



METRIC MALE 24° CONE / METRIC CAPTIVE SEAL

REF. ISO 8434-1

1CM-WD

1CM-WDRNW

1DM-WD

1DM-WDRNW

PART NO.		THREAD		D1 TUBE O.D.	CAPTIVE SEAL	DIMENSIONS				
BODY	ASSEMBLY	E	F			B	l1	L1	S1	S2
L SERIES										
1CM-12-10WDZ	1CM-12-10WDRNWZ	M12X1.5	M10X1	6	WD-B02	8	9.5	23	14	14
1CM-14-12WDZ	1CM-14-12WDRNWZ	M14X1.5	M12X1.5	8	WD-M12	12	10.5	25	17	17
1CM-16-12WDZ	1CM-16-12WDRNWZ	M16X1.5	M12X1.5	10	WD-M12	12	11	25	17	19
1CM-16-14WDZ	1CM-16-14WDRNWZ	M16X1.5	M14X1.5	10	WD-M14	12	10	26	19	19
1CM-16-18WDZ	1CM-16-18WDRNWZ	M16X1.5	M18X1.5	10	WD-M18	12	12.5	27	24	19
1CM-18-16WDZ	1CM-18-16WDRNWZ	M18X1.5	M16X1.5	12	WD-M16	12	12.5	27	22	22
1CM-18WDZ	1CM-18WDRNWZ	M18X1.5	M18X1.5	12	WD-M18	12	12.5	27	24	22
1CM-18-22WDZ	1CM-18-22WDRNWZ	M18X1.5	M22X1.5	12	WD-M22	14	14	29	27	22
1CM-22-18WDZ	1CM-22-18WDRNWZ	M22X1.5	M18X1.5	15	WD-M18	12	14	29	24	27
1CM-22WDZ	1CM-22WDRNWZ	M22X1.5	M22X1.5	15	WD-M22	14	15	30	27	27
1CM-26-22WDZ	1CM-26-22WDRNWZ	M26X1.5	M22X1.5	18	WD-M22	14	14.8	31	27	32
1CM-30-26WDZ	1CM-30-26WDRNWZ	M30X2	M26X1.5	22	WD-B12	16	16.5	33	32	36
1CM-30-27WDZ	1CM-30-27WDRNWZ	M30X2	M27X2	22	WD-B12	16	16.5	33	32	36
1CM-36-33WDZ	1CM-36-33WDRNWZ	M36X2	M33X2	28	WD-B16	18	17.5	34	41	41
1CM-45-42WDZ	1CM-45-42WDRNWZ	M45X2	M42X2	35	WD-B20	20	17.5	39	50	50
1CM-52-48WDZ	1CM-52-48WDRNWZ	M52X2	M48X2	42	WD-B24	22	20	42	55	60
S SERIES										
1DM-14-12WDZ	1DM-14-12WDRNWZ	M14X1.5	M12X1.5	6	WD-M12	12	13	28	17	17
1DM-16-14WDZ	1DM-16-14WDRNWZ	M16X1.5	M14X1.5	8	WD-M14	12	15	30	19	19
1DM-18-16WDZ	1DM-18-16WDRNWZ	M18X1.5	M16X1.5	10	WD-M16	12	14.5	31	22	22
1DM-20-18WDZ	1DM-20-18WDRNWZ	M20X1.5	M18X1.5	12	WD-M18	12	17	33	24	24
1DM-22-20WDZ	1DM-22-20WDRNWZ	M22X1.5	M20X1.5	14	WD-M20	14	19	37	27	27
1DM-24-22WDZ	1DM-24-22WDRNWZ	M24X1.5	M22X1.5	16	WD-M22	14	15.5	37	27	30
1DM-30-27WDZ	1DM-30-27WDRNWZ	M30X2	M27X2	20	WD-B12	16	20.5	42	32	36
1DM-36-33WDZ	1DM-36-33WDRNWZ	M36X2	M33X2	25	WD-B16	18	23	47	41	46
1DM-42WDZ	1DM-42WDRNWZ	M42X2	M42X2	30	WD-B20	20	23.5	50	50	50
1DM-52-48WDZ	1DM-52-48WDRNWZ	M52X2	M48X2	38	WD-B24	22	26	55	55	60

1. Material options for connector body, nut and the Captive seal.

Connector body and nut material	Captive seal material	Part. No. suffix	Part No. example
Carbon steel (Default)	NBR	Z	1CM-12-10WDZ
304 stainless steel	Viton	SR	1CM-12-10WDSR
316L stainless steel	Viton	SV	1CM-12-10WDSV
316Ti stainless steel	Viton	SY	1CM-12-10WDSY

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	1CM-12-10WDZ	96	360
Durakote plating	ZD	1CM-12-10WDZD	360	720
Zinc-nickel plating	ZN	1CM-12-10WDZN	1000	-