



45° ELBOW METRIC MALE 24° CONE / ADJUSTABLE METRIC MALE ORING SEAL

1CH4-OGN
1DH4-OGN

1CH4-OGNRNW
1DH4-OGNRNW

REF. ISO 8434-1

PART NO.		THREAD		D1 TUBE O.D.	O RING	DIMENSIONS					
CONNECTOR	ASSEMBLY	E	F			I1	L1	L2	S1	S2	S3
L SERIES											
1CH4-12-10OGNZ	1CH4-12-10OGNRNWZ	M12X1.5	M10X1	6	O08.1X1.6	10	25	23.5	11	14	14
1CH4-14-12OGNZ	1CH4-14-12OGNRNWZ	M14X1.5	M12X1.5	8	O09.3X2.4	11	26	28	14	17	17
1CH4-16-14OGNZ	1CH4-16-14OGNRNWZ	M16X1.5	M14X1.5	10	O11.3X2.4	12.3	27.3	29	16	19	19
1CH4-18-16OGNZ	1CH4-18-16OGNRNWZ	M18X1.5	M16X1.5	12	O13.3X2.4	13	28	31	19	22	22
1CH4-22-18OGNZ	1CH4-22-18OGNRNWZ	M22X1.5	M18X1.5	15	O15.3X2.4	15	30	32	22	27	24
1CH4-26-22OGNZ	1CH4-26-22OGNRNWZ	M26X1.5	M22X1.5	18	O19.3X2.4	16.5	33	34.5	27	32	27
1CH4-30-27OGNZ	1CH4-30-27OGNRNWZ	M30X2	M27X2	22	O23.5X3.0	19.7	36.2	40.5	30	36	32
1CH4-36-33OGNZ	1CH4-36-33OGNRNWZ	M36X2	M33X2	28	O29.5X3.0	21.5	38	42.5	36	41	41
1CH4-45-42OGNZ	1CH4-45-42OGNRNWZ	M45X2	M42X2	35	O38.5X3.0	25.5	47	48	48	50	50
S SERIES											
1DH4-14-12OGNZ	1DH4-14-12OGNRNWZ	M14X1.5	M12X1.5	6	O09.3X2.4	13	28	28	14	17	17
1DH4-16-14OGNZ	1DH4-16-14OGNRNWZ	M16X1.5	M14X1.5	8	O11.3X2.4	13.3	28.3	29	16	19	19
1DH4-18-16OGNZ	1DH4-18-16OGNRNWZ	M18X1.5	M16X1.5	10	O13.3X2.4	13.5	30	31	19	22	22
1DH4-20-18OGNZ	1DH4-20-18OGNRNWZ	M20X1.5	M18X1.5	12	O15.3X2.4	13.5	30	31.5	19	24	24
1DH4-24-22OGNZ	1DH4-24-22OGNRNWZ	M24X1.5	M22X1.5	16	O19.3X2.4	16.2	34.7	32	24	30	27
1DH4-30-27OGNZ	1DH4-30-27OGNRNWZ	M30X2	M27X2	20	O23.5X3.0	18.7	40.2	40.5	30	36	32
1DH4-36-33OGNZ	1DH4-36-33OGNRNWZ	M36X2	M33X2	25	O29.5X3.0	21	45	42.5	36	46	41
1DH4-42OGNZ	1DH4-42OGNRNWZ	M42X2	M42X2	30	O38.5X3.0	24.3	50.8	45	41	50	50

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	1CH4-22-18OGNZ
304 stainless steel	Viton	SR	1CH4-22-18OGNSR
316L stainless steel	Viton	SV	1CH4-22-18OGNSV
316Ti stainless steel	Viton	SY	1CH4-22-18OGNSY

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	1CH4-22-18OGNZ	96	360
Durakote plating	ZD	1CH4-22-18OGNZD	360	720
Zinc-nickel plating	ZN	1CH4-22-18OGNZN	1000	-