



METRIC MALE 24° CONE / SAE O-RING BOSS

**1CO**  
**1DO**

**1CO-RNW**  
**1DO-RNW**

PART NO.		THREAD		D1 TUBE O.D.	O-RING	DIMENSIONS				
BODY	ASSEMBLY	E	F			B	l1	L1	S1	S2
L SERIES										
1CO-14-04Z	1CO-14-04RNWZ	M14X1.5	7/16"X20	8	O904 N90	9.1	8.4	25	14	17
1CO-16-04Z	1CO-16-04RNWZ	M16X1.5	7/16"X20	10	O904 N90	9.1	9.4	26	17	19
1CO-18-06Z	1CO-18-06RNWZ	M18X1.5	9/16"X18	12	O906 N90	9.93	10.07	26	19	22
1CO-18-08Z	1CO-18-08RNWZ	M18X1.5	3/4"X16	12	O908 N90	11.13	10.37	28	22	22
1CO-18-10Z	1CO-18-10RNWZ	M18X1.5	7/8"X14	12	O910 N90	12.7	13.8	29	27	22
1CO-22-08Z	1CO-22-08RNWZ	M22X1.5	3/4"X16	15	O908 N90	11.13	14.87	29	24	27
1CO-22-10Z	1CO-22-10RNWZ	M22X1.5	7/8"X14	15	O910 N90	12.7	12.3	30	27	27
1CO-22-12Z	1CO-22-12RNWZ	M22X1.5	1.1/16"X12	15	O912 N90	15.09	11.91	30	32	27
1CO-26-08Z	1CO-26-08RNWZ	M26X1.5	3/4"X16	18	O908 N90	11.13	15	31	27	32
1CO-26-10Z	1CO-26-10RNWZ	M26X1.5	7/8"X14	18	O910 N90	12.7	11.5	31	27	32
1CO-30-08Z	1CO-30-08RNWZ	M30X2	3/4"X16	18	O908 N90	11.13	17.37	33	32	36
1CO-30-10Z	1CO-30-10RNWZ	M30X2	7/8"X14	22	O910 N90	12.7	17.3	33	32	36
1CO-30-12Z	1CO-30-12RNWZ	M30X2	1.1/16"X12	22	O912 N90	15.09	13.51	33	32	36
1CO-30-16Z	1CO-30-16RNWZ	M30X2	1.5/16"X12	22	O916 N90	15.09	14.41	34	38	36
1CO-36-12Z	1CO-36-12RNWZ	M36X2	1.1/16"X12	28	O912 N90	15.09	17.91	34	38	41
1CO-36-16Z	1CO-36-16RNWZ	M36X2	1.5/16"X12	28	O916 N90	15.09	14.41	34	41	41
1CO-45-16Z	1CO-45-16RNWZ	M45X2	1.5/16"X12	35	O916 N90	15.09	22.41	39	46	50
1CO-45-20Z	1CO-45-20RNWZ	M45X2	1.5/8"X12	35	O920 N90	15.09	16.41	39	50	50
1CO-52-20Z	1CO-52-20RNWZ	M52X2	1.5/8"X12	42	O920 N90	15.09	19.91	42	55	60
S SERIES										
1DO-16-04Z	1DO-16-04RNWZ	M16X1.5	7/16"X20	8	O904 N90	11	12.9	30	17	19
1DO-18-06Z	1DO-18-06RNWZ	M18X1.5	9/16"X18	10	O906 N90	9.93	12.57	31	19	22
1DO-20-06Z	1DO-20-06RNWZ	M20X1.5	9/16"X18	12	O906 N90	9.93	16.57	31	22	24
1DO-20-08Z	1DO-20-08RNWZ	M20X1.5	3/4"X16	12	O908 N90	11.13	17.87	34	24	24
1DO-24-08Z	1DO-24-08RNWZ	M24X1.5	3/4"X16	16	O908 N90	11.13	18.37	34	24	30
1DO-24-10Z	1DO-24-10RNWZ	M24X1.5	7/8"X14	16	O910 N90	12.7	18.8	37	27	30
1DO-30-08Z	1DO-30-08RNWZ	M30X2	3/4"X16	20	O908 N90	11.13	20.87	42	32	36
1DO-30-10Z	1DO-30-10RNWZ	M30X2	7/8"X14	20	O910 N90	12.7	20.3	42	32	36
1DO-30-12Z	1DO-30-12RNWZ	M30X2	1.1/16"X12	20	O912 N90	15.09	17.41	42	32	36
1DO-36-12Z	1DO-36-12RNWZ	M36X2	1.1/16"X12	25	O912 N90	15.09	21.91	47	41	46
1DO-36-16Z	1DO-36-16RNWZ	M36X2	1.5/16"X12	25	O916 N90	15.09	19.91	47	41	46
1DO-42-16Z	1DO-42-16RNWZ	M42X2	1.5/16"X12	30	O916 N90	15.09	22.41	50	46	50
1DO-42-20Z	1DO-42-20RNWZ	M42X2	1.5/8"X12	30	O920 N90	15.09	20.41	50	50	50
1DO-52-20Z	1DO-52-20RNWZ	M52X2	1.5/8"X12	38	O920 N90	15.09	25.91	53.9	55	60

1. Material options for connector body, nut and the O-ring.

Connector body and nut material	O-ring material	Part. No. suffix	Part No. example
Carbon steel (Default)	NBR	Z	1CO-18-08Z
304 stainless steel	Viton	SR	1CO-18-08SR
316L stainless steel	Viton	SV	1CO-18-08SV
316Ti stainless steel	Viton	SY	1CO-18-08SY

2. Plating options and performance for carbon steel connectors.

Plating method	Part. No. suffix	Part No. example	White rust (Hours)	Red rust (Hours)
Cr3+ plating (Default)	Z	1CO-18-08Z	96	360
Durakote plating	ZD	1CO-18-08ZD	360	720
Zinc-nickel plating	ZN	1CO-18-08ZN	1000	-