



**1CH9-OGN**  
**1DH9-OGN**

**1CH9-OGNRNW**  
**1DH9-OGNRNW**

90° ELBOW METRIC MALE 24° CONE / ADJUSTABLE METRIC MALE ORING SEAL

REF. ISO 8434-1

PART NO.		THREAD		D1 TUBE O.D.	O RING	DIMENSIONS					
BODY	ASSEMBLY	E	F			l1	L1	L2	S1	S2	S3
L SERIES											
1CH9-12-10OGNZ	1CH9-12-10OGNRNWZ	M12X1.5	M10X1	6	O08.1X1.6	13	28	26.5	11	14	14
1CH9-14-12OGNZ	1CH9-14-12OGNRNWZ	M14X1.5	M12X1.5	8	O09.3X2.2	15.5	30.5	32.5	14	17	17
1CH9-16-14OGNZ	1CH9-16-14OGNRNWZ	M16X1.5	M14X1.5	10	O11.3X2.2	17.5	32.5	34	16	19	19
1CH9-18-16OGNZ	1CH9-18-16OGNRNWZ	M18X1.5	M16X1.5	12	O13.3X2.2	19	34	36	19	22	22
1CH9-22-18OGNZ	1CH9-22-18OGNRNWZ	M22X1.5	M18X1.5	15	O15.3X2.2	22	37	39.5	22	27	24
1CH9-26-22OGNZ	1CH9-26-22OGNRNWZ	M26X1.5	M22X1.5	18	O19.3X2.2	25.5	42	43.5	27	32	27
1CH9-30-27OGNZ	1CH9-30-27OGNRNWZ	M30X2	M27X2	22	O23.6X2.9	29.5	45.8	50	30	36	32
1CH9-36-33OGNZ	1CH9-36-33OGNRNWZ	M36X2	M33X2	28	O29.6X2.9	33.2	49.8	54	36	41	41
S SERIES											
1DH9-14-12OGNZ	1DH9-14-12OGNRNWZ	M14X1.5	M12X1.5	6	O09.3X2.2	17.5	32.5	32	14	17	17
1DH9-16-14OGNZ	1DH9-16-14OGNRNWZ	M16X1.5	M14X1.5	8	O11.3X2.2	18.5	33.7	34	16	19	19
1DH9-18-16OGNZ	1DH9-18-16OGNRNWZ	M18X1.5	M16X1.5	10	O13.3X2.2	19.5	36	36	19	22	22
1DH9-20-18OGNZ	1DH9-20-18OGNRNWZ	M20X1.5	M18X1.5	12	O15.3X2.2	19.5	36	37	19	24	24
1DH9-22-20OGNZ	1DH9-22-20OGNRNWZ	M22X1.5	M20X1.5	14	O17.3X2.2	23.5	41	40.5	22	27	27
1DH9-24-22OGNZ	1DH9-24-22OGNRNWZ	M24X1.5	M22X1.5	16	O19.3X2.2	24	42	41	24	30	27
1DH9-30-27OGNZ	1DH9-30-27OGNRNWZ	M30X2	M27X2	20	O23.6X2.9	28.5	49.8	50	30	36	32
1DH9-36-33OGNZ	1DH9-36-33OGNRNWZ	M36X2	M33X2	25	O29.6X2.9	32.8	56.8	54	36	46	41
1DH9-42OGNZ	1DH9-42OGNRNWZ	M42X2	M42X2	30	O38.6X2.9	36	62.7	57.2	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	1CH9-12-10OGNZ
304 stainless steel	Viton	SR	1CH9-12-10OGNSR
316L stainless steel	Viton	SV	1CH9-12-10OGNSV
316Ti stainless steel	Viton	SY	1CH9-12-10OGNSY

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	1CH9-12-10OGNZ	96	360
Durakote plating	ZD	1CH9-12-10OGNZD	360	720
Zinc-nickel plating	ZN	1CH9-12-10OGNZN	1000	-