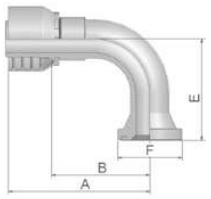
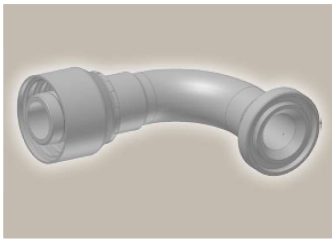
19 ISO 6162-1-Flange 90° Elbow

ISO 12151-3 – E– L – SFL 90°
(21.0 MPa/ 3000 psi)





Part Number		Hose I.D.				Flange	A	B	E	F
46 series	48 series	DN	Inch	Size	mm	Inch	mm	mm	mm	mm
11946-8-8	11948-8-8	12	1/2	-8	12.7	1/2	64	41	41	30
11946-12-8	11948-12-8	12	1/2	-8	12.7	3/4	70	47	43	38
11946-12-10	11948-12-10	16	5/8	-10	15.9	3/4	78	53	52	38
11946-16-10	11948-16-10	16	5/8	-10	15.9	1	78	53	53	45
11946-12-12	11948-12-12	19	3/4	-12	19.1	3/4	80	54	58	38
11946-16-12	11948-16-12	19	3/4	-12	19.1	1	80	54	58	45
11946-20-12	11948-20-12	19	3/4	-12	19.1	1 1/4	80	54	54	51
11946-12-16	11948-12-16	25	1	-16	25.4	3/4	98	68	70	38
11946-16-16	11948-16-16	25	1	-16	25.4	1	98	68	70	45
11946-20-16	11948-20-16	25	1	-16	25.4	1 1/4	98	68	69	51
	11948-24-16	25	1	-16	25.4	1 1/2	100	70	62	60
	11948-16-20	31	1 1/4	-20	31.8	1	129	82	90	45
11946-20-20		31	1 1/4	-20	31.8	1 1/4	124	86	90	51
	11948-20-20	31	1 1/4	-20	31.8	1 1/4	130	83	90	51
11946-24-20		31	1 1/4	-20	31.8	1 1/2	124	86	90	60
	11948-24-20	31	1 1/4	-20	31.8	1 1/2	129	82	90	60
	11948-32-20	31	1 1/4	-20	31.8	2	130	83	67	71
	11948-24-24	38	1 1/2	-24	38.1	1 1/2	149	111	104	60
	11948-32-24	38	1 1/2	-24	38.1	2	139	101	104	71
	11948-24-32	51	2	-32	50.8	1 1/2	154	106	104	60
	11948-32-32	51	2	-32	50.8	2	180	132	138	71

To select corresponding half-flange and O-ring see section Eb.

Approved **fitting series** for **hose types**, depending on size: Also available in stainless steel. Details can be found in CAT 4400.1/UK

46 or **48** 441 | 441RH | 461LT | 462 | 462ST | 462CLF | 462TC | 462ST | 629PU | 692PU Twin

46 463 | 492 | 492ST | 492TC | 692 | 692Twin | 692TC | BCH1

48 301SN | 301TC | 304 | 387 | 387ST | 387TC | 421RH | 421SN | 426 | 436 | 441RH | 462PU | 462PU Twin | BCH2 | HT2 | ...

471TC | 477 | 477ST | 477TC | 477RH | 487 | 487ST | 487TC | 493 | 787 | 787TC | 787ST | 797 | 797TC | 797ST | 811 | 881

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