

# HSS-...KB/FR-HRD

## Fire protection kit S 90 for core drillings and wall sleeves

DIBT approval  
Z-19.15-1906  
to DIN 4102-9



S 90 retrofitting for core drillings and wall sleeves with a HRD

### Features and technical data:

- S 90 retrofitting for pressure-tight wall seals
- for core drillings Ø 70 – 300 mm
- for plastic wall sleeves ID 80 – 300 mm
- fire barrier spacing 280 mm
- from wall thickness 150 mm
- no additional wall attachment constructions required
- no limitation of individual cable diameters
- weather-proof fire-stop pads
- pads can be installed from one side
- high degree of flexibility as regards subsequent assignment

### The correct way to quote the article code:

Complete fire protection set consisting of:

- 1 set of HVS pads for full assignment (without cable)
- 1 x stainless steel clamping strap
- 1 x identification sign
- 1 x processing instructions and DIBT approval [Germany]

Delivery of HVS fire protection pads without HRD sealing systems.  
The press seals must be separately ordered with the corresponding assignment!

### Article code: HSS-100-KB/FR-HRD

for core drillings/wall sleeves Ø 100 mm

### Article code: HSS-150-KB/FR-HRD

for core drillings/wall sleeves Ø 150 mm

### For gas- and watertight wall penetrations

The Hauff wall penetration with plastic wall sleeve or core drilling, in connection with a press seal HRD, form the new Hauff safety insulation HSS together with the proven HVS fire-stop pad. The new HSS system ensures secure, time- and cost-saving S 90 retrofitting for increased requirements in constructional fire protection pursuant to DIN 4102-9.

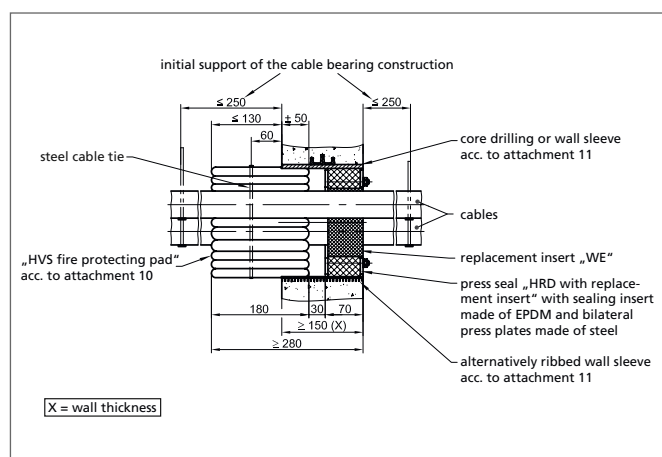
The fire-stop pads can be clamped clean and tight in the round wall openings up to Ø 300 mm from one side. In addition to providing a reliable gas- and watertight seal for cables of all kinds, this enables later upgrading to reliable S 90 fire protection capability.

# HSS-...KB/FR-HRD

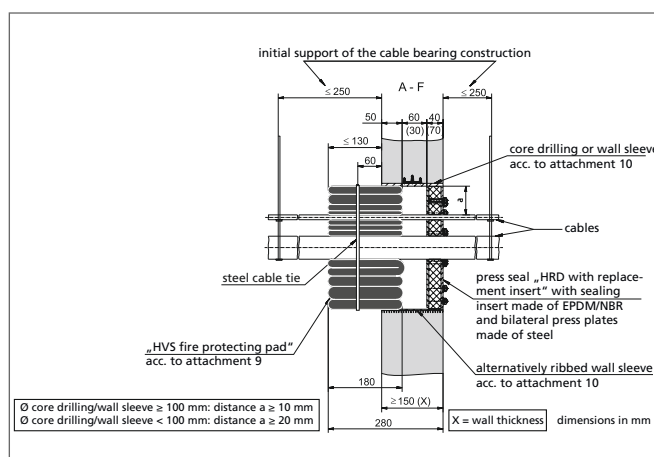
## Technical data

<b>DIBT approval number [Germany]</b>	Z-19.15-1906					
<b>Fire resistance rating</b>	S90 according to DIN 4102 Part 9 / 90 minutes					
<b>Areas of application</b>	S 90 insulations for increased requirements to gas- and watertight wall penetrations, in energy supply and distribution systems, the chemicals industry, in biogas and sewage treatment plants, rooms with fire extinguishing systems, underground parking, false floors and cable access chambers, etc. Sealing for cables of all types and diameters (except waveguide cables). Cables for control purposes up to 12 mm. In walls made from concrete, reinforced concrete, aerated concrete or masonry.					
<b>System seals</b>	With HRD sealing inserts in UFR Ø 100-300 mm ABS/PVC pipes according to DIN 8061/62, DIN 16875, DIN/EN 1401 or ribbed pipes according to DIN V 19534, DIN/EN 13476					
<b>Dimensions/clearances</b>	<b>Wall thickness/ fire barrier spacing</b>		<b>Clearance</b>		<b>Max. assignments</b>	
	≥ 150 mm ≥ 280 mm		distance from edge a ≥ 10 mm at Ø > 100 mm distance from edge a ≥ 20 mm at Ø > 100 mm		see table in approval: attachment 1 and 2	
<b>Fire barrier spacing</b>	5 cm for single entries, 20 cm for bundles					
<b>Fire-stop pads Packing unit transverse installation</b>	<b>Type</b>	<b>Area</b>	<b>Filling weight</b>	<b>Dimensions LxWxH</b>	<b>Packing unit</b>	<b>Article code</b>
	400	32 cm <sup>2</sup>	400 g	340x180x20 mm	22 pcs.	HVS-K-400
	720	63 cm <sup>2</sup>	720 g	340x180x35 mm	12 pcs.	HVS-K-720
	60*	8 cm <sup>2</sup>	60 g	360x50x10 mm	30 pcs.	HVS-KB-60
<b>Notes</b>	An HVS-STB stainless steel clamping strap (accessory) is required for wall thicknesses up to 210 mm and has to be ordered separately if you have only ordered the pads.					
<b>Accessories</b>	HVS-HSS-MB: fitting panel for close-fitting installation of HVS/HSS fire-stop pads HVS-STB: 10 pcs. stainless steel clamping straps HVS-VA: processing instructions, DIBT approval [Germany] and 2 identification signs HVS-KS: 1 universal identification sign					
<b>Fire protection kit for core drillings or wall sleeves up to Ø 100 mm up to Ø 150 mm</b>	Scope of delivery for pads: 2x HVS-K-250; 3x HVS-KB-60 2x HVS-K-400; 3x HVS-K-250, 3x HVS-KB-60					

\* for plugin installation with a length of 180 mm



Modular fire safety system with HRD...WE...



Modular fire safety system with HRD...1(G)...2(G)...