



90° FLANGE S SERIES / CODE 62

REF. ISO 12151-3 / SAE J516

87691 87692

PART NO.		FLANGE SIZE	HOSE SIZE		DIMENSIONS					O-RING **
BRAIDED	SPIRAL		DN	DASH	A	C	D	H	L	
87691-08-08Z *	87692-08-08Z	1/2"	12	08	41	31.7	24	48	7.75	O210 N90
87691-12-08Z	87692-12-08Z	3/4"	12	08	41	41.3	32	52	8.76	O214 N90
87691-12-10Z	87692-12-10Z	3/4"	16	10	56	41.3	32	56.5	8.76	O214 N90
87691-12-12Z *	87692-12-12Z *	3/4"	20	12	65.5	41.3	32	66	8.76	O214 N90
87691-16-16Z *	87692-16-16Z *	1"	25	16	76.7	47.6	38	74.5	9.53	O219 N90
87691-16-20Z	87692N-16-20Z *	1"	32	20	91.5/94.1	47.6	38	85.5	9.53	O219 N90
87691-20-16Z	87692-20-16Z *	1.1/4"	25	16	76.7	54	44	78.5	10.29	O222 N90
87691-24-20Z	87692N-24-20Z	1.1/2"	32	20	91.5/94.1	63.5	51	94.5	12.57	O225 N90
87691-24-24Z	87692N-24-24Z *	1.1/2"	40	24	109.4/112.4	63.5	51	108	12.57	O225 N90
87691-32-24Z	87692N-32-24Z	2"	40	24	109.4/112.4	79.4	67	116	12.57	O228 N90
87691-32-32Z	87692N-32-32Z *	2"	50	32	131.8/136.2	79.4	67	136.3	12.57	O228 N90
ISO 12151-3 SHORT ELBOW (ES)										
87691-16-16H61Z	87692-16-16H61Z	1"	25	16	76.7	47.6	38	61	9.53	O219 N90
87691-20-16H68Z	87692-20-16H68Z	1.1/4"	25	16	76.7	54	44	68	10.29	O222 N90
87691-20-20H68Z	87692N-20-20H68Z	1.1/4"	32	20	91.5/94.1	54	44	68	10.29	O222 N90
87691-24-20H81Z	87692N-24-20H81Z	1.1/2"	32	20	91.5/94.1	63.5	51	81	12.57	O225 N90
87691-24-24H81Z	87692N-24-24H81Z	1.1/2"	40	24	109.4/112.4	63.5	51	81	12.57	O225 N90
87691-32-24H120Z	87692N-32-24H120Z	2"	40	24	109.4/112.4	79.4	67	120	12.57	O228 N90
87691-32-32H120Z	87692N-32-32H120Z	2"	50	32	131.8/136.2	79.4	67	120	12.57	O228 N90
ISO 12151-3 MEDIUM ELBOW (EM)										
87691-08-08H40Z	87692-08-08H40Z	1/2"	12	08	41	31.7	24	40	7.75	O210 N90
87691-12-08H58Z	87692-12-08H58Z	3/4"	12	08	41	41.3	32	58	8.76	O214 N90
87691-12-12H58Z	87692-12-12H58Z	3/4"	20	12	65.5	41.3	32	58	8.76	O214 N90
87691-16-12Z	87692-16-12Z	1"	20	12	65.5	47.6	38	69	9.53	O219 N90
87691-16-16H70Z	87692-16-16H70Z	1"	25	16	76.7	47.6	38	70	9.53	O219 N90
87691-20-16H90Z	87692-20-16H90Z	1.1/4"	25	16	76.7	54	44	90	10.29	O222 N90
87691-20-20Z *	87692N-20-20Z *	1.1/4"	32	20	91.5/94.1	54	44	89.5	10.29	O222 N90
87691-24-20H104Z	87692N-24-20H104Z	1.1/2"	32	20	91.5/94.1	63.5	51	104	12.57	O225 N90
87691-24-24H104Z	87692N-24-24H104Z	1.1/2"	40	24	109.4/112.4	63.5	51	104	12.57	O225 N90
87691-32-24H138Z	87692N-32-24H138Z	2"	40	24	109.4/112.4	79.4	67	138	12.57	O228 N90
87691-32-32H138Z	87692N-32-32H138Z	2"	50	32	131.8/136.2	79.4	67	138	12.57	O228 N90

- The dimension A before "/" is for braided hose fitting and after "/" is for spiral hose fitting.
- Part no. marked with "*" is recommended.
- ** NBR O-ring need another order. Use V80 replace N90 when the fitting material is stainless steel and the O-ring material is Viton.
- Material options for nipple.

Nipple material	Part. No. suffix	Part No. example
Carbon steel (Default)	Z	87692-12-12Z
304 stainless steel	SR	87692-12-12SR
316L stainless steel	SV	87692-12-12SV
316Ti stainless steel	SY	87692-12-12SY

5. Plating options and performance for carbon steel fittings.

Plating method	Part. No. suffix	Part No. example	White rust (Hours)	Red rust (Hours)
Cr3+ plating (Default)	Z	87692-12-12Z	96	360
Durakote plating	ZD	87692-12-12ZD	360	720
Zinc-nickel plating	ZN	87692-12-12ZN	1000	-