

HIGH-PRESSURE SLEEVES

for thermowells weld-in design Form 4

HDMU

APPLICATION

High-pressure sleeves or welding sockets are welded onto pipelines and pressure vessels and are used to hold protective tubes according to DIN 43772 Form 4 or thermometer sleeves for temperature measuring devices (e.g. for bimetal thermometers, resistance thermometers, thermocouples and other temperature sensors of all kinds). The bore is adapted for thermowells according to DIN 43772 - form 4 (fit tolerance).

THERMOWELL EXECUTION

Execution for thermowell DIN 43772-Form4 with:

- Outside diameter 18mmh7 (M14x1,5)
- Outside diameter 24mmh7 (M18x1,5)
- Outside diameter 26mmh7 (G1/2")
- Outside diameter 32mmh11 (G3/4")

MATERIAL

- Steel (S 235JRG, S355JR)
- Heat resistant Steel (C22.8, 16Mo3, 13CrMo4-5, 10CrMo9-10 etc.)
- Stainless steel (1.4571, 1.4404, 1.4903 ...)

TYPES

- Standard versions Typ 01 ... Typ 04
- Bore diameter $\varnothing 18\text{mm}$, $\varnothing 24\text{mm}$, $\varnothing 26\text{mm}$ or $\varnothing 32\text{mm}$
- Special designs according to customer requirements on request
- [Option] delivery with test certificates 3.1 according to DIN EN 10204

ORDER TEXT

Specification of design, dimensions, thermowell type, bore diameter, material etc.



STANDARD VERSIONS

TYPES	Length LG	Diameter $\varnothing AD$	
HDMU Typ 01		Comment: * for heat-resistant steel materials 1.0460/ 1.5415/ 1.7335/ 1.7380 AD-2mm	
$\varnothing$bore diameter G7			
$\varnothing 18\text{mmG7}$	50mm	40mm (*38mm)	
$\varnothing 24\text{mmG7} / \varnothing 26\text{mmG7}$	(Option 100mm)	50mm (*48mm)	
$\varnothing 32\text{mmG7}$		60mm (*58mm)	
HDMU Typ 02			
$\varnothing$bore diameter d (drill out after welding and ream to fit G7)			
$\varnothing 17,5\text{mm}$	50mm	40mm (*38mm)	
$\varnothing 23,5\text{mm}$	(Option 80mm)	50mm (*48mm)	
HDMU Typ 03			
$\varnothing$bore diameter G7			
$\varnothing 18\text{mmG7}$	45mm	45mm	
$\varnothing 24\text{mmG7}$			
$\varnothing 26\text{mmG7}$			
HDMU Typ 04			
Bohrung $\varnothing BO$ (drill out after welding and ream to fit G7)			
$\varnothing 17,5\text{mm}$	40mm	40mm (*38mm)	
$\varnothing 23,5\text{mm}$	50mm	50mm (*48mm)	
$\varnothing 25,5\text{mm}$			

OPTIONS: customer requirements on request

Inspection Certificate APZ 3.1 according to DIN EN 10204:2004 or TÜV- APZ 3.2