



AVK SUPA MAXI™ STEP COUPLING, PN16

632/00-001

Universal and tensile, A2 bolts, EPDM sealings, DN50-300

AVK's Supa Maxi™ range of universal tensile couplings sets a new standard. The patented SupaGrip™ sealing support system with flexible bracket ensures full support of the gasket and full tensile strength on all pipe types up to 16 bar. Supa Maxi™ couplings are very easy to mount with the possibility of $\pm 4^\circ$ angular deflection, the permanent protection caps, the lifting eye and the fact that they are tightened from the sleeve side with no need for re-tightening the bolts.

Product description:

Supa Maxi™ step coupling - universal & tensile - A2 bolts / A4 nuts for drinking water and neutral liquids -10°C to +70°C

Standards:

- Designed according to EN 14525

Test/Approvals:

- Belgaqua approved
- Approved according to KIWA Certificate K 66561
- Approved according to SVGW Certificate No. 1205-6041

Features:

- Patented SupaGrip™ sealing support system with flexible bracket ensures full support of the gasket even at minimum pipe size
- Full tensile strength on all pipes is ensured by two different metal grip segments - every other of brass for PE/PVC and of hardened stainless steel for cast iron/ductile iron/steel/stainless steel/GRP/asbestos cement pipes. For PE pipes a support bush is to be used.
- $\pm 4^\circ$ angular deflection on each side
- Large tolerance ranges
- Ductile iron body and bracket of cast steel, fusion bonded epoxy coating in compliance with DIN 3476 part 1 and EN 14901, GSK approved
- Gasket of drinking water approved EPDM rubber
- Bolts of A2 and nuts of A4 are anti-friction coated to prevent galling
- Permanent protection caps protect the coupling during handling and installation
- Large insertion depth tolerances allow for cutting the pipe slightly angled
- Bolts are tightened from the sleeve side for full access when space is limited
- Re-tightening of bolts is not necessary
- Lifting eye in DN 100-300



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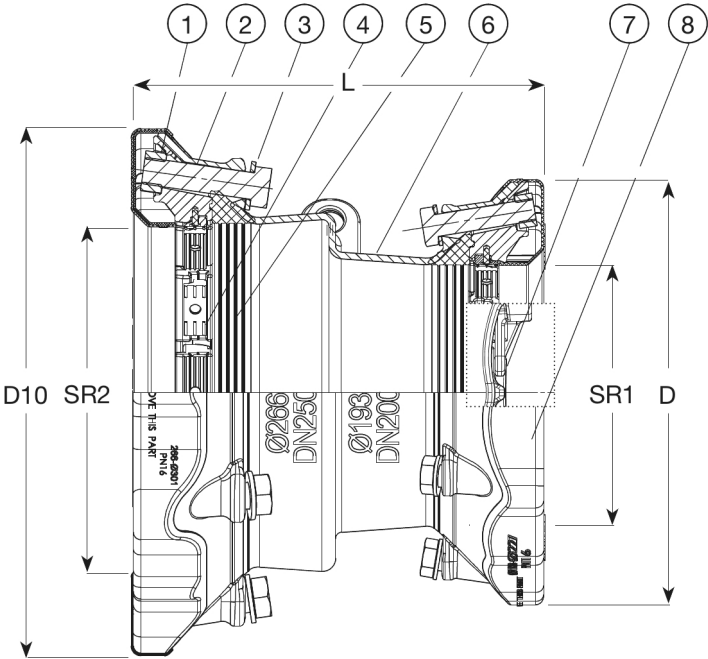
Expect... **AVK**

The designs, materials and specifications shown are subject to change without notice. This is due to the continuous development of our product programme.

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DN	
50	3 x M14 x 75 mm
65	3 x M16 x 75 mm
80	3 x M16 x 75 mm
100	4 x M16 x 75 mm
125	4 x M16 x 75 mm
150	4 x M16 x 80 mm
200	6 x M20 x 100 mm
225	6 x M20 x 100 mm
250	6 x M20 x 100 mm
300	8 x M20 x 100 mm

Component list:

1. Nut	Stainless steel A4	5. Gasket	EPDM rubber
2. Bolt	Stainless steel A2	6. Sleeve	Ductile iron
3. Washer	Stainless steel A2	7. Bracket	Cast steel
4. Grip segment	Stainless steel / brass	8. Protection cap	PE

Components may be substituted with equivalent or higher class materials without prior notification.

Reference nos. and dimensions:

AVK ref. no.	DN/DN	Product PN Class	Seal range SR1 mm	Seal range SR2 mm	L mm	D mm	D10 mm	Theoretical weight/kg
632-071-091-006	50 - 65	PN16	48-71	69-91	294	200	226	6.5
632-071-106-006	50 - 80	PN16	48-71	82-106	296	200	235	7.0
632-091-106-006	65 - 80	PN16	69-91	82-106	294	226	235	7.5
632-106-133-006	80 - 100	PN16	82-106	104-133	305	235	268	10
632-133-161-006	100 - 125	PN16	104-133	132-159	305	268	285	13
632-133-188-006	100 - 150	PN16	104-133	159-188	322	268	340	14
632-161-188-006	125 - 150	PN16	132-159	159-188	321	285	340	15
632-188-227-006	150 - 200	PN16	159-188	193-227	356	340	389	21
632-188-257-006	150 - 225	PN16	159-188	224-257	374	340	437	27
632-227-257-006	200 - 225	PN16	193-227	224-257	389	389	437	32
632-227-301-006	200 - 250	PN16	193-227	266-301	386	389	476	32
632-257-301-006	225 - 250	PN16	224-257	266-301	396	437	476	36
632-301-356-006	250 - 300	PN16	266-301	314-356	437	476	545	42

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