



AVK SUPA MAXI™ STEP COUPLING, PN16

632/00

Universal and tensile, A4 bolts, EPDM sealings

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 PN16. 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.

Description:

Supa Maxi™ step coupling - universal & tensile - A4 bolts and nuts for drinking water and neutral liquids -30°C to +70°C

Standards:

- Designed according to EN 14525

Tests/Approvals:

- Approved according to KIWA Certificate K 66561/01
- Approved to ÖVGW Certificate W 1.604
- Approved according to SVGW Certificate No. 1205-6041

Features:

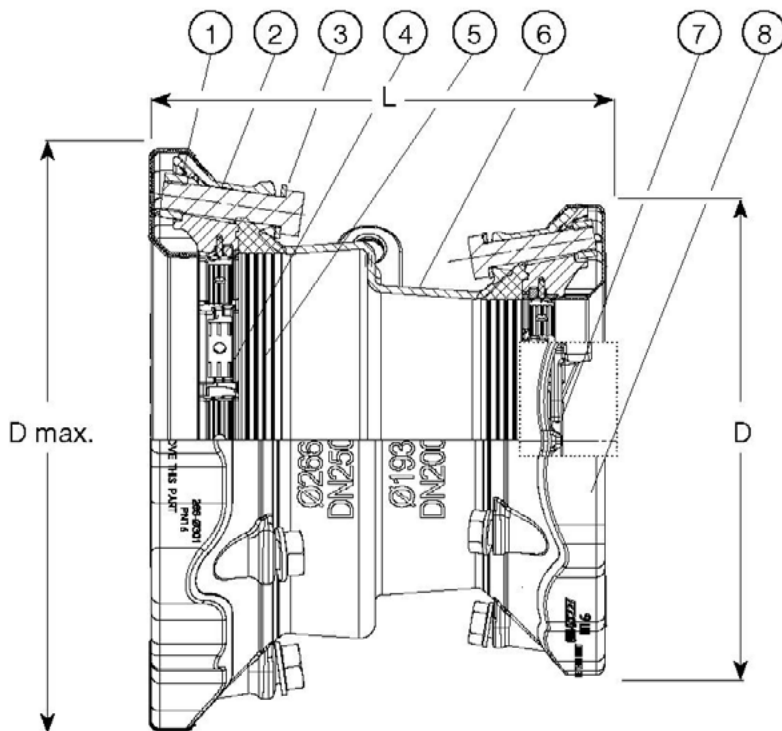
- Patented SupaGrip™ sealing support system with flexible bracket ensures full support of the gasket even at minimum pipe size
- Full tensile strength on all pipes is ensured by two different metal grip segments - every other of gunmetal for PE/PVC and of hardened Stainless Steel for Cast Iron/Ductile Iron/Steel/Stainless Steel/GRP/asbestos cement pipes. For PE-pipes a support bush is to be used
- Metal grip segments are mounted with pins for maximum durability
- $\pm 4^\circ$ angular deflection on each side at max. 1.5 x PN16
- Large tolerance ranges
- All DN's are for PN16 (Stainless Steel, AC, Bi-PVC, and CFW GRP pipes max. PN10)
- Ductile Iron body and bracket of Cast Steel, epoxy coated according to DIN 30677-2 and GSK approved
- Gasket of drinking water approved EPDM rubber
- Bolts and nuts of acid-resistant Stainless Steel A4 are anti-friction coated to prevent galling
- Permanent protection caps protect the coupling during handling and installation
- The pipe will not move inwards when tightening
- Bolts are tightened from the sleeve side for full access when space is limited
- Re-tightening of bolts is not necessary
- Lifting eye in DN100-300
- Design pressure 29 bar according to EN 14525. Working pressure max. 16 bar. Max. test pressure according to pipe standard



kiwa



Expect... **AVK**



DN	
50	3 x M14 x 75mm
65	3 x M16 x 75mm
80	3 x M16 x 75mm
100	4 x M16 x 75mm
125	4 x M16 x 75mm
150	4 x M16 x 90mm
200	6 x M20 x 100mm
225	6 x M20 x 100mm
250	6 x M20 x 100mm
300	6 x M20 x 100mm

Component list

1. Nut	Acid resistant Stainless Steel A4	5. Gasket	DVGW/NF approved EPDM rubber
2. Bolt	Acid resistant Stainless Steel A4	6. Sleeve	Ductile Iron GJS-450 (GGG-45)
3. Washer	Acid resistant Stainless Steel A4	7. Bracket	Cast Steel
4. Grip segment	Gunmetal RG5 and Stainless Steel	8. Protection cap	Recyclable PE

Components can be substituted with equivalent or higher class materials.

Reference nos. and dimensions

AVK ref. nos.	DN/DN mm	Product PN class	T mm	T2 mm	L mm	D mm	D max mm	Theoretic weight kg
632-071-091-0063	50-65	PN16	48-71	69-91	294	200	226	6.5
632-071-106-0063	50-80	PN16	48-71	82-106	296	200	235	7.0
632-091-106-0063	65-80	PN16	69-91	82-106	294	226	235	7.5
632-106-133-0063	80-100	PN16	82-106	104-133	305	235	268	10
632-133-161-0063	100-125	PN16	104-133	132-161	305	268	285	13
632-133-188-0063	100-150	PN16	104-133	159-188	322	268	340	14
632-161-188-0063	125-150	PN16	132-161	159-188	321	285	340	15
632-188-227-0063	150-200	PN16	159-188	193-227	356	340	389	21
632-188-257-0063	150-225	PN16	159-188	224-257	374	340	437	28
632-227-257-0063	200-225	PN16	193-227	224-257	389	389	437	32
632-227-301-0063	200-250	PN16	193-227	266-301	386	389	476	32
632-257-301-0063	225-250	PN16	224-257	266-301	396	437	476	36
632-301-356-0063	250-300	PN16	266-301	314-356	437	476	545	42