



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

1CG9-OG
1DG9-OG

1CG9-OGRNW
1DG9-OGRNW

PART NO.		THREAD		D1 TUBE O.D.	O-RING	DIMENSIONS					
BODY	ASSEMBLY	E	F			I1	L1	L2	S1	S2	S3
L SERIES											
1CG9-12-02OGZ	1CG9-12-02OGRNWZ	M12X1.5	G1/8"X28	6	O7.97X1.88 N90	13	28	25.5	11	14	14
1CG9-14-04OGZ	1CG9-14-04OGRNWZ	M14X1.5	G1/4"X19	8	O111 N90	15.5	30.5	31.3	14	17	19
1CG9-16-04OGZ	1CG9-16-04OGRNWZ	M16X1.5	G1/4"X19	10	O111 N90	17.5	32.5	32.5	16	19	19
1CG9-16-06OGZ	1CG9-16-06OGRNWZ	M16X1.5	G3/8"X19	10	O113 N90	17.5	32.5	35.8	16	19	22
1CG9-18-06OGZ	1CG9-18-06OGRNWZ	M18X1.5	G3/8"X19	12	O113 N90	19	34	37	19	22	22
1CG9-22-08OGZ	1CG9-22-08OGRNWZ	M22X1.5	G1/2"X14	15	O17.86X2.62 N90	22	37	43.2	22	27	27
1CG9-26-08OGZ	1CG9-26-08OGRNWZ	M26X1.5	G1/2"X14	18	O17.86X2.62 N90	25.5	42	46	27	32	27
1CG9-26-12OGZ	1CG9-26-12OGRNWZ	M26X1.5	G3/4"X14	18	O119 N90	25.5	42	49.3	27	32	32
1CG9-30-12OGZ	1CG9-30-12OGRNWZ	M30X2	G3/4"X14	22	O119 N90	27.5	45.8	52	30	36	32
1CG9-30-16OGZ	1CG9-30-16OGRNWZ	M30X2	G1"X11	22	O217 N90	31.5	48	53	33	36	41
1CG9-36-16OGZ	1CG9-36-16OGRNWZ	M36X2	G1"X11	28	O217 N90	33	49.8	56	36	41	41
1CG9-36-20OGZ	1CG9-36-20OGRNWZ	M36X2	G1.1/4"X11	28	O222 N90	36	52.8	59	41	41	50
1CG9-45-20OGZ	1CG9-45-20OGRNWZ	M45X2	G1.1/4"X11	35	O222 N90	39	60.7	63	48	50	50
1CG9-52-24OGZ	1CG9-52-24OGRNWZ	M52X2	G1.1/2"X11	42	O224 N90	40.5	67.8	64.5	50	60	55
S SERIES											
1DG9-14-04OGZ	1DG9-14-04OGRNWZ	M14X1.5	G1/4"X19	6	O111 N90	17.5	32.5	31.3	14	17	19
1DG9-16-04OGZ	1DG9-16-04OGRNWZ	M16X1.5	G1/4"X19	8	O111 N90	18.5	33.7	32.5	16	19	19
1DG9-16-06OGZ	1DG9-16-06OGRNWZ	M16X1.5	G3/8"X19	8	O113 N90	18.5	33.7	35.5	16	19	22
1DG9-18-06OGZ	1DG9-18-06OGRNWZ	M18X1.5	G3/8"X19	10	O113 N90	19.5	36	36.8	19	22	22
1DG9-20-06OGZ	1DG9-20-06OGRNWZ	M20X1.5	G3/8"X19	12	O113 N90	19.5	36	37	19	24	22
1DG9-22-08OGZ	1DG9-22-08OGRNWZ	M22X1.5	G1/2"X14	14	O17.86X2.62N90	23.5	41	43.2	22	27	27
1DG9-24-08OGZ	1DG9-24-08OGRNWZ	M24X1.5	G1/2"X14	16	O17.86X2.62N90	24	42.5	43	24	30	27
1DG9-30-12OGZ	1DG9-30-12OGRNWZ	M30X2	G3/4"X14	20	O119 N90	26.5	49.5	52	30	36	32
1DG9-36-16OGZ	1DG9-36-16OGRNWZ	M36X2	G1"X11	25	O217 N90	32.5	56.8	56	36	46	41
1DG9-42-20OGZ	1DG9-42-20OGRNWZ	M42X2	G1.1/4"X11	30	O222 N90	36	62.7	59.5	41	50	50
1DG9-52-24OGZ	1DG9-52-24OGRNWZ	M52X2	G1.1/2"X11	38	O224 N90	41.5	76.8	63.5	50	60	55

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	1CG9-30-16OGZ
304 stainless steel	Viton	SR	1CG9-30-16OGSR
316L stainless steel	Viton	SV	1CG9-30-16OGSV
316Ti stainless steel	Viton	SY	1CG9-30-16OGSY

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	1CG9-30-16OGZ	96	360
Durakote plating	ZD	1CG9-30-16OGZD	360	720
Zinc-nickel plating	ZN	1CG9-30-16OGZN	1000	-