



24241Y

24242Y

45° ORFS FEMALE FLAT SEAT

REF. ISO 12151-1 / SAE J516

PART NO.		THREAD E	HOSE SIZE		DIMENSIONS			
BRAIDED	SPIRAL		DN	DASH	A	H	C	S2
24241Y-04-04Z *	-	9/16"X18	6	04	45.5	23.4	8.5	19
24241Y-04-05Z	-	9/16"X18	8	05	47.6	24.3	8.5	19
24241Y-04-06Z	-	9/16"X18	10	06	49.2	24.9	8.5	19
24241Y-06-04TZ	-	11/16"X16	6	04	39.5	17.4	10	22
24241Y-06-05TZ	-	11/16"X16	8	05	42.3	19	10	22
24241Y-06-06Z *	24242Y-06-06Z	11/16"X16	10	06	51.7	27.4	10	22
24241Y-06-08Z	24242Y-06-08Z	11/16"X16	12	08	63.9	29	10	22
24241Y-08-06TZ *	24242Y-08-06TZ	13/16"X16	10	06	44.6	20.3	11	27
24241Y-08-08Z *	24242Y-08-08Z	13/16"X16	12	08	65.3	30.4	11	27
24241Y-08-10Z	24242Y-08-10Z	13/16"X16	16	10	76.5	31.7	11	27
24241Y-10-08TZ	24242Y-10-08TZ	1"X14	12	08	58.2	23.3	13.5	30
24241Y-10-10Z *	24242Y-10-10Z	1"X14	16	10	79.7	34.9	13.5	30
24241Y-10-12Z	24242Y-10-12Z	1"X14	20	12	86.5	38.4	13.5	30
24241Y-12-08TZ	24242Y-12-08TZ	1.3/16"X12	12	08	58.2	23.3	15	36
24241Y-12-10TZ	24242Y-12-10TZ	1.3/16"X12	16	10	69.4	24.6	15	36
24241Y-12-12Z *	24242Y-12-12Z *	1.3/16"X12	20	12	87.6	39.5	15	36
24241Y-12-16Z	24242Y-12-16Z	1.3/16"X12	25	16	95.3	41	15	36
24241Y-16-12TZ	24242Y-16-12TZ	1.7/16"X12	20	12	74	29.6	14.8	41
24241Y-16-14TZ	24242Y-16-14TZ	1.7/16"X12	22	14	78.7	28.5	14.8	41
24241Y-16-16TZ *	24242Y-16-16Z *	1.7/16"X12	25	16	84.1	29.7	14.8	41
24241Y1-16-20Z +	-	1.7/16"X12	32	20	112.9	46.1	14.8	41
24241Y-16-20Z ++	24242Y-16-20Z	1.7/16"X12	32	20	112.9/115.5	46.1	14.8	41
24241Y-20-16TZ	24242Y-20-16TZ	1.11/16"X12	25	16	80.9	32.7	15	50
24241Y1-20-20WZ * +	-	1.11/16"X12	32	20	111.2	49	15	50
24241Y-20-20WZ * ++	24242Y-20-20WZ	1.11/16"X12	32	20	111.2/113.8	49	15	50
24241Y-20-24WZ	24242Y-20-24WZ	1.11/16"X12	40	24	126.7/129.7	49	15	50
24241Y1-24-20TZ +	-	2"X12	32	20	94.5	33.8	14.8	60
24241Y-24-20TZ ++	24242Y-24-20TZ	2"X12	32	20	96.3/98.9	33.8	14.8	60
24241Y-24-24TZ	24242Y-24-24TZ	2"X12	40	24	108.5/111.5	37.7	14.8	60
ISO 12151-1 SHORT ELBOW (ES)								
24241Y-04-04H10Z	-	9/16"X18	6	04	34.5	10	8.5	17
24241Y-04-05H10Z	-	9/16"X18	8	05	32.6	10	8.5	17
24241Y-06-04H11TZ	-	11/16"X16	6	04	35.5	11	10	22
24241Y-06-05H11TZ	-	11/16"X16	8	05	34	11	10	22
24241Y-06-06H11Z	24242Y-06-06H11Z	11/16"X16	10	06	34.9	11	10	22
24241Y-08-06H15Z	24242Y-08-06H15Z	13/16"X16	10	06	41.3	15	11	24
24241Y-08-08H15Z	24242Y-08-08H15Z	13/16"X16	12	08	49.3	15	11	24
24241Y-10-08H16Z	24242Y-10-08H16Z	1"X14	12	08	50.9	16	13	30
24241Y-10-10H16Z	24242Y-10-10H16Z	1"X14	16	10	52.6	16	13	30
24241Y-12-10H21TZ	24242Y-12-10H21TZ	1.3/16"X12	16	10	59.7	21	15	36
24241Y-12-12H21Z	24242Y-12-12H21Z	1.3/16"X12	20	12	68.4	21	15	36
24241Y-16-12H24TZ	24242Y-16-12H24TZ	1.7/16"X12	20	12	68.4	24	14.8	41
24241Y-16-16H24TZ	24242Y-16-16H24TZ	1.7/16"X12	25	16	76.4	24	14.8	41
24241Y-20-16H25TZ	24242Y-20-16H25TZ	1.11/16"X12	25	16	80.1	25	15	50
24241Y1-20-20H25WZ +	-	1.11/16"X12	32	20	87.5	25	15	50
24241Y-20-20H25WZ ++	24242Y-20-20H25WZ	1.11/16"X12	32	20	87.5/90.1	25	15	50
24241Y1-24-20H27TZ +	-	2"X12	32	20	89.5	27	14.8	60
24241Y-24-20H27TZ ++	24242Y-24-20H27TZ	2"X12	32	20	89.5/92.1	27	14.8	60
ISO 12151-1 MEDIUM ELBOW (EM)								
24241Y-20-16H32TZ	24242Y-20-16H32TZ	1.11/16"X12	25	16	87.1	32	15	50
24241Y1-20-20H32WZ +	-	1.11/16"X12	32	20	94.5	32	15	50
24241Y-20-20H32WZ ++	24242Y-20-20H32WZ	1.11/16"X12	32	20	94.5/97.1	32	15	50
24241Y1-24-20H42TZ +	-	2"X12	32	20	104.5	42	14.8	60
24241Y-24-20H42TZ ++	24242Y-24-20H42TZ	2"X12	32	20	104.5/107.1	42	14.8	60
24241Y-24-24H42TZ	24242Y-24-24H42TZ	2"X12	40	24	112.7/115.7	42	14.8	60

1. The dimension A before "/" is for braided hose fitting and after "/" is for spiral hose fitting.
2. Part no. marked with "*" is recommended.
3. Marked with "+" design for GH781, GH663, FC686, EC110, EC881 hose, Marked with "++" design for GH793, EC210, EC215 hose.
4. 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.
5. Material options for fitting.

Fitting material	Part. No. suffix	Part No. example
Carbon steel (Default)	Z/TZ/WZ	24241Y-08-08Z
304 stainless steel	SR/SRT/SRW	24241Y-08-08SR
316L stainless steel	SV/SVT/SVW	24241Y-08-08SV
316Ti stainless steel	SY/SYT/SYW	24241Y-08-08SY

6. 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	24241Y-08-08Z	96	360
Durakote plating	ZD	24241Y-08-08ZD	360	720
Zinc-nickel plating	ZN	24241Y-08-08ZN	1000	-