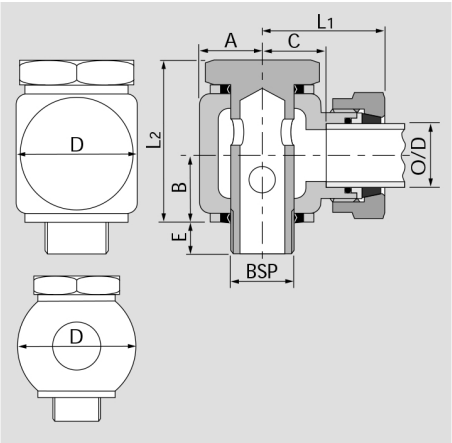
Banjos

Benefits:

- Leak free o-ring seal
- Safe joint every time
- Low tightening torque and clamping force rises with the internal pressure.
- Low installed cost, no welding (so inert gas purging, NDT and excessive flushing are not required), minimal tube preparation and no special assembly equipment required.
- Demountable and reusable, can be used with most tube materials.



Features:

Body– mild steel, compatible with most fluids and environments. Locates O'ring and tube.

O ring– nitrile, compatible with most fluids, highly resistant to leakage even under severe vibration, pressure pulsation and temperature cycling. Provides diametric seal between the O/D and body cavity.

Nut- mild steel, compatible with environments. Closes split collet and retains sealing mechanism.

Back-up washer– mild steel. Provides additional support for the tube and locates the O ring.

Split collet– mild steel. Clamping force rises with pressure. Large clamping area ensures minimal deformation of the tube. Retains tube in position.

Working Temperature:
Nitrile: -40°C to +100°C
Viton: -20°C to +150°C

Maximum Working Pressure:
6mm to 22mm: 680 bar
25mm to 50mm: 500 bar

All fittings also available in the following materials upon request:

- Stainless steel
- Cupro-nickel

Seals available on request:

- EP (ethylene propylene)
- FEP encapsulated FPM

All fittings supplied with Nitrile seals as standard.

BSPP		
0459	OD mm	
KRAM6-4BJR	6	1/4"
KRAM8-4BJR	8	1/4"
KRAM10-6BJR	10	3/8"
KRAM12-6BJR	12	3/8"
KRAM16-8BJR	16	1/2"
KRAM20-12BJR	20	3/4"
KRAM25-16BJR	25	3/4"
KRAM30-20BJR	30	1.1/4"
KRAM38-24BJR	38	1.1/2"

		Part No	Dimensions - mm								
O/D mm	Stud BSP		L_1	L_2	C	A	B	E	D	Nut	Body
6	$\frac{1}{4}$	**AM6-4BJR**	**32**	**30**	**17**	**13**	**12**	**10**	**Ø 29**	**16**	**19**
8	$\frac{1}{4}$	**AM8-4BJR**	**32**	**30**	**17**	**13**	**12**	**10**	**Ø 29**	**17**	**19**
10	$\frac{3}{8}$	**AM10-6BJR**	**40**	**42**	**18**	**18**	**17**	**11**	**Ø 38**	**27**	**22**
12	$\frac{3}{8}$	**AM12-6BJR**	**40**	**42**	**18**	**18**	**17**	**11**	**Ø 38**	**27**	**22**
16	$\frac{1}{2}$	**AM16-8BJR**	**45**	**47**	**21**	**21**	**20**	**13**	**Ø 45**	**32**	**27**
20	$\frac{3}{4}$	**AM20-12BJR**	**56**	**63**	**26**	**25**	**26**	**16**	**Ø 59**	**41**	**33**
22	$\frac{3}{4}$	AM22-12BJR	56	63	26	25	26	16	Ø 59	41	33
25	**1**	**AM25-16BJR**	**62**	**75**	**31**	**29**	**31**	**17**	**57**	**46**	**41**
30	**1**	**AM30-16BJR**	**69**	**81**	**36**	**32**	**34**	**17**	**64**	**50**	**41**
30	$1\frac{1}{4}$	AM30-20BJR	75	89	42	38	38	17	76	50	50
38	$\mathbf{1\frac{1}{4}}$	**AM38-20BJR**	**82**	**96**	**44**	**38**	**41**	**17**	**76**	**60**	**50**
38	$1\frac{1}{2}$	AM38-24BJR	86	107	48	43	46	22	86	60	60

O/D mm	Stud BSP	Part No	Dimensions - mm A	E	L	P	Nut	Body
6	1/4"	AM6-4MSCR	11	11	26	11	16	19
6	3/8"	AM6-6MSCR	13	13	28	14	16	22
8	1/8"	AM8-2MSCR	11	10	26	8	17	17
8	1/4"	AM8-4MSCR	11	11	26	11	17	19
8	3/8"	AM8-6MSCR	13	13	28	14	17	22
10	1/4"	AM10-4MSCR	10	11	32	11	27	27
10	3/8"	AM10-6MSCR	10	13	32	14	27	27
10	1/2"	AM10-8MSCR	10	16	32	18	27	27
12	3/8"	AM12-6MSCR	10	13	32	14	27	27
12	1/2"	AM12-8MSCR	10	16	32	18	27	27
12	3/4"	AM12-12MSCR	11	19	33	23	27	33
16	3/8"	AM16-6MSCR	11	13	34	14	32	27
16	1/2"	AM16-8MSCR	11	16	34	18	32	27
16	3/4"	AM16-12MSCR	13	19	36	23	32	33
20	1/2"	AM20-8MSCR	11	16	41	18	41	36
20	3/4"	AM20-12MSCR	11	19	41	23	41	36
20	1"	AM20-16MSCR	13	21	44	29	41	41
22	3/4"	AM22-12MSCR	13	19	44	23	41	41
25	3/4"	AM25-12MSCR	15	19	46	23	46	41
25	1"	AM25-16MSCR	15	21	46	29	46	41
25	1 1/4"	AM25-20MSCR	18	21	49	37	46	50
30	1"	AM30-16MSCR	19	21	53	29	50	46
30	1 1/4"	AM30-20MSCR	19	21	53	37	50	50
38	1"	AM38-16MSCR	24	21	62	29	60	55
38	1 1/4"	AM38-20MSCR	24	21	62	37	60	55
38	1 1/2"	AM38-24MSCR	24	25	62	43	60	60
50	1 1/4"	AM50-20MSCR	30	21	80	37	80	80
50	1 1/2"	AM50-24MSCR	30	25	81	43	80	80
50	2"	AM50-32MSCR	30	30	81	55	80	80