



## AVK SUPA MAXI™ END CAP, PN16

634/00

Universal and tensile, A4 bolts, EPDM sealing

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™ end cap - 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:

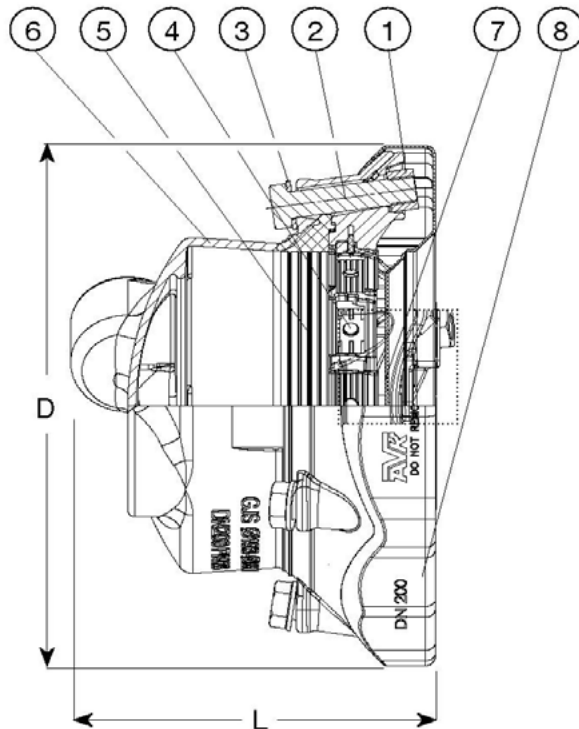
- Approved according to KIWA Certificate K 66561/01
- Approved according to SVGW Certificate No. 1205-6041

### 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 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 cap protects 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 DN100-400
- Design pressure 29 bar according to EN 14525 (DN400: 27 bar for PE-pipes). Working pressure max. 16 bar. Max. test pressure according to pipe standard



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	7. Bracker	Cast Steel
2. Bolt	Acid resistant Stainless Steel A4	8. Protection cap	Recyclable PE
3. Washer	Acid resistant Stainless Steel A4	9. Ring	Stainless steel 52
4. Grip segment	Gunmetal RG5 and Stainless Steel	10. Shrink hose	Plastic
5. Gasket	DVGW/NF approved EPDM rubber	11. Pipe	PE
6. Sleeve	Ductile Iron GJS-450 (GGG-45)		

Components can be substituted with equivalent or higher class materials.

**Reference nos. and dimensions**

AVK ref. nos.	DN mm	Product PN class	T mm	L mm	D mm	Theoretic weight kg
634-071-00-0163 <sup>(1)</sup>	50	PN16	48-71	195	200	4.0
634-071-00-0663 <sup>(2)</sup>	50	PN16	48-71	195	200	4.0
634-071-01-0363 <sup>(3)</sup>	50	PN16	48-71	150	200	3.8
634-091-00-0163 <sup>(1)</sup>	65	PN16	69-91	218	226	5.0
634-091-00-0363 <sup>(4)</sup>	65	PN16	69-91	218	226	5.0
634-091-00-0663 <sup>(2)</sup>	65	PN16	69-91	218	226	5.0
634-106-00-0163 <sup>(1)</sup>	80	PN16	80-106	220	235	5.5
634-106-00-0363 <sup>(4)</sup>	80	PN16	82-106	220	235	5.5
634-106-00-0663 <sup>(2)</sup>	80	PN16	82-106	220	235	5.5
634-133-00-0163 <sup>(1)</sup>	100	PN16	104-133	230	268	8.0
634-133-00-0063 <sup>(4)</sup>	100	PN16	104-133	230	268	8.0
634-161-00-0163 <sup>(1)</sup>	125	PN16	132-161	220	285	9.0
634-161-00-0363 <sup>(4)</sup>	125	PN16	132-161	220	285	9.0
634-188-00-0163 <sup>(1)</sup>	150	PN16	159-188	238	340	11
634-188-00-0363 <sup>(4)</sup>	150	PN16	159-188	238	340	11
634-227-00-0163 <sup>(1)</sup>	200	PN16	193-227	259	389	16
634-227-00-0363 <sup>(4)</sup>	200	PN16	193-227	259	389	16
634-257-00-0163 <sup>(1)</sup>	225	PN16	224-257	277	437	19
634-257-00-0363 <sup>(4)</sup>	225	PN16	224-257	277	437	19
634-301-00-0163 <sup>(1)</sup>	250	PN16	266-301	272	476	22
634-301-00-0363 <sup>(4)</sup>	250	PN16	266-301	272	476	22
634-356-00-0163 <sup>(1)</sup>	300	PN16	314-356	300	545	29
634-356-00-0363 <sup>(4)</sup>	300	PN16	314-356	300	545	29
634-442-01-0563 <sup>(5)</sup>	400	PN16	392-442	315	661	58

(1) 1 1/4" BSP thread, in line  
 (2) 1" BSP thread, in line  
 (3) 2" BSP thread, in line, short model  
 (4) 2" BSP thread, in line  
 (5) 1 1/2" BSP thread, in line