

New Product



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ERNST HEINRICH

Raffee

DIN 89 285 Cable Gland for Shielded Cables

The Raffee cable gland has been specially developed for the internal and external installation of EMC-shielded cables. Raffee represents modern, elegant design. The **newly developed grounding insert** is based on the DIN 89 345 norm and provides the same support surface for the shielding. Thanks to its optimized geometrical form, it achieves **high EMC damping values** up to

100% of the shielded cable. A torsion security element enables **anti-rotation cable mounting** as well as **Class B strain relief** based on EN50262 in the main areas.

The Raffee is available in a standard brass version, but can be delivered with a **chrome** or **nickel-plated surface** as well as other materials like A2/A4 steel or aluminum.



Technical Data

- Connecting threads from M16 x 1.5 to M105 x 2 according to the DIN 89 285 or EH norms
- Cable diameters up to 78.0 mm
- Protection rating: IP 68
- Temperature range: -40 to +100 °C
- Class B strain relief in the main sizes based on EN50262
- Material: brass (MS58 – CuZn39Pb3), A2 steel (1.4305), A4 steel (1.4571), aluminum (AlMgSi alloys)
- Surface: brass (blank, chrome or nickel-plated)

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GL Systems Certification

New Product



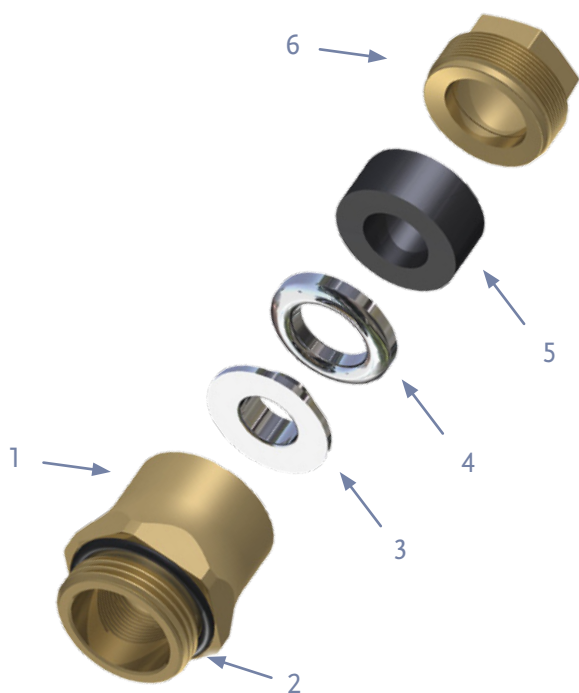
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Parts List

Item No.	Name	Quantity
1	Body	1
2	Connecting Thread Seal	1
3	Grounding Insert (inner)	1
4	Grounding Insert (outer)	1
5	Washer	1
6	Torsion Protection Element	1

Product Variants

Type	Thread	Cable Ø	L1	L2	AF1	AF2
Raffee 16	M16 x 1.5	6.0 – 7.5	28	7	19	13
Raffee 18	M18 x 1.5	7.0 – 10.5	28	8	22	15
Raffee 24	M24 x 1.5	7.0 – 17.5	32	8	27	19
Raffee 30	M30 x 2.0	16.0 – 20.5	35	9	32	25
Raffee 36	M36 x 2.0	18.0 – 26.5	38	10	38	30
Raffee 45	M45 x 2.0	26.0 – 32.5	41	10	50	41
Raffee 56	M56 x 2.0	32.0 – 41.5	44	11	60	50
Raffee 72	M72 x 2.0	41.0 – 56.5	48	11	80	65
Raffee 80*	M80 x 2.0	56.0 – 68.0	51	13	85	75
Raffee 105*	M105 x 2.0	68.0 – 78.0	Coming soon			

Materials

(Measurements in mm)

Material	Surface (optional)
Brass: CuZn39Pb3	Blank, chrome or nickel-plated
A2 Steel: 1.4305	-
A4 Steel: 1.4571	-
Aluminum: AlMgSi alloy	-

(Other materials upon request)

- Connecting threads based on DIN 89 285 or EH norms
- Cable diameters up to 78.0 mm
- Protection class: IP 68
- Class B strain relief based on EN50262 for the main sizes
- Equipment type: EMC

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