

Cutt	Cutters - summary							
	Type of cut	Order code	lenght mm	cutting force kg	copper Ø mm		safety clip order code	type of clip
		TR 20 M	134	3	0.81	20	TR 20 M A	AF
	M	TR 20 SM	134	3	0.81	20	TR 20 SM A	AF
	M	TR 25 P	135	3.5	1.02	18	TR 25 P A	AF
	M	TR 25	138	5	1.30	16	TR 25 A	AF
	M	TR E 03 NB	138	3	1.30	16	TR E 03 NB A	AF
flush cut		TR 25 L	165	3	1.30	16	TR 25 L A	AF
Ĩ	M	TR 25 L 25	160	3	1.30	16	TR 25 L 25 A	AF
	M	TR 30	138	5.5	1.30	16	TR 30 A	AL
	M	TR 30 58 R	138	6.5	1.63	14	TR 30 58 R A	AL
	M	TR 58 R	137	9	2.05	12	TR 58 R A	AL
	M	TRR 58 G	160	1.5	2.59	10	-	
	M	TR 5000 R	138	8	2.00	12	TR 5000 R A	AF
		TR 5000 PR	138	5	1.60	14	TR 5000 PR A	AF
ā		TR 25 B	138	5	1.02	18	TR 25 B A	AF
rounded flush cut		TR 30 B	138	5.5	1.02	18	TR 30 B A	AL
flush		TRR 58 B	160	3	2.05	12	*	•
Ë		TR 5000 PG	138	5	1.02	18	TR 5000 PG A	AF
	14	TR 30 58	138	8.5	1.63	14	TR 30 58 A	AL
Q.	N 4	TR 58	137	11	2.05	12	TR 58 A	AL
amfer	M	TRR 58	160	15	2.59	10	TRR 58 A	AL
chamfered cut	N4	TR 5000	138	12	2.05	12	TR 5000 A	AF
	N 4	TR 5000 P	138	8	1.63	14	TR 5000 P A	AF
	N4	TRR 5000	138	14	2.59	10	TRR 5000 A	AF
reverse cut		TR 25 15	138	5	1.30	16	÷	-
arse It		TR 25 15 L	160	3	1.30	16		*
	M	TR 20 VM	136	2	0.64	22	-	*
(in hig	M	TR 30 V	144	3	1.02	18	*	
flust gh der	M	TR 5000 V	147	3.5	1.30	16	-	
flush cut (in high density areas)	M	TR 25 50	135	5	1.30	16		~
reas)	M	TR 20 50 M	131	2	0.64	22		*
	M	TR 5000 W	147	3.5	1.30	16	-	

	Type of cut	Order code	lenght mm	cutting force kg	copper Ø mm		safety clip order code	type of clip
	14	TR 30 10	138	5.5	1.30	16		
(at 1	1	TR 5000 10	147	5.5	1.30	16	91	-
1,3-1	14	TR 5000 13	147	5.5	1.30	16	(7)	-
flush cut (at 1-1,3-1,5 mm from surface)	1	TR 5000 15	147	5.5	1.30	16	(*)	•
from E	14	TR 30 15 V	144	3	1.02	18	-	*
surfac	1	TR 30 15	138	5.5	1.30	16	91	~
<u>(e</u>	14	TR 50 15	138	8	1.63	14		*
	14	TR 50 20	138	8	1.63	14	*)	•
IC pin cut		TR 30 T	137	2.5	1.02	18	-	*
두일	M	TR 20 TM	130	2	0.64	22	9/	¥*
vertical flush cut	L	TR 5045 V	147	3	1.30	16		÷

Cutters - description TR 20 M Tool for a flush cut. The reduced size and refined and anatomic style of this tool make it ideal for work in tight places and for delicate electronic work. Thickness 2mm. Dissipative version available. 0.81 3 20 134 Tool for a flush cut. Same characteristics as the TR 20 M, but with rounded edges. 00 Thickness 2mm. Dissipative version available. 134 0.81 21° 10 Tool for a flush cut with particularly sharp cutting edges. Purposely designed for very delicate work in electronics. Thickness 2.5mm. Dissipative version available. 1.02 138 3.5





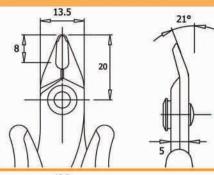


TR 25 Tool for a flush cut. Lightweight and easy to handle. Purposely designed for work in electronics.

Thickness 2.5mm

Dissipative version available.

	lenght	cutting	copper wire	copper wire
	mm	force kg	Ø mm	awg
Г	138	5	1.30	16





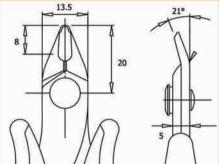
TRE 03 NB

Tool for a flush cut. Purposely designed as the simplified version of the TR 25 but with the same main characteristics.

Thickness 2.5mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
num	force kg	0 mm	
138	3	1.30	16





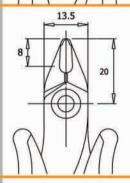
TR 25 L

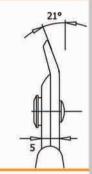
Tool for a flush cut. Same characteristics as TR 25, but specially designed with longer handles to reduce the force needed by the operator.

Thickness 2.5mm.

Dissipative version available.

lunght	cutting	copper wire	copper wire
num	force kg	Ø mm	
165	3	1.30	16







TR 25 L 25

Tool for a flush cut. The special 25° angle permits the use in poorly accessible areas and its longer handles reduce the force needed by the operator. Thickness 2.5mm.

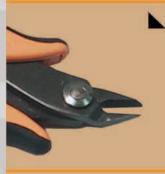
Dissipative version available.

1.30

16

3

l —
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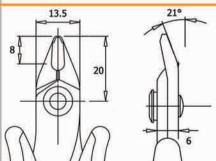


TR 30

Tool for a flush cut. An upgraded version of the TR 25, with stronger blades.
Thickness 3.0mm
Dissipative version available.

160

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
138	5.5	1.30	16

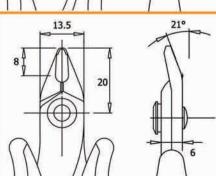




Tool for a flush cut. Also particularly suitable for the cutting of ferrous material, due to the special tratment

Thickness 3.0mm

lenght	cutting	copper wire	copper wire
mm	force kg	D mm	
138	6.5	1.63	14



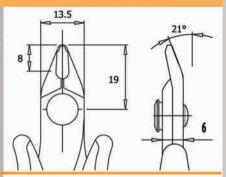


Tool for a flush cut. The special treatment of the blades make this tool particularly suitable for the cutting of ferrous material.

Thickness 3.0mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	O mm	awd
137	9	2.05	12



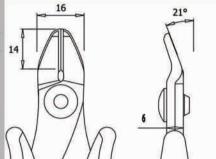


Tool for a flush cut very strong, suitable, apart from work in electronics, also for use by goldsmiths in the cutting rubber seal.

Thickness 3.0mm.

Dissipative version available.

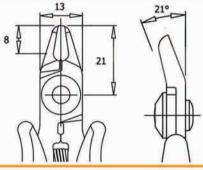
lenght	cutting	copper wire	
mm	force kg	Ø mm	
160	1.5	2.59	10





TR 5000 R
Strong flush cutting tool. Due to the perfect joint between the quality ground faces of the two halves, it is possible to lengthen the life and maintain the perfect functioning of the tool.
Thickness 5.0mm.
Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
138	8	2.00	12



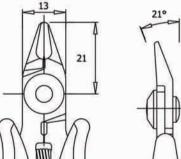


TR 5000 PR

Strong flush cutting tool with pointed cutting blades. Due to the perfect joint between the quality ground faces of the two halves, it is possible to lengthen the life and maintain the perfect functioning of the tool. Thickness 5.0mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
138	5	1.60	14

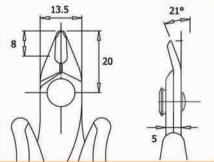




Tool for a flush finished cut. Lightweight and easy to handle with swelled blades, leaving the cut well finished. Suitable for work with plastic. Thickness 2.5mm.

Dissipative version available.

nght min	cutting force kg	copper wire.	copper wire
138	5	1.02	18

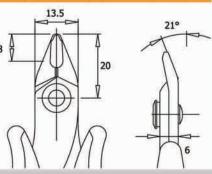




Tool for a flush finished cut. Lightweight and easy to handle with swelled blades, leaving the cut well finished. Suitable for work with plastic.

Thickness 3.0mm.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
138	5.5	1.02	18









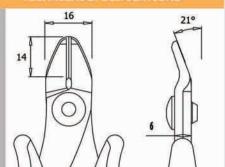
TRR 58 B

Strong tool for a flush cut. Swelled surface of the blades enables a well finished cut.

Thickness 3.0mm. Dissipative version available.

	Company with

160	3	2.05	12





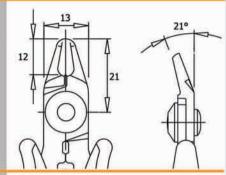
TR 5000 PG

Strong flush cutter with pointed, well finished cutting blades. The swelling in the cutting edges enables very well finished cutting. Suitable for trimming in the plastic field.

Thickness 5.0mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
138	5	1.02	18





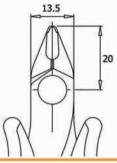
TR 30 58

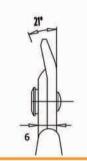
Chamfered cutting tool. the special treatment of the blades also make this tool particularly suitable for the cutting of ferrous material.

Thickness 3.0mm.

Dissipative version available.

lenght mm	cutting force kg	copper wire	
138	8.5	1.63	14





21°

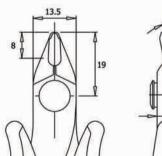


TR 58

Tool for a chamfered cut. A stronger version of the TR 30 58 model, maintaining the same characteristics. Thickness 3.0mm.

Dissipative version available.

lenght	cutting	copper wire	opper win
mm	force kg	Ø mm	
137	11	2.05	12



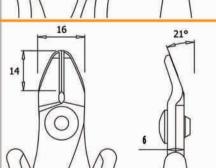


Strong tool for a chamfered cut. Particularly suitable for cutting material of a resistant nature.

Thickness 3.0mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
160	15	2.59	10



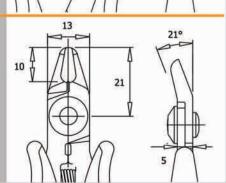


TR 5000

Strong chamfered cutting tool. Due to the perfect joint between the quality grounf faces of the two halves, it is possible to lengthen the life and to maintain the perfect functioning of the tool.

Thickness 5.0mm.
Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	6 mm	
138	12	2.05	12

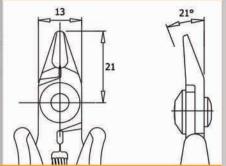


TR 5000 P

Strong chamfered cutting tool with pointed cutting blades. Due to the perfect joint between the quality ground faces of the two halves, it is possible to lengthen the life and maintain the perfect functioning of the tool. Thickness 5mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
138	8	1.63	14



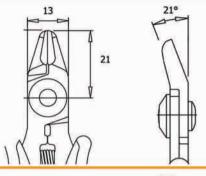


TRR 5000

Strong chamfered cutting tool.
Ideal to cut materials of a resistant nature.
Thickness 5mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
138	14	2.59	





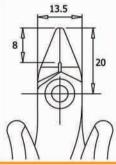
TR 25 15

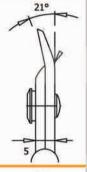
Tool with reverse cut. Terminal wire cut at 1.5mm from the surface.

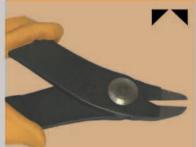
Thickness 2.5mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
138	5	1.30	16





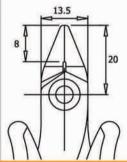


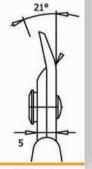
TR 25 15 L

Tool with reverse cut. Same characteristics as TR 25 15, but designed with longer handles reduce the force needed by the operator. Thickness 2.5mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	
160	3	1.30	16



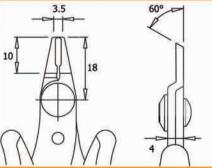




Tool for a front, flush cut. The reduced size and the special 30° angle permits the tool to be easily used in otherwise poorly accessible areas. Thickness 2.0mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	G num	awg
136	2	0.64	22

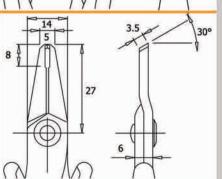




TR 30 V

Tool for a front, clean, flush cut. The special 30° angle permits the tool to be easily used in otherwise poorly accessible areas. Thickness 3.0mm.

lenght	cutting	copper wire	copper wire
mm	force kg		awn
144	3	1.02	18









TR 5000 V Special 30° angled tool for a front, flush cut, enabling work in a poorly accessible areas. Same as TR 30 V with thickness of 5mm.

Dissipative version available.

lenght	cutting	copper wire	
min	force kg	Ø nim	
147	3.5	1.30	16



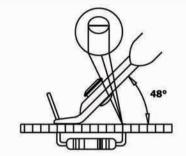


TR 25 50

Tool for a flush cut, with inclined 48° blades, for specific work in electronics.

Dissipative version available.

lenght.	cutting	copper wire	copper wire
	force kg	0 mm	awg
135	5	1.30	16



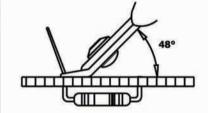


TR 20 50 M

Particularly thin nose tool for a flush cut with inclined 48° blades. Ideal for reaching places otherwise difficult. Thickness 2.0mm.

Dissipative version available.

lenght	cutting	copper wire	
mm	force kg	Ø mm	
131	2	0.64	22





TR 5000 W

Tool for a front, flush cut, enabling work in very dense areas with possibility to set the cutting height from the surface (from 0 to 5mm).

Thickness 5.0mm.

Dissipative version available.

feinght	cutting	copper wire	copper wire
mm	force kg	p mm	
147	3.5	1.30	16





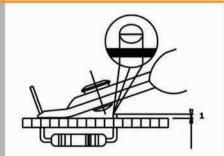
TR 30 10

Tool for a clean, flush cut. Specially designed for cutting component wires 1mm from the surface.

Thickness 3.0mm.

Dissipative version available.

lenght	cutting	capper wire	copper wire
mm	force kg	Ø mm	awg
138	5.5	1.30	16



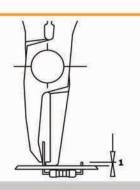


TR 5000 10

Specially designed tool for front cutting, suitable for access in dense areas of PCBs. It cuts the component lead at 1mm from the surface.

Thickness 5.0mm.

langht	cutting	copper wire	copper wire
min	force kg	0 mm	
147	5.5	1.30	16

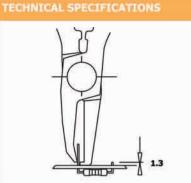




TTR 5000 13
Specially designed tool for front cutting, suitable for access in dense areas of PCBs. It cuts the component lead at 1.3mm from the surface.
Thickness 5mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
nim	force kg	Ø mm	awg
147	5.5	1.30	16



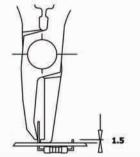


Specially designed tool for front cutting, suitable for access in dense areas of PCBs. It cuts the component lead at 1.5mm from the surface.

Thickness 5mm.

Dissipative version available.

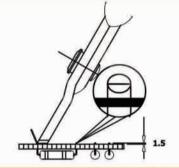
lenght mm	cutting force kg	copper wire	copper wire
147	5.5	1.30	16





TR 30 15 VFront cutting 30° angled tool. Specially designed for cutting component wires 1.5mm from the surface. Thickness 3.0mm.
Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
144	3	1.02	18



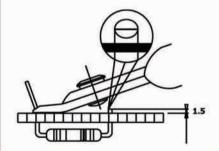


Tool for a clean, flush cut. Specially designed for cutting component wires 1.5 mm from the surface.

Thickness 3.0mm.

Dissipative version available.

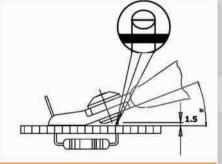
hengist	cutting	copper wire	copper wire
mm	force kg	Ø mm	
138	5.5	1.30	16





Tool for a clean, flush cut. Specially designed for cutting component wires 1.5 mm from the surface. Thickness 5.0mm. Dissipative version available.

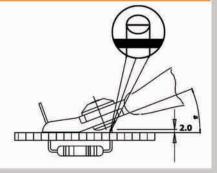
	lenght mm	cutting force kg	copper wire Ø mm	copper wire awg
Г	140	8.0	1.63	14





Tool for a clean, flush cut. Specially designed for cutting component wires 2.0 mm from the surface. Thickness 5.0mm.

lenght	cutting	copper wire	copper wire
mm	force kg	D mm	awa
140	8.0	1.63	14







TR 30 TSpecially designed tool for the cutting of integrated circuit pins. High precision, easy to use tool. Thickness 3mm. Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	
137	2.5	1.02	18





Specially designed tool for the cutting of integrated circuit pins. The very small size of the cutting blades, specially angled at 48°, enables closely placed pins to be cut.

Thickness 2mm.

Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	Ø mm	awg
130	2	0.64	22





TR 5045 VFront, flush cutting, 45°angled. Thickness 5mm.
Dissipative version available.

lenght	cutting	copper wire	copper wire
mm	force kg	O nim	
147	3	1.30	16

