



METRIC MALE 24° CONE / METRIC BANJO WITH CAPTIVE SEAL

1CI-WD/1DI-WD

1CI-WDRNW/1DI-WDRNW

PART NO.		THREAD		D1	O-RING	CAPTIVE SEAL	DIMENSIONS										
BODY	ASSEMBLY	E	F	TUBE O.D.			D2	L1	L2	L3	L4	L5	L6	S1	S2	S3	
L SERIES																	
1CI-12-10WDZ	1CI-12-10WDRNZ	M12X1.5	M10X1	6	O08.1X1.6	WD-B02	13.9	19	12	10	8.5	24.5	1.5	14	17	14	
1CI-14-12WDZ	1CI-14-12WDRNZ	M14X1.5	M12X1.5	8	O09.3X2.2	WD-M12	16.9	21.5	14.5	13.5	12	32	2	17	22	17	
1CI-16-14WDZ	1CI-16-14WDRNZ	M16X1.5	M14X1.5	10	O11.3X2.2	WD-B04	18.9	23.5	16.5	13.5	12	32	2	19	24	19	
1CI-16WDZ	1CI-16WDRNZ	M16X1.5	M16X1.5	10	O13.3X2.2	WD-M16	21.9	26	19	16	12	38	2	22	27	19	
1CI-18-16WDZ	1CI-18-16WDRNZ	M18X1.5	M16X1.5	12	O13.3X2.2	WD-M16	21.9	26	19	16	12	38	2	22	27	22	
1CI-22-18WDZ	1CI-22-18WDRNZ	M22X1.5	M18X1.5	15	O15.3X2.2	WD-M18	23.9	28.5	21.5	17.5	12	41	2.5	24	30	27	
1CI-22WDZ	1CI-22WDRNZ	M22X1.5	M22X1.5	15	O19.3X2.2	WD-M22	26.9	29.5	22.5	20.5	14	48	3	27	32	27	
1CI-26-22WDZ	1CI-26-22WDRNZ	M26X1.5	M22X1.5	18	O19.3X2.2	WD-M22	26.9	29.5	22	20.5	14	48	3	27	32	32	
1CI-30-22WDZ	1CI-30-22WDRNZ	M30X2	M22X1.5	22	O19.3X2.2	WD-M22	26.9	36	28.5	24	14	54	3	27	41	36	
1CI-30-26WDZ	1CI-30-26WDRNZ	M30X2	M26X1.5	22	O23.6X2.9	WD-B12	31.9	36	28.5	24	16	56	3	36	41	36	
1CI-36-33WDZ	1CI-36-33WDRNZ	M36X2	M33X2	28	O29.6X2.9	WD-B16	39.9	40.5	33	29.5	18	70	3	41	50	41	
1CI-45-42WDZ	1CI-45-42WDRNZ	M45X2	M42X2	35	O38.6X2.9	WD-B20	49.9	47.5	37	35	20	81.5	3	50	60	50	
1CI-52-48WDZ	1CI-52-48WDRNZ	M52X2	M48X2	42	O44.6X2.9	WD-B24	54.9	52.5	41.5	40	22	92.5	3	55	70	60	
S SERIES																	
1DI-14-12WDZ	1DI-14-12WDRNZ	M14X1.5	M12X1.5	6	O09.3X2.2	WD-M12	16.9	23.5	16.5	13.5	12	32	2	17	22	17	
1DI-16-14WDZ	1DI-16-14WDRNZ	M16X1.5	M14X1.5	8	O11.3X2.2	WD-B04	18.9	24.5	17.5	13.5	12	32	2	19	24	19	
1DI-18-16WDZ	1DI-18-16WDRNZ	M18X1.5	M16X1.5	10	O13.3X2.2	WD-M16	21.9	27	19.5	16	12	38	2	22	27	22	
1DI-20-18WDZ	1DI-20-18WDRNZ	M20X1.5	M18X1.5	12	O15.3X2.2	WD-M18	23.9	28.5	21	17.5	12	41	2.5	24	30	24	
1DI-22-20WDZ	1DI-22-20WDRNZ	M22X1.5	M20X1.5	14	O17.3X2.2	WD-M20	25.9	31.5	23.5	20	14	46	2.5	27	32	27	
1DI-24-22WDZ	1DI-24-22WDRNZ	M24X1.5	M22X1.5	16	O19.3X2.2	WD-M22	26.9	31.5	23	20.5	14	48	3	27	32	30	
1DI-30-26WDZ	1DI-30-26WDRNZ	M30X2	M26X1.5	20	O23.6X2.9	WD-B12	31.9	38	27.5	24	16	56	3	36	41	36	
1DI-30-27WDZ	1DI-30-27WDRNZ	M30X2	M27X2	20	O23.6X2.9	WD-B12	31.9	38	27.5	24	16	56	3	36	41	36	
1DI-36-33WDZ	1DI-36-33WDRNZ	M36X2	M33X2	25	O29.6X2.9	WD-B16	39.9	44.5	32.5	29.5	18	70	3	41	50	46	
1DI-42WDZ	1DI-42WDRNZ	M42X2	M42X2	30	O38.6X2.9	WD-B20	49.9	51.5	38	35	20	81.5	3	50	60	50	
1DI-52-42WDZ	1DI-52-42WDRNZ	M52X2	M42X2	38	O38.6X2.9	WD-B20	49.9	58.5	42.5	40	20	91.5	3	50	70	60	
1DI-52-48WDZ	1DI-52-48WDRNZ	M52X2	M48X2	38	O44.6X2.9	WD-B24	54.9	58.5	42.5	40	22	92.5	3	55	70	60	

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

Connector body and nut material	OO-ring material	Captive seal material	Part. No. suffix	Part No. example
Carbon steel (Default)	NBR	NBR	Z	1CI-14-12WDZ
304 stainless steel	Viton	Viton	SR	1CI-14-12WDSR
316L stainless steel	Viton	Viton	SV	1CI-14-12WDSV
316Ti stainless steel	Viton	Viton	SY	1CI-14-12WDSY

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	1CI-14-12WDZ	96	360
Durakote plating	ZD	1CI-14-12WDZD	360	720
Zinc-nickel plating	ZN	1CI-14-12WDZN	1000	-