

## COUPLING SET - NG SLIDER DN 40/50 (SPINDLE SQUARE: 14MM)

MATERIAL: HYBRID ZINC/PLASTIC

For extension spindles with rod square 25mm

Art.-No.: 4VKM14K25Z.5HY.VMS3

weight: 305g/pie.

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

Packing unit (pu): 10 pieces per box

weight: 3,05kg/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 25mm
- for house connection gate valves with conical spindle square 14mm
- packed in a plastic bag with label



Art.-No.: 4VKM14K25Z.5HY.000

weight: 275g

#### 2x spring clip pin (scp)

- stainless steel spring clip
- stainless steel locking pin

1x scp extension spindl. - linkage-side **Art.-No.: 3VKST4853.3055.A2**  
weight: 15g

1x scp gate valves - spindle-sided **Art.-No.: 3VKST3842.2546.A2**  
weight: 15g



Subject to change without notice.

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## Network gate valves (NG)

Slider DN 40 ≤ 150  
 ball valve DN 65 ≤ 1000  
 butterfly valve DN 100 ≤ 1000

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.

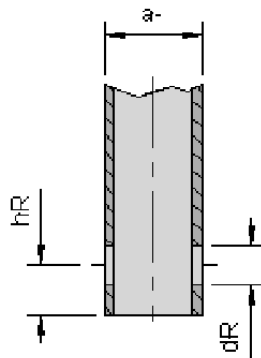


Figure 1.2: Schematic representation of the coupling sleeve in the area of the linkage support.

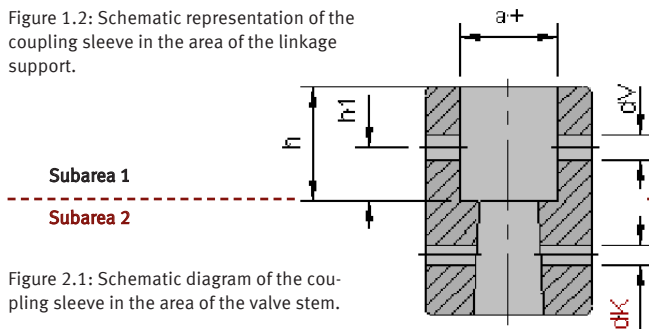


Figure 2.1: Schematic diagram of the coupling sleeve in the area of the valve stem.

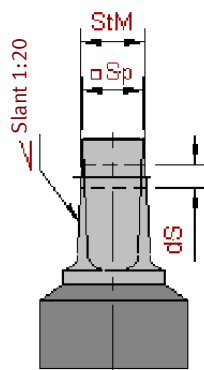


Figure 2.2: Schematic diagram of the valve stem in the area of the coupling receptacle.

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

measure	nominal dimension	lower tolerance	upper tolerance
external square (a-)	25 mm	-0,3	+0,7
bore position (hR)	10 mm	-0,2	+0,2
bore diameter (dR)	8 mm	0	+1,0

### Inner square of coupling sleeve/gate valver

measure	nominal dimension	lower tolerance	upper tolerance
inside square (a+)	25mm	+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 specification **DVGW GW 363 (P) / June 2010**. Shut-off valves, non-return valves, ventilation valves and control valves made of metal materials for drinking water supply systems - 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 □)	14,0 mm
inside micrometer (StM)	15,2 mm
bore coupling sleeve (d <sub>K</sub> )	4,0 mm
bore spindle (d <sub>S</sub> )	5,0 mm

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