
Cable tie tooling

Ty-Rap and Ty-Met tooling

ABB offers a comprehensive range of tooling to complement the full range of cable ties. The range includes low-cost tools for maintenance and small batch requirements, as well as robust and ergonomic tools with tension setting and automatic cutting, now also in pneumatic version

In particular, the ERG50 and ERG120 hand tools, as well as the new ERG50P pneumatic tool, provide a superior level of reliability and performance, combined with enhanced ergonomics and comfort of use.

These ergonomic tools, with adjustable tension and automatic cutting, are ideally suited for efficiently installing all kinds of plastic cable ties in industrial (Original Equipment Manufacturers, Maintenance and Repair Organisations, etc) and construction applications.

ERG50, ERG50P & ERG120

Superior reliability and performance

- Developed to meet the market needs for a more rugged and longer lasting tool
- Designed to integrate the greatest number of features in the market

Enhanced ergonomics and comfort of use

- First class design and materials, for maximum convenience
- As a result, the operator is subject to less stress, less fatigue and less risk of trauma due to long term use (such as Carpal Tunnel Syndrome)
- The pneumatic version (ERG50P) provides an even increased comfort of use

Increased efficiency

- Exclusive features for quick set-up and fast installation
- Confidence to achieve a highly professional result, installation after installation



Cable tie tooling

Selection guide

Tooling for plastic ties

	Cat. No.	Features	Tensioning	Cutting	For cable ties
	ERG50	Ergonomic hand tool with superior level of reliability and performance	adjustable	automatic	2.4mm - 4.8mm (0.04" - 0.19")
	ERG120	Ergonomic hand tool with superior level of reliability and performance	adjustable	automatic	4.8mm - 7.6mm (0.19" - 0.30")
	ERG50P	Ergonomic pneumatic tool with superior level of reliability and performance	adjustable	automatic	2.4mm - 4.8mm/ (0.04" - 0.19")
	WT199	Semi- automatic MIL specified hand tool (MIL. Nr. MS-90387-1)	adjustable	automatic	2.4mm - 4.8mm (0.04" - 0.19")
	WT1-TB	Basic tensioning tool, intended for maintenance and small batch use	basic	twist cut	2.4mm - 4.8mm (0.04" - 0.19")
	WT197	Semi-automatic MIL specified hand tool (MIL. Nr. MS-90387-2)	adjustable	automatic	4.8mm - 7.6mm (0.19" - 0.30")
	WT2-TB	Basic tensioning tool, intended for maintenance and small batch use	basic	twist cut	4.8mm - 7.6mm (0.19" - 0.19")
	DAS250	Adjustable tension settings	adjustable	automatic	7.87mm (0.31")
	WT3D	Robust metal body with plastic hand-grips, designed for tensioning and cutting heavy-duty cable ties	basic	twist cut	7.6mm - 12.7mm (0.30" - 0.5")

Cable tie tooling

Selection guide

Tooling for Ty-Met stainless steel ties

	Cat. No.	Features	Tensioning	Cutting	For cable ties
	CT1-TB	Tensioning hook provides extra-leverage for tensioning the ties by hand	basic	no cutting	Releasable, ladder type & strap type
	CT2-TB	Basic hand tool	basic	no cutting	Releasable, ladder type & strap type
	WT3S	A robust metallic hand tool with rubber grips	basic	no cutting	Ladder type & strap type
	CT3	Economic tensioning tool	basic	manual	Ladder type, strap type & ball-Lock type. Width up to 12mm (0.47")
	L-600	Tensioning tool	basic	manual (twist cut)	Ball-lock type. Width: 4.6mm & 7.9mm (0.18" & 0.31")
	CT4-TB	Bantam tool, unique 3-way handle can be used in various positions. Especially useful in tight areas with minimal access	basic	manual	Releasable, ladder type & strap type
	CT5	Adjustable tension setting tool with automatic cutting	adjustable	automatic	Ladder type & strap type
	CT6	Adjustable tension setting tool with automatic cutting	adjustable	automatic	Ball-lock type. Width: 4.6mm & 7.9mm (0.18" & 0.31")
	CT7	Tensioning and cutting tool, ratchet type	basic	manual	Ball-lock type. Width: 12mm & 16mm (0.47" & 0.63")
	CT8	Tensioning and cutting tool, ratchet type	basic	manual	Bands on reel (all widths)

Cable tie tooling

Tools for plastic cable ties: ERG50, ERG120 and ERG50P

ERG50



ERG120



ERG50P



Characteristics

The ergonomic tools from ABB provide a superior level of reliability and performance, combined with enhanced ergonomics and comfort of use. With their adjustable tension and automatic cutting, they are ideally suited for efficiently installing all kinds of plastic cable ties in industrial (Original Equipment Manufacturers, Maintenance and Repair Organisations, etc) and construction applications. They are available in hand tool version (ERG50 and ERG120) and in pneumatic version (ERG50P) for higher volumes of installation without muscle strain.

Developed to meet the market needs for a more rugged and longer lasting tool, and to integrate the greatest number of features in the market:

- 360° rotating nose (patented), allows the tool to be used in any position
- Tension adjustment lock, for constant tension setting
- Quick tension-adjustment wheel located towards the front for easy access and fast changes
- Adjustable handle span (for hand tools only) fits large and small hands
- Anti-recoil mechanism (patented) reduces vibration shock
- First class design and materials: ergonomic shape with rounded edges, soft rubber handles, well balanced center of gravity
- Longest stroke length on the market (25.4mm/1"), meaning less tensioning cycles, for time and cost saving
- High / low force setting (patent pending), for a selection between "high force & long stroke" or "low force & short stroke" (for hand tools only)
- The cable tie is cut flush to the head, with no remaining protrusion, and the cut tail remains captive in the tool for a cleaner installation
- Easy access to spare blade nest, always a spare blade at hand (each tool is supplied with a spare blade)

As a result, the operator is subject to less stress, less fatigue and less risk of trauma due to long term use (such as Carpal Tunnel Syndrome)

ERG50P tool in use



Technical information

ERG50

- Tool type: Ergonomic hand tool
- Nose color: Black
- For type of cable tie: Plastic ties
- For tie width: 2.4mm - 4.8mm (0.09" - 0.19")
- Features: Adjustable tension setting, automatic cutting, retraction of the strap end after application of Ty-Rap cable ties
- Weight: 260g
- Diagrams [L x W x H]: 178 x 127 x 38mm (7.01 x 5 x 1.50")
- Replacement blades: Cat. no. ERG50B

ERG120

- Tool type: Ergonomic hand tool
- Nose color: Orange
- For type of cable tie: Plastic ties
- For tie width: 4.8mm - 7.6mm (0.19" - 0.30")
- Features: Adjustable tension setting, automatic cutting, retraction of the strap end after application of Ty-Rap cable ties
- Weight: 278g
- Diagrams [L x W x H]: 178 x 127 x 38mm (7.01 x 5 x 1.50")
- Replacement blades: Cat. no. ERG120B

ERG50P

- Tool type: Ergonomic pneumatic tool
- Nose color: Black
- For type of cable tie: Plastic ties
- For tie width: 2.4mm - 4.8mm (0.09" - 0.19")
- Features: Adjustable tension setting, automatic cutting, retraction of the strap end after application of Ty-Rap cable ties, double hangers, supplied with pneumatic hose (2.7 metre/8.86ft)
- Operating air pressure: 6 to 7 bar non-lubricated air
- Weight: 415g (without pneumatic hose)
- Diagrams [L x W x H]: 245 x 155 x 40mm (9.65 x 6.10 x 1.57")
- Replacement blades: Cat. no. ERG50B

Cable tie tooling

Military certified installation tools



Cat. no.: WT199

Characteristics

- Semi-automatic hand tool
- MIL. Nr. MS-90387-1
- Tension setting to ensure product consistency
- Robust metal construction
- Ideal for industrial mass finishing applications like cable tree assemblies, for example in the military industry

Technical information

- Tool type: Semi-automatic hand tool
- For type of cable tie: Plastic ties
- For tie width: 2.4mm - 4.8mm (0.09" - 0.19")
- Features: Adjustable tension setting, automatic cutting, MIL specified (MS-90387-1)
- Weight: 410g
- Diagrams [L x W x H]: 163 x 134 x 24mm (6.42" x 5.28" x 0.94")



Cat. no.: WT197

Characteristics

- Semi-automatic hand tool
- MIL. Nr. MS-90387-2
- Tension setting to ensure product consistency
- Robust metal construction
- Ideal for industrial mass finishing applications like cable tree assemblies, for example in the military industry

- Tool type: Semi-automatic hand tool
- For type of cable tie: Plastic ties
- For tie width: 4.8mm - 7.6mm (0.19" - 0.30")
- Features: Adjustable tension setting, automatic cutting, MIL specified (MS-90387-2)
- Weight: 420g
- Diagrams [L x W x H]: 165 x 135 x 29mm (6.50" x 5.31" x 1.14")

Technical information

Cable tie tooling

Tool for heavy duty plastic cable ties



Cat. no.: WT3D

Characteristics

- Designed for tensioning and cutting heavy-duty cable ties
- Robust metal body with plastic hand-grips

Technical information

- Tool type: Hand tool for Deltec ties, Col-Ty installation ties and other wide cable ties
- For type of cable tie: Plastic ties
- For tie width: 7.6mm - 12.7mm (0.30" - 0.5")
- Features: Tensioning, manual cutting (by twisting the tool)
- Weight: 225g
- Diagrams [L x W x H]: 178 x 112 x 20mm (7.01" x 4.41" x 0.79")

Cable tie tooling

Tool for heavy duty stainless steel cable ties



Cat. no.: DAS250

Characteristics

- Installs Ty-Rap stainless steel cable ties
- Rugged stainless steel construction
- Pistol-type installation tool
- Adjustable tension settings

Technical information

- Tool type: Hand tool
- For type of cable tie: Plastic ties, stainless steel multi-lok, ball lok and roller back lok ties
- For tie width: 7.87mm (0.31")
- Features: Adjustable tension setting, automatic cutting, rugged stainless steel construction, pistol type installation tool
- Weight: 630g

Cable tie tooling

Tools for plastic cable ties



Cat. no.: WT1-TB

Characteristics

- Twist-and-cut tensoning tool in plastic, intended for maintenance and small batch use

Technical information

- Tool type: Low-cost hand tool
- Color: Orange
- For type of cable tie: Plastic ties
- For tie width: 2.4mm - 4.8mm (0.09" x 0.19")
- Features: Basic tensoning, twist cut
- Weight: 28.4g
- Diagrams [L x W x H]: 134 x 55 x 27mm (5.28" x 2.17" x 1.06")



Cat. no.: WT2-TB

Characteristics

- Twist-and-cut tensoning tool in plastic, intended for maintenance and small batch use

Technical information

- Tool type: Low-cost hand tool
- Color: Black
- For type of cable tie: Plastic ties
- For tie width: 4.8mm - 7.6mm (0.19" x 0.30")
- Features: Basic tensoning, twist cut
- Weight: 28.4g
- Diagrams [L x W x H]: 134 x 55 x 27mm (5.28" x 2.17" x 1.06")

Cable tie tooling

Tools for stainless steel ties



Cat. no.: CT1-TB

Characteristics

- Tensioning hook suitable for releasable type, ladder type and strap type stainless steel ties
- Provides extra-leverage for tensioning the ties by hand

Technical information

- Tool type: Hand tool
- For type of cable tie: Releasable type, Ladder type & Strap type stainless steel ties
- Features: Tensioning, no cutting
- Weight: 50g
- Diagrams [L x W x H]: 85 x 106 x 15mm (3.35" x 4.17" x 0.59")



Cat. no.: CT2-TB

Characteristics

- Cable tie tensioner suitable for releasable type, ladder type & strap type ties
- Tensions the ties to their optimum holding power with a simple squeeze: a flick of the wrist and they're locked tight

Technical information

- Tool type: Hand tool
- For type of cable tie: Releasable type, ladder type & strap type stainless steel ties
- For tie width: Up to 12mm (0.47")
- Features: Tensioning, no cutting
- Weight: 300g
- Diagrams [L x W x H]: 195 x 90 x 30mm (7.68" x 3.54" x 1.18")



Cat. no.: WT3S

Characteristics

- A robust metallic hand tool with rubber grips designed for tensioning ladder type & strap type stainless steel ties
- After tensioning, the stainless steel ties can easily be cut with side-cutters

Technical information

- Tool type: Hand tool
- For type of cable tie: Ladder type & strap type stainless steel ties
- For tie width: Up to 12mm (0.47")
- Features: Tensioning, no cutting
- Weight: 225g
- Diagrams [L x W x H]: 178 x 112 x 20mm (7.01" x 4.41" x 0.79")

Cable tie tooling

Tools for stainless steel ties



Cat. no.: CT3

Characteristics

- Cost-effective tensioning tool
- Cut-off by hand-activated lever

Technical information

- Tool type: Hand tool
- For type of cable tie: Ladder type, strap type & ball lock type stainless steel ties, coated and uncoated
- For tie width: Up to 12mm (0.47")
- Features: Tensioning, manual cutting
- Weight: 550g
- Diagrams [L x W x H]: 210 x 155 x 35mm (8.27" x 6.10" x 1.38")



Cat. no.: L-600

Characteristics

- Tensioning tool with twist cut

Technical information

- Tool type: Hand tool
- For type of cable tie: Ball lock type stainless steel ties, coated and uncoated
- For tie width: 4.6 - 7.9mm (0.18" - 0.31")
- Features: Tensioning, manual cutting (by twisting the tool)
- Weight: 600g
- Diagrams [L x W x H]: 200 x 140 x 40mm (7.87" x 5.51" x 1.57")



Cat. no.: CT4-TB

Characteristics

- Bantam tool, suitable for releasable type, ladder type & strap type stainless steel ties
- Unique 3-way handle can be used in various positions. Especially useful in tight areas with minimal access

Technical information

- Tool type: Hand tool
- For type of cable tie: Releasable type, ladder type & strap type stainless steel ties
- Features: Tensioning, manual cutting
- Weight: 1200g
- Diagrams [L x W x H]: 156 x 180 x 80mm (6.14" x 7.09" x 3.15")

Cable tie tooling

Tools for stainless steel ties



Cat. no.: CT5

Characteristics

- Suitable for coated and uncoated ladder type & strap type stainless steel ties
- Adjustable tension settings
- Automatic cutting once desired tension has been reached

Technical information

- Tool type: Tension setting hand tool
- For type of cable tie: Ladder type & strap type stainless steel ties, coated and uncoated
- For tie width: Up to 12mm (0.47")
- Features: Adjustable tension setting, automatic cutting
- Weight: 430g
- Diagrams [L x W x H]: 173 x 158 x 22mm (6.81" x 6.22" x 0.87")



Cat. no.: CT6

Characteristics

- Suitable for coated and uncoated ball-Lock type stainless steel ties
- Adjustable tension settings
- Automatic cutting once desired tension has been reached

Technical information

- Tool type: Tension setting hand tool
- For type of cable tie: Ball-lock type stainless steel ties, coated and uncoated
- For tie width: 4.6 - 7.9mm (0.18" x 0.31")
- Features: Adjustable tension setting, automatic cutting
- Weight: 430g
- Diagrams [L x W x H]: 173 x 158 x 22mm (6.81" x 6.22" x 0.87")



Cat. no.: CT7

Characteristics

- Tensioning and cutting tool, ratchet type
- Suitable for coated and uncoated ball-lock type stainless steel ties, having a width of 12mm and 16mm (0.47" x 0.63")

Technical information

- Tool type: Hand tool, ratchet type
- Weight: 1300g
- Diagrams [L x W x H]: 270 x 170 x 60mm (10.63" x 6.69" x 2.36")



Cat. no.: CT8

Characteristics

- Tensioning and cutting tool, ratchet type
- Suitable for the bands on reel, in all widths
- The long nose leaves an excess of 45mm after the tie is cut, for an easy installation of the band on reel

Technical information

- Tool type: Hand tool, ratchet type
- For type of cable tie: Bands on reel
- For tie width: All widths (up to 19.1mm)
- Weight: 1570g
- Diagrams [L x W x H]: 310 x 200 x 60mm (12.20" x 7.87" x 2.36")

