

Catalogue

electric-, cordless- and
pneumatic power tools



Products for sheet metal processing
Edition 2008 / 2009

TRUMPF bevellers:

For
high-quality
welding seams.

TRUMPF bevellers have long proven themselves in industries where fast, reliable welding preparation is an essential part of operations. The TruTool TKF-series bevellers are used on flat sheet, pipe and tubing applications to produce clean, even, oxide-free, metallurgically clean K, V, X and Y edges. Bevel quality is maintained even on curved edges and inside cutouts.





Fast and accurate.

The process is not only fast and economical, it's also very precise. You can prepare a high-quality welding seam in a single step with no need for refinishing. Surface scoring of the workpiece is negligible. The cutters have two cutting edges, and can be reground numerous times – and using the quick-release fastener means you can replace it in a snap.

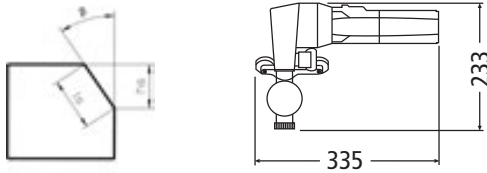
Particular strengths:

- Emission- and oxide-free edges
- Can be used on different workpiece contours, even on tubes
- Welding seam preparation in a single step
- For K, V, X and Y edges, metallically blank
- High working speed
- Different angle adjustments



Bevelling Bevellers (power tools)

TruTool TKF 700



- No extra tools required to adjust the bevel height and sheet thickness
- Mounting brackets for bevel angles of 30°, 37.5° or 45°
- Light weight at 5,4 kg
- Quick release lock allows three defined directions for tool carrier setting
- Processes pipe with a minimum inside diameter of 80 mm
- Bevels inside cutouts starting 90 mm diameter and curved edges with a minimum radius of 40 mm

Technical Data TruTool TKF 700

	230 V			110 V			
Bevel angles	30°	37.5°	45°	30°	37.5°	45°	
Max. bevel height							
Steel 400 N / mm ²	mm	6.1	5.6	4.9	6.1	5.6	4.9
= bevel length	mm	7	7	7	7	7	7
Steel 600 N / mm ²	mm	4.9	4.5	4	4.9	4.5	4
= bevel length	mm	5.7	5.7	5.7	5.7	5.7	5.7
Steel 800 N / mm ²	mm	3.5	3.2	2.8	3.5	3.2	2.8
= bevel length	mm	4	4	4	4	4	4
Sheet metal thickness	mm	1-20	1-20	1-20	1-20	1-20	1-20
Smallest inner radius	mm	40	40	40	40	40	40
Working speed	m / min	1.5	1.5	1.5	1.5	1.5	1.5
Rated input power	W	1400	1400	1400	1400	1400	1400
Strokes at nominal load 1 / min		720	720	720	570	570	570
Weight without cable	kg	5.4	5.4	5.4	5.4	5.4	5.4

Accessories TruTool TKF 700

Included accessories

Cutter standard		integrated
Grip		0131063
TORX screwdriver	TX25	0131549
Hex head wrench	DIN 911-5	0067857
Hex head wrench	DIN 911-4	0067849
Grease gun (filled with «G1»)		1369906
Lubricating grease «G1»	25 g	0344969
Roller guide complete		0130868
Carrying case		included

Available accessories

Cutters		(set of 5, 1264353)
Cutters CR		(set of 5, 1264400)
Refitting set (2 cutters, 1 mount screw) standard		0132371
Refitting set (2 cutters, 1 mount screw CR		0132740
Cutter mount 45°		0977765
Cutter mount 30°		0134609
Cutter mount 37.5°		0259379
Carbon brush (set of 2)	110 – 120 V	0349442
Carbon brush (set of 2)	220 – 230 V	0349350
Lamella (set of 4)	pneumatic	0119972

Further options

Mount piece 45°		0977767
Mount piece 30°		0977770
Mount piece 37.5°		0977769
Work station		0977764
Complete support roll	for pipe machining	0131559
Work station		0977764
Punch and nibble oil for steel	500 ml bottle	0103387
Punch and nibble oil for aluminium	1000 ml bottle	0125874
Lubricating grease «G1»	900 g	0139440



Mount plate
30°, 37,5°, 45°



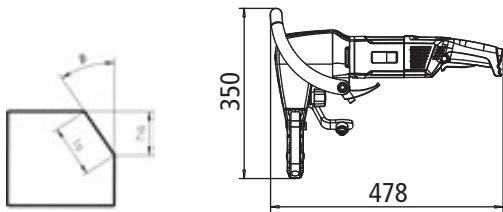
Work station
Ideal for processing small workpieces at a stationary location



Roller guide
For pipe processing

Bevelling Bevellers (power tools)

TruTool TKF 1100 / TKF 1101



- No extra tools required to adjust the bevel height and sheet thickness
- Mounting brackets for bevel angles of 30°, 37.5° or 45°
- Adjustable motor handle provides optimal operating comfort
- Processes pipe with a minimum inside diameter of 80 mm
- Bevells inside cutouts starting 80 mm diameter and curved edges with a minimum radius of 40 mm

Technical Data TruTool TKF 1100 / TKF 1101

	230 V			110 V		
	30°	37°	45°	30°	37°	45°
Bevel angles (standard)	30°	37°	45°	30°	37°	45°
Max. bevel height						
Steel 400 N / mm ²	mm	9.5	8.7	7.8	9.5	8.7
= bevel length	mm	11	11	11	11	11
Steel 600 N / mm ²	mm	7.8	7.1	6.4	7.8	7.1
= bevel length	mm	9	9	9	9	9
Steel 800 N / mm ²	mm	5.2	4.8	4.2	5.2	4.8
= bevel length	mm	6	6	6	6	6
Sheet thickness	mm	3-25	3-25	3-25	3-25	3-25
Smallest inner radius	mm	40	40	40	40	40
Working speed	m / min	2 / 2.5		2 / 2.5		
Rated input power	W	1550 / 1650		1400 / 1430		
Strokes at nominal load	1 / min	340 / 440		320 / 440		
Weight without cable	kg	11	11	11	11	11

TruTool TKF 1100: main use high tensile steel

TruTool TKF 1101: main use mild steel and aluminium

Accessories TruTool TKF 1100 / TKF 1101

Included accessories

Cutting tool Standard	TruTool TKF 1101	integrated
Cutting tool CR	TruTool TKF 1100	integrated
Roll holder		1299028
Bow handle		1279590
Hex head wrench	DIN 911-5	0067857
Lubricating grease «G1»	Tube 25 g	0344969
Punch and nibble oil for steel	500 ml bottle	0103387
Grease gun (filled with «G1»)		1369906
Setting gauge		1411767
Carrying case		included

Available accessories

Cutting tool Standard	(set of 2, 1263021) (set of 10, 1263029)	
Cutting tool for Aluminium	(set of 2, 1264419)	
Cutting tool CR	(set of 2, 1264417) (set of 10, 1264418)	
Cutting tool CR 5575	(set of 2, 1327480) (set of 10, 1327482)	
Cutting tool high performance CR	(set of 2, 1264420) (set of 10, 1264432)	
Stripper 30°		1299027
Stripper 37.5°		1299026
Stripper 45°		1299025
Punch guide	(1 piece, 1297406) (set of 2, 1311549)	
Support plate	1 piece	0130881
Mount holder	1 piece	1297327
Wearing plate	(1 piece, 1297370) (set of 2, 1311548)	
Carbon brush set (2 pieces)	220 – 230 V	0360182

Further options

Carrier complete 30°		1299041
Carrier complete 37.5°		1299042
Carrier complete 45°		1299043
Punch and nibble oil for steel	500 ml bottle	0103387
Punch and nibble oil for aluminium	1000 ml bottle	0125874
Work station	with stand	1313496
Work station	without stand	1300382
Stand		0003677
Lubricating grease «G1»	900 g	0139440



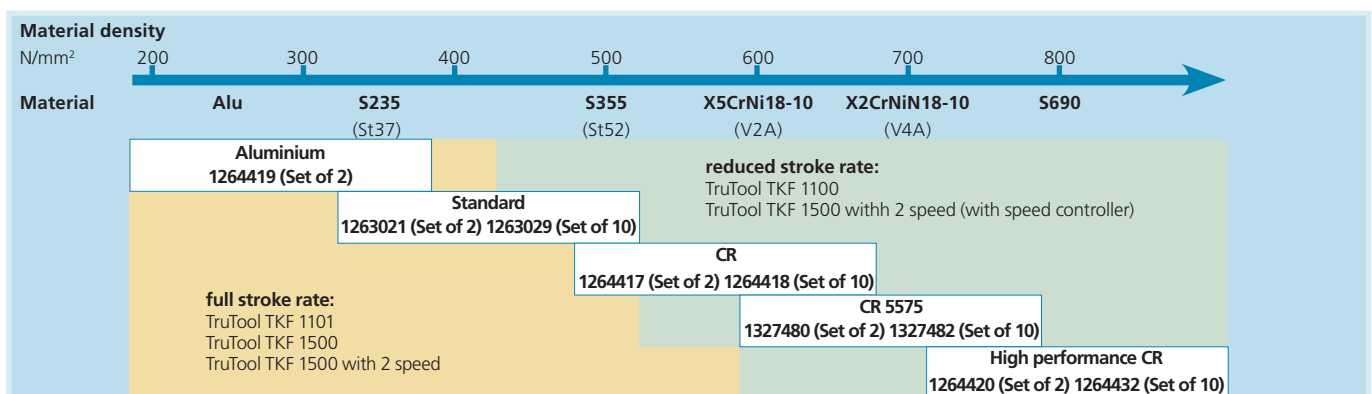
Carrier 30°, 37,5°, 45°



Work station

With stand, without stand
Ideal for processing small parts at the work site

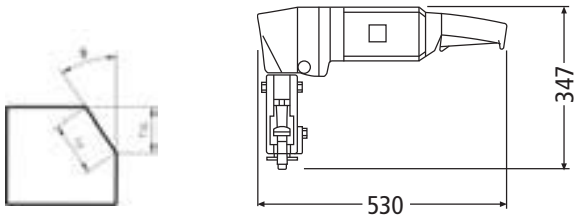
Recommendation cutting tool



Bevelling

Bevellers (power tools)

TruTool TKF 1500



- Bevelling angle easily adjustable from 20° to 55°
- Processes pipe with a minimum inside diameter of 30 mm
- Roller guide reduces vibration for comfortable machining and longer cutter life
- Processing of T- and double T-carriers

Technical Data TruTool TKF 1500

Bevel angles (Standard) 20°– 45° **230 V** **110 V**

Bevel angles (with special stripper) 20°– 55°

Max. bevel length

	mm	230 V	110 V
Steel 400 N / mm ²	mm	15	15
Steel 600 N / mm ²	mm	9	9
Steel 800 N / mm ²	mm	6	6
Sheet thickness	mm	4 – 160	4 – 160
Smallest radius	mm	55	55
Working speed	m / min	2	2
Rated input power	W	2000	2000
Strokes at nominal load	1 / min	370	340
Weight without cable	kg	16.5	16.5

Accessories TruTool TKF 1500

Included accessories

Cutting tool standard		integrated
Chip box		0023209
Grip socket		0023229
Grip pipe		0023206
Roll holder right coupling		1238982
Hexagonal screw	M 10 x 20 – 10.9 DIN 933	0017302
2 hexagonal screws	M 10 x 25 – 10.9 DIN 933	0017310
Key	AL 17 DIN 3113	0078310
Hex head wrench	6 mm	0118860
Punch and nibble oil for steel	500 ml bottle	0103387
Tube grease «S1»	25 g	0121486
Grease gun		0068624
Setting gauge		1411767
Choice card cutter		1332341

Available accessories

Cutting tool standard	(set of 2, 1263021)	(set of 10, 1263029)
Cutting tool for Aluminium		(set of 2, 1264419)
CR cutting tool	(set of 2, 1264417)	(set of 10, 1264418)
Cutting tool CR 5575	(set of 2, 1327480)	(set of 10, 1327482)
Cutting tool ST high performance CR	(set of 2, 1264420)	(set of 10, 1264432)
Glide box 1 piece		0038351
Roller guide – left coupling		1240848
Carbon brush (set of 2)	110 – 120 V	1391646
Carbon brush (set of 2)	220 – 230 V	1264362
Lamella (set of 4)	pneumatic	0112172

Further options

Suspension bracket		0023210
Adjustment set (complete)	for 40 – 80 mm sheet thickness	0023203
Adjustment set (complete)	for 80 – 120 mm sheet thickness	0023204
Adjustment set (complete)	for 120 – 160 mm sheet thickness	0027799
Roll holder, including stripper, pipe diameter -Ø 90 – 200 mm		0005123
Adapter for pipe machining, pipe diameter-Ø 30 – 120 mm		0027798
Stripper	wear part for 0027798	0023242
Special stripper 55°		0032119
Work station with stand		0005079
Work station without stand		0005080
Stand		0003677
Grease «S1»	900 g	0139440
Carrying case		0121585
Noise suppressor for motor	pneumatic	0114244
Lamella (set of 4)	pneumatic	0112172
Lubricating grease «S1»	1 kg	0342887
Punch and nibble oil for steel	500 ml bottle	0125874
Punch and nibble oil for aluminium	1000 ml bottle	0125874

Bevelling Bevellers (power tools)



**Pipe processing,
Roller plate**
For pipes with outer
diameter of 90 – 200 mm



**Adjustment set for larger
workpieces**
40 – 80 mm
80 – 120 mm
120 – 160 mm



Adapter piece
For pipes with outer diameter
of 30 – 120 mm

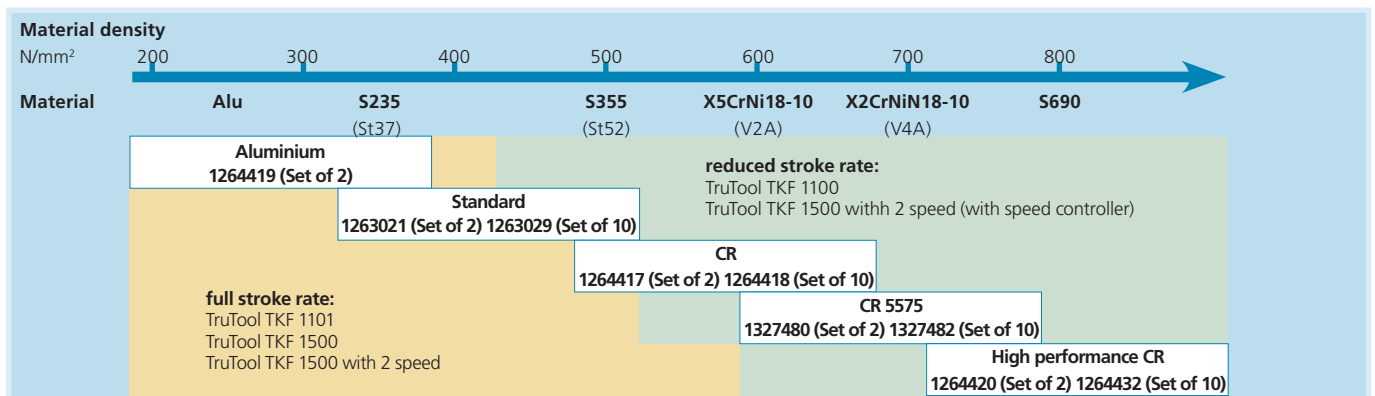


**Hanging hook for
balancer**
For comfortable machi-
ning with maximum
mobility



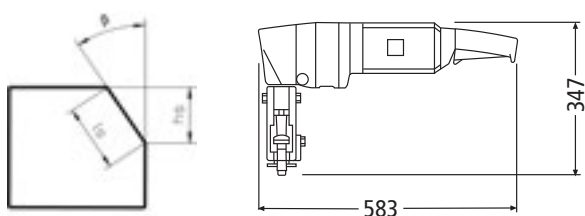
Work station
For machining small
parts at the work site

Recommendation cutting tool



Bevelling Bevellers (power tools)

TruTool TKF 1500 with 2 speed



- Two-speed gear box for stainless and other high tensile applications
- Bevelling angle easily adjustable from 20° to 55°
- Roller guide reduces vibration for comfortable machining and extended cutter life
- Bevels curved edges with a minimum radius of 130 mm
- Processes pipe with a minimum inside diameter of 30 mm
- Processing of T- and double T-carriers

Technical Data TruTool TKF 1500 with 2 speed

Bevel angles (standard) 20°– 45°		230 V	110 V
Bevel angles (with special stripper) 20°– 55°			
Max. bevel length		1 st gear / 2 nd gear	1 st gear / 2 nd gear
Steel 400 N / mm ²	mm	15 / 15	15 / 15
Steel 600 N / mm ²	mm	11 / 9	11 / 9
Steel 800 N / mm ²	mm	9 / 6	9 / 6
Sheet thickness	mm	4–160 / 4–160	4–160 / 4–160
Smallest radius	mm	55 / 55	55 / 55
Working speed	m / min	1.25 / 2	1.25 / 2
Rated input power	W	2000 / 2000	2000 / 2000
Strokes nominal load	1 / min	230 / 370	210 / 340
Weight without cable	kg	19.5 / 19.5	19.5 / 19.5

Accessories TruTool TKF 1500 with 2 speed

Included accessories

Cutting tool standard		integrated
Chip box		0023209
Grip socket		0023229
Grip pipe		0023206
Hexagon screw	M 10 x 20 – 10.9 DIN 933	0017302
2 hexagon screws	M 10 x 25 – 10.9 DIN 933	0017310
Key	AL 17 DIN 3113	0078310
Hex head wrench	6 mm	0118860
Punch and nibble oil for steel	500 ml bottle	0103387
Tube grease «S1»	25 g	0121486
Grease gun		0068624
Setting gauge		1411767
Choice card cutter		1332341

Available accessories

Cutting tool Standard	(set of 2, 1263021)	(set of 10, 1263029)
Cutting tool Aluminium		(set of 2, 1264419)
CR Cutting tool	(set of 2, 1264417)	(set of 10, 1264418)
Cutting tool CR 5575	(set of 2, 1327480)	(set of 10, 1327482)
Cutting tool ST high tensile steel	(set of 2, 1264420)	(set of 10, 1264432)
Glide box	1 piece	0038351
Roller guide left coupling		1240848
Carbon brush (set of 2)	110 – 120 V	1391646
Carbon brush (set of 2)	220 – 230 V	1264362
Lamella (set of 4)	pneumatic	0112172

Further options

Suspension bracket		0023210
Adjustment set (complete)	for 40 – 80 mm sheet thickness	0023203
Adjustment set (complete)	for 80 – 120 mm sheet thickness	0023204
Adjustment set (complete)	for 120 – 160 mm sheet thickness	0027799
Roll holder, including stripper, pipe diameter - Ø 90 – 200 mm		0005123
Tube processing element, tube inner - Ø 30 – 120 mm		0027798
Stripper	wear part for 0027798	0023242
Special stripper 55°		0032119
Work station with stand		0005079
Work station without stand		0005080
Stand		0003677
Carrying case		0121585
Noise absorber for motor	pneumatic	0114244
Lamella (set of 4)	pneumatic	0112172
Lubricating grease «S1»	1 kg	0342887
Grease «S1»	900 g	0139440
Punch and nibble oil for steel	500 ml bottle	0103387
Punch and nibble oil for aluminium	1000 ml bottle	0125874

Bevelling Bevellers (power tools)



**Pipe processing,
Roller plate**
For pipes with outer
diameter of 90 – 200 mm



**Adjustment set for larger
workpieces**
40 – 80 mm
80 – 120 mm
120 – 160 mm



Adapter piece
For pipes with outer diameter
of 30 – 120 mm

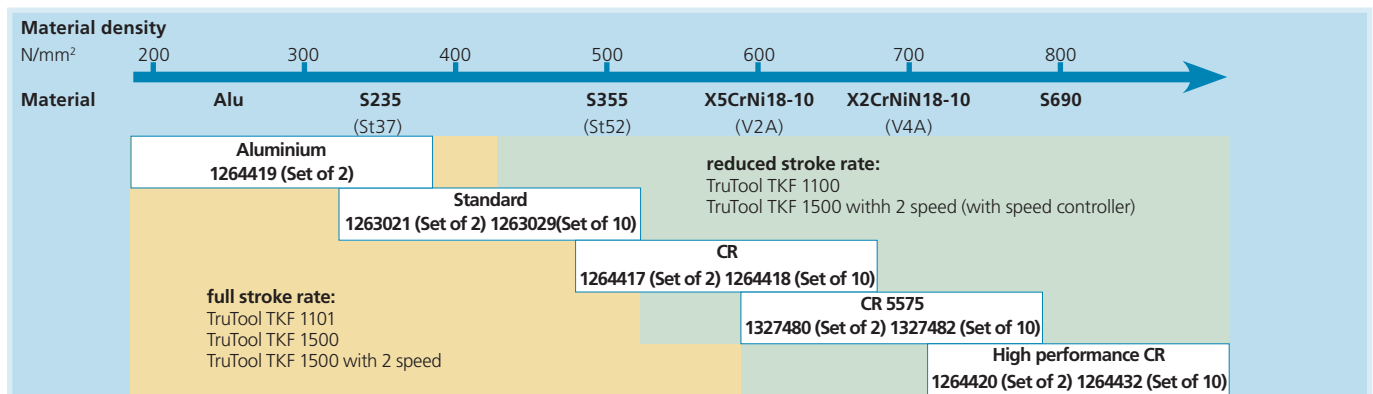


Hanging hook for balancer
For comfortable machining
with maximum mobility



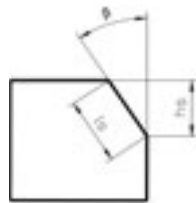
Work station
For machining small
parts at the work site

Recommendation cutting tool



Bevelling Bevellers (pneumatic tools)

TruTool TKF 104 pneumatic



- Mounting brackets for bevel angles of 30°, 37.5° or 45°
- Processes pipe with a minimum inside diameter of 80 mm
- Bevels curved edges with a minimum radius of 50 mm

Technical Data TruTool TKF 104 pneumatic

Bevel angles		30°	37.5°	45°
Max. bevel height				
Steel 400 N / mm ²	mm	9.5	8.7	7.8
= Bevel length	mm	11	11	11
Steel 600 N / mm ²	mm	7.8	7.1	6.4
= bevel length	mm	9	9	9
Steel 800 N / mm ²	mm	5.2	4.8	4.2
= bevel length	mm	6	6	6
Sheet thickness	mm	3 – 25	3 – 25	3 – 25
Smallest inner radius	mm	50	50	50
Working speed	m / min	2.5	2.5	2.5
Rated input power	W	2900	2900	2900
Strokes at nominal load	1 / min	340	340	340
Required air volume by 6 bar	m ³ / min	3.1	3.1	3.1
Hose connection	mm	18	18	18
Weight	kg	13,3	13,3	13,3

Accessories TruTool TKF 104 pneumatic

Included accessories

Cutting tool standard		integrated
Hex head wrench	DIN 911-12	0067920
Hex head wrench	DIN 911-6	0067865
1 cylinder screw	M 14 x 25 – 8.8 DIN 912	0099123
2 cylinder screws	M 14 x 45 – 8.8 DIN 912	0105083
1 cylinder screw	M 14 x 25 – 12.9 DIN 912	0014907
Spring loaded key pin	4 x 12 FDST	0070858
Hand grip		0103555
Adjustable grip		0110400
Support roll		0131559
Roller guide, complete		0104305
Punch and nibble oil for steel	500 ml bottle	0103387
Tube Lubricant «S1»	25 g	0121486
Grease gun		0068624

Available accessories

Cutting tool standard	(set of 2, 1263021)	(set of 10, 1263029)
Cutting tool Aluminium		(set of 2, 1264419)
Cutting tool CR	(set of 2, 1264417)	(set of 10, 1264418)
Cutting tool CR 5575	(set of 2, 1327480)	(set of 10, 1327482)
Cutting tool high-performance CR	(set of 2, 1264420)	(set of 10, 1264432)
Stripper 30°		0104313
Stripper 37.5°		0104314
Stripper 45°		0104315
Support plate	1 piece	0104301
Mount holder	1 piece	0109921
Wearing plate		(set of 2, 1264371)
Lamella (set of 4)	pneumatic	0112172

Further options

Carrier complete 30° with stripper		0104308
Carrier complete 37.5° with stripper		0104309
Carrier complete 45° with stripper		0104310
Punch and nibble oil for steel	500 ml bottle	0103387
Punch and nibble oil for aluminium	1000 ml bottle	0125874
Carrying case		0121585
Chip bag		0116199
Hanging hook		0105001
Work station with stand		0005079
Work station without stand		0005080
Stand		0003677
Lubricating grease «S1»	1 kg	0342887

Technical Data TruTool TKF 700 pneumatic

Bevel angles		30°	37.5°	45°
Max. bevel height				
Steel 400 N / mm ²	mm	6,1	5.6	4,9
= Bevel length	mm	7	7	7
Steel 600 N / mm ²	mm	4,9	4.5	4
= Bevel length	mm	5.8	5.7	5.6
Steel 800 N / mm ²	mm	3.5	3,2	2,8
= Bevel length	mm	4	4	4.2
Sheet thickness	mm	1 – 20	1 – 20	1 – 20
Smallest inner radius	mm	40	40	40
Working speed	m / min	1.5	1.5	1.5
Rated input power	W	1100	1100	1100
Strokes at nominal load	1 / min	530	530	530
Required air volume by 6 bar	m ³ / min	1.7	1.7	1.7
Hose connection	mm	18	18	18
Weight	kg	5.5	5.5	5.5



Accessories see page 75

Technical Data TruTool TKF 1500 pneumatic

Bevel angles 20° – 45° – (50°)

Max. bevel height		
Steel 400 N / mm ²	mm	15
Steel 600 N / mm ²	mm	9
Steel 800 N / mm ²	mm	6
Sheet thickness	mm	4 – 160
Smallest inner radius	mm	55
Working speed	m / min	2
Rated input power	W	2900
Strokes at nominal load	1 / min	370
Required air volume by 6 bar	m ³ / min	3.1
Hose connection	mm	18
Weight	kg	16.5



Accessories see page 79

Technical Data TruTool TKF 1500 with 2 speed pneumatic

Bevel angles 20° – 45° – (50°)

Max. bevel height		1 st gear	2 nd gear
Steel 400 N / mm ²	mm	15	15
Steel 600 N / mm ²	mm	11	9
Steel 800 N / mm ²	mm	9	6
Sheet thickness	mm	4 – 160	4 – 160
Smallest inner radius	mm	55	55
Working speed	m / min	1.25	2
Rated input power	W	2900	2900
Strokes at nominal load	1 / min	230	370
Required air volume by 6 bar	m ³ / min	3.1	3.1
Hose connection	mm	18	18
Weight	kg	19	19



Accessories see page 81