

**73001 - 73002**
**Jeweller's shears**

**Quality**  
Special steel.

**73001**  
Straight handles.

**73002**  
With handle rings.

Overall length mm	Cutting edge	73001	...	73002	...
180	Straight, with screw	101		101	


**73007**
**Special sheet metal shears**

**Quality**  
Nickel-plated.

Overall length mm	Cutting edge	73007	...
100	Straight	101	


**73008**
**Electrician's shears**

**Type**  
PVC handles

Overall length mm	Cutting edge	73008	...
140	Straight	101	


**73030**
**Telephone shears**

**Type**  
Nickel-plated, with wire cutter.

Overall length mm	Cutting edge	73030	...
125	Serrated	101	


**73050 - 73053**
**Paper scissors/workshop shears**

**73050**  
**Paper scissors**  
Nickel-plated, lower blade serrated.

**73053**  
**ATORN®**

**Multi-purpose scissors**  
Blades made of stainless steel, handle made of impact-proof plastics.

**Use**  
For right-hand and left-hand use.

**73052**  
**ATORN®**  
**Workshop scissors**  
Blades polished, handles lacquered.

	Paper scissors	Workshop scissors	Multi-purpose scissors	
Overall length mm	73050	...	73052	...
200	101		101	
210				101
250	103		102	


**73056**
**Household and workshop scissors**

**Type**  
Ergonomic design Handles made of break-proof plastics with **skin-friendly soft rubber insert**. The scissors can be adjusted by means of a screw.  
Suitable for right-hand and left-hand use.

**Quality**  
Stainless steel, ice-hardened.

73056 101



73056 102



73056 103



Overall length mm	73056	...
130	101	
150	102	
250	103	



## Scissors

73060

### Multi-purpose scissors

**Erdi**

#### Type

One blade serrated, cutting head made of stainless steel, with spring and locking mechanism, impact-proof plastic handles.

#### Use

For cutting paper, cardboard, cloth, leather, thin sheet metal, plastic, carpeting, stranded wires, flowers, branches, etc.

73060 101



73060 102



Overall length mm	Cutting edges	73060	...
190	Straight	101	
190	Angled	102	

73065

### Multi-purpose shears Combinox

**Erdi**

#### Type

Ergonomically-shaped handles with soft rubber insert, one-hand locking mechanism, opening spring, integrated wire stripper for wires of 1,0 and 1,5 mm<sup>2</sup> cross section. Wire cutter, attachment eye.

#### Use

For cutting paper, plastics, carpeting, cardboard, wire made of soft materials (not steel), thin sheet copper, aluminium, etc.

#### Quality

All metal parts made of stainless steel.

73065



Overall length mm	73065	...
190	201	

73070

### Multi-purpose continuous shears

**Erdi**

MULTISNIP Longstyle D 22 A

#### Type

2-component grips. Long cutting blade for extra long cuts. Laterally recessed for continuous cuts. Cutting head made of stainless steel drop-forged, tempered. Wear-resistant for long service life thanks to inductively hardened blades. Thanks to the angled head the hand is always guided above the workpiece and the injury hazard is minimised. Double lever action for high cutting performance at low effort.

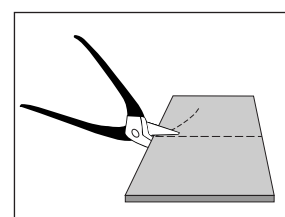
#### Use

Cuts sheet aluminium and sheet copper up to 1,2 mm, sheet metal up to 1 mm, and stainless sheet steel up to 0,8 mm and wire mesh to Ø 1 mm.

#### Quality

Cutting blades made of stainless steel.

73070



Overall length mm	Cutting edge length mm	73070	...
280	64	101	

73075

### Multi-purpose continuous shears

**Erdi**

MULTISNIP Master D 51 A

#### Type

Fibre-glass reinforced plastic handles with soft rubber insert. Long cutting edge for long cuts. Laterally recessed for continuous cuts. Cutting head and all metal parts made of stainless steel, tempered. Thanks to the angled head the hand is always guided above the workpiece and the injury hazard is minimised. One-hand locking device, opening spring.

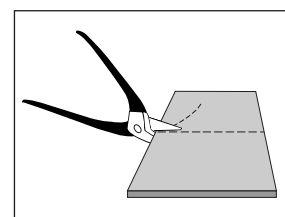
#### Use

Cuts sheet aluminium up to 0,75 mm, sheet copper and sheet metal up to 0,6 mm and stainless sheet steel up to 0,4 mm.

#### Quality

Blades made of stainless steel.

73075



Overall length mm	Cutting edge length mm	73075	...
235	50	101	

## 73080

## Ideal shears

**Erdi****Type**

Extremely manoeuvrable and compact ideal shears. Sheet metal handle with coated handle sleeves and soft material insert.

**Quality**

Cutting blades of special stainless steel (HRC 61).



73080 102



73080 101



73080 101

**Type**

Right-hand use.

73080 102

**Type**

Left-hand use.

Overall length mm	Cutting edge length mm	Cut depth to mm Stainless steel/normal sheet	73080	...
180	20	1,0/1,2	101	
180	20	1,0/1,2	102	

## 73095 - 73096

## Pelican shears

**Erdi****Type**

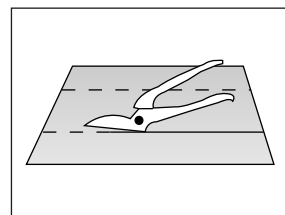
For right-hand use, drop-forged, open-end handles, inductively hardened.

**Use**

For long, straight and continuous cuts. Also suitable for stainless sheet steel.



73096



Overall length mm	Cut depth to mm Stainless steel/normal sheet	Quality steel		Stainless steel	
		73095	...	73096	...
300	1,0/1,2		101		101
350	1,0/1,2				102

## 73099 - 73100

## Tinner's snips (Berlin model)

**Erdi****Type**

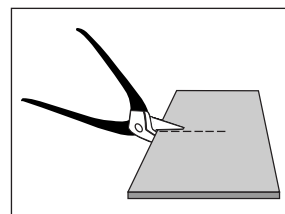
For right-hand use, drop-forged, open-end handles, inductively hardened.

**Use**

For long, straight and continuous cuts. Also suitable for stainless sheet steel.



73100



Overall length mm	Cut width to max. mm	Cut depth to mm stainless steel/steel/copper/Al	Quality steel		Stainless steel	
			73099	...	73100	...
250	50	0,8/1,0/1,2		101		201
300	50	0,8/1,0/1,2		102		202



## Scissors

73103 - 73108

### Hole shears

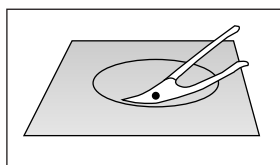
**Erdi**

#### Type

For right-hand and left-hand use. Drop-forged, open-end handles.

#### Use

For short straight cuts, hole cut-outs and shape-cutting.



73103 - 73104

#### Quality

Quality steel.

73105 - 73106

#### Quality

Stainless steel.

73107 - 73108

#### Type

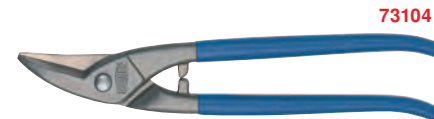
With HSS cutting blades, cutting blade hardness 65-67 HRC, up to 15x longer service life.

#### Use

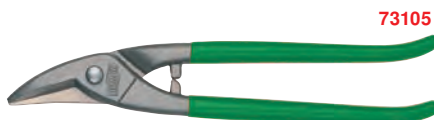
For cutting hard, non-rusting, sheet metals.



73103



73104



73105



73106



73107



73108

	Quality steel right		Quality steel left		Stainless steel right		Stainless steel left		HSS right		HSS left	
Overall length mm	73103	...	73104	...	73105	...	73106	...	73107	...	73108	...
250		101		101		101						
275						102		102		102	#	102
300						103	#	103				

73110 - 73113

### Ideal shears

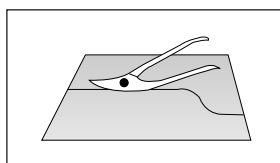
**Erdi**

#### Type

Right-hand or left-hand use, drop-forged, open handles.

#### Use

For use as hole-cutting, figure and continuous shears.



73110 - 73111

#### Quality

Quality steel.

73112 - 73113

#### Use

For cutting stainless sheet metal.

#### Quality

Stainless steel, inductively hardened.



73110



73111



73112



73113

	Quality steel right		Quality steel left		Stainless steel right		Stainless steel left	
Overall length mm	73110	...	73111	...	73112	...	73113	...
260							101	101
280		102		102		102	102	# 102



## 73117

## Figure Shears DIN 6438

## Type

Straight cutting, with lever-action.  
Ergonomic, 2-component handles.

## Use

Cuts sheet metal up to 1,2 mm and stainless steel up to 0,7 mm.

## Quality

Blades made of forged chrome-vanadium steel, serrated, inductively hardened.



73117

Overall length mm	73117	...
250	201	

## 73130 - 73131

## Continuous Shears with lever action

## Erdi

## Type

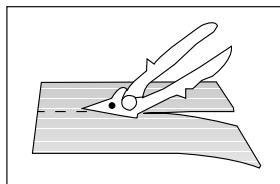
For right-hand and left-hand use. Self-opening handles, with locking device, heavy-duty rugged design, cutting head drop-forged, double-hardened blades, finely serrated. Ergonomically shaped handle with slide-off guard, plastic-coated with soft material insert.

## Use

For long, straight cuts, for cutting sheet metal up to 1,2 mm (stainless sheet steel up to 1,0 mm).

## Quality

Cutting head made of stainless steel.



73130



73131

Overall length mm	Right		Left	
	73130	...	73131	...
260	101		101	

## 73133 - 73134

## Figure shears with lever-transmission

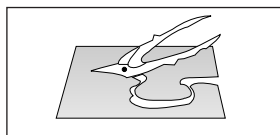
## Erdi

## Type

For right-hand and left-hand use. Self-opening handles, with locking device, heavy-duty rugged design, cutting head made of stainless steel, drop-forged, double-hardened blades, finely serrated. Ergonomically shaped handle with slide-off guard, plastic-coated with soft material insert.

## Use

For shape cutting (also for narrow radii) and short, straight cuts, for cutting sheet metal up to 1,2 mm (stainless sheet steel up to 1,0 mm).



73133



73134

Overall length mm	Right		Left	
	73133	...	73134	...
260	101		101	

## 73138 - 73139

## Ideal shears with lever transmission

## HHW

## Type

Ergonomic, 2-component handles. Self-opening handles, with locking device.

## Use

Cuts sheet metal up to 1,2 mm and stainless steel up to 0,7 mm. For shape cutting and short, straight cuts.

## Quality

Blades made of forged chrome-vanadium steel, serrated, inductively hardened.



73138



73139

Overall length mm	Left		Right	
	73138	...	73139	...
240	101		101	



## Scissors

### 73140 - 73145

### Ideal shears with lever transmission

**Erdi**

#### Type

For right-hand and left-hand use, drop-forged, open-end handles.

#### Use

For use as hole-cutting, figure and continuous shears.

#### Quality

Cutting head made of stainless steel.

#### 73140 - 73141

##### Type

Lightweight, practical design, made of stainless steel drop-forged, blades double hardened, with fine serration, pressed steel handles, plastic grips with slip protection and soft rubber insert.

##### Use

For cutting sheet steel up to 1,2 mm thickness (stainless steel sheeting up to 1,0 mm).

#### 73142 - 73143

##### Type

Self-opening handles, with locking device, rugged design, cutting head made of stainless steel, drop-forged. Blades double hardened, with fine serration, pressed steel handles with slip protection and soft rubber insert, PVC-coated.

##### Use

For cutting sheet steel up to 1,2 mm thickness (stainless steel sheeting up to 1,0 mm).

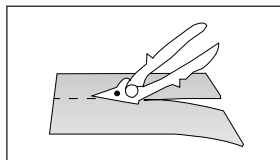
#### 73144 - 73145

##### Type

Like cat.-no 73142-143, however **with solid steel handles and slip guard**. Rugged design for industrial use.

##### Use

For cutting sheet steel up to 2,0 mm thickness (stainless steel sheeting up to 1,2 mm).



73140



73141



73142



73143



73144



73145

	Right			Left			Right			Left			Right			Left	
Overall length	73140	...		73141	...		73142	...		73143	...		73144	...		73145	...
mm																	
230		101			101												
240														101			101
260							101			101							

### 73146 - 73149

### High-performance ideal shears with lever transmission

**Erdi**

#### Type

For right-hand and left-hand use, drop-forged, open-end handles.

#### Use

For use as hole-cutting, figure and continuous shears.

#### 73146 - 73147

##### Type

Cutting head drop-forged, handles with soft rubber insert and slip protection. **With soldered-on HSS cutting blades**, for maximum stress, up to 15-x longer service life.

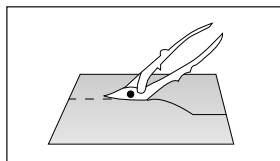
#### 73148 - 73149

##### Type

Cutting head drop forged, **with soldered-on HSS cutting edges with titanium-nitride (TiN) coating**. Hardness at least 2300 HV, thanks to the hard and smooth surface improved gliding characteristics, reduced tendency to form build-up edges, considerable improvement of service life when compared to HSS.

##### Use

Specially for cutting hard, stainless steel. For straight, continuous cuts and shape cutting.



73146



73147



73148



73149

	HSS right			HSS left			HSS/TiN right			HSS/TiN left		
Overall length	73146	...		73147	...		73148	...		73149	...	
mm												
260		101			101			101		#	101	

## 73150 - 73151

## Ideal shears

**Erdi****Type**

For right-hand and left-hand use. Made of stainless steel, drop-forged. The optimal balance of lever action and cutting geometry reduces the necessary force by another 25%. Easy on the hand, ergonomically-shaped handle with soft material insert. Cuts stainless sheet steel up to 1,0 mm, sheet steel up to 1,2 mm, beadings up to 1,8 mm, sheet copper and aluminium up to 1,8 mm, wire netting up to wire Ø 1 mm.

**Use**

For straight, continuous and figure cuts.



Overall length mm	Right 73150	...	Left 73151	...
260		101		101

## 73161

## Mitre shears

**LOWE****Type**

With 2 stops of 45° and graduation markings for 15°, 30°, and 90°.

**Use**

For mitre cutting strips and profiles made of plastics, rubber or wood. All parts can be easily replaced.



	73161	...
Mitre shears cpl.		101
Spare blade		102
Spare support	#	103

## 73168

## Strip steel shears

**Type**

Forged from one piece. Cutting blades inductively hardened (58-61 HRC). Plastic-coated handles.

**Use**

For steel packing strips to 0,8 x 28 mm.



Overall length mm	73168	...
305		101

## 73169

## Safety strip steel shears

**ATORN®****Type**

With lever-action.

With hold-down elements to prevent recoil of the packing strap. Comfortable handle sleeves slip guard.

**Use**

For cutting steel and plastic packing strap.



Overall length mm	For strap width to mm	For strap thickness to mm	73169	...
250	25	0,5		101
600	50	1,2		102

## 73170

## Safety strip steel shears

**Erdi****Type**

With lever-action.

Cutting head made of fine cast steel, tempered. Cutting edge inductively hardened. Small design for one-hand operation. The flat lower section can easily be slid under the taut steel tape. **2-component non-slip handles.**

**Use**

For hardened steel tape up to a width of 32 mm and a thickness of 1,0 mm.

**Quality**

Special stainless steel.

**Note:**

The clamping device prevents the ends of the steel tape from springing back when cut, –therefore significantly less risk of injury.



Overall length mm	73170	...
260		101



## Scrapers

### 73171 - 73172

### Multi-purpose shears (nibblers)

**Erdi**

73171

**Universal Shears**

**Type**

Head with open cutting matrix for easy exit of sheet metal, with chip clipper and chip protection device.

Ergonomically-shaped 2-component non-slip handles.

**Use**

For warp-free cuts up to 1,2 mm in sheet metal up to max. 400 N/mm and 0,8 mm in stainless sheet steel up to max. 800 N/mm.



73171

Overall length mm	73171	...	73172	...
265		101		
Spare blade				102



73172



### 73270 - 73275

### Safety scrapers

73270

**Type**

With cover and non-slip handle.

**Use**

For cleaning smooth surfaces.

73275

**Spare blades.**

Pack = 5 pcs.

	Scraper	...	Spare blades	...
Blade width mm	73270		73275	
88		101		101



73270

73275



### 73280

### Blade scrapers

73280 101

**Scrapex Argentax**

**Type**

With large rounded handle and protective cap over the blade.

**Use**

For removing residues from all smooth surfaces.

73280 201

**Scrapex Cleany**

**Type**

Plastic with retractable blade.

**Use**

For cleaning all smooth surfaces

73280 102

**Razor blade**

Spare blades for Scrapex Argentax and Cleany.

	Blade width mm	73280	...
Blade scraper Argentax	39		101
Blade scraper Cleany	39		201
Spare blades à 10 pcs.	39		102



73280 101



73280 201

73280 102



### 73300 - 73302

### Triangular scrapers

**Type**

With wooden handle and ground working surface.

**Quality**

Tool steel.

73300

**Hollow scrapers**

In accordance with DIN 8350 C.

	Hollow scrapers	
Blade length mm	73300	...
100		101
150		102
200		103
250		104
300		105

	Solid ground scraper	
Blade length mm	73302	...
100		101
150		102
200		103

73302

**Solid ground scrapers**

In compliance with DIN 8350 B.



73300



73302

### 73305

### Flat scrapers DIN 8350 A

**Type**

With wooden handle and ground working surface.

**Quality**

Tool steel.

Blade length mm	Blade width mm	73305	...
100	20		101
150	20		102
200	20		103
250	25		104
300	25		105



73305



73306

## Flat scraper



Quality  
Special steel, galvanised.

## Type

Square blade with plastic handle, black.

Blade length mm	Blade width mm	73306	...
150	23		101
55	23		102



73306 102



73308 - 73310

## Carbide flat scraper



73310  
Spare carbide plates.

73308

## Type

With replaceable carbide blade,  
spring-loaded shank and wooden handle.



73308

Cutting edge width mm	Overall length mm	Shank thickness mm	Cutting edge length x -thickness mm		Flat scraper		Spare carbide plates	
					73308	...	73310	...
20	410	5	25 x 2	-			101	
25	465	5	25 x 2	-			102	
30	465	5	25 x 2	-			103	
20	-	-	25 x 2	5 pcs.				101
25	-	-	25 x 2	5 pcs.				102
30	-	-	25 x 2	5 pcs.				103

73311

## Scraper set

## Type

Practical storage system thanks to changeable blades shapes Easy blade replacement by loosening the knurled screw on the chuck of the scraper handle.

## Scope of supply:

x 2-component scraper handle, 1 x professional grade multi-purpose knife, 5 x trapezoidal blade, 5 x blades 12 mm wide/straight, 5 x blades 16 mm wide/straight,

5 x blades 20 mm wide/straight, 5 x blades 16 mm wide/oblique 53°.

## Use

Ideal for removing stickers, seals, and adhesive residues, e.g. on windscreens.

Contents	73311	...
27-piece		101



73311

73312

## Universal Scrapers

## Type

With easy-to-exchange blade.

## Use

For removing remnants of seals and adhesives, foils, stickers.

	73312	...
Scraper incl. 10 Spare blades		201
10 Spare blades, with 12 mm		202



73312 201



73312 202

73315

## Toolmaker's scraper



Quality  
Vanadium-extra steel.

## Type

Finely polished, with hollow blade, sheathed to the tip, plastic handle with hand guard.

Blade length mm	Overall length mm	73315	...
80	165		101



73315

73316

## Precision scraper

## Type

Three-edged hollow profile scraper, with black plastic cap and black plastic handle.

Blade length mm	Blade width mm	Weight approx. g	73316	...
25	8	40		101



73316



## 73317 - 73318

## Pocket paint scraper ERGO



## 73317 101

## Type

Ergonomically-shaped pocket paint scrapers. Two-component handle for comfortable handling. Narrow front with thumb indentation for higher precision. Complete with triangular blade and quiver.

## Use

Especially for high-precision work, e.g. on windows or in hard-to-reach places. Carbide blades for scraping off paint, glue, varnish, and rust of any surface, e. g. wood, metal, and concrete.

## Note:

Spare triangular blade see cat.-no 73318 104.

## 73317 102

## Type

Ergonomically-shaped multi-purpose paint scraper. Two-component handle for comfortable handling. Narrow blade mount for better access to hard-to-reach places.

## Use

Carbide blades for scraping off paint, glue, varnish, and rust of any surface, e. g. wood, metal, and concrete.

## Note:

Straight spare blade see cat.-no 73318 105.

## 73318 104

## Triangular blade

## Type

The spare blade made of Coromat carbide prevents scratches and gouges and has an up to 50 times longer service life.

## Use

For pocket paint scraper cat.-no 73317 101. Can be used on three sides. For removal of paint, varnish, and rust.

## 73318 105

## Straight blade

## Type

The spare blade made of Coromat carbide prevents scratches and gouges and has an up to 50 times longer service life.

## Use

For universal paint scraper cat.-no 73317 102. Can be used on both sides. For removal of paint, varnish, and rust.



73317 101



73317 102



73318 104



73318 105

	Working width mm	Scraper		Spare blade	
		73317	...	73318	...
Scraper 625	25		101		
Scraper 650	50		102		
Triangular blade	25				104
Straight blade	50				105

## 73320 - 73323

## Triangular scraper (adjustable)



## Type

Holder made of steel, nickel-plated, forged blade, can be slid in holder, can be used on both sides.

## Use

For precise clean work.

## Quality

Vanadium-extra steel.

## 73320

## Scraper complete

73320

## 73323

## Spare blade.

73323

Holder length mm	Blade length mm	Scraper		Spare blade	
		73320	...	73323	...
95	-		101		
-	85				101



## 73330

## Triangular curved scrapers

## Type

With wooden handle and ground working surface.

## Quality

Tool steel.

Blade length mm	Length of scraping part mm	73330	...
200	85		101



73330

## 73337

## O-ring remover

## Type

Blade of high-quality stainless steel. Tips offset, flattened, rounded, and polished.

## Use

Especially suitable for removing O-rings and seals.

Blade Ø mm	Overall length mm	Blade length mm	73337	...
3	170	100		101



73337

## 73340

## Set of hooks

## Use

Ideal for removing and inserting O-rings and seals.

Contents	
1 of each	hook tool, straight
1 of each	hook tool, S-shape
1 of each	hook tool, 90°,
1 of each	hook tool round.

Contents	Type	73340	...
4-piece	in pouch		101



73340

## 73400 - 73402

## Deburring tools

### Use

For precise deburring tasks on bores, as well as straight, concave and convex edges.

### Note:

Spare blades cat.-no 73405.

### 73400

#### Deburring tool set B

##### Set contents:

Universal plastic handle EL 1000 with adjustable blade holder B for blades with shank Ø 2,6 mm. Including rotating HSS blades B 10 and B 20.

73400

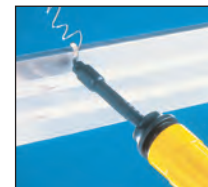


### 73402

#### Blade holder B, laterally adjustable.

For all rotating blades, shank Ø 2,6 mm.

73402



Type	Length mm	Deburring set		Blade holder B	
		73400	...	73402	...
B set	-		101		
Blade holder B	131				101

## 73405

## Spare blades B, shank Ø 2,6 mm

### Use

For cat.-no 73400-73402.

### Note:

Plastic handles see cat.-no 73469. Spare blade holder B see cat.-no 73402.

### 73405 101

#### Shape B 10, HSS

For normal deburring tasks on steel, aluminium and plastic.

### 73405 102

#### Shape B 10 L, HSS

For left-hand use.

### 73405 103

#### Shape B 10, TiN-coated

For increasing the service life.

### 73405 104

#### Shape B 10, plus

For stainless steel.

### 73405 105

#### Shape B 10 C, solid carbide

For stainless steel and plastics.

### 73405 106

#### Shape B 20, HSS

For regular deburring of brass and cast iron. Suitable for right-hand and left-hand use.

### 73405 108

#### Shape B 30, HSS

For simultaneous deburring of internal and external edges.

### 73405 109

#### Shape B 60, HSS

For cross bores in difficult-to-reach areas.

Form		73405	...
B 10 HSS	10 pcs.		101
B 10 L, HSS left	10 pcs.		102
B 10 TiN	10 pcs.		103
B 10 plus	10 pcs.		104
B 10 C VHM	10 pcs.		105
B 20 HSS	10 pcs.		106
B 30 HSS	10 pcs.		108
B 60 HSS	10 pcs.		109

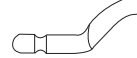
73405 101

73405 105



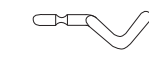
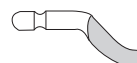
73405 102

73405 106



73405 103

73405 108



73405 104

73405 109



## 73410

## Deburring tools set E

### Set contents:

Universal plastic handle EL 2100 with adjustable blade holder E for blades with shank Ø 3,2 mm. Including rotating HSS blades E 100, E 200 and E 300.

### Use

For medium-duty and heavy-duty deburring tasks on bores, as well as on straight, concave and convex edges.

### Note:

Spare blades see cat.-no 73420.

Spare blade holder see cat.-no 73417.

73410



Type	73410	...
E-set		101



## 73413

## Compact set EL 6000

### Set contents:

Compact handle EL 2100 with wear-resistant blade holder made of steel for shank Ø 3,2 mm. Rotating HSS blades E 100, E 200 and E 300 included.

### Use

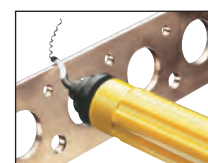
For deburring of workpiece surfaces, when a blade holder, which is adjustable in length, is not needed.

### Note:

Spare blades cat.-no 73420.

Plastic handle see cat.-no 73469.

73413



Type	73413	...
EL 6000 set		101



## Deburring tools

73415

### Quick-action deburrer RB 1000

#### Type

Aluminium handle with exchangeable HSS blade  
E 100.

#### Use

For universal deburring tasks.

#### Note:

Spare blades cat.-no 73420.

73415



Type	73415	...
RB 1000 set		101

73417

### Blade holder E

#### Use

For all rotating blades, shank Ø 3,2 mm.

73417

Type	Length mm	73417	...
Blade holder E	131		101



73490

### Deburrer handle

#### Type

SOFTGRIP handle with twin blade holder for all  
blades with 2,6 mm and 3,2 mm shank.

73490

Type	for blades cat.-no	73490	...
SG 3000	73405, 73420, 73476, 73478, 73479		201



73420

### Spare blades E, shank Ø 3,2 mm

#### Use

For cat.-no 73410 to 73417.

#### Note:

Plastic handles see cat.-no 73469.

Spare blade holder see cat.-no 73417.

#### 73420 101

##### Shape E 100, HSS

For heavy-duty deburring tasks on steel,  
aluminium and plastic.

#### 73420 102

##### Shape E 100 L, HSS

For left-hand use.

#### 73420 103

##### Shape E 100, TiN-coated

For increasing the service life.

#### 73420 104

##### Shape E 100, plus

Particularly suitable for stainless steel.

#### 73420 105

##### Shape E 100 C

With carbide blade for stainless steel and plastics.

#### 73420 107

##### Shape E 101

With thick shank and thin cutting edge for steel,  
aluminium and plastics.

#### 73420 108

##### Shape E 101 L

For left-hand use.

#### 73420 109

##### Shape E 101, TiN-coated

For increased service life.

#### 73420 110

##### Shape E 150, HSS

With thick shank and thin cutting edge for  
small bores above 1,2 mm Ø.

#### 73420 111

##### Shape E 200, HSS

For heavy-duty deburring of brass and cast iron.  
Suitable for right-hand and left-hand use.

#### 73420 113

##### Shape E 202, HSS

With thick shank and thin cutting edge for brass and  
cast iron.

#### 73420 114

##### Shape E 300, HSS

For simultaneous deburring of heavy internal and  
external edges of borehole in sheet metal and  
tubing.

#### 73420 115

##### Shape E 350, HSS

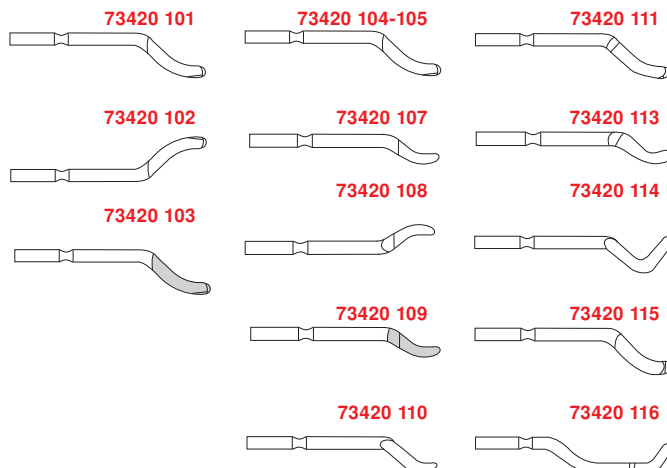
For heavy burrs on straight edges.

#### 73420 116

##### Shape E 600, HSS

For heavy burrs on cross bores.

Shape		73420	...
E 100, HSS	10 pcs.		101
E 100 L HSS, left	10 pcs.		102
E 100, TiN	10 pcs.		103
E 100 plus	10 pcs.		104
E 100 C	10 pcs.		105
E 101	10 pcs.		107
E 101 L, left	10 pcs.		108
E 101 TiN	10 pcs.		109
E 150, HSS	10 pcs.		110
E 200, HSS	10 pcs.		111
E 202, HSS	10 pcs.		113
E 300, HSS	10 pcs.		114
E 350, HSS	10 pcs.		115
E 600, HSS	10 pcs.		116





## 73476

## Deburring tools

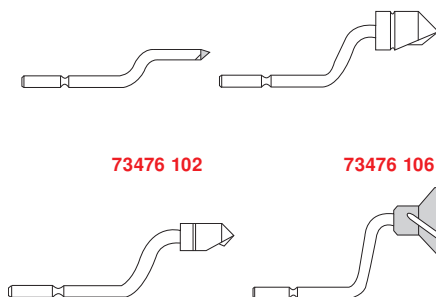
### Use

For crank countersinks and bevellers.

Type	Ø mm	73476	...
BC 3200 for borehole	3,2	#	101
BC 6300 for borehole	6,3		102
BC 1040 for borehole	10,4		104
BC 1650 for borehole	16,5		105
EX 2000 for outer Ø	18,0		106

73476 101

73476 104-105



## 73478

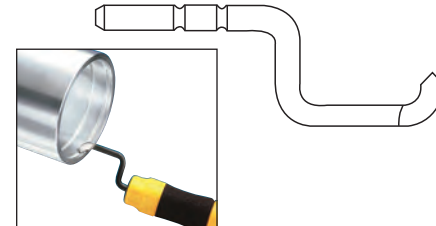
## Recess deburrer blade type BO 1000

### Use

For deburring grooves for O-rings on inside diameters.

Type	73478	...
BO 1000		102

73478



## 73479

## Deburring blade type BC 1000

### Use

For cleaning and deburring of internal threads with min. Ø 9 mm - all pitches. For all 55° and 60° thread flanks.

Type	73479	...
BC 1000		102

73479



## 73425 - 73430

## Deburring countersink set EL 1300

### Use

For deburring and bevelling of bores up to 30 mm Ø.

### 73425

#### Deburring tool EL1300

#### Set contents:

Multi-purpose plastic handle EL 1000 with adjustable blade holder C and HSS countersink head C 20.

### 73428

#### Spare blade holder C

For all countersinks type C, with M7 external thread.

### 73430

Spare countersink type C HSS, 90°.

73425



73428



73430 101

73430 102

73430 103



Type	Length mm	Ø mm	Deburrer set 73425	...	Blade holder C 73428	...	Countersink C 73430	...
Deburring countersink EL 1300	-	-	101					
Blade holder C	131	-			101			
Countersink C 12	-	12						101
Countersink C 20	-	20						102
Countersink C 30	-	30						103



## Deburring tools

### 73435 - 73436

### Mini deburrer

**Type**  
With Softgrip holder.

**73435**  
**Mini set FT 3000**

**3-part.**

**Set contents.**

1 crank countersink,  
1 triangular scraper,  
1 multi-purpose deburrer.

**73436 101**  
**Crank countersink**  
**Use**  
For boreholes up to 3,2 mm Ø.

**73436 102**  
**Triangular scraper**  
**Use**  
For delicate and difficult work.

**73436 103**  
**Multi-purpose deburrers**  
**Use**  
For boreholes, edges and contours.



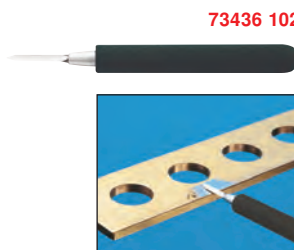
73435

Type	73435	...
Set FT 3000	101	

Type	73436	...
Crank countersink	#	101
Triangular scraper		102
Multi-purpose deburrer		103



73436 101



73436 102



73436 103

### 73440 - 73446

### Groove deburrer set EL 1400

**Use**  
For deburring length grooves, slots and keyways in shafts and hubs.

**73440**  
**Groove deburrer EL 1400**

**Set contents:**

Multi-purpose plastic handle EL 1000 with adjustable blade holder N and 1 HSS blade N 80 K.

**73446**  
**Spare HSS blades type N.**



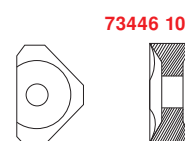
73440



73446 101



73446 102



73446 103

Type	Groove width mm	Deburrer set		Blades N	
		73440	...	73446	...
Groove deburrer EL 1400	-	101			
N 70 K	1,2 - 8				101
N 80 K	2,4 - 11				102
N 90 K	3,0 - 15				103

### 73450 - 73455

### Maxi triangular scraper set EL 1601

**Use**  
For local material removal and for deburring in hard-to-reach places

**73450**  
**Maxi triangular scraper set EL 1601**

**Set contents:**

Multi-purpose plastic handle EL 1000 with adjustable blade holder T and 1 HSS three square scraper blade T 60 with external thread.

**73453**  
**Spare blade holder T**  
with internal thread.

**73455**  
**Spare triangular scraper blades type T, HSS**  
with external thread.



73450



73453



73455 101



73455 102



Type	Length mm	Size mm	Set		Holder		Blades	
			73450	...	73453	...	73455	...
EL 1601	-	-	101					
Blade holder T	112	-			101			
T 40, HSS	-	5 x 40						101
T 60, HSS	-	7 x 60						102

## 73460 - 73461 Edge deburrer set EL 1700

### Use

For 45° lands on workpiece edges.

#### Set contents for 73460

- 1 Multi-purpose plastic handle EL 100 with adjustable blade holder EL 0750,
- 1 Adjustment screw for chamfer size, guide element is permanently connected to the blade holder,
- 1 Blade L-1.



73460

### 73461

Spare blade holder EL 0750.

Type	Deburring set 73460	...	Blade holder 73461	...
Deburrer set EL 1700		101		
Blade holder EL 0750			101	



73461

## 73463 - 73464 Double deburrer DB

### 73463

#### Type

Plastic handle with hand guard and 2 HSS cutting discs N 80.

#### Use

For simultaneous deburring on both sides in narrow strips up to 12 mm, of sheet metal parts and for deburring of edges. Suitable for almost all materials. By turning further, the cutting discs can be used on the full circumference of both edges.



73463

### 73464 102

For stainless steel.

Type	Pack= pcs.	Deburrer 73463	...	Cutting disc 73464	...
Deburrer DB	-		101		
Spare cutting disc N 80	10				101
Spare cutting disc N 80 M 42	10				102



73464 101



73464 102

## 73465 Deburring tool set

### Use

For precise, safe and quick deburring of boreholes, straight, concave and convex edges and sheet metal.

#### Set contents

- 1 Multi-purpose plastic handle EL 1000,
- 1 Blade holder B with
- 1 HSS blade B 10 for normal deburring tasks, for steel, aluminium and plastic
- 1 HSS blade B 20 for normal deburring tasks, for brass and cast iron
- 1 Blade holder type E with
- 1 HSS blade E 100 for heavy-duty deburring tasks on steel, aluminium and plastic.
- 1 HSS blade E 200 for heavy-duty deburring tasks on steel, aluminium and cast iron.
- 1 HSS blade E 300 for heavy-duty deburring tasks, for bores in sheet metals and pipes
- 1 Blade type N with
- 1 HSS blade, for 2,4 - 11 mm
- 1 Blade type C with
- 1 HSS countersink head C 20, 20 mm Ø
- 1 Blade holder type D with
- 2 HSS triangular scrapers 3,2 x 50 mm
- 1 Blade D 66 for inside and transverse bores
- 1 Blade D 50 for precision deburring tasks with protective cap
- 1 Double deburrer DB 2000 with
- 2 HSS cutting discs for narrow workpieces and sheet metal elements with spare screws and pin spanner

Type	73465	...
In plastic case		101



73465



## 73466

## Deburrer tool sets

### 73466 101

#### Deburring tool set E.

For medium-duty and heavy-duty deburring tasks on bores, as well as on straight, concave and convex edges.

#### Set contents 73466 101

1	Multi-purpose plastic handle EL 1000,
1	With blade holder E for blades with shank Ø 3,2 mm, 3 HSS blades, for heavy-duty deburring tasks:
1	Blade E 100 for steel, aluminium and plastic,
1	Blade E 200 for brass and cast-iron,
1	E 300 for bores in sheet metal elements and pipes,
10 of each additional blades E 100 and E 200	
10	Blades E 300 for heavy burrs on straight edges.

#### Note:

Spare blade E (shank Ø 3,2 mm) see cat.-no. 73420.

### 73466 102

#### Deburring tool set B.

For precision deburring on bores as well as on straight, concave and convex edges.

#### Set contents 73466 102

1	Multi-purpose plastic handle EL 1000,
1	Blade holder B for with shank diameter Ø 2,6 mm, 2 HSS blades, for normal deburring tasks:
1	Blade B 10 for normal deburring tasks, for steel, aluminium plastic,
1	Blade B 20 for brass and cast-iron,
10 of each additional blades B 10 and B 20.	

#### Note:

Spare blades B (shank Ø 2,6 mm) see cat.-no 73405.

73466 101



73466 102



## 73468

## Deburrer tool set EL-7000

#### Set contents

1	EL-1200 E set
1	EL-1100 B set
1	EL-1300 Deburring countersink
1	EL-1400 Groove deburrer
1	EL-1501 Inner deburrer
1	EL-1601 Maxi triangular scraper
1	EL-RB1000 Quick-action deburrer

73468



#### Type

#### Contents

#### Type

73468

...

EL-7000

7-piece

in case

101

## 73469

## Plastic handles

#### Type

Length 112 mm, Ø 25 mm. Blade magazine inside the handle.

### 73469 101

#### Type EL 1000

#### Use

For blade holder B, C, D, E, L, N and T.

### 73469 102

#### Type EL 2100 compact handle

#### Use

For direct accommodation of rotating blades with 3.2 mm Ø (cat.-no 73420) and offset blades cat.-no 73476 and 73478 102.

73469 101



73469 102



## 73350

## Ceramic deburrer

### 73350 101

#### KERAMICUT CR 2000

#### Type

Long service life thanks to wear-resistant ceramic blade (thickness 1,7 mm). Obtuse cutting edge angle, therefore no risk of injury.

#### Use

For damage-free deburring without substandard plastic parts or non-ferrous metal parts e.g. aluminium. For precision deburring on bores as well as on straight, concave and convex edges.

73350



### 73350 102

#### Spare ceramic blade.



73350

...

Ceramic deburrer

101

Spare ceramic blade

102



## 73351

## Roto ceramic deburrer

### 73351 101

#### Type

Keramicut Roto 65°, ideal for deburring soft plastics. For deburring straight, concave and other contours. The blade in the innovative Roto chuck follows the contour of the workpiece. With replaceable ceramic blade GT-CR6000.

### 73351 102

#### Type

Keramicut Roto 75°, ideal for deburring hard plastics. For deburring straight, concave and other contours. The blade in the innovative Roto chuck follows the contour of the workpiece. With replaceable ceramic blade GT-CR6100.

### 73351 201

#### Type

GT-CR6000, replaceable ceramic blade for soft plastics. Cutting angle 65°, hardness 1250HV. Fits in round handle EL-5000.

### 73351 202

#### Type

GT-CR6100, replaceable ceramic blade for hard plastics. Cutting angle 75°, hardness 1250HV. Fits in round handle EL-5000.

73351 101-102



73351 201-202



Type	73351	...
Keramicut Roto 65		101
Keramicut Roto 75		102
Ceramic blade GT-CR6000	#	201
Ceramic blade GT-CR6100	#	202

## 73480

## Triangular scraper SC 8000

### 73480 201

#### Type

Triangular scraper SC 8000 with double-sided, hollow-ground scraper blade 4 x 90 mm. Projection of the blade is adjustable.

### 73480 202

Spare triangular scraper blade type T 80, double-sided.

73480 201



73480 202



Type	73480	...
SC 8000		201
Blade T 80/4x80		202

## 73481 - 73483

## Backwards deburrer

### 73600

#### Use

For deburring front and back ends of boreholes. The deburring blade can be aligned upright by pressing the head of the tool.

### 73481

EL-RC3000 DRILLING patented.

#### Type

3-piece. 1 ea. backwards deburrer for Ø 3 - 5,5 / 5 - 10 / 10 - 22 mm. Allen screwdriver for exchanging the blade is in the shank. In storage box.

### 73482 102

#### Type

Swivel HSS blade BR2000 for Ø 5,5 - 10 mm. With retractable blade and Allen key for changing the blade.

### 73482 103

#### Type

Swivel HSS blade BR2200 for Ø 10 - 22 mm. With retractable blade and Allen key for changing the blade.

### 73483

Spare blades for reverse deburrer cat.-no. 73481-73482.

73481



73482

### 73482 101

#### Type

Swivel HSS blade BR1000 for Ø 3 - 5,5 mm. With retractable blade and Allen key for changing the blade.

Application range Ø mm	Set		Single		Spare blades	
	73481	...	73482	...	73483	...
3 - 22		101				
3 - 5,5				101		101
5,5 - 10				102		102
10 - 22			#	103	#	103



73610 - 73612 For sheet metal plates and round steel.

**Type**  
Robust stable structure of quality steel. Levers with powerful springs facilitate cutting. The high-quality, non-sensitive cutting blades are hardened and tempered.

**Use**  
For sheet metal plates and round steel.

**Note:**  
Long cutting blades 300, 400, or 500 mm and round blades available on request.

73611  
Spare upper blade.

73612  
Spare lower blade.



Model	Cutting edge length mm	Cutting capacity Plates	Cutting capacity round steel	mm Sheet metals	Weight kg	Metal shears		Upper blade		Lower blade	
						73610	...	73611	...	73612	...
2BR4	120	4	11	50 x 4	8	F	201	#	201		201
2BR5	150	5	11	60 x 5	10	F	202	#	202		202
2BR6	180	6	13	70 x 6	18	F	203	#	203	#	203



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Performance requires quality