

Galvanized wall sleeve

HRD wall sleeve with fixed/loose flange for dowelling. For buildings with waterproof sheetings/thick coatings.



Article code:
HRD (D)-FUFA-VZ

Features and technical data:

- absolutely gas- and watertight
- for retrofit dowelling
- load type: pressing water according to DIN 18195, Part 6
- fixed/loose flange according to DIN 18195, Part 9
- galvanized steel (vz)
- also available in stainless steel V2A (AISI 304L) or V4A (AISI 316L)
- can be adjusted to the exact millimetre

Accessories (not included in scope of delivery)



Standard press seal for pipes with powder coating –
the perfect seal in the galvanized fixed/loose flange wall sleeve for newly installed or already laid pipes up to Ø500 mm

The galvanized fixed/loose flange wall sleeve enables all types of pipes to be routed into a building through walls, ceilings or floors. The fixed/loose flange is retrofitted by dowelling it onto a wall sleeve or a core drilling. The fixed/loose flange conforming to DIN 18195, Part 9, enables buildings to be waterproofed against the load type "pressing water" as defined in DIN 18195, Part 6. The corresponding rubber layers (not included) are required, depending on the waterproof sheeting. A completely watertight seal is created between the pipe and the interior of the wall sleeve by using our press seals.

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Technical data

Wall sleeve D1 ID	Fixed flange D2 OD	Loose flange D3 OD	Media pipe		Article code	Wall sleeve S wall thickness	Article code rubber inlay
			Optimal application range OD	Max. possible application range OD*			
80 mm	405 mm	395 mm	0 – 50 mm	0 – 56 mm	HRD 80-FUFA-VZ	1,5 mm	Z-80 FUFA
100 mm	425 mm	415 mm	0 – 63 mm	0 – 76 mm	HRD 100-FUFA-VZ	2 mm	Z-100 FUFA
125 mm	450 mm	440 mm	63 – 90 mm	0 – 101 mm	HRD 125-FUFA-VZ	2 mm	Z-125 FUFA
150 mm	475 mm	465 mm	90 – 112 mm	0 – 125 mm	HRD 150-FUFA-VZ	2 mm	Z-150 FUFA
200 mm	528 mm	518 mm	110 – 162 mm	0 – 171 mm	HRD 200-FUFA-VZ	2,5 mm	Z-200 FUFA
250 mm	578 mm	568 mm	160 – 210 mm	0 – 214 mm	HRD 250-FUFA-VZ	2,5 mm	Z-250 FUFA
300 mm	630 mm	620 mm	200 – 225 mm	0 – 250 mm	HRD 300-FUFA-VZ	3 mm	Z-300 FUFA
350 mm	680 mm	670 mm	225 – 270 mm	0 – 310 mm	HRD 350-FUFA-VZ	3 mm	Z-350 FUFA
400 mm	730 mm	720 mm	270 – 320 mm	0 – 350 mm	HRD 400-FUFA-VZ	3 mm	Z-400 FUFA
450 mm	780 mm	770 mm	320 – 370 mm	0 – 400 mm	HRD 450-FUFA-VZ	4 mm	Z-450 FUFA
500 mm	830 mm	820 mm	370 – 420 mm	0 – 450 mm	HRD 500-FUFA-VZ	4 mm	Z-500 FUFA

Customized dimensions available on request.

Fixing elements are included in scope of delivery!

* The dimensions refer to the maximum possible outer diameter for the medium pipe; subject to technical feasibility, a standard press seal or a individual press seal entry may be used.

Inlays made of EPDM rubber, which are optionally available in thicknesses of 2 or 6 mm, are suitable for waterproof sheetings specified by the standard.

For the following sheetings we recommend 2 inlays: ECB, PIB, PVC-P, EPDM, EVA, PE, PE-HD and PVC.

Please note: recommendation of manufacturer of sheetings has to be followed.

Connecting solutions for KMB polymer modified thick coatings on request.

