

## HSK-Ex-d standard cable glands

# Industrial cable glands

## HSK-Ex-d standard cable glands

Cable glands of the HSK-Ex series have been designed for standard applications in hazardous locations type "e" and/or "d" according to EN 60079-0, EN 60079-1 and EN 60079-7



### You can find in this chapter:

HSK-Ex-d cable glands

- made of nickel plated brass
- made of nickel plated brass with additional strain relief
- acid-resistant stainless steel

We provide variable clamping ranges, thread types and temperature ranges. Our range is completed by global certifications.

If there are still open requests from your side, please contact us. We are looking forward to developing solutions together. You profit of our vast knowledge in development, engineering and production technology.



## HSK-Ex-d standard cable glands

### HSK-M-Ex-d / HSK-M-PVDF-Ex-d

Metr.

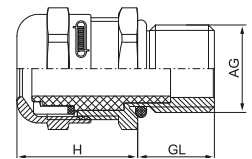


For the international certificates please see page 170

<b>Material</b>	Nickel plated brass
<b>Clamping insert</b>	Polyamide / PVDF
<b>Seal</b>	FPM / FPM
<b>O-Ring</b>	FPM / FPM
<b>Protection</b>	IP 68 – 10 bar / IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
<b>Operating Temperature</b>	- 60°C – 105°C (-76°F – 221°F) (PA) - 20°C – 130°C (-4°F – 266°F) (PVDF)



II 2G 1D Ex d IIC



AG	mm	GL mm	H mm	mm	Number HSK-M-Ex-d -60°C – 105°C (-76°F – 221°F)	Number HSK-M-PVDF-Ex-d -20°C – 130°C (-4°F – 266°F)
M 12 x 1,5	3 - 6,5	14	19	14	1.622.1200.50	1.634.1200.50
M 12 x 1,5	2 - 5	14	19	14	1.622.1200.51	1.634.1200.51
M 16 x 1,5	5 - 10	14	22	20	1.622.1600.50	1.634.1600.50
M 16 x 1,5	3 - 7	14	22	20	1.622.1600.51	1.634.1600.51
M 20 x 1,5	10 - 14	14	25	24	1.622.2000.50	1.634.2000.50
M 20 x 1,5	7 - 12	14	25	24	1.622.2000.51	1.634.2000.51
M 25 x 1,5	13 - 18	14	26,5	30	1.622.2500.50	1.634.2500.50
M 25 x 1,5	9 - 16	14	26,5	30	1.622.2500.51	1.634.2500.51
M 32 x 1,5	18 - 25	14	32	40	1.622.3200.50	1.634.3200.50
M 32 x 1,5	14 - 20	14	32	40	1.622.3200.51	1.634.3200.51
M 40 x 1,5	22 - 32	14	38,5	50	1.622.4000.50	1.634.4000.50
M 40 x 1,5	20 - 26	14	38,5	50	1.622.4000.51	1.634.4000.51

Accessories see page 71 and 141

### HSK-M-Ex-d / HSK-M-PVDF-Ex-d

NPT

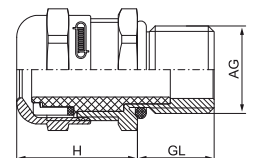


For the international certificates please see page 170

<b>Material</b>	Nickel plated brass
<b>Clamping insert</b>	Polyamide / PVDF
<b>Seal</b>	FPM / FPM
<b>O-Ring</b>	FPM / FPM
<b>Protection</b>	IP 68 – 10 bar / IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
<b>Operating Temperature</b>	- 60°C – 105°C (-76°F – 221°F) (PA) - 20°C – 130°C (-4°F – 266°F) (PVDF)



II 2G 1D Ex d IIC



AG	mm	GL mm	H mm	mm	Number HSK-M-Ex-d -60°C – 105°C (-76°F – 221°F)	Number HSK-M-PVDF-Ex-d -20°C – 130°C (-4°F – 266°F)
NPT 3/8"	5 - 10	15	22	20	1.622.3800.70	1.634.3800.70
NPT 3/8"	3 - 7	15	22	20	1.622.3800.71	1.634.3800.71
NPT 1/2"	10 - 14	15	25	24	1.622.1200.70	1.634.1200.70
NPT 1/2"	7 - 12	15	25	24	1.622.1200.71	1.634.1200.71
NPT 3/4"	13 - 18	15	26,5	30	1.622.3400.70	1.634.3400.70
NPT 3/4"	9 - 16	15	26,5	30	1.622.3400.71	1.634.3400.71
NPT 1"	18 - 25	19	32	40	1.622.1000.70	1.634.1000.70
NPT 1"	14 - 20	19	32	40	1.622.1000.71	1.634.1000.71
NPT 1 1/4"	22 - 32	19	38,5	50	1.622.5400.70	1.634.5400.70
NPT 1 1/4"	20 - 26	19	38,5	50	1.622.5400.71	1.634.5400.71
NPT 1 1/2"	22 - 32	19	38,5	50	1.622.6400.70	1.634.6400.70
NPT 1 1/2"	20 - 26	19	38,5	50	1.622.6400.71	1.634.6400.71

Accessories see page 71 and 141



## HSK-Ex-d standard cable glands

**HSK-MZ-Ex-d**
**Metr.**

**II 2G 1D Ex d IIC**

<b>Material</b>	Nickel plated brass
<b>Clamping insert</b>	Polyamide
<b>Seal</b>	FPM
<b>O-Ring</b>	FPM
<b>Protection</b>	IP 68 – 10 bar / IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
<b>Operating Temperature</b>	- 60 °C – 105 °C (-76 °F – 221 °F)

**For the international certificates please see page 170**

AG	Ø mm	GL mm	H mm	mm	Number HSK-MZ-Ex-d -60 °C – 105 °C (-76 °F – 221 °F)
M 12 x 1,5	3 - 6,5	14	26	14	1.628.1200.50
M 16 x 1,5	5 - 10	14	30	20	1.628.1600.50
M 20 x 1,5	10 - 14	14	34	24	1.628.2000.50
M 25 x 1,5	13 - 18	14	38	30	1.628.2500.50
M 32 x 1,5	18 - 25	14	44	40	1.628.3200.50
M 40 x 1,5	22 - 32	14	51,5	50	1.628.4000.50

➔ Accessories see page 71 and 141

**HSK-MZ-Ex-d**
**NPT**

**II 2G 1D Ex d IIC**

<b>Material</b>	Nickel plated brass
<b>Clamping insert</b>	Polyamide
<b>Seal</b>	FPM
<b>O-Ring</b>	FPM
<b>Protection</b>	IP 68 – 10 bar / IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
<b>Operating Temperature</b>	- 60 °C – 105 °C (-76 °F – 221 °F)

**For the international certificates please see page 170**

AG	Ø mm	GL mm	H mm	mm	Number HSK-MZ-Ex-d -60 °C – 105 °C (-76 °F – 221 °F)
NPT 3/8"	5 - 10	15	30	20	1.628.3800.70
NPT 1/2"	10 - 14	15	34	24	1.628.1200.70
NPT 3/4"	13 - 18	15	38	30	1.628.3400.70
NPT 1"	18 - 25	19	44	40	1.628.1000.70
NPT 1 1/4"	22 - 32	19	51,5	50	1.628.5400.70
NPT 1 1/2"	22 - 32	19	51,5	50	1.628.6400.70

➔ Accessories see page 71 and 141



## HSK-Ex-d standard cable glands

### HSK-INOX-Ex-d / HSK-INOX-PVDF-Ex-d

Metr.

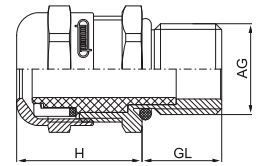


For the international certificates please see page 170

<b>Material</b>	Stainless steel (1.4404)
<b>Clamping insert</b>	Polyamide/PVDF
<b>Seal</b>	FPM/FPM
<b>O-Ring</b>	FPM/FPM
<b>Protection</b>	IP 68 – 10 bar/IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
<b>Operating Temperature</b>	- 60°C – 105°C (-76°F – 221°F) (PA) - 20°C – 130°C (-4°F – 266°F) (PVDF)



II 2G 1D Ex d IIC



AG	$\varnothing$ mm	GL mm	H mm	$\varnothing$ mm	Number HSK-INOX-Ex-d -60°C – 105°C (-76°F – 221°F)	Number HSK-INOX-PVDF-Ex-d -20°C – 130°C (-4°F – 266°F)
M 12 x 1,5	3 - 6,5	14	19	14	1.632.1200.50	1.633.1200.50
M 12 x 1,5	2 - 5	14	19	14	1.632.1200.51	1.633.1200.51
M 16 x 1,5	5 - 10	14	22	20	1.632.1600.50	1.633.1600.50
M 16 x 1,5	3 - 7	14	22	20	1.632.1600.51	1.633.1600.51
M 20 x 1,5	10 - 14	14	25	24	1.632.2000.50	1.633.2000.50
M 20 x 1,5	7 - 12	14	25	24	1.632.2000.51	1.633.2000.51
M 25 x 1,5	13 - 18	14	26,5	30	1.632.2500.50	1.633.2500.50
M 25 x 1,5	9 - 16	14	26,5	30	1.632.2500.51	1.633.2500.51
M 32 x 1,5	18 - 25	14	32	40	1.632.3200.50	1.633.3200.50
M 32 x 1,5	14 - 20	14	32	40	1.632.3200.51	1.633.3200.51
M 40 x 1,5	22 - 32	14	38,5	50	1.632.4000.50	1.633.4000.50
M 40 x 1,5	20 - 26	14	38,5	50	1.632.4000.51	1.633.4000.51

➔ Accessories see page 71 and 141

### HSK-INOX-Ex-d / HSK-INOX-PVDF-Ex-d

NPT

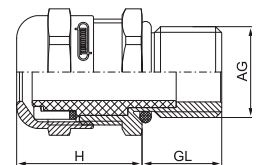


For the international certificates please see page 170

<b>Material</b>	Stainless steel (1.4404)
<b>Clamping insert</b>	Polyamide/PVDF
<b>Seal</b>	FPM/FPM
<b>O-Ring</b>	FPM/FPM
<b>Protection</b>	IP 68 – 10 bar/IP 69K (NEMA 6 – 150 PSIG) within the specified clamping range
<b>Operating Temperature</b>	- 60°C – 105°C (-76°F – 221°F) (PA) - 20°C – 130°C (-4°F – 266°F) (PVDF)



II 2G 1D Ex d IIC



AG	$\varnothing$ mm	GL mm	H mm	$\varnothing$ mm	Number HSK-INOX-Ex-d -60°C – 105°C (-76°F – 221°F)	Number HSK-INOX-PVDF-Ex-d -20°C – 130°C (-4°F – 266°F)
NPT 3/8"	5 - 10	15	22	20	1.632.3800.70	1.633.3800.70
NPT 3/8"	3 - 7	15	22	20	1.632.3800.71	1.633.3800.71
NPT 1/2"	10 - 14	15	25	24	1.632.1200.70	1.633.1200.70
NPT 1/2"	7 - 12	15	25	24	1.632.1200.71	1.633.1200.71
NPT 3/4"	13 - 18	15	26,5	30	1.632.3400.70	1.633.3400.70
NPT 3/4"	9 - 16	15	26,5	30	1.632.3400.71	1.633.3400.71

➔ Accessories see page 71 and 141