GCS Grounding Clamps

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abrasive

| | 13 mm |
| | 5 & 6 mm |

Reference	Size	Cable type	Cutting width *d* [mm]
· GCS RG213/RG8	8 mm	RG 213, RG 8, 213RT5, EC400	**24**
· GCS RG214	8.5 mm	RG 214	**24**
· GCS 14	1/4"	5062	**24** (7 corrugations)
· GCS 38	3/8"	5088	**20** (5 corrugations)
· GCS 12X	1/2"-HIFLEX	5092	**24**
· GCS 12 PAR	1/2"	5128, 5127	**25** (5 corrugations)
· GCS 78 PAR	7/8"	5228 A, 5228 X, 5228, 5227	**21** (3 corrugations)
· GCS 114 PAR	1-1/4"	5328 A, 5328 X, 5328 GL, 5327	**26** (3 corrugations)
· GCS 158 PAR	1-5/8"	5438 A, 5438, 5437	**30** (3 corrugations)

1. Choose a straight cable section to install the grounding clamp.

2. Realize an incision in the cable outer sheath using an adhesive tape (2a) wrapped around the cable to guide the cut (2b). Refer to the table for the appropriate cutting width (*d*). For cables with corrugated outer conductor, the jacket must be cut in the valley of the corrugation (2c). Do not damage the cable outer conductor!

2c

2a


d

Adhesive tape

2b
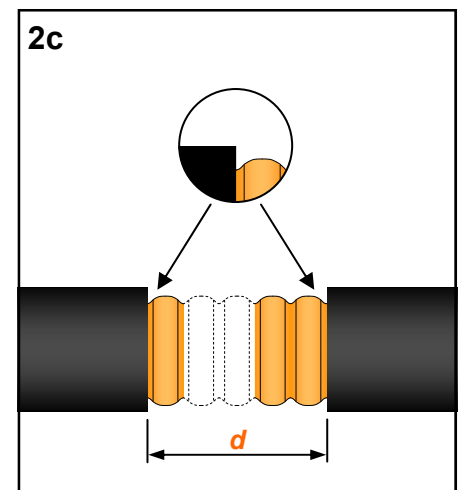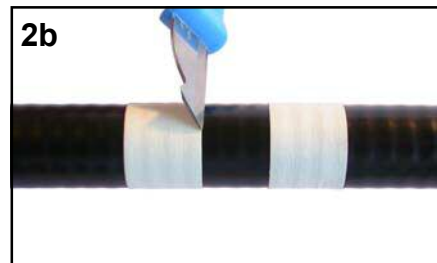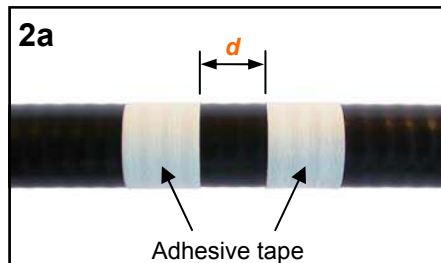
3. Remove the adhesive tape guide. Clean the cable outer conductor by using a non-metallic scouring pad to insure a good electrical contact.

4. Open the grounding clamp carefully (grounding contact + rubber sealing). Check if there is still enough grease at the outer surface of the rubber sealing - otherwise, apply grease.

5. Place the contact and the rubber sealing over the jacket incision. The contact clip must be correctly placed on the outer conductor. Close the clamp by pressing by hand the outer metallic shells.

6. Tighten the fixing screw of the metal shells completely and verify that both ends of the rubber sealing are touching each other. The sealing is perfect and there is no additional protection needed.
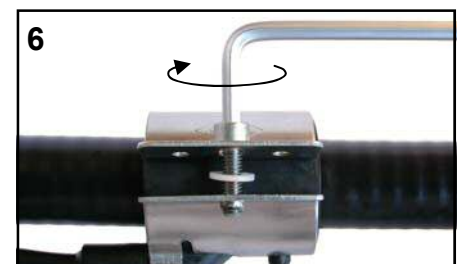
7. Connect the grounding cable straight to the ground terminal. Screw the grounding cable lug to the grounding system (earthing bar, ...).

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