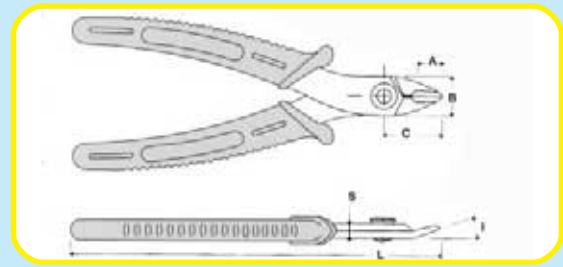


CUTTING - NIPPERS

Specially developed for the electronic, these tools are made out a special carbon steel, with elastic, ergonomic PVC handles, in two versions:

ESD **black** ($10^6 - 10^9 \Omega$)
INSULATING **blue**

A patented safety clip to prevent the cut lead to spring out dangerously is available.



USE	TYPE OF CUT	WT	dia.max Copper wire		DIMENSIONS						CODE	HANDLES		SAFETY CLIP
			gr.	mm	AWG	A	B	C	S	L		I	ESD black	
normal For lead diameter to 1mm	Clean cut 	60	1,02	18	8	13,5	20	5	138	21°	TRE 03 NB TRE 03 AB TRE 03 NBD TRE 03 ABD	• • • •	• •	• •
normal For lead diameter to 1,3mm	Clean cut 	65	1,30	16	8	13,5	20	5	128	21°	TR 30 TR 30 A TR 30 D TR 30 AD	• • • •	• •	• •
normal with 45° bending nose for lead diameter to 1,3mm	Clean cut 	65	1,30	16	8	13,5	20	5	128	45°	TR 2550 TR 2550 D	•	•	
normal for lead diameter to 2mm	Clean cut 	75	2,05	12	8	13,5	20	6	128	21°	TR 58 R TR 58 RA TR 58 RD TR 58 RAD	• • • •	• •	• •
heavy for lead diameter to 2,5mm	Blunt cut 	100	2,59	10	12	16,5	25	6	148	21°	TRR 58 TRR 58 A TRR 58 D TRR 58 AD	• • • •	• •	• •
micro for lead diameter to 0,8mm	Clean cut 	45	0,81	20	8	9,5	18	4	118	21°	TR 20 M TR 20 MA TR 20 MD TR 20 MAD	• • • •	• •	• •
micro for lead diameter to 1mm	Clean cut 	60	1,02	18	8	10	18	5	128	21°	TR 25 P TR 25 PA TR 25 PD TR 25 PAD	• • • •	• •	• •
micro with 48° bending nose for lead diameter to 0,6mm	Clean cut 	45	0,64	22	8	9,5	18	4	118	48°	TR 2050 M TR 2050 MD	•	•	
micro reversed cut with 48° bending nose specially developed for IC leads	Clean back cut 	45	0,64	22	8	9,5	18	4	118	48°	TR 20 TM TR 20 TMD	•	•	