

COUPLING SET HOUSE CONNECTION (SPINDLE SQUARE: 12MM)

MATERIAL: HYBRID ZINC/PLASTIC

For extension spindles with rod square 20mm

Art.-No.: 4VKM12K20Z.5HY.VMS3

weight: 160g/pie.

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

Packing unit (pu): 10 pieces per box

weight: 1,60kg/pu

dimensnions: 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 12mm
- packed in a plastic bag with label



Art.-No.: 4VKM12K20Z.5HY.000
weight: 130g

2x spring clip pin (scp)

- stainless steel spring clip
- stainless steel locking pin

1x scp extension spindl. - linkage-side **Art.-No.: 3VKST4842.2546.A2**
weight: 15g



1x scp gate valves - spindle-sided **Art.-No.: 3VKST3834.2536.A2**
weight: 15g



Subject to change without notice.

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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.

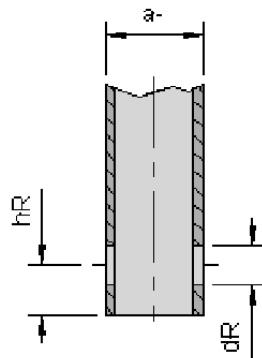


Figure 1.2: Schematic representation of the coupling sleeve in the area of the linkage support.

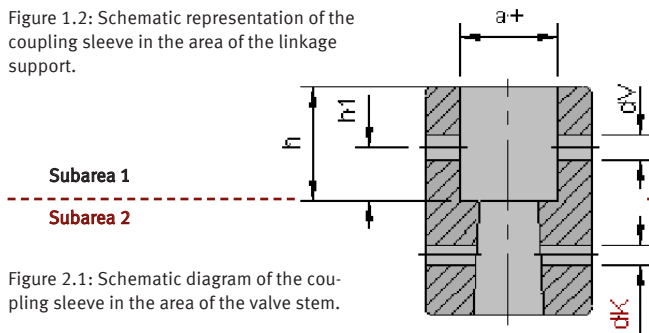


Figure 2.1: Schematic diagram of the coupling sleeve in the area of the valve stem.

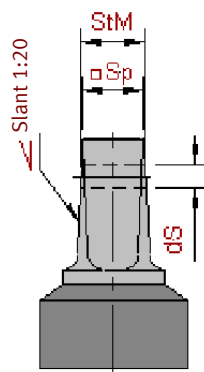


Figure 2.2: Schematic diagram of the valve stem in the area of the coupling receptacle.

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 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 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 □)	12,0 mm
inside micrometer (StM)	13,1 mm
bore coupling sleeve (d _K)	4,0 mm
bore spindle (d _S)	5,0 mm

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