

Data sheet

6320

ISO fitting connector



Standards

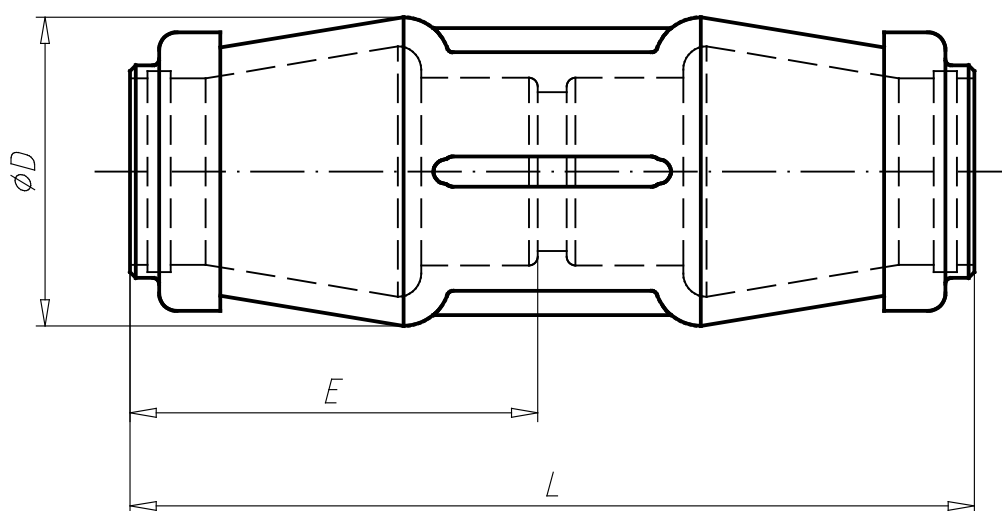
- For PE pipes according to EN 12201-2 and DIN 8074, up to PN 16
- The ISO pipe fitting is suitable for use in drinking water area up to a temperature of 30 °C up to a pressure of PN16
- Also suitable for vacuum situations (with support liner)
- restraint according to DIN 8076 T1/T3
- packed to prevent ingress of dirt and dust during storage according to EN 12351 and EN 805
- on request with special clamp for PVC pipes according to EN 1452-2

General features

- The HAWLE ISO pipe fitting is the easiest way joining polyethylene pipes
- The gripping and sealing functions act only the o.d. of the pipe; therefore only one fitting is required for all pressure ratings up to PN 16
- The function of the ISO pipe fitting is clear and simple; the O-ring is made of elastomer and seals well even when the pressure is nil, because it is compressed onto the pipe
- As the water pressure and pipe tension increase, the sealing and grip rings are compressed further into the conical chamber, thus increasing the sealing and gripping effect
- The joint is flexible and the fitting can be turned on the pipe without affecting the grip or seal. Assembly the fitting is quick and simple and can be dismantled if required.
- This design has been well proven for many years in water distribution and is used in pipelines with pressures up to PN 16 (also in vacuum situations, with support liner)
- The new copolymer version of the POM fitting is UV-stabilized and offers excellent long-term stability
- The colored dust caps of the POM fitting are used to distinguish the leading medium (gas, water) and offer protection against contamination
- All internal threads of POM fittings are reinforced with a stainless steel ring.

Materials

Part	Material
• Body	• POM (Polyoxymethylen)
• Grip ring	• POM (Polyoxymethylen) with special interlocking teeth
• O-Ring gasket	• EPDM according to EN 681-1



Material table

IN (Item Number)	LOD (LOD Level)	PE (Ø Pipe / mm)	PN (Pressure Rating)	L (/ mm)	E (/ mm)	D (ØD / mm)	W (Weight / kg)	PL (Product Link)
5018037	400	20	PN16	99	48	39	0.07	Link
5019717	400	25	PN16	121	58	43	0.1	Link
5018067	400	32	PN16	145	70	53	0.15	Link
5018200	400	40	PN16	164	82	72	0.35	Link
5019890	400	50	PN16	200	99	83	0.57	Link
5018040	400	63	PN16	224	110	99	0.71	Link

Made for Generations.

Hawle's Pioneering Spirit Since 1948.

Our Vision

Clean drinking water means life. Life means commitment.

That's why we provide the most reliable connections for drinking water supply around the world.

Our Mission

With pioneering spirit, reliable products, solution-oriented and partner-driven teamwork, we are actively shaping a reliable water supply around the world.

Our Strategy

We rely on targeted internationalization and the development of further growth areas in water management

within the Hawle Austria Group. The basis for this strategy is our proven culture of engagement and our passion for further development.

Our Values

- Passion
- Reliability
- Partnership

The Hawle Austria Group produces and distributes valves and fittings for water distribution all over the world. These products have been manufactured for generations and are used in urban water management from the source right through to the connection in the house.

The pioneer Engelbert Hawle founded the company in Vöcklabruck, Austria, in 1948. His idea was to create a revolutionary pipe connection for drinking water pipelines. His workshop was modest but he made up for that with plenty of ideas and passion, always aiming to achieve customer-oriented solutions. With pioneering spirit and the ambition to keep developing his products further, Hawle reached ever greater milestones over the decades. Today, Hawle is the leading company for quality in heavy-duty valves.

The Group is now a global player and has remained in family control since the beginning. Hawle always keeps the future in mind and has an international vision, striving to develop the company in a sustainable and positive way.

The Hawle Austria Group currently has 1200 employees across the globe.

