

Liquidtight hazardous areas glands

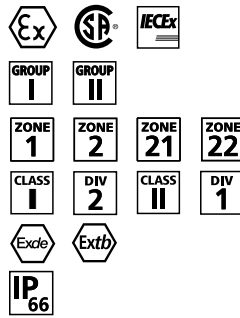
Certification and characteristics



Flameproof gland

Constructed from either brass or stainless steel, with an epoxy resin barrier, the Group I flameproof gland is a high quality, high specification product, ideal for Ex I and II 2 GD gas and dust, Exde IIC and Exe II applications, Extb II applications, as well as **CSA Class 1 Div 2 hazardous locations.**

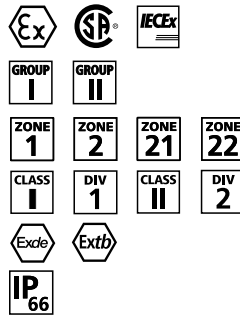
ATEX flameproof G1 gland – Group I and II, Zones 1, 2, 21 and 22, Class I Div2 ABCD, Class II Div1 EFG



Certification standard:

Sira 09 ATEX 1231X, IECEx Sira 09.0103X
Exde I Mb
Exde IIC Gb
Extb IIIC Db
CSA certified
Class I Div 2 ABCD
Class II Div 1 EFG
Temperature: -60 °C to +130 °C

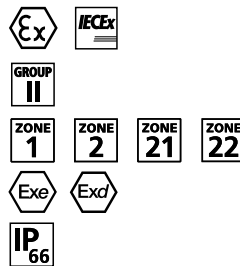
ATEX flameproof 90° elbow gland – Group I and II, Zones 1, 2, 21 and 22, Class I Div1 BCD (rigid conduit only) Class II Div1 EFG



Certification standard:

Sira 09 ATEX 1231X, IECEx Sira 09.0103X
Exde I Mb
Exde IIC Gb
Extb IIIC Db
CSA certified
Class I Div 1 BCD (rigid conduit only)
Class I Div 2 ABCD
Class II Div 1 EFG
Temperature: -60 °C to +130 °C

ATEX flameproof Group II gland – Group II, Zones 1, 2, 21 and 22



Certification standard:

Baseefa 06 ATEX 0256X
IECEX Bas 06.0059X
Exd IIC
Exe II
ExtD A21
Temperature: -60 °C to +80 °C

Related products



General oil resistant
pages E10–E13



High temperature conduit
pages E10–E13



Low fire flexible conduit
pages E10–E13



Sealing washers
pages E28–E29

Liquidtight hazardous areas glands

Technical specifications

Nominal conduit size (mm)	16	20	25	32	40	50	63	
Metric thread size (mm)	20	20	25	32	40	50	63	
Type	NPT thread size (in.)	½	½	¾	1	1¼	1½	2
Metric – Brass	HAM0304G1	HAM0404G1	HAM0505G1	HAM0606G1	HAM0707G1	HAM0808G1	HAM0909G1	
Metric – Nickel plated	HAMM0304G1	HAMM0404G1	HAMM0505G1	HAMM0606G1	HAMM0707G1	HAMM0808G1	HAMM0909G1	
Metric – Stainless steel	HAMS0304G1	HAMS0404G1	HAMS0505G1	HAMS0606G1	HAMS0707G1	HAMS0808G1	HAMS0909G1	
NPT thread – Brass	HAA0304G1	HAA0404G1	HAA0505G1	HAA0606G1	HAA0707G1	HAA0808G1	HAA0909G1	
NPT thread – Nickel plated	HAAM0304G1	HAAM0404G1	HAAM0505G1	HAAM0606G1	HAAM0707G1	HAAM0808G1	HAAM0909G1	
NPT thread – Stainless steel	HAAS0304G1	HAAS0404G1	HAAS0505G1	HAAS0606G1	HAAS0707G1	HAAS0808G1	HAAS0909G1	

See pages E10–E13 for suitable conduit

Nominal conduit size (mm)	16	20	25	32	40	50	63	
Metric thread size (mm)	20	20	25	32	40	50	63	
Type	NPT thread size (in.)	½	½	¾	1	1¼	1½	2
Metric – Brass	HAM0304E	HAM0404E	HAM0505E	HAM0606E	HAM0707E	HAM0808E	HAM0909E	
Metric – Nickel plated	HAMM0304E	HAMM0404E	HAMM0505E	HAMM0606E	HAMM0707E	HAMM0808E	HAMM0909E	
NPT thread – Brass	HAA0304E	HAA0404E	HAA0505E	HAA0606E	HAA0707E	HAA0808E	HAA0909E	
NPT thread – Nickel plated	HAAM0304E	HAAM0404E	HAAM0505E	HAAM0606E	HAAM0707E	HAAM0808E	HAAM0909E	

See pages E10–E13 for suitable conduit. *Stainless steel available but elbow is nickel-plated brass. **Elbow supplied is for Liquidtight conduit only

Nominal conduit size (mm)	16	20	25	32	40	50	63	
Metric thread size (mm)	20	20	25	32	40	50	63	
Type	NPT thread size (in.)	½	½	¾	1	1¼	1½	2
Metric – Brass	HAM0304	HAM0404	HAM0505	HAM0606	HAM0707	HAM0808	HAM0909	
Metric – Nickel plated	HAMM0304	HAMM0404	HAMM0505	HAMM0606	HAMM0707	HAMM0808	HAMM0909	
Metric – Stainless steel	HAMS0304	HAMS0404	HAMS0505	HAMS0606	HAMS0707	HAMS0808	HAMS0909	
NPT thread – Brass	HAA0304	HAA0404	HAA0505	HAA0606	HAA0707	HAA0808	HAA0909	
NPT thread – Nickel plated	HAAM0304	HAAM0404	HAAM0505	HAAM0606	HAAM0707	HAAM0808	HAAM0909	
NPT thread – Stainless steel	HAAS0304	HAAS0404	HAAS0505	HAAS0606	HAAS0707	HAAS0808	HAAS0909	

See pages E10–E13 for suitable conduit

Liquidtight hazardous areas glands

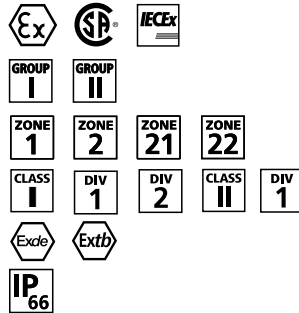
Certification and characteristics



Flameproof gland

Constructed from either brass or stainless steel, with an epoxy resin barrier, the Group I universal flameproof gland is a high quality, high specification product, ideal for Ex I and II 2 GD gas and dust, Exde IIC, Exe II applications and Extb II applications.

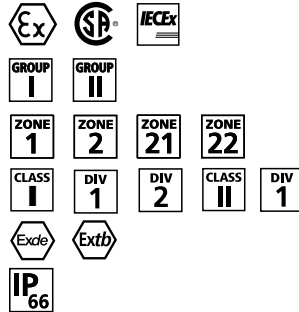
Universal gland – Group I and II, Zones 1, 2, 21 and 22, Class I Div1 BCD (rigid conduit only), Class II Div1 EFG



Certification standard:

Sira 09 ATEX 1231X, IECEx Sira 09.0103X
 Exde I Mb
 Exde IIC Gb
 Extb IIIC Db
 CSA certified
 Class I Div 1 BCD (rigid conduit only)
 Class I Div 2 ABCD
 Class II Div 1 EFG
Temperature: -60 °C to +130 °C

Universal swivel gland – Group I and II, Zones 1, 2, 21 and 22, Class I Div1 BCD (rigid conduit only) Class II Div1 EFG



Certification standard:

Sira 09 ATEX 1231X, IECEx Sira 09.0103X
 Exde I Mb
 Exde IIC Gb
 Extb IIIC Db
 CSA certified
 Class I Div 1 BCD (rigid conduit only)
 Class I Div 2 ABCD
 Class II Div 1 EFG
Temperature: -60 °C to +130 °C

Liquidtight hazardous areas glands

Technical specifications

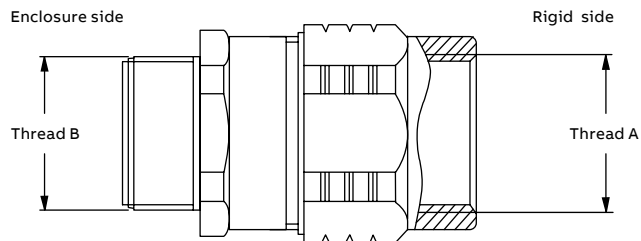
Metric thread size (mm)	20	20	25	32	40	50	63	
Type	NPT thread size (in.)	¾	½	¾	1	1¼	1½	2
Metric – Brass	HAM0304U	HAM0404U	HAM0505U	HAM0606U	HAM0707U	HAM0808U	HAM0909U	
Metric – Nickel plated	HAMM0304U	HAMM0404U	HAMM0505U	HAMM0606U	HAMM0707U	HAMM0808U	HAMM0909U	
Metric – Stainless steel	HAMS0304U	HAMS0404U	HAMS0505U	HAMS0606U	HAMS0707U	HAMS0808U	HAMS0909U	
NPT thread – Brass	HAA0304U	HAA0404U	HAA0505U	HAA0606U	HAA0707U	HAA0808U	HAA0909U	
NPT thread – Nickel plated	HAAM0304U	HAAM0404U	HAAM0505U	HAAM0606U	HAAM0707U	HAAM0808U	HAAM0909U	
NPT thread – Stainless steel	HAAS0304U	HAAS0404U	HAAS0505U	HAAS0606U	HAAS0707U	HAAS0808U	HAAS0909U	

For use with all threaded conduit including rigid

Metric thread size (mm)	20	20	25	32	40	50	63	
Type	NPT thread size (in.)	¾	½	¾	1	1¼	1½	2
Metric – Brass	HAM0304U/SW	HAM0404U/SW	HAM0505U/SW	HAM0606U/SW	HAM0707U/SW	HAM0808U/SW	HAM0909U/SW	
Metric – Nickel plated	HAMM0304U/SW	HAMM0404U/SW	HAMM0505U/SW	HAMM0606U/SW	HAMM0707U/SW	HAMM0808U/SW	HAMM0909U/SW	
Metric – Stainless steel	HAMS0304U/SW	HAMS0404U/SW	HAMS0505U/SW	HAMS0606U/SW	HAMS0707U/SW	HAMS0808U/SW	HAMS0909U/SW	
NPT thread – Brass	HAA0304U/SW	HAA0404U/SW	HAA0505U/SW	HAA0606U/SW	HAA0707U/SW	HAA0808U/SW	HAA0909U/SW	
NPT thread – Nickel plated	HAAM0304U/SW	HAAM0404U/SW	HAAM0505U/SW	HAAM0606U/SW	HAAM0707U/SW	HAAM0808U/SW	HAAM0909U/SW	
NPT thread – Stainless steel	HAAS0304U/SW	HAAS0404U/SW	HAAS0505U/SW	HAAS0606U/SW	HAAS0707U/SW	HAAS0808U/SW	HAAS0909U/SW	

For use with all threaded conduit including rigid

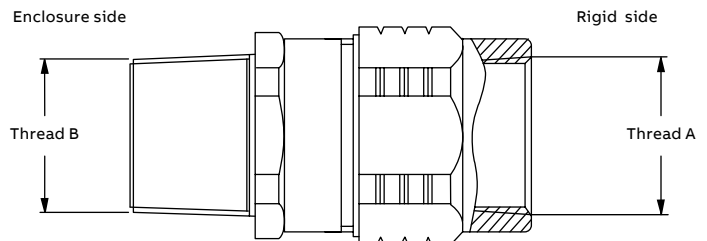
Diagrams



Part no. explanation

HAM0304U

HAM = Metric male thread
HAA = NPT male thread
0304 = Thread sizes
Thread A = M16
Thread B = M20



Part no. explanation

HAA0304U

HAM = Metric male thread
HAA = NPT male thread
0304 = Thread sizes
Thread A = ¾" NPT
Thread B = ½" NPT