

swiss made +

ideal-tek s.a.
manufacturer of high precision tools and instruments

tungsten carbide cutters

技术咨询与报价
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IDEAL-TEK | RED DOT DESIGN AWARD WINNER 2014

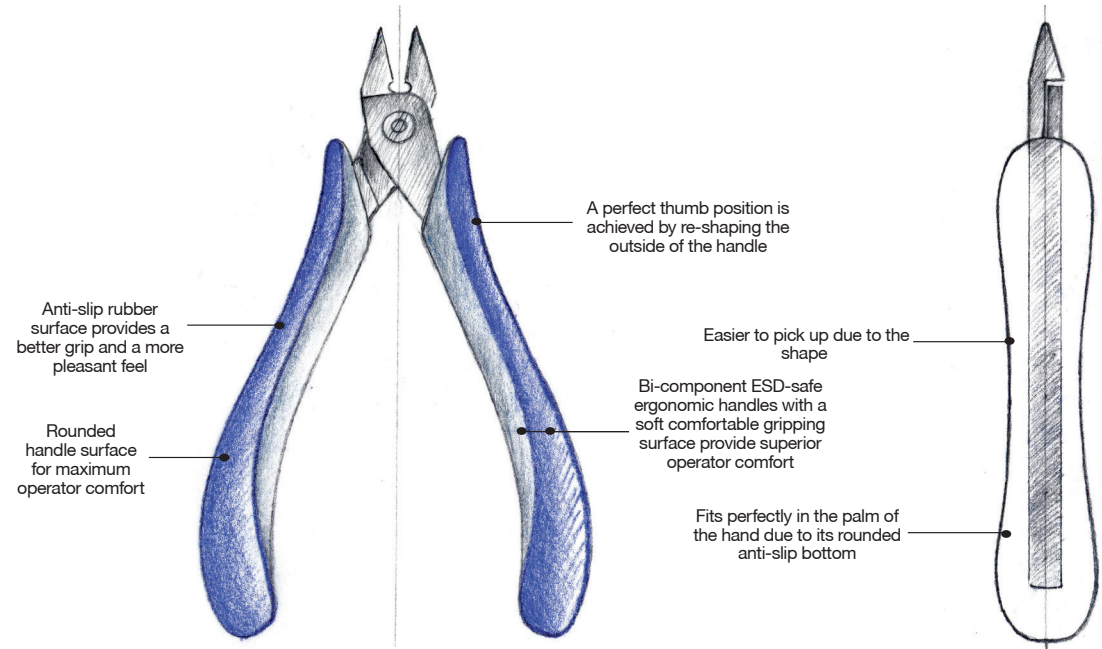


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Statement by Red Dot jury: Ergo-tek has excellent tactile qualities as a result of its high ergonomics and carefully thought-out material textures.

Following the User-Centered Design approach of one of the world's most respected research universities (University of Milan), over a two year period, Ideal-tek gained a full understanding of the needs, wants and frustrations of end users.

Subsequent painstaking attention to detail at every stage of the design process resulted in the creation of the ideal handles. Precision Swiss manufacture provides quality, accuracy and longevity. The addition of Italian design brings beauty and elegance.



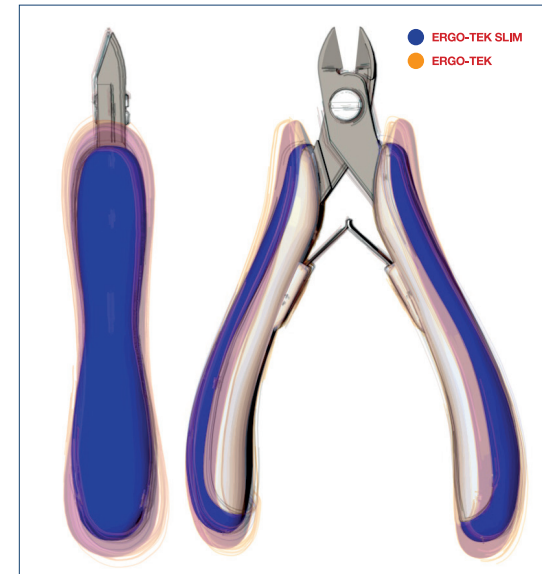
2017

The new lighter weight **ERGO-TEK SLIM** range is designed especially for smaller hands while providing the same ergonomic, ESD safety standards, and technical advantages you expect from Ideal-tek.

Upgraded features:

- Revised ergonomic handle to provide enhanced operator comfort and reduce repetitive motion injuries
- Lighter weight
- Better accessibility and visibility in confined areas

With **Ergo-tek** AND **Ergo-tek slim**, users are now able to custom fit high precision tools to their personal preference and application. No more, one line fits all!





Engineered for hard wires

Tungsten carbide blades

81 HRC hardness

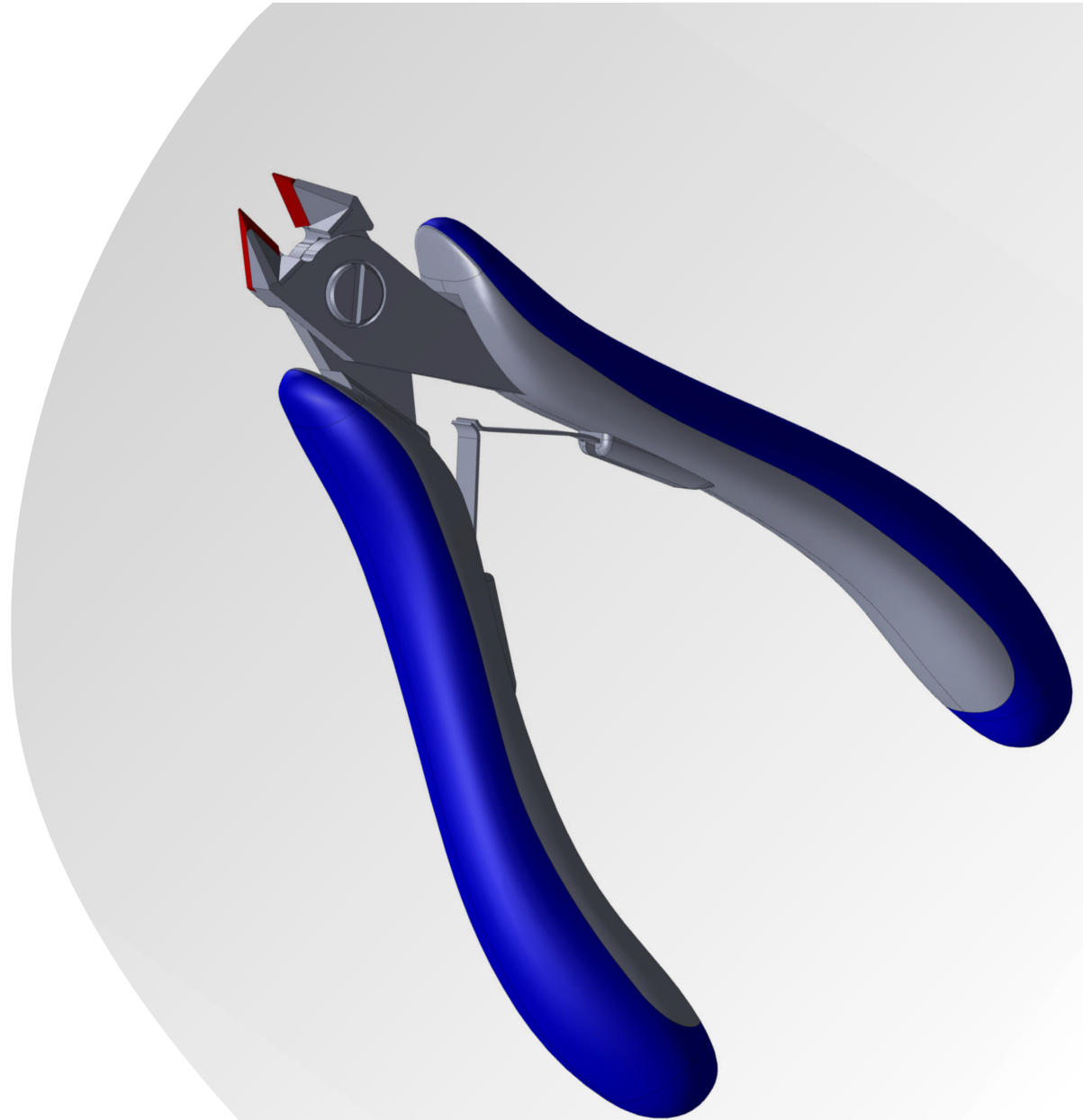
Perfect symmetry

Dual leaf springs made of stainless steel

Lap joint with screw to achieve a high level of strength and precision

Nuts made of hardened alloy steel to resist high cutting load

Fine-pitched screw for perfect joint adjustment





2-Component ESD-safe Ergonomic handles with a soft comfortable gripping surface.

2 sizes: Ergo-tek (E) and Ergo-tek slim (ES)

For every handles production lot Ideal-tek performs the following tests:

- point to point resistance
- surface resistance
- decay time analysis





Application of Ideal-tek cutters line:

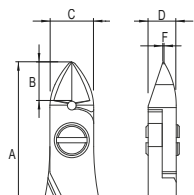
- Stents
- Braided mesh
- Catheters
- Single/Multiple fliers
- Guide wires
- Lateral/Internal cuts





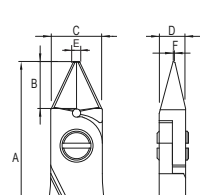
TUNGSTEN CARBIDE CUTTER LINE

Small Oval



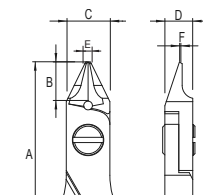
Tungsten Carbide Sharp Tip - Oval Diagonal Cutters

Large Tapered



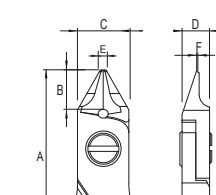
Tungsten Carbide Sharp Tip - Tapered Diagonal

Small Tapered & Relieved



Tungsten Carbide Sharp Tip - Tapered & Relieved Diagonal Cutters

Large Tapered & Relieved



E = ERGO-TEK HANDLE

ES = ERGO-TEK SLIM HANDLE

Art. No.	Type	Head Shape	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]	F[mm]	Cutting Edges	Copper*	Kovar*	Nickel*	Stainless*	Platinum*	Tungsten*	Piano Wire*	NiTiInol*
E140STX ES140STX	Small	Oval	125 120	8	10	6.4	-	0.3	Semi-Flush	•	•	•	•	•	•	•	•
E141TX ES141TX	Small	Oval	125 120	10	10	6.4	-	-	Flush	•	•	•	•	•	•	•	•
E141PTTX ES141PTTX	Small	Oval	125 120	8.5	10	6.4	-	-	Flush	•	•	•	•	•	•	•	•
E142TX ES142TX	Small	Oval	125 120	10	10	6.4	-	-	Full-Flush	•	•	•	•	•	•	•	•
E351TX ES351TX	Large	Tapered	123 118	7.5	12.5	6.4	0.7	0.4	Flush	•	•	•	•	•	•	•	•
E351UFTX ES351UFTX	Large	Tapered	123 118	7.5	12.5	6.4	-	0.5	Flush	•	•	•	•	•	•	•	•
E351PTTX ES351PTTX	Large	Tapered	123 118	6.5	12.5	6.4	4.3	-	Flush	•	•	•	•	•	•	•	•
E352TX ES352TX	Large	Tapered	123 118	7.5	12.5	6.4	0.7	0.4	Full-Flush	•	•	•	•	•	•	•	•

* Depending on the wire



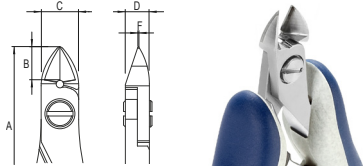
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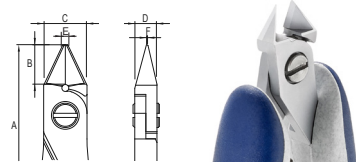
TUNGSTEN CARBIDE CUTTER LINE

Small Oval



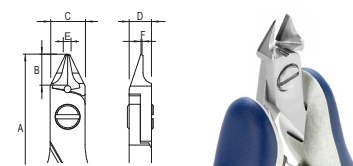
Tungsten Carbide Sharp Tip - Oval Diagonal

Large Tapered



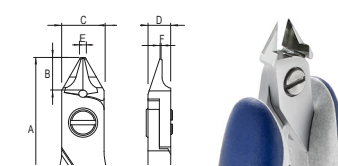
Tungsten Carbide Sharp Tip - Tapered Diagonal

Small Tapered & Relieved

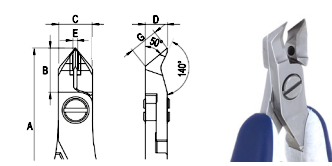


Tungsten Carbide Sharp Tip - Tapered & Relieved Diagonal

Large Tapered & Relieved



Small Tapered & Angled head 50°



Tungsten Carbide Sharp Tip - Tapered Angled

E = ERGO-TEK HANDLE

ES = ERGO-TEK SLIM HANDLE

Art. No.	Type	Head Shape	A[mm]	B[mm]	C[mm]	D[mm]	E[mm]	F[mm]	G[mm]	Cutting Edges	Copper*	Kovar*	Nickel*	Stainless*	Platinum*	Tungsten*	Piano	NiTiInol*
E541TX ES541TX	Small	Tapered & Relived	125 120	8.5	10	6.4	0.7	0.3	-	Flush	•	•	•	•	•	•	•	•
E542TX ES542TX	Small	Tapered & Relived	125 120	8.5	10	6.4	0.7	0.3	-	Full-Flush	•	•	•	•	•	•	•	•
E551TX ES551TX	Large	Tapered & Relived	125 120	8	12.5	6.4	0.7	0.3	-	Flush	•	•	•	•	•	•	•	•
E552TX ES552TX	Large	Tapered & Relived	125 120	8	12.5	6.4	0.7	0.3	-	Full-Flush	•	•	•	•	•	•	•	•
ES248TX	Small	Tapered & Angled head 50°	121	13	10	6.4	0.15	-	8.30	Full-Flush	•	•	•	•	•	•	•	•

* Depending on the wire



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