

Power Tools - Deburrers

Top shape
in no time

Excellent edges without compromises

The new deburrer will allow you to create custom bevel lengths of up to 15 mm with 30°, 45° and 60° angles. You can adjust the desired bevel length without tools. Consistently achieve quality edges – that means no reworking for you. This is because the cutting process is extraordinarily fast and keeps the materials from oxidizing or deforming. The compact TKA 1500 weighs 10 kg and has an efficient 2600 W motor. With the special ergonomic guide- and motor handle, the machine outperforms competitors.

Versatile use

- For precise edges as well as interior and exterior contours
- For radial edges of 2, 3 and 4 mm
- For trimming finished edges or removing burrs after the cutting processes
- For chamfering finished edges. For example, as a work preparation for powder and paint coatings
- For chamfering to prepare welding seam edges



Experience the beveller in daily use:
www.youtube.com/TRUMPFtube



The machine in use

TRUMPF deburrers have proven themselves in machine-, cars- and ship manufacturing as much as they have in steel manufacturing and with job shops. This way you will always achieve shiny metallic visible edges and radii.



For interior contours



For holes starting from Ø 55 mm



For large, complex parts

Up to

5x faster

You will be up to 5x faster compared to angle grinders.

The edges show a perfect quality and will require no reworking.



Practical

Do you often process long, even plates and exterior contours? Then, wouldn't it be helpful if the chips were to fall on the floor in a certain way and you could simply just sweep them up when you are done? Then use the handy chip guard, this will also increase your workplace safety.



Great guide for the best results



1

Rests well in your hand
Handle shape, length, and positioning perfectly together, so you can look forward to safe and balanced machine operation.

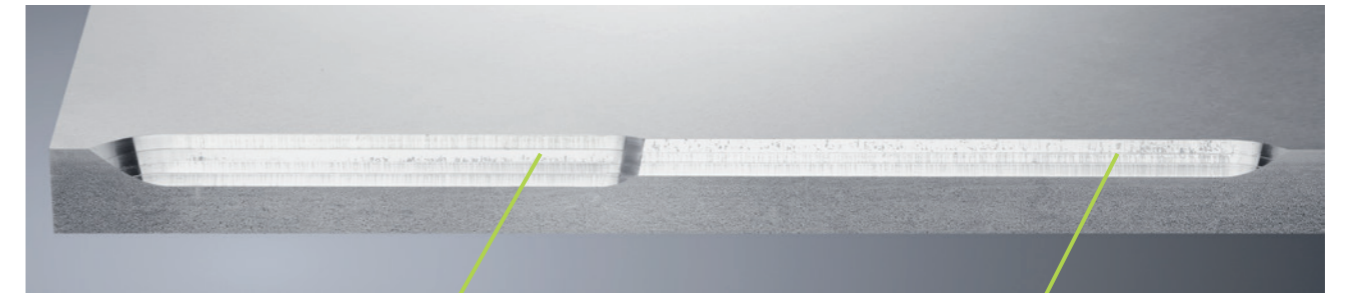
2

Stable pressure
The guide handle provides you maximum stability and optimal pressure exertion at the same time - for perfect chamfers.

3

Everything under control
The guide hand is very close to the processing surfaces, reduces breakdown torque, and allows for optimal machine operation.

Here is the pace



2 steps
from 11 – 15 mm*

For bevel lengths from 11 to 15 mm, you only need two steps. If you need a bevel length of 15 mm, for example, make 11 mm in the first step and then do the remaining bevel length in the next step.



1 step
up to 11 mm

Bevel lengths up to 11 mm you make in one step only.

In no time



You can set the bevel length via numeric input on the support plate. This works steplessly and without tools.

- Set the desired chamfer length in no time with a $\frac{3}{4}$ rotation. Even if you choose the maximum value of 15 mm.
- If you want to fix radii, you will need custom fine-tuning. This can also be done easily with the scale ring.

* The 110 V / 120 V motor requires 3 working steps for 15 mm bevel lengths

TruTool TKA 1500 Deburrer



Great guide for the best results
Handle shape, size, and positioning are perfectly designed to work together

Powerful
2600 Watt motor for high performance



Regular edge quality
Quality results without reworking and constant angle settings

Easy set up
Versatile setting of the bevel length without tools

Emission-free process
Free of burred and oxidized cutting surfaces, dust free and no material changes

Deburrer TruTool TKA 1500

- For bevel lengths up to 15 mm and angles of 30°, 45° and 60° as well as radii
- Easily replaceable cutters. The standard cutter is reversible four times and the radius cutter can be rotated three times
- Very high working speed
- Work without sparks
- Compact design, robust machine
- Low machine weight

Included accessories

Cutters steel / stainless steel / aluminium (integrated), cutter mount 45° (not integrated by the version TruTool TKA 1500 without tool), hexagon wrench key set, chip protection, grease «G3» (tube 100 g), protective eyewear, box for small parts, insertion aid, carrying case

Machine variations:

- TruTool TKA 1500 with integrated 45° tool
- TruTool TKA 1500 without tool

What do you need for daily use?

It is very easy: you can choose between the 30°, 45°, 60° cutter mount or the cutter mount for radii and combine the perfect cutter. And now there is nothing standing in the way of achieving a perfect edge.

Cutter mounts



Standard-cutters can be turned 4 times





Radius-cutters can be turned 3 times










Technical data							
Bevel angles		30°		45°		60°	
		ls	hs	ls	hs	ls	hs
Max. bevel length / bevel height							
Steel 400 N/mm ²	mm	15	13	15	10.6	15	7.5
Steel 600 N/mm ²	mm	12	10.4	12	8.5	12	6
Steel 800 N/mm ²	mm	10	8.7	10	7.1	10	5
Aluminium 250 N/mm ²	mm	15	13	15	10.6	15	7.5
Min. sheet thickness	mm	3 + hs					
Smallest inner radius	mm	30					
Smallest hole diameter	mm	55					
Rotational speed at idling	1/min	6700					
Working speed	m/min	2					
Rated input power	W	2600					
Weight without cable	kg	10					

Legend: ls = Bevel length hs = Bevel height beta = Bevel angles

Order numbers

Machine					
Deburrer TruTool TKA 1500	DE	CH	GB	USA	KR
With integrated 45° tool	2385840	2385991	2385992	2385993	2466002
Without tool	2484791	2484770	2484792	2484794	2484793

Cutter mount and cutters				
		Cutter for steel / stainless steel / aluminium	Radius cutters for steel / aluminium	Radius cutters for stainless steel
				
30°	Cutter mount 30° with integrated blade wheel ø 36,2 mm for 4 cutters	 1 piece 2423975	Set of 4: 2420322 Set of 10: 2420323	
45°	Cutter mount 45° with integrated blade wheel ø 36,2 mm for 4 cutters	 1 piece 2423973		
60°	Cutter mount 60° with integrated blade wheel ø 36,2 mm for 4 cutters	 1 piece 2423976		
R	Cutter mount R with integrated blade wheel ø 36,2 mm for 4 cutters	 1 piece 2423977	R2 Radius Set of 4: 2435949 Set of 10: 1232676 R3 Radius Set of 4: 2435950 Set of 10: 1232671 R4 Radius Set of 4: 2435971 Set of 10: 1630310	R2 Radius Set of 4: 2435973 Set of 10: 1232691


Accessories		
Chip protector		2424143
Insertion aid		2420198
Hexagon wrench key set		2467043
Protective eyewear		0037232
Box for small parts		0353966
Grease «G3»	100 g tube	0353969
Punch and nibble oil for steel	500 ml bottle	0103387
Punch and nibble oil for aluminium	1000 ml bottle	0125874
Carrying case		2398010



5 Garantie
Warranty
Garanzia
Garantia

5-year warranty

Extend the legal warranty of your machine to a 5-year warranty. Free of charge. Only condition: Register your device within four weeks starting on the date of purchase. The fastest and most comfortable way of registering and getting the 5-year warranty is to go online to www.trumpf.com/s/warranty-powertools.





Well packed
The deburrer TruTool TKA 1500 is packaged in a stable and shock-resistant carrying case.





Legend

You can find the symbols on the machine pages

 **Restart protection**
Prevents unwanted starting after power interruptions.

 **Smooth start**
Ergonomic work through smooth starting.

 **Softgrip**
Ensures optimum and convenient machine control and minimizes vibration.

 **Overload protection**
Protects the motor from over-heating.

Also of interest:

Deburrer TruTool TKA 500

Ideal for processing bevel lengths of up to 7 mm, whether straight or radial edges. For this we offer cutter mounts for 0° as well as 15° - 60° - in 5° steps.



Technical data							
Bevel angles		30°		45°		60°	
Max. bevel length / bevel height		ls	hs	ls	hs	ls	hs
Steel 400 N/mm ²	mm	7	6.1	7	4.9	7	3.5
Steel 600 N/mm ²	mm	3.7	3.1	3.7	2.5	3.7	1.8
Steel 800 N/mm ²	mm	2.3	1.8	2.3	1.6	2.3	1.1
Aluminium 250 N/mm ²	mm	10	6.5	10	6.6	10	5
Min. sheet thickness	mm	1.5 + hs					
Smallest inner radius	mm	18					
Smallest hole diameter	mm	35					
Rotational speed at idling	1/min	8390					
Working speed	m/min	3-4					
Rated input power	W	1400					
Weight without cable	kg	3.5					

Beveller TruTool TKF

Do you need a machine that you can use exclusively to prepare welding seams? Then we recommend our bevellers. We offer different models for bevel lengths of 7 – 15 mm



Technical data													
Beveller TruTool		TKF 700		TKF 1100 / TKF 1101		TKF 1500		TKF 1500 with 2 speed					
Bevel angles		30° 37,5° 45°		30° 37,5° 45°		20°-45° **20°-55°		20°-45° **20°-55°		1 st gear		2 nd gear	
*Max. bevel length (ls) Max. bevel height (hs)		ls	hs	ls	hs	ls	hs	ls	hs	ls	hs	ls	hs
Steel 400 N/mm ²	mm	7	4.9	11	9.5	15	10.6	15	10.6	15	10.6	15	10.6
Steel 600 N/mm ²	mm	5.7	4.0	9	7.8	9	7.8	11	7.8	9	6.4	9	6.4
Steel 800 N/mm ²	mm	4	2.8	6	5.2	6	6.4	9	6.4	6	4.2	6	4.2
Sheet thickness	mm	1-20		3-25		4-160		4-160					
Smallest inner radius	mm	40		40		55		55					
Working speed	m/min	1.5		2	2.5	2		1.25		2			
Rated input power	W	1400		1600		2600		2600					
Weight without cable	kg	5.4		10		16.5		19.5					

* Max. bevel length (ls) for all bevel angles. Max. bevel height (hs) for 45°. ** Bevel angles with special stripper

Our drive: Passion

Whether production and manufacturing technology, laser technology or material processing: We develop highly innovative products and services that are industrial quality and proven absolutely reliable. We give it our all to achieve competitive advantages for you: Know-how and experience.

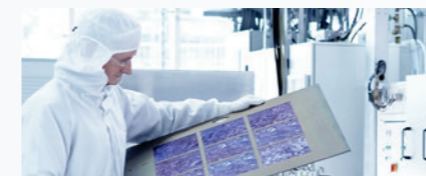


Visit us on YouTube:
www.youtube.com/TRUMPFtube



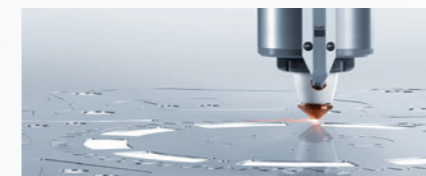
Lasers for manufacturing technology

Whether macro, micro or nano: We have the right lasers and the right technology that is innovative and at the same time cost-efficient for every production application. Beyond the technology, we provide you with system solutions, application knowledge and consulting.



Power supplies for high tech processes

From semiconductor manufacturing to solar cell production: With our high and medium frequency generators, power for induction heating and plasma and laser excitation receives a defined form consisting of frequency and power – that is highly reliable and repeatable.



Machine tools for flexible sheet metal- and tube processing

Laser cutting, punching, bending, laser welding: For all processes in flexible sheet metal production, we offer you precisely tailored machines and automation solutions, including consulting, software and services – so you can reliably produce your products in high quality.



Power tools for metal processing

Cutting, fastening, bevelling: Our power tools offer the most innovative technology and the highest quality. Original accessories and a free 5-year warranty provide extra security. Whether on construction sites or in job shops: High-quality and long-lasting machines are our quality promise.



Industry 4.0

The solutions world TruConnect connects man and machine through information. It covers all steps in the manufacturing process – from quote to the shipment of parts.

TRUMPF is certified according to ISO 9001
(further informations see: www.trumpf.com/s/quality)

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