

## Bores for welding sleeves

### Requirements as defined in the VdS guidelines on planning and installation

*The bores for welding sleeves have to be at least the outside diameter of the thread and must be dimensioned so that they exceed the outside sleeve diameter by maximum 2 mm, only.*

### Allowed welding sleeves

VdS 2192	DIN 2986	Stahlfittings mit Gewinde (Muffen) (Steel fittings with thread (sleeves))
VdS CEA 4001	DIN EN 10241	Stahlfittings mit Gewinde (Steel fittings with thread)

### Matrix: Bore diameter for sleeves acc. to DIN EN 10 241

DN	Thread	Medium-heavy design			Heavy design		
		Outside-Ø	Ø min	Ø max	Outside-Ø	Ø min	Ø max
10	3/8	21.3	16.7	19.3	22.0	16.7	20.0
15	1/2	26.6	20.9	24.6	27.0	20.9	25.0
20	3/4	31.8	26.4	29.8	32.5	26.4	30.5
25	1	39.5	33.3	37.5	39.5	33.3	37.5

(dimensions in mm)

#### Remark:

The bore diameter for sleeves acc. to DIN 2986 correspond to the diameters acc. to DIN EN 10 241 - medium-heavy design.