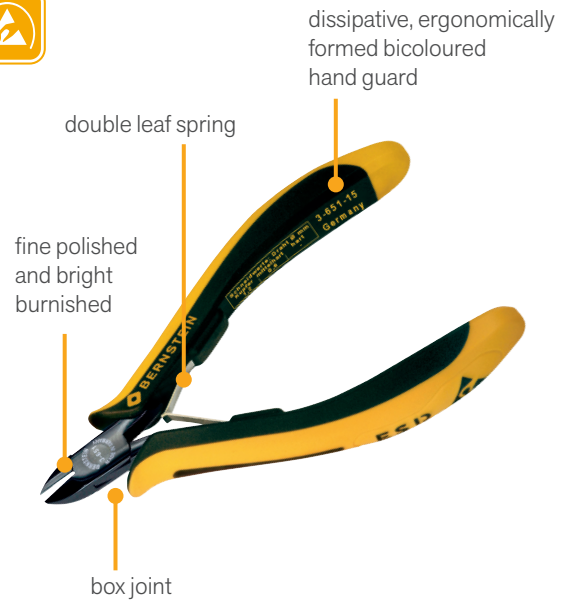


EUROline

Made from high quality tool steel, fine polished and bright burnished, for dazzle free working, box joint, with dissipative ergonomically formed bicoloured hand guard and replaceable double leaf spring.



ESD ELECTRONIC PLIERS EUROline

CUTTING PLIERS

No.	Length mm	Head width mm	Finish	Cutting capacity			Weight g
				Wire soft	mm medium	Ø hard	

Mini side cutters

with very slim, rounded head for finest operations

3-651-15	120	10	flush	1.5	0.8	-	65
3-651-15 DR	120	10	flush	1.5	0.8	-	65

with retaining spring



3-651-15



3-651-15 DR

Mini side cutters

with very slim, pointed head for finest operations

3-652-15	120	10	flush	1.5	0.8	-	60
3-653-15	120	10	flush	1.5	0.8	-	60

with special flat cutting edge



3-652-15



3-653-15

Side cutters

with very slim, pointed head for finest operations

3-654-15	125	11	semi flush	1.5	1.0	0.4	70
3-655-15	125	11	flush	1.5	1.0	-	70



3-654-15



3-655-15

Side cutters

with slim, pointed head

3-656-15	125	11	semi flush	1.5	1.0	0.3	70
3-657-15	125	11	flush	1.5	1.0	-	70
3-658-15	125	11	full flush	1.5	0.6	-	70



3-656-15



3-657-15

CUTTING PLIERS

No.	Length mm	Head width mm	Finish	Cutting capacity			Weight g
				Wire soft	mm medium	Ø hard	

Side cutters

with rounded head

3-668-15	135	14	semi flush	2.0	1.5	0.7	110
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Side cutters

with pointed head

3-669-15	135	14	flush	2.0	1.5	-	110
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End cutters

Extremely slim, flush, for precision work at points difficult to reach

3-671-15	130	10	straight	0.8	0.6	-	65
3-672-15	130	10	cutting edge 20° angular	0.8	0.6	-	70

Top cutters

extremely slim, flush, head 45° angular, for flush cutting directly in front of and behind the components

3-673-15	130	10	cutting edge insiden	0.8	0.6	-	60
3-674-15	130	10	cutting edge inside	0.8	0.6	-	60

Oblique top cutters

cutting plane 29° angular, flush cutting for horizontal and vertical use

3-675-15	115	10	flush	1.2	1.0	0.4	65
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No.	Length mm	Head width mm	Finish	Cutting capacity			Weight g
				Wire soft	mm hard	Ø piano	

Carbide mini side cutters

for continuous heavy work, with inserted carbide cutting edges, also for tough nickel and electrode wires

3-661-15	120	11	semi flush, very slim, rounded head	2.0	1.0	0.6	70
3-663-15	120	11	flush, very slim pointed head with special flat cutting edge	1.8	0.8	0.4	65

Carbide oblique top cutters

for continuous heavy work, with inserted carbide cutting edges, cutting plane 29° angular, for horizontal and vertical use, also for tough nickel and electrode wires

3-667-15	115	11	flush	2.0	1.0	0.6	65
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Glass fibre mini side cutters

for continuous heavy work, with inserted carbide cutting edges, with special side face, for cutting glass fibre only, max. Ø 2.0 mm

3-665-15	120	11	very slim rounded head, special flush				70
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3-668-15



3-669-15



3-671-15



3-672-15



3-673-15



3-674-15



3-675-15



3-661-15



3-663-15



3-667-15



3-665-15

GRIPPING PLIERS

No.	Length mm	Head width mm	Finish	Weight g
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Round nose pliers

extremely slim

3-681-15	130	10	short plain jaws	65
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Flat nose pliers

extremely slim, short jaws

3-682-15	130	10	short plain jaws	70
3-688-15	130	9	short ultra slim plain jaws	60

Flat nose pliers

extremely slim

3-683-15	130	10	short plain jaws	70
3-685-15	140	10	long plain jaws	70
3-686-15	140	10	long serrated jaws	70
3-687-15	130	10	short plain jaws, ultra slim pointed, for precise handling of tiny components	70
3-689-15	145	10	long plain jaws, angled	70



3-681-15

3-682-15

3-688-15

3-683-15

3-685-15

3-686-15

3-687-15

3-689-15

NEW



3-960 VE
6-pcs. set consisting of:

4 pliers from the EUROLINE series
2 ESD Tweezers

lined up on the ESD tool holder VARIO
for mounting or hanging

Content: Side cutters Art. No. 3-651-15, End cutters Art. No. 3-672-15,
flat nose pliers Art. No. 3-682-15, flat nose pliers Art. No. 3-683-15,
2 ESD Tweezers, straight Art. No. 5-055-13 and curved Art. No. 5-078-13



3-960 VE

NEW



3-960 E
ESD pliers set from the EUROLINE series

ESD pliers in a dissipative bag with slip-in compartments, 4-pcs.,
with dissipative, bicoloured hand guard:

Content: Side cutters Art. No. 3-651-15, End cutters Art. No. 3-672-15,
flat nose pliers Art. No. 3-682-15, flat nose pliers Art. No. 3-683-15

Also available as **3-680** in a handy zipper case black dissipative artificial leather
for highest quality requirements.



3-960 E