

Pharmaline N and X Female Cam & Groove Fittings and Male Cam & Groove Fittings

End Fitting Specifications

- Generally in accordance with A-A-59326 (replaces MIL-C-27487) and EN14420-1 (replaces DIN 2828), and all are fully interchangeable.

Temperature and Pressure Ratings

- When used with a Buna N Gasket all sizes up to 16 Bar (230 psi) and up to a maximum temperature of 65°C (149°F).
- When used with FEP, Fluoro Rubber or other encapsulated gaskets all sizes up to 10 Bar (145 psi) and up to a maximum temperature of 204°C (400°F)

Note: The fitting design on this page is to the current Old Style (OS) fitting design. An alternative Direct Crimp (DC) fitting option is also available which can be assembled without stripping the rubber at the hose ends, see pg 19.

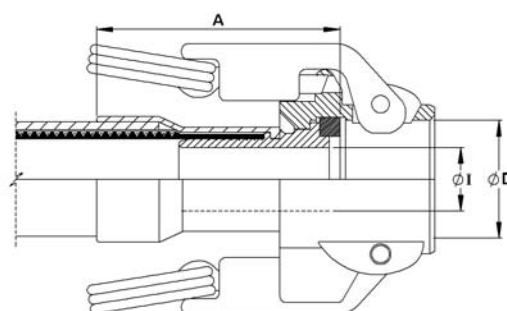
End Fitting Materials

- Spigot in Grade 316L SS = EN 1.4404
- Body in Grade 316C SS = EN 1.4408
- Ferrules, most in Grade 304 SS, some sizes in Grade 316L SS
- Standard Gasket is Buna N (Nitrile) Rubber.
- FEP encapsulated Silicone Rubber Gaskets also available.

Surface Finish :

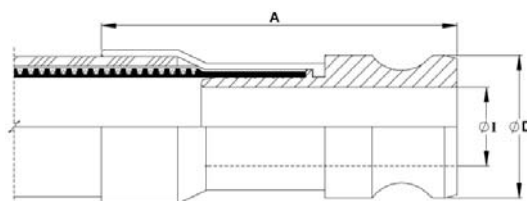
- All surface finishes are to ASME BPE-SF-O (No finish required).
- If a specified finish on a particular surface is required, please state on the enquiry and order.

Swivelling, Locking Arm Female Cam and Groove Fittings - Non-Lined



Nominal Hose Size		Fitting Length A		Cam Sleeve Inside Diameter D		Fitting Inside Diameter I		Weight of Fitting	
in	mm	in	mm	in	mm	in	mm	Kg	Lbs
3/4	20	3.22	82.0	1.260	32	0.625	15.88	0.54	1.19
1	25	3.39	86.5	1.456	37	0.797	20.24	0.71	1.56
1 1/4	32	3.86	98.0	1.81	46	1.03	26.21	1.20	2.64
1 1/2	40	3.97	101.0	2.126	54	1.25	31.75	1.23	2.71
2	50	4.09	104.0	2.520	64	1.75	44.45	1.52	3.35

Non-Lined Cam & Groove Male Fitting



Nominal Hose Size		Outside Diameter D		Non-Lined Fitting Length A		Non-Lined Inside Diameter I		Weight of Fitting	
in	mm	in	mm	in	mm	in	mm	Kg	Lbs
3/4	20	1.260	32.0	3.48	88.5	0.625	15.88	0.35	0.77
1	25	1.456	37.0	3.94	100	0.80	20.24	0.45	0.99
1 1/4	32	1.79	45.5	N/A	N/A	N/A	N/A	0.45	1.09
1 1/2	40	2.106	53.5	4.86	123.5	1.25	31.75	0.84	1.85
2	50	2.480	63.0	5.47	139	1.75	44.45	1.10	2.42