



1H-N

METRIC MALE ORING SEAL ISO 6149-3 L-SERIES

PART NO.	THREAD		O-RING		DIMENSIONS				
	E	F	E	F	A	B	L	S1	
1H-10NZ	M10X1	M10X1	O08.1X1.6	O08.1X1.6	8.5	8.5	28	14	
1H-12NZ	M12X1.5	M12X1.5	O09.3X2.2	O09.3X2.2	11	11	33	17	
1H-14NZ	M14X1.5	M14X1.5	O11.3X2.2	O11.3X2.2	11	11	33	19	
1H-16NZ	M16X1.5	M16X1.5	O13.3X2.2	O13.3X2.2	11.5	11.5	34	22	
1H-18NZ	M18X1.5	M18X1.5	O15.3X2.2	O15.3X2.2	12.5	12.5	36	24	
1H-22NZ	M22X1.5	M22X1.5	O19.3X2.2	O19.3X2.2	13	13	41	27	
1H-27NZ	M27X2	M27X2	O23.6X2.9	O23.6X2.9	16	16	46	32	
1H-30NZ	M30X2	M30X2	O26.6X2.9	O26.6X2.9	16	16	46	36	
1H-33NZ	M33X2	M33X2	O29.6X2.9	O29.6X2.9	16	16	48	41	
1H-42NZ	M42X2	M42X2	O38.6X2.9	O38.6X2.9	16	16	51	50	
1H-48NZ	M48X2	M48X2	O44.6X2.9	O44.6X2.9	17.5	17.5	52	55	

1. Material options for connector body and the O-ring.

Connector body material	O-ring material	Part. No. suffix	Part No. example
Carbon steel (Default)	NBR	Z	1H-22NZ
304 stainless steel	Viton	SR	1H-22NSR
316L stainless steel	Viton	SV	1H-22NSV
316Ti stainless steel	Viton	SY	1H-22NSY

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	1H-22NZ	96	360
Durakote plating	ZD	1H-22NZD	360	720
Zinc-nickel plating	ZN	1H-22NZN	1000	-