



AVK SUPA MAXI™ STRAIGHT COUPLING, PN 10

631/70

For gas, universal and tensile, NBR sealings

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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 PN 10. 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™ straight coupling - universal & tensile - A2 bolts / A4 nuts for gas -20°C to +70°C

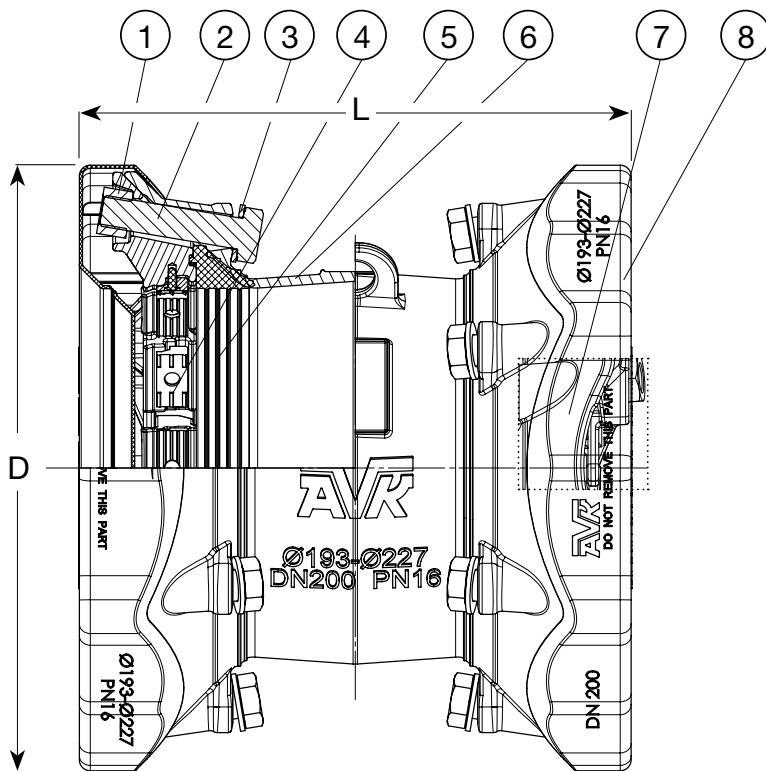
Standards:

- Designed according to EN 14525

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 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 PN 10
- Large tolerance ranges
- All DN's are for PN 10
- Ductile iron body and bracket of cast steel, epoxy coated according to DIN 30677-2 and GSK approved
- Gasket of NBR rubber approved by Gastec
- Bolts of A2 and nuts of A4 are anti-friction coated to prevent galling
- Permanent protection caps protect the coupling during handling and installation. They are yellow to indicate gas.
- 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 DN 100-300
- Design pressure 29 bar according to EN 14525. Working pressure max. 10 bar. Max. test pressure according to pipe standard.





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 90 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	Acid resistant stainless steel A4	2. Bolt	Stainless steel A2
3. Washer	Stainless steel A2	4. Grip segment	Gunmetal RG5 and stainless steel
5. Gasket	NBR rubber approved by Gastec	6. Sleeve	Ductile iron GJS-450 (GGG-45)
7. Bracket	Cast steel	8. Protection cap	Recyclable PE

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

Reference Nos. and Dimensions:

AVK ref. nos	DN mm	Product PN Class	T mm	L mm	D mm	Theoretic. weight kg
631-071-70-2	50	PN10	48 - 71	255	200	6.0
631-091-70-2	65	PN10	69 - 91	265	226	7.0
631-106-70-2	80	PN10	82 - 106	268	235	7.5
631-133-70-2	100	PN10	104 - 133	289	268	11
631-161-70-2	125	PN10	132 - 161	277	285	13
631-188-70-2	150	PN10	159 - 188	314	340	16
631-227-70-2	200	PN10	193 - 227	354	389	25
631-257-70-2	225	PN10	224 - 257	390	437	30
631-301-70-2	250	PN10	266 - 301	381	476	35
631-356-70-2	300	PN10	314 - 356	438	545	45