



45° FLANGE S SERIES / CODE 62

REF. ISO 12151-3 / SAE J516

87641Y

87642Y

PART NO.		FLANGE SIZE	HOSE SIZE		DIMENSIONS					O RING **
BRAIDED	SPIRAL		DN	DASH	A	C	D	H	L	
87641Y-08-08Z	87642Y-08-08Z	1/2"	12	08	58.9	31.7	24	24	7.75	O210 N90
87641Y-08-12Z	87642Y-08-12Z	1/2"	20	12	64.3	31.7	24	26.6	7.75	O210 N90
87641Y-12-10Z	87642Y-12-10Z	3/4"	16	10	72.5	41.3	32	28.2	8.76	O214 N90
87641Y-12-12Z *	87642Y-12-12Z *	3/4"	20	12	79.2	41.3	32	31.8	8.76	O214 N90
87641Y-16-12Z *	87642Y-16-12Z *	1"	20	12	81.3/83.3	47.6	38	33.9	9.53	O219 N90
87641Y-16-16Z *	87642Y-16-16Z *	1"	25	16	88.9	47.6	38	34.7	9.53	O219 N90
87641Y1-20-20Z +	-	1.1/4"	32	20	102.3	54	44	41.5	10.29	O222 N90
87641Y-20-20Z ++	87642Y-20-20Z *	1.1/4"	32	20	102.3/104.9	54	44	41.5	10.29	O222 N90
87641Y1-24-20Z +	-	1.1/2"	32	20	105.8	63.5	51	45.1	12.57	O225 N90
87641Y-24-20Z ++	87642Y-24-20Z	1.1/2"	32	20	105.8/108.4	63.5	51	45.1	12.57	O225 N90
87641Y-24-24Z	87642Y-24-24Z	1.1/2"	40	24	119.8/122.8	63.5	51	49	12.57	O225 N90
87641Y-32-24Z	87642Y-32-24Z	2"	40	24	125.4/128.4	79.4	67	54.7	12.57	O228 N90
87641Y-32-32Z	87642Y-32-32Z	2"	50	32	144.8/149.2	79.4	67	61.9	12.57	O228 N90
ISO 12151-3 SHORT ELBOW (ES)										
87641Y-16-16H28Z	87642Y-16-16H28Z	1"	25	16	62.9	47.6	38	28	9.53	O219 N90
87641Y-20-16H32Z	87642Y-20-16H32Z	1.1/4"	25	16	86.2/88.5	54	44	32	10.29	O222 N90
87641Y1-20-20H32Z +	-	1.1/4"	32	20	92.8	54	44	32	10.29	O222 N90
87641Y-20-20H32Z ++	87642Y-20-20H32Z	1.1/4"	32	20	92.8/95.4	54	44	32	10.29	O222 N90
87641Y1-24-20H38Z +	-	1.1/2"	32	20	98.7	63.5	51	38	12.57	O225 N90
87641Y-24-20H38Z ++	87642Y-24-20H38Z	1.1/2"	32	20	98.7/101.3	63.5	51	38	12.57	O225 N90
87641Y-24-24H38Z	87642Y-24-24H38Z	1.1/2"	40	24	108.8/111.8	63.5	51	38	12.57	O225 N90
87641Y-32-24H52Z	87642Y-32-24H52Z	2"	40	24	122.7/125.7	79.4	67	52	12.57	O228 N90
87641Y-32-32H52Z	87642Y-32-32H52Z	2"	50	32	134.9/139.3	79.4	67	52	12.57	O228 N90
ISO 12151-3 MEDIUM ELBOW (EM)										
87641Y-08-08H19Z	87642Y-08-08H19Z	1/2"	12	08	53.9	31.7	24	19	7.75	O210 N90
87641Y-12-08H26Z	87642Y-12-08H26Z	3/4"	12	08	61	41.3	32	26	8.76	O214 N90
87641Y-12-12H26Z	87642Y-12-12H26Z	3/4"	20	12	73.4	41.3	32	26	8.76	O214 N90
87641Y-16-12H32Z	87642Y-16-12H32Z	1"	20	12	79.4/81.4	47.6	38	32	9.53	O219 N90
87641Y-16-16H32Z	87642Y-16-16H32Z	1"	25	16	86.2	47.6	38	32	9.53	O219 N90
87641Y-20-16Z	87642Y-20-16Z	1.1/4"	25	16	91.7/94	54	44	37.5	10.29	O222 N90
87641Y1-20-20H38Z +	-	1.1/4"	32	20	98.8	54	44	38	10.29	O222 N90
87641Y-20-20H38Z ++	87642Y-20-20H38Z	1.1/4"	32	20	98.8/101.4	54	44	38	10.29	O222 N90
87641Y1-24-20H44Z +	-	1.1/2"	32	20	104.7	63.5	51	44	12.57	O225 N90
87641Y-24-20H44Z ++	87642Y-24-20H44Z	1.1/2"	32	20	104.7/107.3	63.5	51	44	12.57	O225 N90
87641Y-24-24H44Z	87642Y-24-24H44Z	1.1/2"	40	24	114.8/117.8	63.5	51	44	12.57	O225 N90
87641Y-32-24H56Z	87642Y-32-24H56Z	2"	40	24	126.7/129.7	79.4	67	56	12.57	O228 N90
87641Y-32-32H56Z	87642Y-32-32H56Z	2"	50	32	138.9/143.3	79.4	67	56	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.
- Marked with "+" design for GH781, GH663, FC686, EC110, EC881 hose, Marked with "++" design for GH793, EC210, EC215 hose.
- The recommended match hoses for 1 piece braided fittings are : FC687/EC115-16 and smaller sizes; GH663/EC881-20 and smaller sizes; FC686/EC210/EC215/GH781-24 and smaller sizes; EC110/GH793 whole sizes etc. and with non-skive crimping. For 1 piece spiral fittings are: 2755/GH493/EC640/GH425-16 and smaller sizes; GH506/EC512-12 and larger sizes with skive crimping.
- Material options for fitting.

Fitting material	Part. No. suffix	Part No. example
Carbon steel (Default)	Z	87642Y-12-12Z
304 stainless steel	SR	87642Y-12-12SR
316L stainless steel	SV	87642Y-12-12SV
316Ti stainless steel	SY	87642Y-12-12SY

7. 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	87642Y-12-12Z	96	360
Durakote plating	ZD	87642Y-12-12ZD	360	720
Zinc-nickel plating	ZN	87642Y-12-12ZN	1000	-