

Catalogue

electric-, cordless- and
pneumatic power tools



Products for sheet metal processing
Edition 2008 / 2009

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.



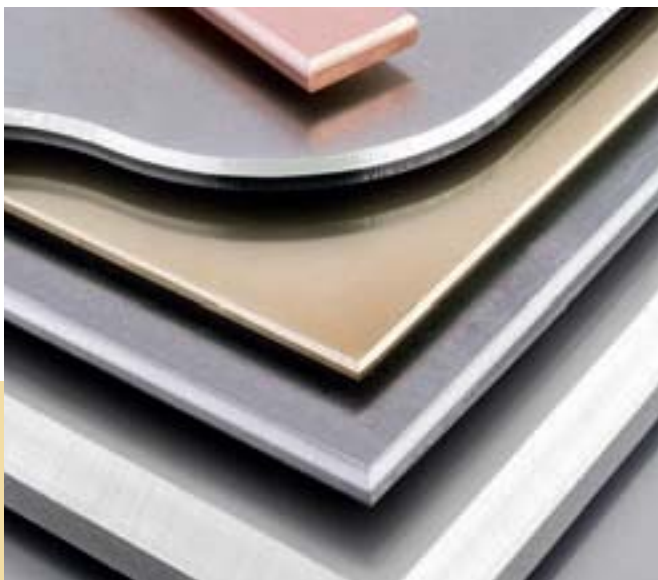


New: TruTool TKA 300 with Li-ion battery.

Besides the familiar electric version, we now offer an entirely new cordless version that is powered by lithium ion technology. These high-quality batteries free you from the power grid, making you even more mobile. And it's good for long-lasting, constant power levels with no memory effect.

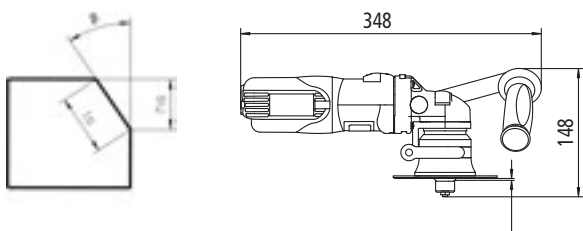
Particular strengths:

- 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 300



- 2-cutter tool system
- 30°, 45° and as well radius edges
- Special cutter mount 15° – 60° upon request

Technical Data TruTool TKA 300

		230 V		110 V	
		30°	45°	30°	45°
Bevel angles					
Max. bevel height					
Steel 400 N / mm ²	mm	2.6	2.1	2.1	1.7
= bevel length	mm	3.0	3.0	2.4	2.4
Steel 600 N / mm ²	mm	1.2	1.0	1.0	0.8
= bevel length	mm	1.4	1.4	1.1	1.1
Steel 800 N / mm ²	mm	0.9	0.7	0.6	0.5
= bevel length	mm	1.0	1.0	0.7	0.7
Aluminium 250 N / mm ²	mm	5.2	4.2	4.3	3.5
= bevel length	mm	6.0	6.0	5.0	5.0
Min. sheet thickness	mm	0.7	0.7	0.7	0.7
Smallest inner radius	mm	12	12	12	12
Working speed	m/min	4 – 6	4 – 6	4 – 6	4 – 6
Rotational speed at idling	1/min	8600	8600	8000	8000
Rated input power	W	850	850	670	670
Weight without cable	kg	2.9	2.9	2.9	2.9

Accessories TruTool TKA 300

Included accessories

2 cutters ST		integrated
Cutter mount 45° with integrated blade wheel		
Head key wrench		0353531
TORX – screwdriver	TX15	0353793
Single head wrench		0068012
Protective eyewear		0944950
*Battery Li (2 pieces)	28 V	integrated
*Battery charger CLi	220 – 240 V	1464702
*Battery charger CLi	120 V	1464703
Carrying case		included

Available accessories

Cutters ST	(set of 2, 1209676)	(set of 10, 1232627)
Cutters ST Radius 2	(set of 2, 1232672)	(set of 10, 1232676)
Cutters ST Radius 3	(set of 2, 1232630)	(set of 10, 1232671)
Cutters CR	(set of 2, 1214188)	(set of 10, 1232628)
Cutters CR Radius 2	(set of 2, 1232680)	(set of 10, 1232691)
Cutters Aluminium	(set of 2, 1214189)	(set of 10, 1232629)
*Battery Li (1 piece)	28 V	1464697
Cutters universal ST, CR		(set of 10, 1261356)
Carbon brush (set of 2)	110 – 230 V	0138649

Further options

Cutter mount R with integrated blade wheel Ø 20 mm for 2 cutters		1227952
Cutter mount 45° with integrated blade wheel Ø 22 mm for 2 cutters		1223697
Cutter mount 30° with integrated blade wheel Ø 29.5 mm for 2 cutters		1237000
5 Anti-scratch sheets (Set)		1234851
1 De-burring plate KPL		1236998
1 Chip box		1236997
1 blade wheel for thin sheet metal Ø 22 mm		1237451
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

* for cordless version



Cutter mount



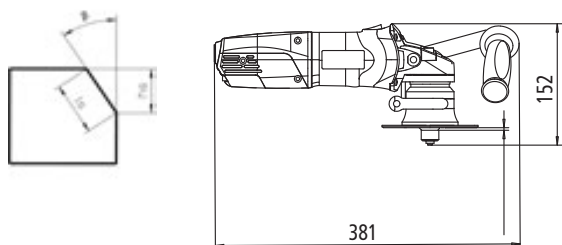
Cutters



Anti scratch sheets for
scratch-free working

Bevelling Deburrers (power tools)

TruTool TKA 500



- 3-cutter tool system
- 30°, 45° and 60° as well radius edges
- Special cutter mount 15° – 60° upon request

Technical Data TruTool TKA 500

		230 V			110 V		
		30°	45°	60°	30°	45°	60°
Bevel angles							
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	6.5	5.0	6.5	6.0	4.3
= bevel length	mm	7.5	7.5	7.5	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	12	12	12	12	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

Included accessories

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

Available accessories

Cutters ST	(set of 3, 1241780)	(set of 10, 1232627)
Cutters ST Radius 2	(set of 2, 1232672)	(set of 10, 1232676)
Cutters ST Radius 3	(set of 2, 1232630)	(set of 10, 1232671)
Cutters CR	(set of 3, 1241851)	(set of 10, 1232628)
Cutters CR Radius 2	(set of 2, 1232680)	(set of 10, 1232691)
Cutters Aluminium	(set of 3, 1241852)	(set of 10, 1232629)
Cutters R PLUS ST	(set of 3, 1266783)	(set of 10, 1266784)
Cutters universal ST, CR		(set of 10, 1261356)
Carbon brush (set of 2)	220 – 230 V	0349350
Carbon brush (set of 2)	110 – 120 V	0349442

Further options

Cutter mount R with integrated blade wheel Ø 20 mm for 2 cutters		1227952
Cutter mount 45° with integrated blade wheel Ø 22 mm for 3 cutters		1227954
Cutter mount 30° with integrated blade wheel Ø 29,5 mm for 3 cutters		1237683
Cutter mount 60° Ø 22 mm for 3 cutters		1257861
Cutter mount R2 PLUS*1 with blade wheel and deburring plate		1267718
Cutter mount R4 Plus*2 with blade wheel and deburring plate		1266744
Special wheel for cutter mount R2 Plus		1294750
Special wheel for cutter mount R4 Plus		1294749
5 Anti-scratch sheets	Set	1234851
1 Deburring plate		1236998
1 Chip box		1236997
1 blade wheel fort thin sheet metal	Ø 22 mm	1237451
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
1 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 bis 2,5 mm

*2 For welded edge radius 4 mm, sheet thickness ca. 2,5 mm bis 5,0 mm



Cutter mount



Cutters



Anti scratch sheets for scratch-free working



Work station for small pieces for TruTool TKA 500

Bevelling

Deburrers (cordless tools)

Technical Data TruTool TKA 300 Li-Ion battery

Bevel angles		30°	45°
Max. bevel height			
Steel 400 N / mm ²	mm	2.6	2.1
= bevel length	mm	3.0	3.0
Steel 600 N / mm ²	mm	1.2	1.0
= bevel length	mm	1.4	1.4
Steel 800 N / mm ²	mm	0.9	0.7
= bevel length	mm	1.0	1.0
Aluminium 250 N / mm ²	mm	5.2	4.2
= bevel length	mm	6.0	6.0
Min. sheet thickness with blade wheel for thin sheet metal	mm	0.7	0.7
Smallest inner radius	mm	12	12
Max. working speed	m / min	3 – 5	3 – 5
Rotational speed at idling	1 / min	8600	8600
Motor capacity	V	28	28
Weight (incl. rechargeable battery)	kg	4.3	4.3



Accessories see page 67

Straight edges	 ST CR ALU	TruTool TKA 300 45° 30°	TruTool TKA 500 30° 45° 60°	
	Radius edges CR R2 ST R3 ST R2	TruTool TKA 300 R	TruTool TKA 500 R	
Welded edge radius	 R PLUS ST	TruTool TKA 500 R2 PLUS R4 PLUS		



Cutter mount
for 2 cutters

ST – Cutter for mild steel
up to 400 N / mm²



Cutter mount
for 3 cutters

CR – Cutter for high tensile steel
up to 800 N / mm²



Cutter
for straight edges

ALU – Cutter for Aluminium and
Plastic (PA6) up to 250 N / mm²



Cutter
for radius edges

R – Radius (mm)

TruTool TKA 300 Li-Ion battery

The new lithium-ion batteries open up considerably more advantages because they are not limited to the working radius of a power cable. In addition they offer high operating times and an outstanding performance. The TruTool TKA 300 Li-Ion battery can be used to work on the most varying contours. Even the smallest inner radii are no problem.

Temperature insensitivity and no memory effect are other powerful features of these tools. The high loading capacity makes it possible to work for a long time without changing the battery. While in operation the machine maintains its full performance level until the battery is completely empty. It has a warning light to inform the user of the battery charge status so that no working time is lost unexpectedly due to an empty battery.



Battery Li



Battery charger CLi