

COUPLING SET - NG SLIDER DN 100/150 (SPINDLE SQUARE: 19MM)

MATERIAL: HYBRID ZINC/PLASTIC

For extension spindles with rod square 25mm

Art.-No.: 4VKM19K25Z.5HY.VMS3

weight: 270g/pie.

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

Packing unit (pu): 10 pieces per box

weight: 2,70kg/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 19mm
- packed in a plastic bag with label



Art.-No.: 4VKM19K25Z.5HY.000

weight: 240g

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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For extension spindles with rod square 25 mm

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.

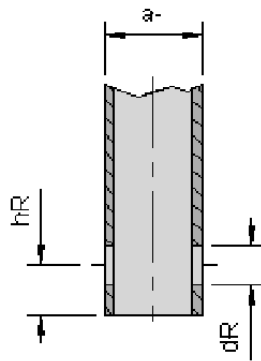


Figure 1.2: Schematic representation of the coupling sleeve in the area of the linkage support.

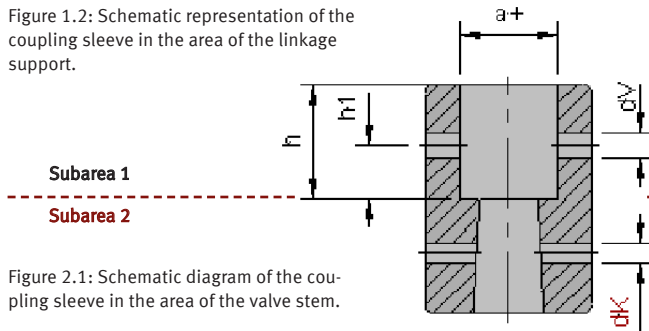


Figure 2.1: Schematic diagram of the coupling sleeve in the area of the valve stem.

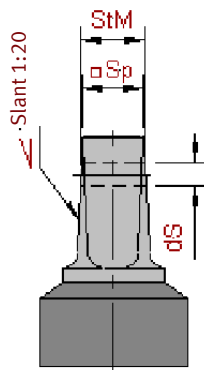


Figure 2.2: Schematic diagram of the valve stem in the area of the coupling receptacle.

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 valve

measure	nominal dimension	lower tolerance	upper tolerance
inside square (a+)	25mm	+0,8	+1,8
bore position (h ₁)	11 mm	-0,2	+0,2
bore diameter (d _v)	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 □)	19,0 mm
inside micrometer (StM)	20,5 mm
bore coupling sleeve (d _K)	5,0 mm
bore spindle (d _S)	6,0 mm

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