

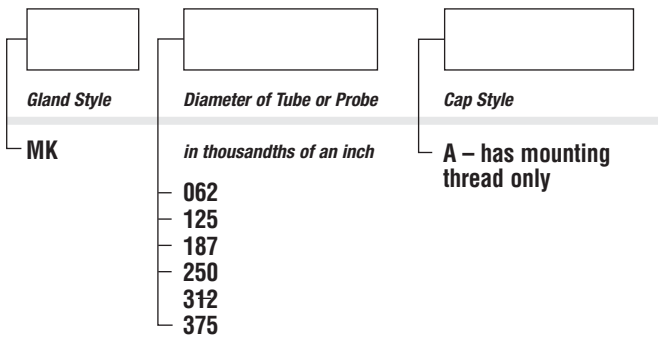
Conax Technologies Model MK Midlock Glands seal a single tube or probe. Featuring a metal-to-metal seal rather than our standard soft sealant technology, MK glands are used where a joint must be opened and resealed in the same setting. Their unique design forms the seal well within the body housing to provide superior performance in high vibration applications.

The MK gland uses compression to deform a stainless steel ferrule against the tube/probe without cutting the sheath surface. A slight deformation of the tube/probe surface may occur, however. MK glands are freely adjustable until first tightened. After that, they may be opened and resealed at that fixed immersion depth.

The rugged reusable body and ferrule are constructed from 303SST standard. (For information on body materials, see page 9.) The single ferrule is self-aligning to prevent lost pieces. Standard assemblies use Cap Style A with a mounting thread only. Please consult a Conax Technologies sales engineer for custom needs.

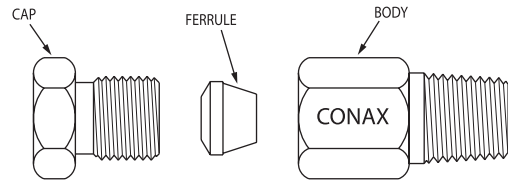
- Temperature Range: Cryogenic to +1600° F (+870° C)
- Pressure Range: Vacuum to 10,000 PSIG (690 bar) – all models

Catalog Numbering System



Accessories

The replaceable ferrule permits repeated use of the same fitting. The ferrule may be replaced in the field.



Glands are supplied factory lubricated. If glands are cleaned prior to assembly or when reused, the glands should be relubricated to maintain the published torque and pressure ratings. See page 103 for information on our lubrication kit.

To order a Replacement Ferrule, order Ferrule, MK – (Diameter)

Example: Ferrule, MK-062

Example: MK-062-A

— Gland Style
 — Diameter of Tube or Probe
 — Cap Style

Specifications - MK

Catalog Number	Tube/Probe Diameter		Thread NPT IN	Length 'A'		Hex Size				Pressure Rating	
	IN	MM		IN	MM	Body IN	Cap IN	Body MM	Cap MM	PSIG	BAR
MK-062-A	0.062	1.57	1/8	1.19	30.2	0.500	0.500	12.7	12.7	10,000	689
MK-125-A	0.125	3.18	1/8	1.19	30.2	0.500	0.500	12.7	12.7	10,000	689
MK-187-A	0.187	4.75	1/8	1.19	30.2	0.500	0.500	12.7	12.7	10,000	689
MK-250-A	0.250	6.35	1/4	1.63	41.3	0.625	0.625	15.9	15.9	10,000	689
MK-312-A	0.312	7.92	1/2	2.00	50.8	1.000	0.750	25.4	19.1	10,000	689
MK-375-A	0.375	9.53	1/2	2.00	50.8	1.000	0.750	25.4	19.1	10,000	689

* Hex size for the body and cap are the same unless a cap size is provided in parentheses.

All pressure and torque ratings were determined at 68° F (20° C) using stainless steel rod as the element. Pressure ratings may degrade at higher temperatures. Pressure rating guide values are provided for glands with elements restrained by the compressed sealant. Higher pressure may be attained with additional element restraints. Tolerance of tube or probe diameters is ±0.005. Deviation from the nominal may affect the pressure rating.

For proper assembly of these sealing glands, see the Assembly Instructions provided on pages 106-119.

