

73001 - 73002

Jeweller's shears

Type
Straight blades, with screw.
Quality
Special steel.

73001
Straight handles.
73002
With finger holes.



Overall length	73001	...	73002	...
mm				
	180		101	101

73007

Special sheet metal shears

Type
Straight blade, length 100 mm.

Quality
Nickel-plated.

Overall length	73007	...
mm		
	100	101



73008

Electrician's scissors

Type
Straight blade, overall length 140 mm,
PVC handles.

Overall length	73008	...
mm		
	140	101



73030

Telephone wire cutters

Type
Nickel-plated. Serrated blade, with wire cutter.

Overall length	73030	...
mm		
	125	101



73050 - 73053

Paper scissors/Multi-purpose scissors

73050
Paper scissors
Nickel-plated, lower blade serrated.

73053
ATORN®

73052
ATORN®
Scissors
Blades polished, handles lacquered.

Multi-purpose scissors
Blades made of stainless steel, handle made of impact-proof plastics.
Application
For right-hand and left-hand use.

	Paper scissors	Workshop scissors	Multi-purpose scissors
Overall length	73050	...	73052 ... 73053 ...
mm			
	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.

Overall length	73056	...
mm		
	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.

Application

For cutting paper, cardboard, cloth, leather, thin sheet metal, plastics, carpeting, flex, flowers, branches, etc.

73060 101

With straight blades.

73060 101



73060 102

With offset blades.

73060 102



Overall length	73060	...
mm		
190		101
190		102

73065

Multi-purpose shears Combinox

Erdi

Type

Ergonomically-shaped handles with soft rubber insert, one-hand locking device, opening spring, integrated wire stripper for wires of 1,0 and 1,5 mm² diameter. Wire cutter, attachment eye.

Application

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.

Overall length	73065	...
mm		
190		201



73065



73070

Multi-purpose continuous shears

Erdi

MULTISNIP Longstyle D 22 A

Type

2-component grips. Blade length 64 mm 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 offset cutting head, the hand stays above the workpiece and the danger of injury is reduced. Double lever action for high cutting performance at low effort.

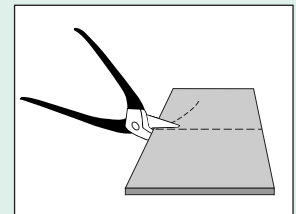
Application

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. Wire netting up to Ø 1 mm.

Quality

Cutting blades made of stainless steel.

Overall length	73070	...
mm		
280		101



73070



73075

Multi-purpose continuous shears

Erdi

MULTISNIP Master D 51 A

Type

Fibre-glass reinforced plastic handles with soft rubber insert. Blade length 50 mm for extra long cuts. Laterally recessed for continuous cuts. Cutting head and all metal parts made of stainless steel, tempered. Thanks to the offset cutting head, the hand stays above the workpiece and the danger of injury is reduced. One-hand locking device, opening spring.

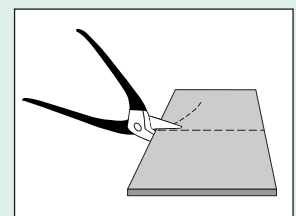
Application

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.

Overall length	73075	...
mm		
235		101



73075



73080

Ideal shears

Erdi

Type

For right-hand use. Extremely manoeuvrable and compact Ideal shears, 2-x ratio. Sheet metal handle with plastic-coated grips and soft rubber insert. Overall length 182 mm, cutting edge length 20 mm.

Application

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

Quality

Cutting blades made of special stainless steel (HRC 61).

NEW

73080



Total length	73080	...
mm		
182		101



73095 - 73096

Continuous shears

Erdi

Type

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

Application

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

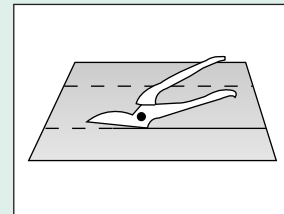
73095

Quality steel.

73096

Stainless steel.

73096



Overall length	Quality steel		Stainless steel	
	73095	...	73096	...
mm				
300		101	101	
350			102	

73099 - 73100

Tinner's snips (Berlin model)

Erdi

Type

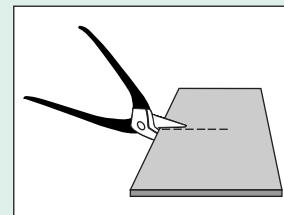
For right-hand use, drop-forged, open-end handles, inductively hardened.

Application

For long, straight cuts and sheet metal stripes up to a width of 50 mm, also suitable for stainless sheet steel.



73100



Overall length	Quality steel		Stainless steel	
	73099	...	73100	...
mm				
250		101	201	
300		102	202	

www.atorn.com



Performance requires quality.

Short chucks by ATORN:

- high-strength materials
- perfect concentricity accuracy
- large clamping range
- high clamping force

This is but one example of ATORN's high-quality clamping tools.

ATORN®

• Scissors

73103 - 73108

Hole shears

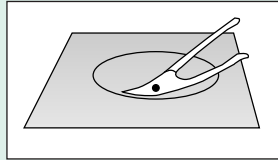
Erdi

Type

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

Application

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 blades, blade hardness 65-67 HRC, service life up to 15 times longer.

Application

For cutting hard, stainless sheet metal.



73103

73105



73106



73107



73108



73104



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

73110 - 73115

Ideal shears

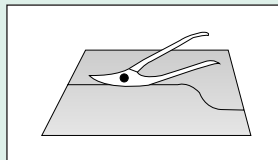
Erdi

Type

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

Application

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



73110 - 73111

Quality

Quality steel.

73112 - 73113

Application

For cutting stainless sheet metal.

Quality

Stainless steel, inductively hardened.



73110

73112



73113



73114



73115



73111



	quality steel right		quality steel left		stainless steel right		stainless steel left		HSS right		HSS left	
Overall length	73110	...	73111	...	73112	...	73113	...	73114	...	73115	...
mm												
260						101		101		102		102
280		102		102		102		102		102		102

73117

Shape-cutting shears DIN 6438

Type

Straight cutting, with lever-action.
Ergonomically-shaped 2-component handles.

Application

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	73117	...
mm		
250	201	

73130 - 73131

Continuous shears with lever action

Erdi

Type

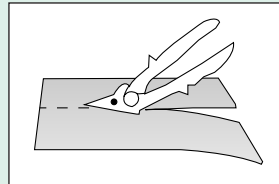
For right-hand and left-hand use. Self-opening handles, with locking device, heavy-duty rugged design, cutting head drop-forged, double-hardened blades, finely serrated. Ergonomically-shaped handle with slip guard, plastic-insulated with soft rubber insert.

Application

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

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

73133 - 73134

Shape-cutting shears with lever action

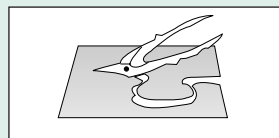
Erdi

Type

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

Application

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



73133



73134

	Right-hand		Left-hand	
Overall length	73133	...	73134	...
- MM				
260	101		101	

73138 - 73139

Ideal shears with lever action

HW

Type

Ergonomically-shaped 2-component handles. Self-opening handles, with locking device.

Application

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

Application

For left-hand use.

73139

Application

For right-hand use.



73138



73139

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

• Scissors

73140 - 73145

Ideal shears with lever action

Erdi

Type

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

Application

For use as hole-cutting, shape-cutting, 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.

Application

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 und soft rubber insert, PVC-coated.

Application

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

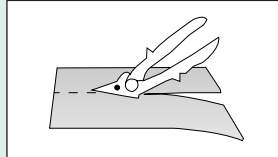
73144 - 73145

Type

Similar to cat.-no. 73142-143, but with **solid steel handles and slip protection**. Rugged design for industrial use.

Application

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



	right		left		right		left		right		left	
Overall length mm	73140	...	73141	...	73142	...	73143	...	73144	...	73145	...
230			101		101							
240									101		101	
260						101		101				

73146 - 73149

High-performance Ideal shears with lever action

Erdi

Type

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

Application

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

73146 - 73147

Type

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

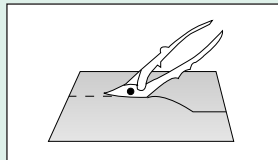
73148 - 73149

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.

Application

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



Overall length mm	73146	...	73147	...	73148	...	73149	...
260			101		101		101	

73150 - 73151

Ideal shears

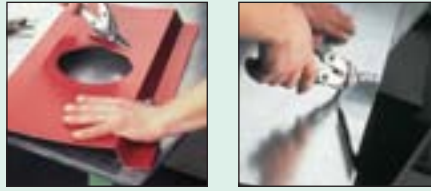
Erdi

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 rubber 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.

Application

For straight continuous cuts, and shape-cutting.



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

73161

Mitre shears



Type

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

Application

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

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



73168

Steel tape shears

Type

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

Application

For packing steel tape up to 0,8 x 28 mm.

Overall length mm	73168	...
305		101



73170

Safety steel tape 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.**

Application

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

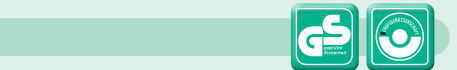
Quality

Special stainless steel.

Note:

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

Overall length mm	73170	...
260		101



73171 - 73172

Multi-purpose shears (nibblers)

Erdi

73171

Multi-purpose shears

Type

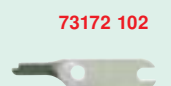
Head with open cutting matrix for easy exit of sheet metal, with chip clipper and chip protection device. Ergonomically-shaped 2-component non-slip

handles.

Application

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.

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



• Scraper

73270 - 73275

Safety scraper

73270

Type

With cover and non-slip handle.

Application

For cleaning smooth surfaces.

73275

Spare blades.

Pack = 5 pcs.

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



73270

73275



73280

Blade scraper

MARTOR
Solingen

Argentax

Type

With extra wide handle.

	Blade width	
	mm	73280 ...
Blade scraper	39	101
Spare blades 10 pcs.	39	102



73280 101

73280 102



73283

Blade scraper

MARTOR
Solingen

Martell scraper

Type

Plastic scraper for cleaning smooth surfaces.

	Blade width	
	mm	73283 ...
Blade scraper	43	101
Spare blades 10 pcs.	43	102



73283 101

73283 102



73300 - 73302

Triangular scrapers

Type

With wooden handle and ground working surface.

Quality

Tool steel.

73300

Hollow scrapers

In compliance with DIN 8350 C.

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

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

73302

Solid-ground scrapers

In compliance with DIN 8350 B.



73300



73302

73305

Flat scrapers DIN 8350 A

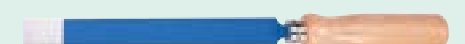
Type

With wooden handle and ground working surface.

Quality

Tool steel.

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



73305

73306

Flat scraper

HAZET

Type

Square blade with plastic handle, black.

Quality

Special steel, galvanised.

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



73306


73308 - 73310 Carbide flat scrapers

73308
Type
 With exchangeable carbide plate,
 spring-loaded shank and plastic handle.

73310
 Spare carbide plates.

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	-				
25	465	5	25 x 2	-				101
30	465	5	25 x 2	-				102
20	-	-	25 x 2	5 pcs.				103
25	-	-	25 x 2	5 pcs.				101
30	-	-	25 x 2	5 pcs.				102

73311 Scraper set

Type
27-part, convenient storage system with exchangeable blade shapes. Simple exchange of blades by loosening the knurled thumbscrew at the chuck of the scraper handle.

Scope of supply:

1 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°.

Application
 Perfect for removing of tags, sealant or glue remnants, e.g. on a windscreen.



73311

Contents	73311	...
27-part		101

73312 Multi-purpose scraper

Type
 With easy-to-exchange blade. **Incl. of 10 spare blades.**

Application
 For removing remnants of sealing and adhesives, foils, stickers.

73312 201



	73312	...
Scraper with 10 spare blades		201
10 spare blades, width 12 mm		202



73312 202

73315 Toolmaker's scraper



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

Quality
 Vanadium-extra steel.

73315



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

73316 Precision scraper

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

73316



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

• Scraper • O-ring remover • Deburring tools

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. With triangular blade, 25 mm, and quiver.

Application

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. With 50 mm blade.

Application

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.

Application

For pocket paint scrapers cat.-no. 73317 101. Usable on three sides, each with a working width of 25 mm. 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.

Application

For multi-purpose scraper cat.-no. 73317 102. Usable on both sides, 50 mm working width. For removal of paint, varnish, and rust.



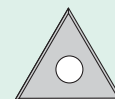
73317 101



73317 102



73318 104



73318 105



	Working width mm	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. Application

Application

For precise clean work.

Quality

Vanadium-extra steel.

73320

Scraper.

73323

Spare blade.

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



73320



73323

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

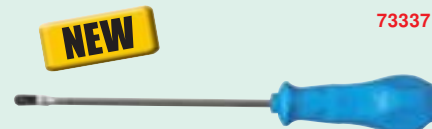
Type

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

Application

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

Type

4-part. Consists of straight hook, S-shaped hook, 90° hook, and round hook.

Application

Perfect for inserting and removing O-rings and seals.

Contents	73340	...
4-part		101



73340

73400 - 73402

Deburring tools

Application

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

Note:

Spare blade cat.-no. 73405.

73400

Deburring tool set B

Set contents:

Multi-purpose plastic handle EL 1000 with adjustable blade holder B for blades with shank Ø 2,6 mm. Rotating HSS blades B 10 and B 20 included.

73402

Blade holder B, laterally adjustable. For all rotating blades, shank Ø 2,6 mm.

73400



73402



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

73405

Spare blades B, shank Ø 2,6 mm

Application

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 standard deburring of steel, aluminium and plastics.

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.

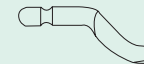
73405 109

Shape B 60, HSS

For cross bores in difficult-to-reach areas.

Shape		73405	...
B 10 HSS	10 pcs.		101
B 10 L, HSS left-hand use	10 pcs.		102
B 10 TiN	10 pcs.		103
B 10 plus	10 pcs.		104
B 10 C solid carbide	10 pcs.		105
B 20 HSS	10 pcs.		106
B 30 HSS	10 pcs.		108
B 60 HSS	10 pcs.		109

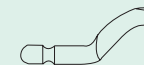
73405 101



73405 105



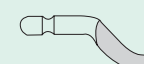
73405 102



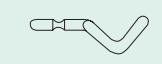
73405 106



73405 103



73405 108



73405 104



73405 109



73410

Deburring tool set E

Set contents:

Multi-purpose plastic handle EL 1000 with adjustable blade holder E for blades with shank Ø 3,2 mm. Rotating HSS blades E 100, E 200 and E 300 included.

Application

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

Note:

Spare blade see cat.-no. 73420.
Spare blade holder E 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.

Application

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

Note:

Spare blade cat.-no. 73420.
Plastic handles 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.

Application
For multi-purpose deburring.

Note:
Spare blade cat.-no. 73420.

73415



Type	73415	...
RB 1000 set		101

73417

Blade holder E

Application
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

Application
For cat.-no. 73410 - 73417.

Note:
Plastic handles see cat.-no. 73469.
Spare blade holder E see cat.-no. 73417.

73420 101
Shape E 100, HSS
For heavy-duty deburring of steel, aluminium, and plastics.

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.

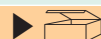
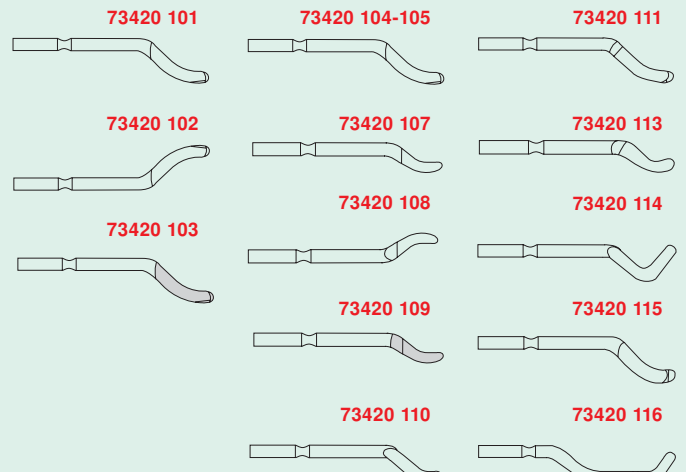
73420 113
Shape E 202, HSS
With thick shank and thin cutting edge for brass and cast iron.

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-hand use	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-hand use	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

Application

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 outside Ø	18,0	106

73476 101



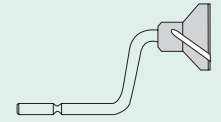
73476 104-105



73476 102



73476 106



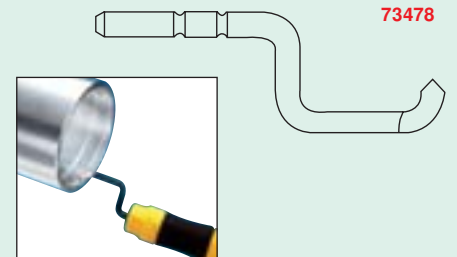
73478

Recess deburrer blade type BO 1000

Application

For deburring grooves for O-rings on inside diameters.

Type	73478 ...
BO 1000	102



73479

Deburrer blades type BC 1000

Application

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



73425 - 73430

Deburrer set EL 1300

Application

For deburring and bevelling of boreholes 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

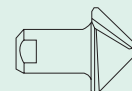
Spare countersink type C HSS, 90°.



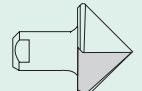
73430 101



73430 102



73430 103



Type	length mm	Ø mm	Deburrer set 73425 ...	Blade holder C 73428 ...	Countersink C 73430 ...
Deburrers 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
Application
For boreholes up to 3,2 mm Ø.

73436 102
Triangular scrapers
Application
For delicate and difficult work.

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



73435

Type	73435	...
Set FT 3000		101

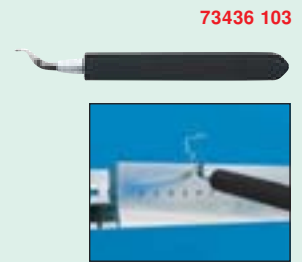
Type	73436	...
Crank countersink		101
Triangular scraper		102
Multi-purpose deburrers		103



73436 101



73436 102



73436 103

73440 - 73446

Set of groove deburrers EL 1400

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

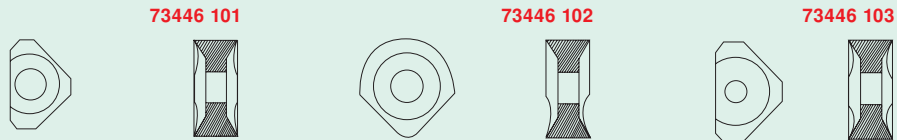
73440
Groove deburrers EL 1400

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	Deburring 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-Dreikantschaber-Satz EL 1601

Application
For 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

Application
For 45° lands on workpiece edges.

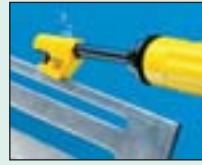
73461
Spare blade holder EL 0750.

73460

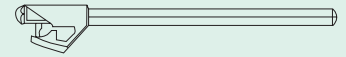
73460

Set contents:

Multi-purpose plastic handle EL 1000 with adjustable blade holder EL 0750 and adjustment screw for chamfer size, the guide is firmly connected with the blade holder. 1 blade L-1



73461



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

73463 - 73464 Double deburrer DB

73463

Type

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

Application

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. The edges of the cutting discs can be fully used by turning ahead.

73464 101

Spare cutting disc

Type N 80.

Pack = 10 pcs.

73464 102

Spare cutting disc

Type N 80 M 42 for stainless steel.

Pack = 10 pcs.



73463



73464 101



73464 102



Type	73463	...	73464	...
Deburrers DB	101			
Cutting discs N 80				101
Cutting discs N 80 M 42				102

73465 Deburring tool set

Set contents:

1 multi-purpose plastic handle EL 1000,
1 blade holder type B with 2 HSS blades, for standard deburring: blade B 10 for steel, aluminium, and plastics, blade B 20 for brass and cast iron,
1 blade holder type E with 3 HSS blades, for heavy-duty deburring: blade E 100 for steel, aluminium, and plastics, blade E 200 for brass and cast iron, blade E 300 for boreholes in sheet metal and pipes,
1 blade holder type N with 1 HSS blade, for keyway width 2,4-11 mm,
1 blade holder type C with HSS countersink head C 20, 20 mm Ø,
1 blade holder type D with 2 HSS triangular scrapers 3,2 x 50 mm, blade D 66 for internal and cross bores, blade D 50 for precision-deburring, with protection cap,
1 double deburrer DB 2000 with 2 HSS cutting discs for narrow workpiece and sheet metal. With spare screws and allen key. In plastic case.

Application

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

73465



	73465	...		
			101	

• Deburring tools • Scraper • Metal shears

73466

Deburring tool sets

73466 101

Deburring tool kit E, 35-part, in plastic box.

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

Set contents:

1 multi-purpose plastic handle EL 1000, 1 blade holder type E for blades with a shank Ø of 3.2 mm, with 3 HSS blades, for heavy-duty deburring: blade E 100 for steel, aluminium, and plastics, blade E 200 for brass and cast iron, blade E 300 for boreholes in sheet metal and pipes, **10 ea. additional blades E 100 and E 200, 10 blades E 300** for heavy burrs on straight edges.

Note:

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

73466 102

Deburring tool kit B, 24-part, in plastic box. For precision deburring on bores as well as on straight, concave and convex edges.

Set contents:

1 multi-purpose plastic handle EL 1000, 1 blade holder type B for blades with a shank Ø of 2.6 mm, with 2 HSS blades, for standard deburring: blade B 10 for steel, aluminium, and plastics, blade B 20 for brass and cast iron, **10 ea. additional blades B 10 and B 20.**

Note:

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

73466 101



73466 102



	73466 ...
Deburring tool set E	101
Deburring tool set B	102

73469

Plastic handles

Type

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

73469 101

Type EL 1000

Application

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

73469 102

Type EL 2100 compact handle

Application

For direct mounting of rotating blades with 3,2 mm Ø (cat.-no. 73420) and crank blades (cat.-no. 73476 and 73478 102).

73469 101



73469 102



Type	73469 ...
EL 1000	101
EL 2100	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.

Application

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 102

Spare ceramic blade.

73350



	73350 ...
Ceramic deburrer	101
Spare ceramic blade	102



73480

Triangular scrapers SC 8000

73480 201

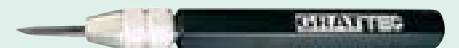
Set contents:

Triangular scraper SC 8000 with double-sided, concave scraper blade 4 x 80 mm. Adjustable blade overhang.

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

Application

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-part. 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 box.

73482 101

Type

Swivelling HSS blade BR1000 for Ø 3 - 5,5 mm. With concealable blade and Allen key for exchanging the blade.

73482 102

Type

Swivelling HSS blade BR2000 for Ø 5,5 - 10 mm. With concealable blade and Allen key for exchanging the blade.

73482 103

Type

Swivelling HSS blade BR2200 for Ø 10 - 22 mm. With concealable blade and Allen key for exchanging the blade.

73483

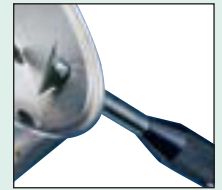
Spare blades for backwards deburrer cat.-no. 73481-73482.



73481



73482



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

73540

External deburrers

Type

With carbide blades, overall length approx. 190 mm. Handle made of acid-resistant and oil-resistant plastics with slip guard for accident prevention.

Application

For chamfering and deburring of machinable materials from plastics to VA-steel. The tool is applied to the edge to be deburred and is lightly drawn along it. Both sides of the edge are deburred in one operation.



73540



Size	for thickness of material mm	73540	...
10	0,4 - 5		210
11	1,0 - 10		211



73610 - 73612

Metal shears for metal sheets and round steel

Type

Robust and stable design, made of high-quality steel. Strongly spring-loaded levers for facilitated cutting. The high-quality, highly resistant cutting blades are hardened and tempered.

Application

For metal sheets and round steel.

Note:

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

73611

Spare upper blade.

73611



73612

Spare lower blade.

73612



73610

Model	cutting edge length mm	Cutting force mm			Weight kg	Upper blade		Lower blade		
		sheets	round steel	sheet metal		73610	...	73611	...	73612
2BR4	120	4	11	50 x 4	8	201		201		201
2BR5	150	5	11	60 x 5	10	202		202		202
2BR6	180	6	13	70 x 6	18	203		203		203



Performance requires quality.

ATORN's taps:

- highest cutting speeds
- precision-ground for safest machining
- ISO colour codes for easy identification of the correct tool

This is but one example of **ATORN's high-quality drilling tools.**

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