



20491Y

20492Y

90° METRIC FEMALE 24° CONE O-RING L SERIES

REF. ISO 12151-2 / DIN 20066

PART NO.		THREAD E	HOSE SIZE		TUBE O.D.	O-RING	DIMENSIONS			
BRAIDED	SPIRAL		DN	DASH			A	C	H	S2
20491Y-12-03WZ	-	M12X1.5	5	3	6	O04.5X1.5	26.5	1.4	30	17
20491Y-12-04WZ	-	M12X1.5	6	04	6	O04.5X1.5	27	1.4	30	17
20491Y-14-04TZ *	-	M14X1.5	6	04	8	O06.5X1.5	29	1.6	30.5	17
20491Y-16-04TZ	-	M16X1.5	6	04	10	O08.0X1.5	30	2.1	30.5	19
20491Y-16-05TZ *	-	M16X1.5	8	05	10	O08.0X1.5	32	2	33	19
20491Y-16-06WZ *	20492Y-16-06WZ *	M16X1.5	10	06	10	O08.0X1.5	35	2	33	19
20491Y-18-05TZ *	-	M18X1.5	8	05	12	O10.0X1.5	33	1.5	33.5	22
20491Y-18-06TZ *	20492Y-18-06TZ *	M18X1.5	10	06	12	O10.0X1.5	37	1.5	36	22
20491Y-22-06TZ	20492Y-22-06TZ	M22X1.5	10	06	15	O12.0X2.0	34.5	3	36	27
20491Y-22-08TZ *	20492Y-22-08TZ *	M22X1.5	12	08	15	O12.0X2.0	42	2.5	41.5	27
20491Y-22-10WZ	-	M22X1.5	16	10	15	O12.0X2.0	44.5	2.5	45	27
20491Y-26-08TZ	20492Y-26-08TZ	M26X1.5	12	08	18	O15.0X2.0	39.5	2.1	42.9	32
20491Y-26-10TZ *	20492Y-26-10TZ *	M26X1.5	16	10	18	O15.0X2.0	51.2	2.1	51.5	32
20491Y-26-12WZ *	20492Y-26-12WZ	M26X1.5	20	12	18	O15.0X2.0	55.5	2.1	51.5	32
20491Y-30-10TZ	20492Y-30-10TZ	M30X2	16	10	22	O20.0X2.0	49	3.8	51.5	36
20491Y-30-12TZ *	20492Y-30-12TZ	M30X2	20	12	22	O20.0X2.0	57	4	56	36
20491Y-36-12TZ	20492Y-36-12TZ	M36X2	20	12	28	O26.0X2.0	55.3	4.5	56	41
20491Y-36-16WZ *	20492Y-36-16WZ	M36X2	25	16	28	O26.0X2.0	71/72	4.5	68.5	41
20491Y-45-16TZ	20492Y-45-16TZ	M45X2	25	16	35	O32.0X2.5	71/72	4	69.5	50
20491Y1-45-20TZ * +	-	M45X2	32	20	35	O32.0X2.5	84	4	78.5	50
20491Y-45-20TZ * ++	20492Y-45-20TZ	M45X2	32	20	35	O32.0X2.5	84/86.6	4	78.5	50
20491Y1-52-20TZ +	-	M52X2	32	20	42	O38.0X2.5	93	4	87	60
20491Y-52-20TZ ++	20492Y-52-20TZ	M52X2	32	20	42	O38.0X2.5	93/95.6	4	87	60
20491Y-52-24TZ *	20492Y-52-24TZ	M52X2	40	24	42	O38.0X2.5	109.4/112.4	4	100.5	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 and the O-ring.

Fitting material	O-ring material	Part. No. suffix	Part No. example
Carbon steel (Default)	NBR	TZ/WZ	20491Y-18-06TZ
304 stainless steel	Viton	SRT/SRW	20491Y-18-06SRT
316L stainless steel	Viton	SVT/SVW	20491Y-18-06SVT
316Ti stainless steel	Viton	SYT/SYW	20491Y-18-06SYT

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	20491Y-18-06TZ	96	360
Durakote plating	ZD	20491Y-18-06TZD	360	720
Zinc-nickel plating	ZN	20491Y-18-06TZD	1000	-