

TRUMPF deburrers:

Save time –
in a
single step.

In the construction of machines, rail cars and ships, TRUMPF deburrers are just as established as in steel working, job shops for sheet metalworking or in other metalworking shops. The TruTool TKA let you produce either straight bevelled or radius edges. You can also break or round sharp edges or make flawless bevels at a variety of angles. And you can do all that without any refinishing, burr- and oxide-free, with precision and high quality you can easily see. For radii and interior contours, cut ends or for welding preparation.



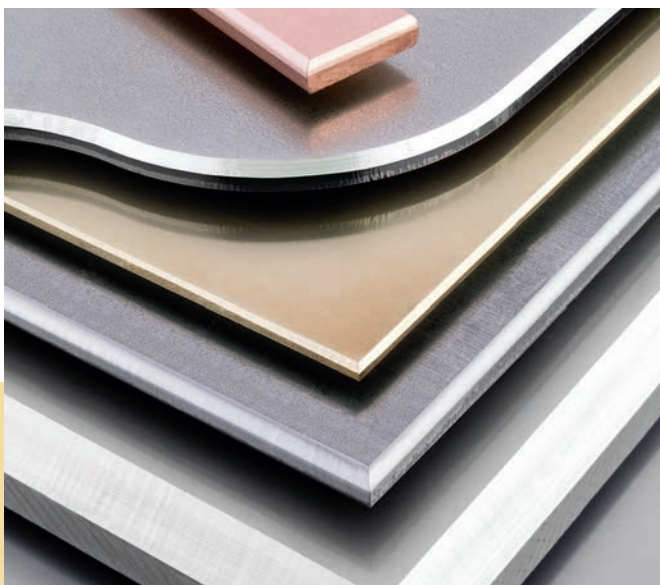
The right tool for every angle.

We offer a large variety of standard cutter mounts that enable you to produce angles from 15° up to 60°. Our standard cutter mount product line also includes a 0° cutter mount that can be used for cutting short edges and a plasma cutter mount for rounding off plasma-cut edges.

And when you want to make rounded edges with 2, 3 or 4 mm radii, the R cutter mount is the perfect accessory.

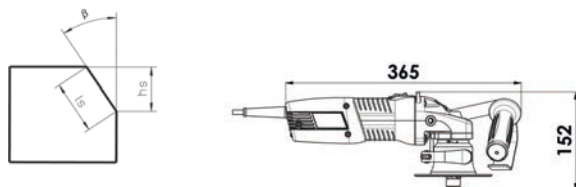
Particular strengths:

- Fast, emission-free process
- Clean, oxide-free edge surfaces
- Accurate, constant edge quality in one step
- Ideal for complex workpieces as well as for interior contours, bores and tubes
- Tool-free adjustment of the bevel height
- No sparks
- Can handle small parts (with workstation)



Bevelling Deburrers (power tools)

TruTool TKA 500



- 3-cutter tool system
- 30°, 45° and 60° as well radius edges
- Optional cutter mounts for 15° – 55° available

Accessories TruTool TKA 500

Included accessories

3 cutters CR	integrated
Cutter mount 45° with integrated blade wheel	integrated
Head key wrench	0353531
TORX – screwdriver TX15	0353793
Single head wrench	0068012
Socket wrench	1241272
Protective eyewear	0944950
TRUMPF Box	included

Available accessories

Cutter mount 45° with integrated blade wheel Ø 22 mm for 3 cutters	1227954
Cutter mount 30° with integrated blade wheel Ø 29.6 mm for 3 cutters	1237683
Cutter mount 60° with integrated blade wheel Ø 22 mm for 3 cutters	1257861
Cutters ST (set of 3, 1241780)	(set of 10, 1232627)
Cutters ST Radius 2 (set of 3, 1693743)	(set of 10, 1232676)
Cutters ST Radius 3 (set of 3, 1693742)	(set of 10, 1232671)
Cutters CR (set of 3, 1241851)	(set of 10, 1232628)
Cutters CR Radius 2 (set of 3, 1693744)	(set of 10, 1232691)
Cutters Aluminium (set of 3, 1241852)	(set of 10, 1232629)
Cutters R2 PLUS ST (set of 3, 1266783)	(set of 10, 1266784)
Cutter ST Radius 4 (set of 3, 1693629)	(set of 10, 1630310)
Cutter R3 coated (for plasma application and ST)	(set of 2, 1320642)

Technical Data TruTool TKA 500

(for 15°, 20°, 25°, 35°, 40°, 50° and 55° please check sales manual)

		230 V			110 V		
Bevel angles		30°	45°	60°	30°	45°	60°
Max. bevel height							
Steel 400 N/mm ²	mm	4.3	3.5	2.5	3.5	2.8	2.0
= bevel length	mm	5.0	5.0	5.0	4.0	4.0	4.0
Steel 600 N/mm ²	mm	2.2	1.8	1.3	1.9	1.6	1.1
= bevel length	mm	2.5	2.5	2.5	2.2	2.2	2.2
Steel 800 N/mm ²	mm	1.3	1.0	0.8	1.1	0.9	0.7
= bevel length	mm	1.5	1.5	1.5	1.3	1.3	1.3
Aluminium 250 N/mm ²	mm	6.5	6.4	5.0	6.5	6.0	4.3
= bevel length	mm	7.5	9	10	7.5	8.5	8.5
Min. sheet thickness	mm	0.7	0.7	0.7	0.7	0.7	0.5
Smallest inner radius	mm	16	12	12	16	12	12
Working speed	m/min	3 – 4	3 – 4	3 – 4	3 – 4	3 – 4	3 – 4
Rotational speed at idling 1/min		8390	8390	8390	7300	7300	7300
Rated input power	W	1400	1400	1400	1140	1140	1140
Weight without cable	kg	3.5	3.5	3.5	3.5	3.5	3.5

Accessories TruTool TKA 500

Further options

Cutter mount R with integrated blade wheel Ø 20 mm for 3 cutters	1663473
Cutter mount R2 PLUS*1 with blade wheel	1265985
Cutter mount R4 PLUS*2 with blade wheel	1264547
Cutter mount 15° with integrated blade wheel Ø 29.6 x 11.6 mm (h) for 3 cutters	1412639
Cutter mount 20° with integrated blade wheel Ø 29.6 x 11.6 mm (h) for 3 cutters	1619933
Cutter mount 25° with integrated blade wheel Ø 29.6 x 11.6 mm (h) for 3 cutters	1419177
Cutter mount 35° with integrated blade wheel Ø 29.6 x 12.3 mm (h) for 3 cutters	1256570
Cutter mount 40° with integrated blade wheel Ø 29.6 x 12.3 mm (h) for 3 cutters	1620265
Cutter mount 50° with integrated blade wheel Ø 22 x 12.5 mm (h) for 3 cutters	1429605
Cutter mount 55° with integrated blade wheel Ø 22 x 12.5 mm (h) for 3 cutters	1251684
Cutter mount R 2-sided plasma with integrated blade wheel	1484142
Special wheel for cutter mount R2 Plus	1294750
Special wheel for cutter mount R4 Plus	1294749
Blade wheel for thin sheet Ø 22 x 14.5 mm metal, 45° – 60°	1237451
Supporting plate small Ø cpl.	1315258
Front edge cutter mount	1645165
Deburring plate	1236998
Chip box	1236997
Punch and nibble oil for steel 500 ml bottle	0103387
Punch and nibble oil for aluminium 1000 ml bottle	0125874
Grease «G3». Tube 100 g	0353969
Distance plate and safety plate	1265501
Work station, for the treatment of small pieces	1404742

*1 For welded edge radius 2 mm, sheet thickness ca. 1.5 mm to 2.5 mm

*2 For welded edge radius 4 mm, sheet thickness ca. 2.5 mm to 5.0 mm

Bevelling Deburrers (power tools)



Cutter mount with integrated blade wheel

Cutter mount of 15° - 60° (in 5 steps) available
Cutter mount for plasma application R2 LUS and R4 PLUS for welded edge



Cutters

Can be used for processing steel, aluminium and plastic, suitable for processing edges 0°, 15° to 60°



Anti-scratch sheets

For non-scratch processing



Blade wheel for thin metal sheet

Up to min. 0.7 mm sheet thickness



Chip box

For processing on straight edges



Distance plate and safety plate



Deburring plate complete



Tool front edge



Supporting plate (small)

For narrow spaces, can be used for all cutter mounts



Work station

For small working pieces

TruTool TKA 500

TRUMPF



	Cutter Steel 400 N/mm ²	Cutter Alu 250 N/mm ²	Cutter CR 800 N/mm ²	Cutter mount with integrated blade wheel	Blade wheel
					
Bevel 15°	1241780 (3x) 1232627 (10x)	1241852 (3x) 1232629 (10x)	1241851 (3x) 1232628 (10x)	1412639	ø 29.6 x 11.6 mm: 1414170
Bevel 20°				1619933	
Bevel 25°				1419177	
Bevel 30°				1237683	ø 29.6 x 12.3 mm: 1237495
Bevel 35°				1256570	
Bevel 40°				1620265	
Bevel 45°				1227954	ø 22 x 12.5 mm: 1214439 Thin sheet metal ø 22 x 14.5 mm: 1237451
Bevel 50°				1429605	
Bevel 55°				1251684	
Bevel 60°				1257861	
Bevel 0°				1645122*	
Radius 2	1693743 (3x) 1232676 (10x)	1693744 (3x) 1232691 (10x)	1663473	ø 20 mm: 1227953	
Radius 3	1693742 (3x) 1232671 (10x)	–			
Radius 4	1693629 (3x) 1630310 (10x)	–			
Radius 3 Plasma	1320642 (2x)	–	–	1484142	ø 20/15 mm conical 1484526
Welded edge radius R2 PLUS	1266783 (3x) 1266784 (10x)	–	–	1265985	ø 29/27 mm raised 1266024
Welded edge radius R4 PLUS		–	–	1264547	ø 27/24 mm raised 1264586

* Cutter mount without blade wheel

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= bevel length	mm	5	5	5	4	4	4
Steel 600 N/mm ²	mm	2.2	1.8	1.3	1.9	1.6	1.1
= bevel length	mm	2.5	2.5	2.5	2.2	2.2	2.2
Steel 800 N/mm ²	mm	1.3	1	0.8	1.1	0.9	0.7
= bevel length	mm	1.5	1.5	1.5	1.3	1.3	1.3
Aluminium 250 N/mm ²	mm	6.5	6.4	5	6.5	6	4.3
= bevel length	mm	7.5	9	10	7.5	8.5	8.5
Min. sheet thickness	mm	0.7	0.7	0.7	0.7	0.7	0.7
Smallest inner radius	mm	16	12	12	16	12	12
Working speed	m/min	3-4	3-4	3-4	3-4	3-4	3-4
Rotational speed at idling	1/min	8390	8390	8390	7300	7300	7300
Rated input power	W	1400	1400	1400	1140	1140	1140
Weight without cable	kg	3.5	3.5	3.5	3.5	3.5	3.5