

PERROT lever couplings



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Popular lever couplings PERROT Material:

galvanised steel, AISI 316L steel

Operating pressure: 10 bar (8 bar for 216 mm size)

Operating temperature: from -20°C to +70°C (SBR - standard)
from -20°C to +110°C (NBR - optional)
from -30°C to +130°C (EPDM - optional)

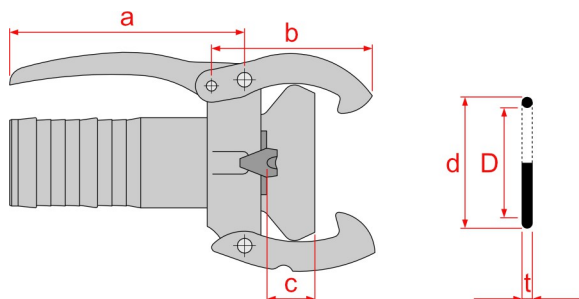
Created as an irrigation system, the PERROT connector system has found a number of other applications over the decades. PERROT connectors consist of a male and a female part. The female part has a lever clasp and an SBR gasket as standard. They are used, among others, on farms, in horticulture, industry, construction, road and tunnel construction, groundwater drainage, treatment plants, sewage disposal, environmental protection. Key advantages of the system:

- easy coupling with just one hand;
- wide range of sizes (50, 70, 89, 108, 133, 159, 216 mm - this is the approximate outside diameter of the pipe);
- double-sided connection at an angle of up to 15° (size 50 to 159 mm);
- full tightness even with contaminated joints.



Tubes International offers connectors made of galvanised steel and stainless steel in the OPTIMA version (entirely made of AISI 316L steel). The stainless steel version extends the application of the couplings, e.g. for the transfer of spirits, edible oils, wines, beverages, acids, alkalis, refinery products, chemicals (with appropriate seals).

Basic connector and gasket dimensions:



connect or size	a	b	c	d	D	t
50	132	89	24	64	86	11
70	150	109	25	87	110	11,5
89	222	143	31	112	140	14
108	222	143	36	124	160	18
133	222	143	35	146	190	22
159	222	143	36	180	224	22
216*	278	158	44	255	304	24,5

* - the 216 mm connector has two levers of dimension a

size		Socket with rolled hose nozzle		Rolled hose connector	
		 KMSK		 KVSK	
connection [mm]	Hose DN [mm]	index (galvanised steel)	L [mm]	index (galvanised steel)	L [mm]
50	50	HC-KMSK-050-050	170	HC-KVSK-050-050	140
70	60	HC-KMSK-070-060	182	HC-KVSK-070-060	151
70	65	HC-KMSK-070-065	182	HC-KVSK-070-065	151
70	70	HC-KMSK-070-070	182	HC-KVSK-070-070	151
70	75	HC-KMSK-070-075	279	HC-KVSK-070-075	248
89	75	HC-KMSK-089-075	232	HC-KVSK-089-075	180
89	80	HC-KMSK-089-080	232	HC-KVSK-089-080	180
89	90	HC-KMSK-089-090	227	HC-KVSK-089-090	180
108	100	HC-KMSK-108-100	261	HC-KVSK-108-100	207
108	110	HC-KMSK-108-110	253	HC-KVSK-108-110	207
133	125	HC-KMSK-133-125	325	HC-KVSK-133-125	268
159	150	HC-KMSK-159-150	318	HC-KVSK-159-150	268