

Properties

| | |
|------------------------|--|
| Connection 1 | BSPT conical external threads |
| Sealing form 1 | thread seal |
| Connection 2 | metric cylindrical outer thread |
| Sealing form 2 | 24° inner cone |
| Design | Screw-in fitting |
| Construction | straight |
| Standard | DIN 2353 ISO 8434-1 |
| Scope of supply | Socket with union nut and cutting ring |
| Material | Stainless steel |



Note

Information about fitting, installation, pressure loads and permissible operating temperatures can be found in the technical information for pipe fittings.

Item

| Identification | Series | Operating pressure | External pipe Ø (mm) | G | i (mm) | L1 (mm) | L2 (mm) | S1 | S3 |
|-----------------------|--------|--------------------|----------------------|------------|--------|---------|---------|----|----|
| VR 04 LL VA | LL | PN 100 | 4 | R 1/8" K | 8 | 26 | 16,0 | 11 | 10 |
| VR 06 LL VA | LL | PN 100 | 6 | R 1/8" K | 8 | 26 | 14,5 | 11 | 12 |
| VR 06 LL 1/4 VA | LL | PN 100 | 6 | R 1/4" K | 12 | 26 | 14,5 | 12 | 12 |
| VR 08 LL VA | LL | PN 100 | 8 | R 1/8" K | 8 | 28 | 16,5 | 12 | 14 |
| VR 08 LL 1/4 VA | LL | PN 100 | 8 | R 1/4" K | 13 | 33 | 21,5 | 17 | 14 |
| VRK NW 04 HL VA | L | PN 315 | 6 | R 1/8" K | 10 | 32 | 17,0 | 12 | 14 |
| VRK NW 04 HL 1/4 VA | L | PN 315 | 6 | R 1/4" K | 13 | 36 | 21,0 | 17 | 14 |
| VRK NW 04 HL 3/8 VA | L | PN 315 | 6 | R 3/8" K | 12 | 36 | 21,0 | 17 | 14 |
| VRK NW 04 HL 1/2 VA | L | PN 315 | 6 | R 1/2" K | 14 | 27 | 12,0 | 22 | 14 |
| VRK NW 06 HL 1/8 VA | L | PN 315 | 8 | R 1/8" K | 8 | 31 | 16,0 | 14 | 17 |
| VRK NW 06 HL VA | L | PN 315 | 8 | R 1/4" K | 13 | 36 | 21,0 | 17 | 17 |
| VRK NW 06 HL 3/8 VA | L | PN 315 | 8 | R 3/8" K | 12 | 36 | 21,0 | 19 | 17 |
| VRK NW 06 HL 1/2 VA | L | PN 315 | 8 | R 1/2" K | 14 | 38 | 23,0 | 22 | 17 |
| VRK NW 08 HL 1/8 VA | L | PN 315 | 10 | R 1/8" K | 10 | 26 | 19,0 | 17 | 19 |
| VRK NW 08 HL VA | L | PN 315 | 10 | R 1/4" K | 13 | 37 | 22,0 | 17 | 19 |
| VRK NW 08 HL 3/8 VA | L | PN 315 | 10 | R 3/8" K | 12 | 37 | 22,0 | 19 | 19 |
| VRK NW 08 HL 1/2 VA | L | PN 315 | 10 | R 1/2" K | 14 | 39 | 24,0 | 22 | 19 |
| VRK NW 10 HL 1/8 VA | L | PN 315 | 12 | R 1/8" K | 8 | 32 | 17,0 | 19 | 22 |
| VRK NW 10 HL 1/4 VA | L | PN 315 | 12 | R 1/4" K | 13 | 38 | 23,0 | 19 | 22 |
| VRK NW 10 HL VA | L | PN 315 | 12 | R 3/8" K | 13 | 38 | 23,0 | 19 | 22 |
| VRK NW 10 HL 1/2 VA | L | PN 315 | 12 | R 1/2" K | 16 | 41 | 26,0 | 24 | 22 |
| VRK NW 10 HL 3/4 VA | L | PN 315 | 12 | R 3/4" K | 16 | 42 | 27,5 | 27 | 22 |
| VRK NW 13 HL 1/4 VA | L | PN 315 | 15 | R 1/4" K | 12 | 37 | 22,0 | 24 | 27 |
| VRK NW 13 HL 3/8 VA | L | PN 315 | 15 | R 3/8" K | 13 | 39 | 24,0 | 24 | 27 |
| VRK NW 13 HL VA | L | PN 315 | 15 | R 1/2" K | 16 | 42 | 27,0 | 24 | 27 |
| VRK NW 13 HL 3/4 VA | L | PN 315 | 15 | R 3/4" K | 16 | 30 | 15,0 | 32 | 27 |
| VRK NW 16 HL 3/8 VA | L | PN 315 | 18 | R 3/8" K | 13 | 31 | 14,5 | 27 | 32 |
| VRK NW 16 HL VA | L | PN 315 | 18 | R 1/2" K | 16 | 44 | 27,5 | 27 | 32 |
| VRK NW 16 HL 3/4 VA | L | PN 160 | 18 | R 3/4" K | 18 | 32 | 29,5 | 32 | 32 |
| VRK NW 20 HL 3/8 VA | L | PN 160 | 22 | R 3/8" K | 12 | 46 | 25,5 | 32 | 36 |
| VRK NW 20 HL 1/2 VA | L | PN 160 | 22 | R 1/2" K | 16 | 46 | 27,5 | 27 | 36 |
| VRK NW 20 HL VA | L | PN 160 | 22 | R 3/4" K | 18 | 48 | 31,5 | 32 | 36 |
| VRK NW 20 HL 1 VA | L | PN 160 | 22 | R 1" K | 18 | 50 | 31,5 | 32 | 36 |
| VRK NW 25 HL 1/2 VA | L | PN 160 | 28 | R 1/2" K | 14 | 46 | 25,5 | 41 | 41 |
| VRK NW 25 HL 3/4 VA | L | PN 160 | 28 | R 3/4" K | 16 | 49 | 30,5 | 41 | 41 |
| VRK NW 25 HL VA | L | PN 160 | 28 | R 1" K | 20 | 34 | 34,5 | 41 | 41 |
| VRK NW 25 HL 1 1/4 VA | L | PN 160 | 28 | R 1.1/4" K | 20 | 49 | 30,5 | 46 | 41 |
| VRK NW 32 HL VA | L | PN 160 | 35 | R 1.1/4" K | 21 | 39 | 36,5 | 46 | 50 |
| VRK NW 32 HL 1 VA | L | PN 160 | 35 | R 1" K | 20 | 34 | 34,5 | 41 | 41 |
| VRK NW 40 HL 1 1/4 VA | L | PN 160 | 42 | R 1.1/4" K | 20 | 55 | 31,0 | 55 | 60 |
| VRK NW 40 HL VA | L | PN 160 | 42 | R 1.1/2" K | 22 | 42 | 38,0 | 55 | 60 |
| VRK NW 03 HS VA | S | PN 400 | 6 | R 1/4" K | 13 | 41 | 26,0 | 17 | 17 |



| Item | | | | | | | | | |
|---------------------|--------|--------------------|-------------------------|------------|-----------|------------|------------|----|----|
| Identification | Series | Operating pressure | External pipe Ø (mm) | G | i (mm) | L1 (mm) | L2 (mm) | S1 | S3 |
| VRK NW 04 HS 3/8 VA | S | PN 400 | 8 | R 3/8" K | 12 | 40 | 25,0 | 19 | 19 |
| VRK NW 04 HS VA | S | PN 400 | 8 | R 1/4" K | 13 | 41 | 26,0 | 17 | 19 |
| VRK NW 06 HS VA | S | PN 400 | 10 | R 3/8" K | 13 | 42 | 25,5 | 19 | 22 |
| VRK NW 06 HS 1/4 VA | S | PN 400 | 10 | R 1/4" K | 13 | 41 | 26,0 | 17 | 22 |
| VRK NW 08 HS VA | S | PN 400 | 12 | R 3/8" K | 13 | 44 | 27,5 | 22 | 24 |
| VRK NW 08 HS 1/2 VA | S | PN 400 | 12 | R 1/2" K | 16 | 49 | 30,5 | 22 | 24 |
| VRK NW 10 HS VA | S | PN 400 | 14 | R 1/2" K | 16 | 50 | 32,0 | 24 | 27 |
| VRK NW 13 HS VA | S | PN 400 | 16 | R 1/2" K | 14 | 51 | 32,5 | 27 | 30 |
| VRK NW 16 HS VA | S | PN 400 | 20 | R 3/4" K | 18 | 60 | 35,5 | 32 | 36 |
| VRK NW 20 HS VA | S | PN 400 | 25 | R 1" K | 20 | 67 | 38,0 | 41 | 46 |
| VRK NW 25 HS VA | S | PN 250 | 30 | R 1.1/4" K | 21 | 71 | 40,5 | 46 | 50 |

Series: LL = Very light L = Light S = Heavy – PN = Nominal pressure PB = Max. operating pressure – Ø = External pipe diameter

Product versions

| | |
|---------|-----------------------------------|
| VRK | Screw-in fitting, Steel |
| VRK MG | Screw in fitting, Brass |
| XVRK VA | Screw-in fitting, Stainless steel |