



Cutting device S-16



The cutting device S-16 is a manual cutting tool to cut Polycord round belts to the required length before the Quickmelt joining procedure takes place. The S-16 allows to perform a proper right-angled cut up to 15 mm/0.6 in. diameter.

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Appendix:

- ☐ Product Liability



1. General information

1.1 Application

The cutting S-16 device has been designed for quick and safe right-angled cutting of Polycord round belts up to 15 mm/0.6 in. diameter in the Quickmelt joining system.

The cutting device S-16 was developed solely for the purposes described in the operating instructions. Improper use, or use for other applications than those described in the instructions, is not permissible. Habasit accepts no liability for the consequences of improper application.

The cutting device S-16 is manufactured according to recognized engineering principles and state-of-the-art technology.

For reasons of scope, these instructions cannot cover all possible aspects of operation, maintenance, or repair. The indications given herein refer to the use of the tools according to their designated purpose by skilled personnel.

In case of doubt or if further detailed information is required, please contact the manufacturer (Section 1.4)

1.2 Important safety terms

In these operating instructions, you will find the terms WARNING, CAUTION, and INDICATION. They signal dangers or special information to be borne in mind.

WARNING If disregarded, there is a danger of severe injury, and/or severe material damage.

CAUTION If disregarded, there is a danger of injury, and/or material damage may be caused.

INDICATION Technical information is emphasized if it is important and not readily apparent, even for skilled personnel.

Please observe all indications for assembling, operating, and maintaining this device, as well as all technical data! This will prevent possible trouble and/or damage to people or materials.

Skilled personnel refers to persons authorized to perform the required work. These people have been sufficiently trained and introduced to their field of activity so that they are able to recognize and prevent dangers. They are aware of the pertinent provisions and safety regulations.



1.3 Scope of supply

Qty. Item

- | | |
|---|---|
| 1 | Cutting device S-16 packed in a cardboard box |
| 1 | Operating instructions |

1.4 Ordering of spare parts

Spare parts can be ordered from:

Habasit Italiana S.p.A.
Via A. Meucci 8, Zona Industriale
I-31029 Vittorio Veneto/TV
Tel. ++39 438 91 13
Fax ++39 438 91 2374

Please accurately describe the parts required.
State the numbers according to Section 6, Illustration.

WARNING	The use of parts by other manufacturers not meeting Habasit specifications is not admissible. Habasit declines all responsibility for the consequences if non-Habasit parts are used.
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1.5 Warranty

All tools undergo a strict final inspection. On the assumption of correct handling, they are warranted against material and manufacturing defects for 1 year.

1.6 Technical advice

Our specialists will be pleased to advise you. For technical questions concerning function and condition of the cutting device, please contact the manufacturer (Section 1.4).



2. Mode of operation

The belt ends for the Quickmelt joining method are cut by means of a special cutting device with a single blade cutter.

The Polycord round belt is precisely positioned on a right-angled and V-shaped support to achieve the required accuracy of the cut cross section of the round belt. The angle is given by the supporting profile fixed to the cutter.

Belts are cut manually by pressing both levers together.

The max. belt thickness that can be cut is 15 mm/0.6 in. diameter.

3. Initial start-up

- ☐ Check the cutting blade (1) for its cutting ability.
- ☐ Check to make sure that the surface of the supporting profile (7) where the belts are to be cut is clean.

4. Cutting of Polycord round belts

Process: Engineering manual 1260

- ☐ Measure off the desired length on the round belt and mark with pencil.
- ☐ Open cutting device by flipping safety latch (5) forward.
- ☐ Insert Polycord round belt into supporting profile (7) in such a way that the mark corresponds exactly to the cutting blade (1).
- ☐ Cut round belt by pressing together upper lever (3) and lower lever (4) of cutting device.
- ☐ The result is squarely cut belt ends.
- ☐ Close safety latch (5) by flipping it back to its safety position.



5. Service

5.1 Maintenance

- ☐ Keep the cutting blade (1) and the supporting profile (7) clean at all times. Clean them regularly and remove material residues.
- ☐ Check the cutting blade (1) periodically for its cutting ability and replace it with the correct type (700 533) if necessary.
- ☐ Slightly lubricate the hinge of the cutter with oil at periodic intervals.
- ☐ When not in use store the cutting device in its box.

5.2 Replacement of the cutting blade

- ☐ Remove screw M4 with nut (2) and pull out cutting blade (1) from upper lever (3) of cutting device.

WARNING	Handle cutting blade (1) with special care. Blade can cause injury even if it is worn out.
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- ☐ Insert new cutting blade (1).
- ☐ Mount and tighten screw M4 with nut (2).

CAUTION	Be sure not to damage blade edge.
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5.2 Replacement of the supporting profile

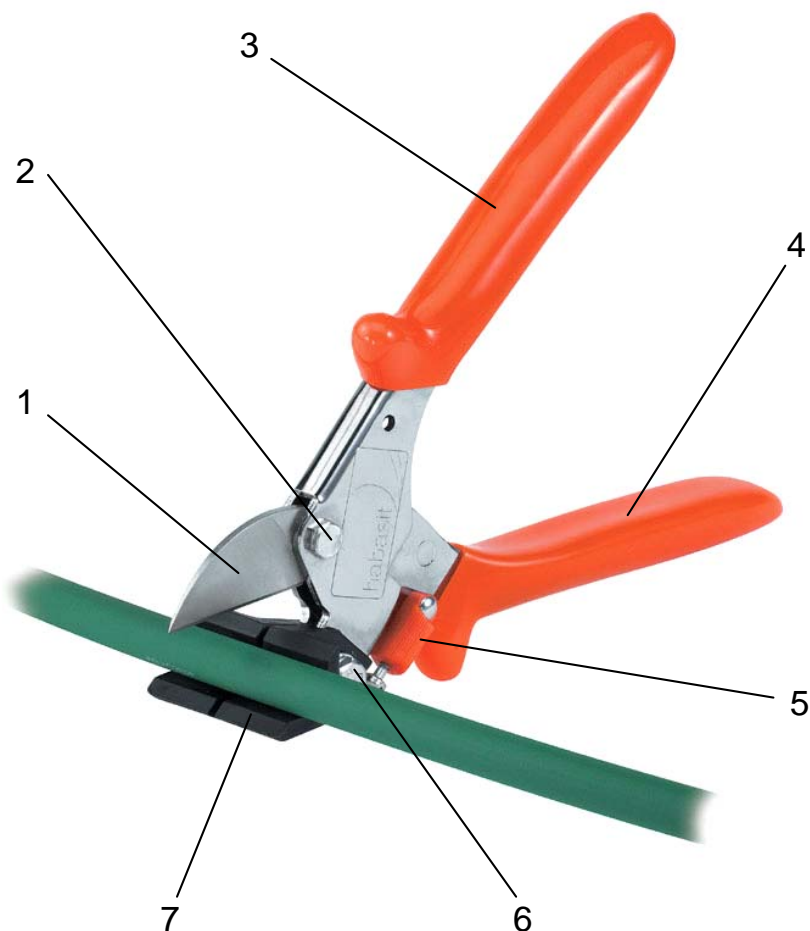
- ☐ Loosen screw M5 with nut (6) and lift supporting profile (7) out of lower lever (4) of cutting device.

WARNING	Proceed with care. Cutting blade (1) can cause severe injury.
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- ☐ Insert new supporting profile (7) and tighten screw M5 with nut (6).



6. Illustration



Legend:

- 1 Cutting blade (700 533)
- 2 Screw M4 with nut
- 3 Upper lever
- 4 Lower lever
- 5 Safety latch
- 6 Screw M5 with nut
- 7 Supporting profile (702 038)

7. Technical data

Max. belt/tape width [mm] [<i>in.</i>]	15	0.6
Dimensions (L x W x H) [mm] [<i>in.</i>]	165 x 40 x 45	6.8 x 1.6 x 1.8
Net weight [kg] [<i>lbs.</i>]	0.2	0.4



Product liability, application considerations

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All indications / information are recommendations and believed to be reliable, but no representations, guarantees, or warranties of any kind are made as to their accuracy or suitability for particular applications. The data provided herein are based on laboratory work with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experiences can lead to modifications and changes within a short time without prior notice.

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