

## COUPLING SET HOUSE CONNECTION (SPINDLE SQUARE: 10MM)

MATERIAL: HYBRID ZINC/PLASTIC

For extension spindles with rod square 20mm

Art.-No.: 4VKM10K20Z.5HY.VMS3

weight: 145g/pie.

dimensions: 6,0cm x 6,5cm x 8,5cm (LxWxH)

Packing unit (pu): 10 pieces per box

weight: 1,45kg/pu

dimensions: 30,5cm x 13,5cm x 9,0cm (LxWxH)



### Details

Coupling set consisting of the components:

#### 1x coupling sleeve

- hybrid zinc/plastic
- Delta Protect coated
- for extension spindles with rod square 20mm
- for house connection gate valves with conical spindle square 10mm
- packed in a plastic bag with label



Art.-No.: 4VKM10K20Z.5HY.000

weight: 130g

#### 1x spring clip pin (scp)

- stainless steel spring clip
- stainless steel locking pin

Art.-No.: 3VKST4842.2546.A2

weight: 15g



Subject to change without notice.

# COUPLING SET HOUSE CONNECTION (SPINDLE SQUARE: 10MM)

MATERIAL: HYBRID ZINC/PLASTIC

For extension spindles with rod square 20 mm

## House connecting gate valves (HCG) tapping valves

House connection slider ≤ DN 50  
ball valve ≤ DN 50

Dimensional specifications from :

Technical rule **Worksheet DVGW GW 336-1 (A)** / September 2010. Extension Spindles - Part 1: Standardisation of interfaces between buried gate valve and extension spindles.

Figure 1.1: Schematic diagram of the outer square of the ES in the area of coupling receptacle.

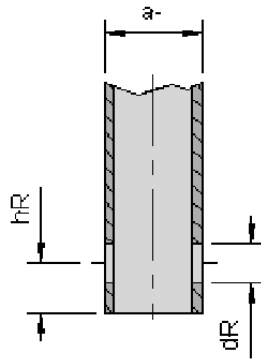


Figure 1.2: Schematic representation of the coupling sleeve in the area of the linkage support.

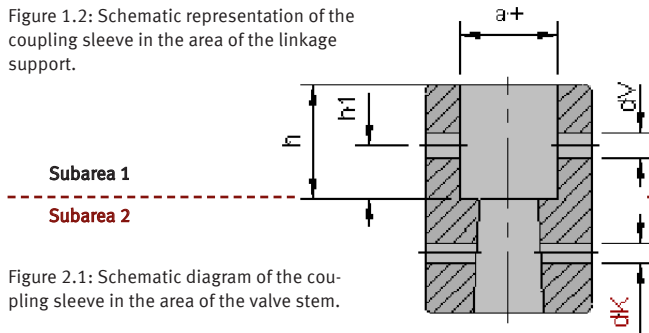


Figure 2.1: Schematic diagram of the coupling sleeve in the area of the valve stem.

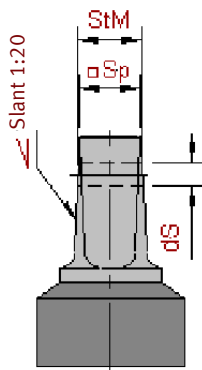


Figure 2.2: Schematic diagram of the valve stem in the area of the coupling receptacle.

### External square of the installation set (rod square end of ES)

measure	nominal dimension	lower tolerance	upper tolerance
external square (a-)	20 mm	-0,3	+0,7
bore position (hR)	10 mm	-0,2	+0,2
bore diameter (dR)	6 mm	0	+1,0

### Inner square of coupling sleeve/gate valve

measure	nominal dimension	lower tolerance	upper tolerance
inside square (a+)	20 mm	+0,8	+1,8
bore position (h <sub>1</sub> )	11 mm	-0,2	+0,2
bore diameter (d <sub>v</sub> )	5 mm	0	+0,2
Insertion depth for operating rods (h)	20 mm	minimum-measure	

### Measure specifications:

Technical test basis **DVGW GW 336 (P)** / Oktober 2013. Water shut-off valves; requirements and tests.

### Joint between tapping valve and coupling sleeve (from the conical valve spindle □ to the conical inside □ of the coupling sleeve)

construction	measure
spindle square (Sp □)	10,0 mm
inside micrometer (StM)	not specified
bore coupling sleeve (d <sub>K</sub> )	4,0 mm
bore spindle (d <sub>S</sub> )	not specified

Subject to change without notice.