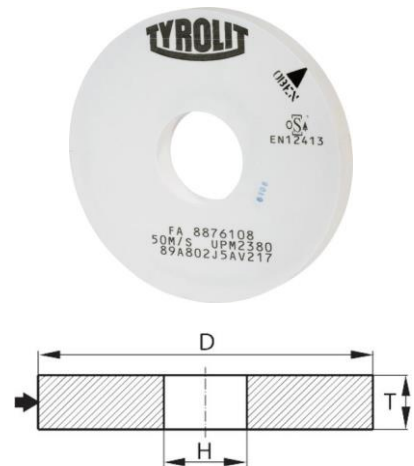
- High cutting effectiveness and reduced grinding times with low wear.
- Low thermal loading, cool cutting.
- Long cycles between dressing operations mean reduced downtime.

Specification: 89A 802J5 AV217. Aluminium oxide for general purpose use.

Application:

- For general use in external cylindrical grinding (straight/ oblique longitudinal grinding, recess grinding).
- For use on all grinding machines generally used for tool and die making, and machine tool building (e.g. Kellenberger, Studer, Schaudt, Tschudin, etc.)
- Cooling with emulsion is necessary, good lubrication on long-chipping materials is absolutely necessary.

| Article No. | Size: DxTxH |
|-------------|--------------|
| #S#10641 | 300x32x127 |
| #S#10642 | 350x32x127 |
| #S#10643 | 400x40x127 |
| #S#10644 | 450x40x203.2 |
| #S#10645 | 500x60x203.2 |



Precision External Cylindrical Grinding Wheel

CBN OSA

Description:

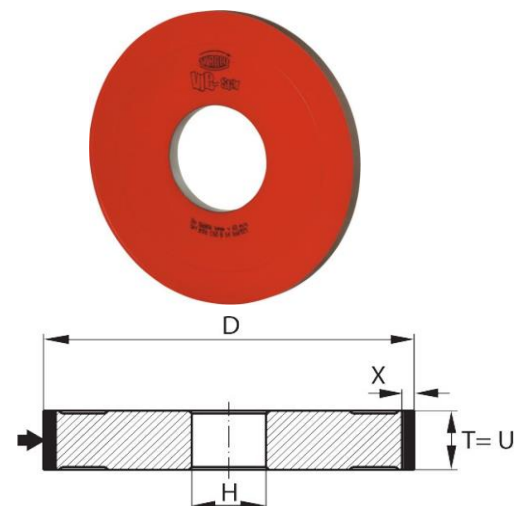
Surface grinding and external cylindrical grinding wheels, highly developed, with super-abrasives (CBN or diamond) in synthetic resin bonding. The high-strength, vibration-optimised VIB STAR grinding wheel base body permits a high damping for a smooth, even grinding process with high surface quality.

- Extreme performance improvement (G-factor) compared to conventional grinding media.
- The vibration-damping design of the carrier body significantly increases the working life.
- Continuous self-sharpening effect due to even power consumption and avoidance of cyclical sharpening operations.

CBN grit for high performance grinding of long-chipping ferrous materials such as hardened high-alloy chrome steels and HSS tool steels (including powder metallurgy grades) and nickel-based alloys.

- General use for all materials from a hardness of about 58 HRC (limit of economic use).
- For surface grinding and external cylindrical grinding (straight longitudinal grinding, recess grinding).

| Article No. | Size: DxTxH | X (mm) |
|-------------|-------------|--------|
| #S#10646 | 200x15x51 | 3 |
| #S#10647 | 225x15x51 | 3 |
| #S#10648 | 300x20x76.2 | 3 |





Precision External Cylindrical Grinding Wheel

Description:

Surface grinding and external cylindrical grinding wheels, highly developed, with super-abrasives (CBN or diamond) in synthetic resin bonding. The high-strength, vibration-optimised VIB STAR grinding wheel base body permits a high damping for a smooth, even grinding process with high surface quality.

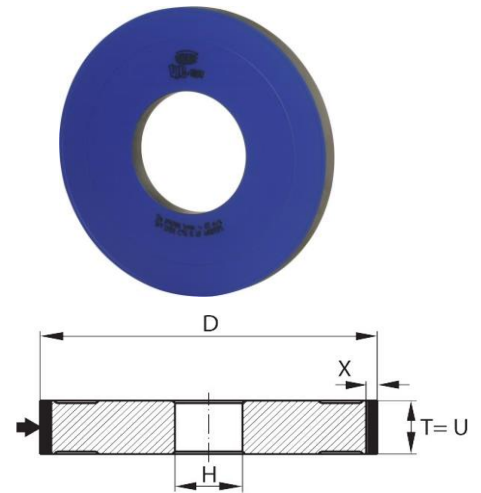
- Extreme performance improvement (G-factor) compared to conventional grinding media.
- The vibration-damping design of the carrier body significantly increases the working life.
- Continuous self-sharpening effect due to even power consumption and avoidance of cyclical sharpening operations.

Diamond coating for high performance grinding of short chipping non-ferrous materials such as carbide, ceramic materials (PCS), hard coatings.

- General use for all materials from a hardness of about 58 HRC (limit of economic use).
- For surface grinding and external cylindrical grinding (straight longitudinal grinding, recess grinding).

| Article No. | Size: DxTxH | X (mm) |
|-------------|-------------|--------|
| #S#10649 | 200x15x51 | 3 |
| #S#10650 | 225x15x51 | 3 |
| #S#10651 | 300x20x76.2 | 3 |

Diamond OSA



Precision Internal Cylindrical Grinding Wheel

Description:

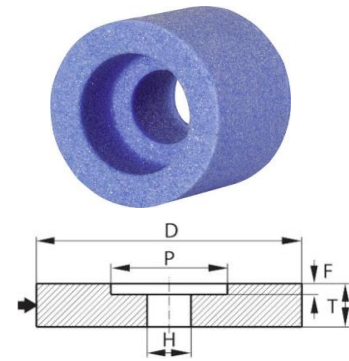
High performance special electro-bonded Aluminium Oxide internal cylindrical grinding wheels in ceramic bonding.

Application:

General use for internal cylindrical grinding, e.g. for grinding through holes, dowel holes.

| Article No. | Size: DxTxH | P(mm) | F(mm) | Qty / Pack |
|-------------|-------------|-------|-------|------------|
| #S#10652 | 20x20x6 | 13 | 7 | 25 |
| #S#10653 | 25x25x10 | 16 | 10 | 10 |
| #S#10654 | 32x32x10 | 18 | 16 | 10 |
| #S#10655 | 40x40x13 | 20 | 20 | 10 |
| #S#10656 | 50x40x16 | 30 | 13 | 10 |

Aluminium Oxide OSA



Grinding Wheel Dresser

Description:

Strong, handy wooden handle. A sturdy metal cage prevents grinding grit and sparks from flying out.

DIAMOND:

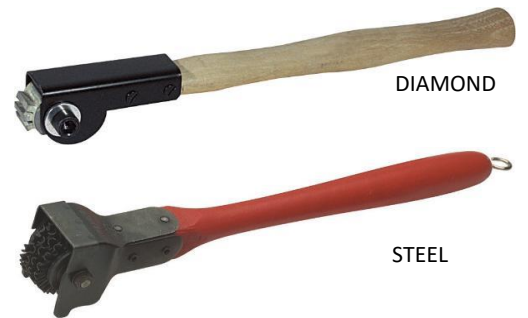
Very high wear resistance, with fixed diamond dressing segments.

STEEL:

SIEVERT grinding wheel dressers with U-shape profile toothed discs made of Swedish steel, hardened and particularly wear-resistant.

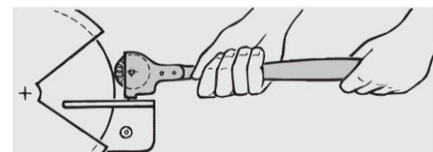
Application: For coarse dressing and sharpening of grinding wheels.

| Article No. | Type | Length(mm) | Wheel Ø(mm) |
|-------------|---------|------------|-------------|
| #S#10657 | Diamond | 420 | 250-600 |
| #S#05449 | Steel | 435 | 250-500 |



Replacement Dressing - Set (Diamond)

| Article No. | Type |
|-------------|---------|
| #S#10658 | Diamond |



Replacement Dressing - Set (Steel)

| Article No. | Type |
|-------------|-------|
| #S#10659 | Steel |



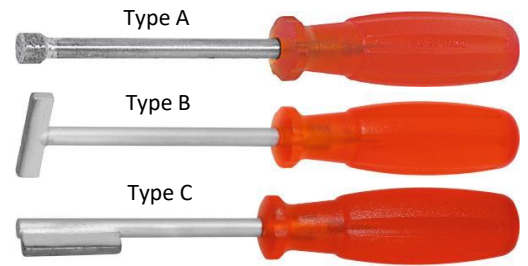


Diamond Grinding Wheel Dresser With Handle

Description:
Braze-on high-quality multi-grit diamond multi-grit dresser with long service life, comfortable plastic handle.

Application:
For precise dressing and profiling of ceramic grinding wheels.

| Article No. | Type |
|-------------|------|
| #S#10660 | A |
| #S#10661 | B |
| #S#10662 | C |

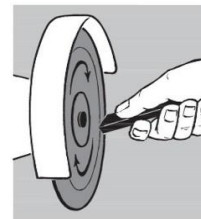


Boron Carbide Grinding Wheel Dresser

Description:
Dressing stone of pure sintered boron carbide (without binding agent), the hardest material after diamond.

Application:
For economical dressing, sharpening, and profiling of grinding wheels. Use only the edges for dressing, never the full face!

| Article No. | Size(LxWxH) | Max Wheel Ø(mm) |
|-------------|-------------|-----------------|
| #S#03795 | 75x12x6mm | 300mm |



Holder With Wooden Handle For Boron Carbide Dresser

Description:
Holder with wooden handle and clamping device.

Suitable for:
Boron carbide grinding wheel dresser No. #S#03795

| Article No. | Length(mm) |
|-------------|------------|
| #S#10663 | 230 |



Diamond dresser cylindrical

Description:
Standard dressing tool for all machines with suitable holders. The dressers are intended to be disposable and should be renewed completely on reaching their wear limit. (They cannot be replaced in the holder.)

Application:
For precision dressing and sharpening of grinding wheels to (re)create a defined condition of the grinding tool (axial and radial run-out, surface structure, grinding behaviour). For one-off and short series manufacture. Ensure sufficient flow of cooling lubrication. Short clamping distances (free length < 2x D) avoid vibration problems.

| Article No. | Carat | Ø D1(mm) | Length(mm) | Wheel Ø(mm) |
|-------------|-------|----------|------------|------------------|
| #S#10664 | 0.4 | 8 | 80 | 125x30 - 250x15 |
| #S#10665 | 0.7 | 10 | 70 | 250x50 - 400x35 |
| #S#10666 | 1.5 | 10 | 70 | 400x100 - 800x50 |
| #S#10667 | 2.4 | 10 | 60 | Max 500 |

