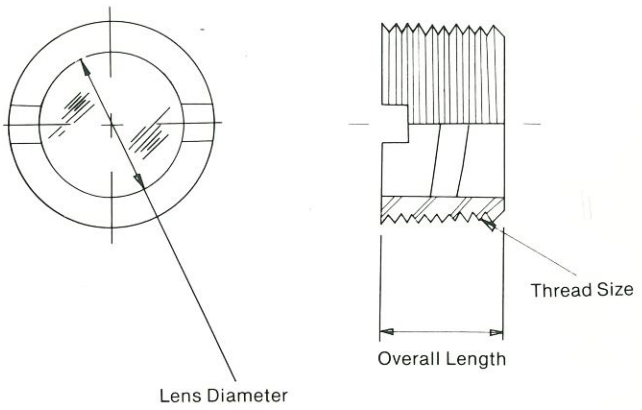
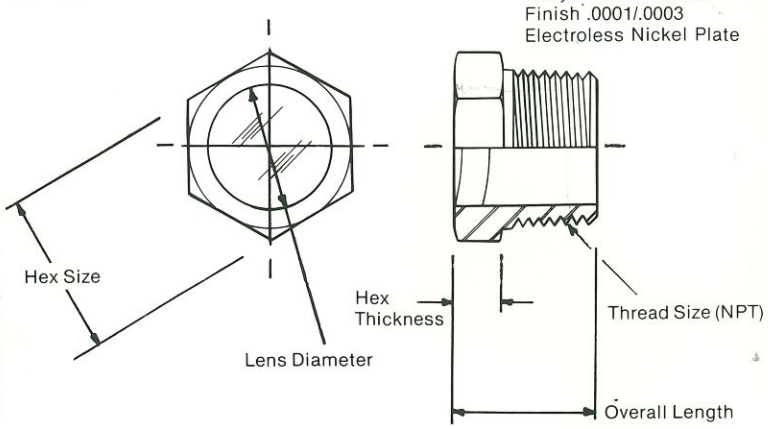
ELECTRO SEAL CORPORATION
914 Broadway Chesterton, Ind. 46304-2233

SIGHT GLASSES

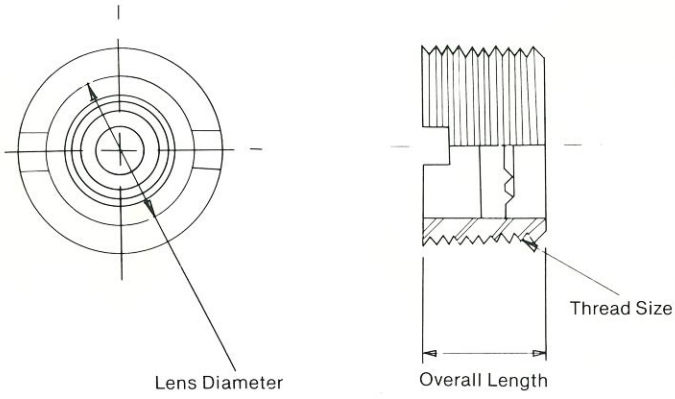
CLEAR LENS MODELS



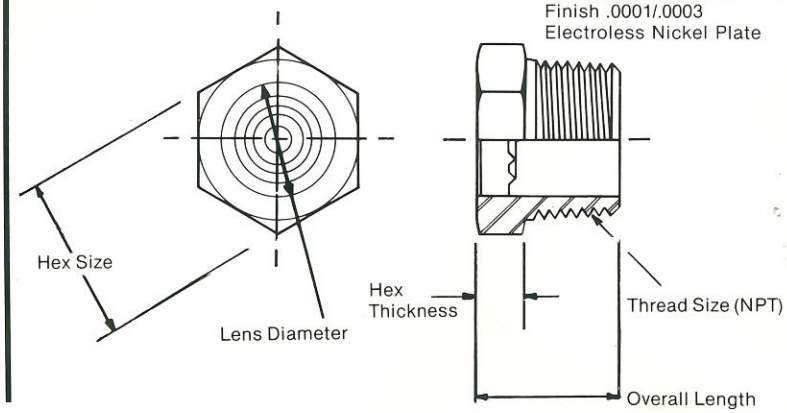
Body Material C.R.S.
Finish .0001/.0003
Electroless Nickel Plate



PRISM LENS MODELS

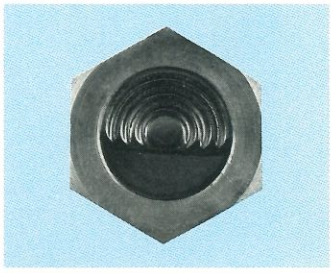


Body Material C.R.S.
Finish .0001/.0003
Electroless Nickel Plate



Replace those obsolete gasket type sight glass assemblies with hermetically sealed sight glass windows and take advantage of their many inherent features such as attractive pricing, leakproof service, greater mechanical strength, and easy installation.

On the prism lens models circular "vee" shaped grooves are moulded into the glass during the hermetic sealing process. The reflective surfaces of these grooves will reflect light in the absence of any liquid. Therefore, low liquid level conditions are readily detected. For better liquid level indication, specify prism lens style sight glasses.



SPECIFICATIONS

HEX MODEL NO./CLEAR LENS	P-1030-1	P-1030-2	P-1030-3	P-1030-4	P-1030-5	P-1030-6	P-1030-7	P-1030-8
HEX MODEL NO./PRISM LENS	N/A	P-1022-2	P-1022-3	P-1022-4	P-1022-5	P-1022-6	P-1022-7	P-1022-8
SLOTTED MODEL NO./CLEAR LENS	P-1014-1	P-1014-2	P-1014-3	P-1014-4	P-1014-5	P-1014-6	P-1014-7	P-1014-8
SLOTTED MODEL NO./PRISM LENS	N/A	P-1140-2	P-1140-3	P-1140-4	P-1140-5	P-1140-6	P-1140-7	P-1140-8
THREAD SIZE (N.P.T.)	1/4-18	3/8-18	1/2-14	3/4-14	1-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2-11 1/2
LENS DIAMETER	.343	.437	.562	.750*	.937	1.187	1.437	1.875**
OVERALL LENGTH (HEX MODEL)	5/8	23/32	25/32	15/16	1 1/4	1 7/32	1 7/32	1 9/32
OVERALL LENGTH (SLOTTED MODEL)	7/16	1/2	9/16	5/8	3/4	13/16	13/16	7/8
HEX SIZE	5/8	3/4	15/16	1 1/16	1 3/8	1 3/4	2	2 1/2
HEX THICKNESS	3/16	7/32	7/32	5/16	5/16	13/32	13/32	13/32

* I.D. ON SLOTTED MODELS (–4 SIZE) IS .718

** I.D. ON SLOTTED MODELS (–8 SIZE) IS 1.760

Typical Design Pressures (Clear Lens Models)

Lens Diameter	.343	.437	.562	.750	.937	1.187	1.437	1.875
Design Pressure (PSIG)	4000	3700	3500	3000	2500	2000	1500	1000

Note: Actual working pressure to which these units are subjected should be chosen by the user to assure a proper margin of safety. Maximum operating temperature 500°F.

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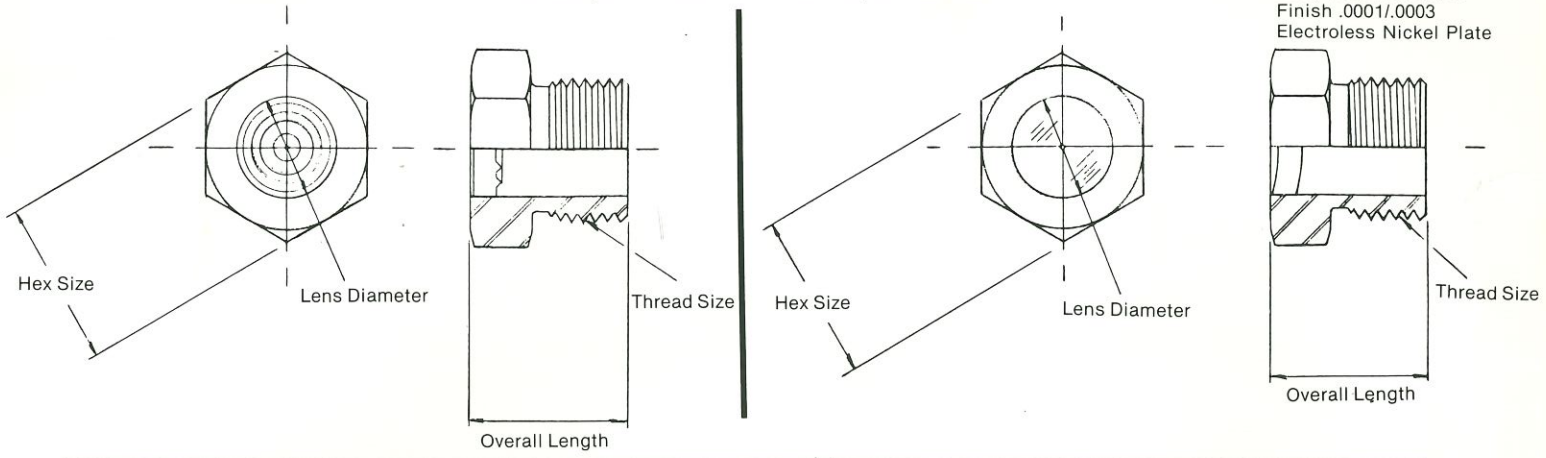
SIGHT GLASSES

O-RING (STRAIGHT THREAD) MODELS

Body Material C.R.S.
Finish .0001/.0003
Electroless Nickel Plate



SPECIFICATIONS

MODEL NO./CLEAR LENS MODEL NO./PRISM LENS	P-1309-1 N/A	P-1309-2 P-1309-2-P	P-1309-3 P-1309-3-P	P-1309-4 P-1309-4-P	P-1309-5 P-1309-5-P	P-1309-6 P-1309-6-P	P-1309-7 P-1309-7-P	P-1309-8 P-1309-8-P
THREAD SIZE	7/16-20	1/2-20	9/16-18	3/4-16	7/8-14	1 1/16-12	1-5/16-12	1 7/8-12
LENS DIAMETER	.343	.375	.437	.562	.625	.750	1.125	1.625
HEX SIZE	9/16	5/8	11/16	7/8	1"	1-1/4	1-1/2	2-1/8
OVERALL LENGTH	.670	.670	.730	.800	.840	.960	1.020	1.120

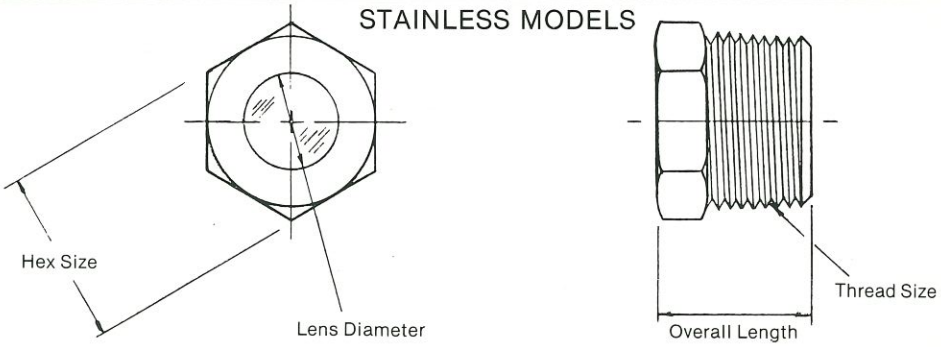
Typical Design Pressures (Clear Lens Models)

Lens Diameter	.343	.375	.437	.562	.625	.750	1.125	1.625
Design Pressure (PSIG)	4000	3800	3700	3500	3200	3000	2100	1200

Note: Actual working pressure to which these units are subjected should be chosen by the user to assure a proper margin of safety.
Maximum operating temperature 500°F.

STAINLESS MODELS

Body Material 303 Stainless



SPECIFICATIONS

MODEL NUMBER	P-1315-2	P-1315-3	P-1315-4	P-1315-5	P-1315-6	P-1315-7	P-1315-8
THREAD SIZE (N.P.T.)	3/8-18	1/2-14	3/4-14	1"-11 1/2	1 1/4-11 1/2	1 1/2-11 1/2	2"-11 1/2
LENS (VIEWING) DIA.	.250	.437	.562	.750	.937	1.187	1.625
HEX SIZE	3/4	15/16	1-1/16	1 3/8	1 3/4	2"	2 1/2

Design pressure (all models): 250 P.S.I. max.
Maximum temperature (all models): 400°F

Note: Actual working pressure to which these units are subjected should be chosen by the user to assure a proper margin of safety.

FURNACE BRAZING

Our furnace brazing operation consists of four continuous conveyorized furnaces capable of producing braze joints under controlled atmospheres at temperatures up to 2100°F. The braze alloys currently used include copper, silver, and nickel. All parts are brazed under either exothermic or hydrogen atmospheres assuring bright, clean work whether the material being brazed is carbon steel, stainless, or copper. We assemble and braze customer-owned parts as well as furnishing complete assemblies to customer specifications. Most components are press assembled prior to brazing to provide the strongest possible joint and our in-process inspection on all brazing work means quality parts at competitive prices because problems are solved before shipments are made. We also do bright annealing of carbon and stainless steel. We will be happy to quote your brazing and annealing requirements.