

# INDUSTRIAL FITTINGS - couplings

## Lever couplings PERROT

PERROT coupling system is the most popular system of flexible connection in Poland. It was designed for irrigation purposes, yet over the last decades it has been used for many other applications.

PERROT couplings (pipes and fittings) are widely used in farming, gardening, industry, construction, road and tunnel building, groundwater drainage, sewage treatment plants, wastewater disposal and environmental engineering.

Advantages of the system:

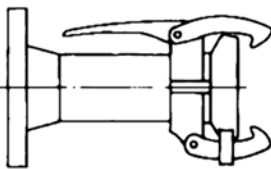
- easy, one hand connection of the couplings,
- wide range of pipe diameters (50, 70, 108, 133, 159 mm),
- angular deflection of the coupling up to 15° to both sides,
- complete leak tightness even in contaminated couplings.

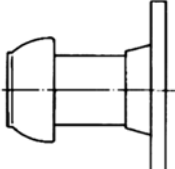
PERROT couplings are made of galvanized steel as a standard.

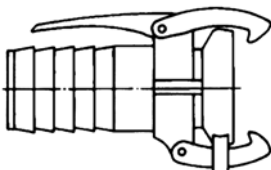
Couplings made of acid-resistant steel (AISI 316L) are available in two material versions: SUPRA and OPTIMA.

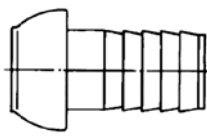
- SUPRA - female and male connecting parts made of AISI 316L steel, levers of the female part made of galvanized steel.
- OPTIMA - female and male connecting parts made of AISI 316L steel.

PERROT couplings made of acid resistant steel can be used to transfer e.g. alcohol, wine, vegetable oil, beverages, acids, lyes, petrochemical products, chemicals. Working pressure up to 10 bar.

Socket with flange PN10			
			
<b>KMF</b>			
size		zinc-plated steel	AISI 316L (OPTIMA)
connect. [mm]	DN flange [mm]		
50	50	HC-KMF-050-050	HC-KMF-050-050-SS
70	65	HC-KMF-070-065	HC-KMF-070-065-SS
89	80	HC-KMF-089-080	HC-KMF-089-080-SS
108	100	HC-KMF-108-100	HC-KMF-108-100-SS
133	125	HC-KMF-133-125	HC-KMF-133-125-SS
159	150	HC-KMF-159-150	HC-KMF-159-150-SS

Plug with flange PN10			
			
<b>KVF</b>			
size		zinc-plated steel	AISI 316L (OPTIMA)
connect. [mm]	DN flange [mm]		
50	50	HC-KVF-050-050	HC-KVF-050-050-SS
70	65	HC-KVF-070-065	HC-KVF-070-065-SS
89	80	HC-KVF-089-080	HC-KVF-089-080-SS
108	100	HC-KVF-108-100	HC-KVF-108-100-SS
133	125	HC-KVF-133-125	HC-KVF-133-125-SS
159	150	HC-KVF-159-150	HC-KVF-159-150-SS

Socket with hose tail			
			
<b>KMS</b>			
size		zinc-plated steel	AISI 316L (OPTIMA)
connect. [mm]	hose tail [mm]		
50	50	HC-KMS-050-050	HC-KMS-050-050-SS
70	70	HC-KMS-070-070	HC-KMS-070-070-SS
89	75	HC-KMS-089-075	HC-KMS-089-075-SS
89	80	HC-KMS-089-080	HC-KMS-089-080-SS
89	90	HC-KMS-089-090	HC-KMS-089-090-SS
108	75	HC-KMS-108-075	-
108	100	HC-KMS-108-100	HC-KMS-108-100-SS
108	110	HC-KMS-108-110	HC-KMS-108-110-SS
133	125	HC-KMS-133-125	HC-KMS-133-125-SS
159	150	HC-KMS-159-150	HC-KMS-159-150-SS

Plug with hose tail			
			
<b>KVS</b>			
size		zinc-plated steel	AISI 316L (OPTIMA)
connect. [mm]	hose tail [mm]		
50	50	HC-KVS-050-050	HC-KVS-050-050-SS
70	70	HC-KVS-070-070	HC-KVS-070-070-SS
89	75	HC-KVS-089-075	HC-KVS-089-075-SS
89	80	HC-KVS-089-080	HC-KVS-089-080-SS
89	90	HC-KVS-089-090	HC-KVS-089-090-SS
108	75	HC-KVS-108-075	-
108	100	HC-KVS-108-100	HC-KVS-108-100-SS
108	110	HC-KVS-108-110	HC-KVS-108-110-SS
133	125	HC-KVS-133-125	HC-KVS-133-125-SS
159	150	HC-KVS-159-150	HC-KVS-159-150-SS