

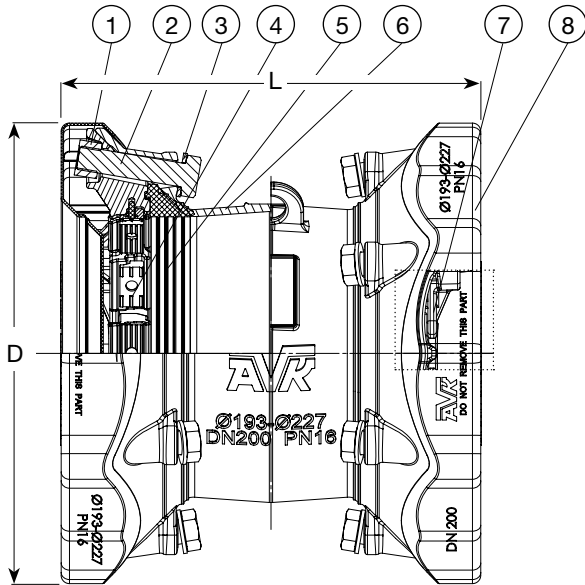
AVK SUPA MAXI™ STEP COUPLING, PN 10

632/70
004

Universal tensile Supa Maxi™ step coupling to EN 14525, for gas -30°C to +70°C, designed according to DIN/EN.

Universal and tensile resistant step coupling to EN 14525 for cast iron, ductile iron, PE, uPVC, and steel pipes.
Sleeve of ductile iron GJS-400-12 (GGG-40) and bracket of cast steel with epoxy coating according to DIN 30677-2, GSK approved - internally and externally.
Gasket of NBR rubber approved by Gastec and tensile grip segments of gunmetal RG5 and hardened stainless steel. Pins of polyamid.
Bolts and washers of stainless steel A2 and nuts of acid resistant stainless steel A4. Bolts and nuts are anti-friction coated. Protection caps of recyclable PE.
Max. $\pm 4^\circ$ angular deflection on each side, in total $\pm 8^\circ$.
Design pressure 29 bar according to EN 14525. Working pressure max. 10 bar. Max. test pressure according to pipe standard.





Features

Great flexibility and reduced stock

- Full tensile strength on all pipes is ensured by two different metal grip segments - every second of gunmetal for PE/PVC and of stainless steel for cast iron/ductile iron/steel pipes. For PE pipes a support bush is to be used.
- Large tolerance ranges, all DN's are for PN 10

Maximum tightness and long life

- Patented SupaGrip™ sealing support system with flexible bracket ensures full support of the gasket even at minimum pipe size
- 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
- Metal grip segments are mounted with pins for maximum durability
- Bolts and nuts are anti-friction coated to prevent galling
- Permanent protection caps protect the coupling during handling and installation

Easy handling and installation

- ±4° angular deflection on each side at max. 1.5 x PN 10
- Large insertion depth tolerances
- The pipe will not move inwards when tightening
- Number of bolts is kept to a minimum
- Bolts are tightened from the sleeve side to ease assembly when space is limited
- Standard flange bolts, only 1 wrench needed
- Re-tightening of bolts is not necessary
- Lifting eye in the sleeve in DN 100-300

Component list

1. Nut
2. Bolt
3. Washer
4. Grip segment
5. Gasket
6. Sleeve
7. Bracket
8. Protection cap

DN	
50	3 x M16 x 70 mm
65	3 x M16 x 70 mm
80	3 x M16 x 70 mm
100	4 x M16 x 75 mm
125	4 x M16 x 75 mm
150	4 x M20 x 95 mm
200	6 x M20 x 95 mm
225	6 x M24 x 95 mm
250	6 x M24 x 105 mm
300	8 x M24 x 105 mm

Reference nos. and dimensions

AVK ref. nos.	DN/DN mm	Prod. PN	T mm	T2 mm	L mm	D mm	D max mm	Theoretical weight kg
632-071-091-702	50-65	10	46-71	69-91	286	184	205	6,8
632-071-106-702	50-80	10	46-71	82-106	290	184	230	8,0
632-091-106-702	65-80	10	69-91	82-106	290	205	230	8,5
632-106-133-702	80-100	10	82-106	104-133	302	230	250	9,6
632-133-161-702	100-125	10	104-133	132-159	302	250	280	11
632-133-188-702	100-150	10	104-133	159-188	316	250	310	14
632-161-188-702	125-150	10	132-159	159-188	320	280	310	14
632-188-227-702	150-200	10	159-188	193-227	346	310	410	21
632-188-257-702	150-225	10	159-188	224-257	366	310	418	28
632-227-257-702	200-225	10	193-227	224-257	376	410	418	32
632-227-301-702	200-250	10	193-227	266-301	376	410	485	33
632-257-301-702	225-250	10	224-257	266-301	383	418	485	39
632-301-356-702	250-300	10	266-301	314-356	426	485	548	41