

HSK-Industry Standard

Strain relief fittings in all popular thread types and sizes for standard applications in the following areas:

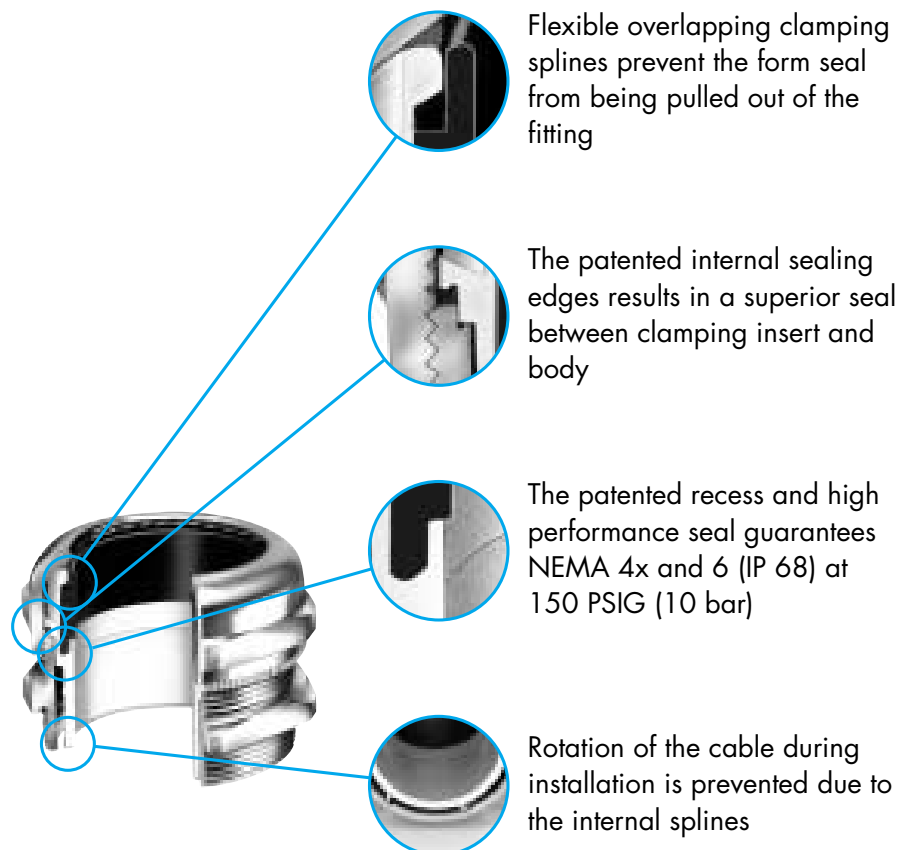
- Machine, apparatus and plant equipment
- Measuring control and feedback systems
- Control cabinets
- Chemical plants
- Medical equipment
- Railroad cars and vehicles
- Power plants (hydro, gas, coal or wind)
- Industrial installations

and in all applications where excellent performance, fire resistance, and resistance against turning of the cable are critical.



HSK-M	Standard liquid tight strain relief fitting made of nickel plated brass
METRICA-M	Liquid tight strain relief fitting with metric threads made of nickel plated brass
HSK-M-PVDF	Standard liquid tight stain relief fitting for chemical and extreme temperature applications made of nickel plated brass
HSK-M-Ex	Liquid tight strain relief fitting made of nickel plated brass
HSK-M-PVDF-Ex	Liquid tight strain relief fitting with metric threads made of nickel plated brass

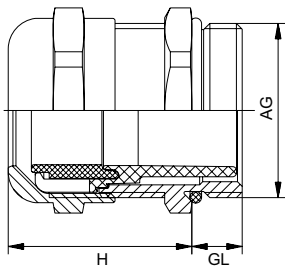
HSK-M



HSK-Industry Standard

HSK-M Standard liquid tight strain relief fitting made of nickel plated brass


METRICA-M Liquid tight strain relief fitting with metric threads made of nickel plated brass



Material: Nickel plated brass
 Clamping insert: PA (Nylon)
 Seal: Buna-N
 O-Ring: Buna-N
 Protection: IP 68 – 10 bar within the specified clamping range
 Operating Temperature: -40 °C – 100 °C (-40 °F – 212 °F)



METRICA-M also available with flex protection

AG	∅k mm	GL mm	H mm	 mm	Number
M 12 x 1,5	3 - 6,5	5	19	14	1.609.1200.50
M 16 x 1,5	4 - 8	6	21	17/19	1.609.1600.50
M 16 x 1,5	2 - 6	6	21	17/19	1.609.1600.51
M 16 x 1,5	5 - 10	6	22	20	1.609.1611.50
M 20 x 1,5	6 - 12	6	23	22	1.609.2000.50
M 20 x 1,5	5 - 9	6	23	22	1.609.2000.51
M 20 x 1,5	10 - 14	6	24	24	1.609.2016.50
M 25 x 1,5	13 - 18	7	26	30	1.609.2500.50
M 25 x 1,5	9 - 16	7	26	30	1.609.2500.51
M 32 x 1,5	18 - 25	8	31	40	1.609.3200.50
M 32 x 1,5	13 - 20	8	31	40	1.609.3200.51
M 40 x 1,5	22 - 32	8	37	50	1.609.4000.50
M 40 x 1,5	20 - 26	8	37	50	1.609.4000.51
M 50 x 1,5	32 - 38	9	37	57	1.609.5000.50
M 50 x 1,5	25 - 31	9	37	57	1.609.5000.51
M 63 x 1,5	37 - 44	10	38	64/68	1.609.6300.50
M 63 x 1,5	29 - 35	10	38	64/68	1.609.6300.51
METRICA-M					
M 12 x 1,5	4 - 7	6	20	14	1.618.1200.50
M 16 x 1,5	6 - 10	6	25	19	1.618.1600.50
M 20 x 1,5	8 - 13	6,5	26	24	1.618.2000.50
M 25 x 1,5	11 - 17	7	29	29	1.618.2500.50
M 32 x 1,5	11 - 21	8	37	34	1.618.3200.50
M 40 x 1,5	19 - 28	8	40,5	44	1.618.4000.50
M 50 x 1,5	27 - 35	9	49,5	55	1.618.5000.50
M 63 x 1,5	34 - 48	10	49	68	1.618.6300.50

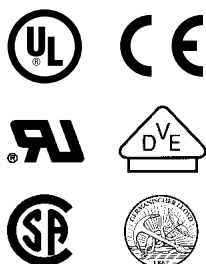
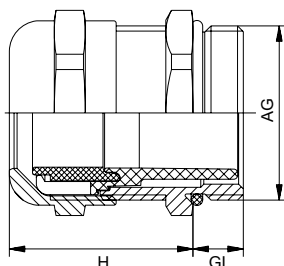
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HSK-Industry Standard

HSK-M Standard liquid tight strain relief fitting made of nickel plated brass

METRICA-M Liquid tight strain relief fitting with metric threads made of nickel plated brass



Material Nickel plated brass
 Clamping insert PA (Nylon)
 Seal Buna-N
 O-Ring Buna-N
 Protection IP 68 – 10 bar within the specified clamping range
 Operating Temperature -40°C – 100°C (-40°F – 212°F)



METRICA-M also available with flex protection

AG	Ø	GL	H	U	Number
	mm	mm	mm	mm	
M 12 x 1,5	3 - 6,5	10	19	14	1.609.1200.30
M 16 x 1,5	4 - 8	10	21	17 / 19	1.609.1600.30
M 16 x 1,5	2 - 6	10	21	17 / 19	1.609.1600.31
M 16 x 1,5	5 - 10	10	22	20	1.609.1611.30
M 20 x 1,5	6 - 12	10	23	22	1.609.2000.30
M 20 x 1,5	5 - 9	10	23	22	1.609.2000.31
M 20 x 1,5	10 - 14	10	24	24	1.609.2016.30
M 25 x 1,5	13 - 18	12	26	30	1.609.2500.30
M 25 x 1,5	9 - 16	12	26	30	1.609.2500.31
M 32 x 1,5	18 - 25	12	31	40	1.609.3200.30
M 32 x 1,5	13 - 20	12	31	40	1.609.3200.31
M 40 x 1,5	22 - 32	15	37	50	1.609.4000.30
M 40 x 1,5	20 - 26	15	37	50	1.609.4000.31
M 50 x 1,5	32 - 38	15	37	57	1.609.5000.30
M 50 x 1,5	25 - 31	15	37	57	1.609.5000.31
M 63 x 1,5	37 - 44	15	38	64 / 68	1.609.6300.30
M 63 x 1,5	29 - 35	15	38	64 / 68	1.609.6300.31
METRICA-M					
M 12 x 1,5	4 - 7	10	20	14	1.618.1200.31
M 16 x 1,5	6 - 10	10	25	19	1.618.1600.31
M 20 x 1,5	8 - 13	10	26	24	1.618.2000.31
M 25 x 1,5	11 - 17	12	29	29	1.618.2500.31
M 32 x 1,5	11 - 21	12	37	34	1.618.3200.31
M 40 x 1,5	19 - 28	15	40,5	44	1.618.4000.31
M 50 x 1,5	27 - 35	15	45,5	55	1.618.5000.31
M 63 x 1,5	34 - 48	15	49	68	1.618.6300.31

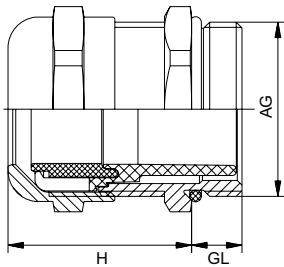
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HSK-Industry Standard

HSK-M

Standard liquid tight strain relief fitting made of nickel plated brass



Material: Nickel plated brass
 Clamping insert: PA (Nylon)
 Seal: Buna-N
 O-Ring: Buna-N
 Protection: IP 68 – 10 bar (NEMA 6 – 150 PSIG) within the specified clamping range
 Operating Temperature: -40°C – 100°C (-40°F – 212°F)

AG	∅	GL	H		Number	GL	Number elongated
	mm	mm	mm	mm		mm	
PG 7	3 - 6,5	5	19	14	1.609.0700.01	10	1.609.0700.60
PG 7	2 - 5	5	19	14	1.609.0700.15	10	1.609.0700.61
PG 9	4 - 8	6	21	17	1.609.0900.01	10	1.609.0900.60
PG 9	2 - 6	6	21	17	1.609.0900.15	10	1.609.0900.61
PG 11	5 - 10	6	22	20	1.609.1100.01	10	1.609.1100.60
PG 11	3 - 7	6	22	20	1.609.1100.15	10	1.609.1100.61
PG 13,5	6 - 12	6,5	24	22	1.609.1300.01	10	1.609.1300.60
PG 13,5	5 - 9	6,5	24	22	1.609.1300.15	10	1.609.1300.61
PG 16	10 - 14	6,5	23	24	1.609.1600.01	10	1.609.1600.60
PG 16	7 - 12	6,5	23	24	1.609.1600.15	10	1.609.1600.61
PG 21	13 - 18	7	24	30	1.609.2100.01	12	1.609.2100.60
PG 21	9 - 16	7	24	30	1.609.2100.15	12	1.609.2100.61
PG 29	18 - 25	8	29	40	1.609.2900.01	12	1.609.2900.60
PG 29	13 - 20	8	29	40	1.609.2900.15	12	1.609.2900.61
PG 36	22 - 32	8	35	50	1.609.3600.01	15	1.609.3600.60
PG 36	20 - 26	8	35	50	1.609.3600.15	15	1.609.3600.61
PG 42	32 - 38	9	37	57	1.609.4200.01	15	1.609.4200.60
PG 42	25 - 31	9	37	57	1.609.4200.15	15	1.609.4200.61
PG 48	37 - 44	10	38	64	1.609.4800.01	15	1.609.4800.60
PG 48	29 - 35	10	38	64	1.609.4800.15	15	1.609.4800.61

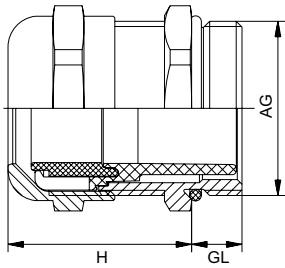
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HSK-Industry Standard

HSK-M

Standard liquid tight strain relief fitting made of nickel plated brass



Material	Nickel plated brass
Clamping insert	PA (Nylon)
Seal	Buna-N
O-Ring	Buna-N
Protection	IP 68 – 10 bar (NEMA 6 – 150 PSIG) within the specified clamping range
Operating Temperature	-40 °C – 100 °C (-40 °F – 212 °F)

AG	∅k mm	GL mm	H mm	 mm	Number
3/8" NPT	4 - 8	15	21	17/19	1.609.3800.70
3/8" NPT	2 - 6	15	21	17/19	1.609.3800.71
1/2" NPT	6 - 12	13	24	22/24	1.609.1200.70
1/2" NPT	5 - 9	13	24	22/24	1.609.1200.71
3/4" NPT	13 - 18	13	25	30	1.609.3400.70
3/4" NPT	9 - 16	13	25	30	1.609.3400.71
1" NPT	18 - 25	19	29	40	1.609.1000.70
1" NPT	13 - 20	19	29	40	1.609.1000.71

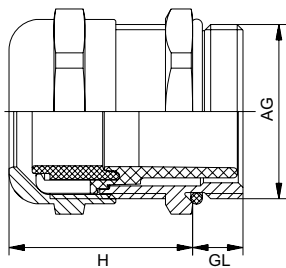
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HSK-Industry Standard

HSK-M-Ex Liquid tight strain relief fitting made of nickel plated brass

HSK-M-PVDF-Ex Liquid tight strain relief fitting with metric threads made of nickel plated brass



ATEX



II 2 GD



Material Nickel plated brass
 Clamping insert PA (Nylon) / PVDF
 Seal Buna-N / FPM
 O-Ring Buna-N / FPM
 Protection IP 68 – 10 bar (NEMA 6 – 150 PSIG) within the specified clamping range



For approvals see end of this document.

AG	\varnothing mm	Ex- Generation	GL mm	H mm	 mm	HSK-M-Ex -20°C – 95°C (-4°F – 203°F)	HSK-M-Ex -60°C – 105°C (-76°F – 221°F)	HSK-M-PVDF-Ex -20°C – 130°C (-4°F – 266°F)
M 12 x 1,5	3 - 6,5	ATEX	5	19	14	1.610.1200.50	1.640.1200.50	1.660.1200.50
M 12 x 1,5	2 - 5	ATEX	5	19	14	1.610.1200.51	1.640.1200.51	1.660.1200.51
M 16 x 1,5	4 - 8	ATEX	6	21	17 / 19	1.610.1600.50	1.640.1600.50	1.660.1600.50
M 16 x 1,5	2 - 6	ATEX	6	21	17 / 19	1.610.1600.51	1.640.1600.51	1.660.1600.51
M 16 x 1,5	6 - 10	ATEX	6	22	20	1.610.1611.50	1.640.1611.50	1.660.1611.50
M 16 x 1,5	3 - 7	ATEX	6	22	20	1.610.1611.51	1.640.1611.51	1.660.1611.51
M 20 x 1,5	6 - 12	ATEX	6	23	22	1.610.2000.50	1.640.2000.50	1.660.2000.50
M 20 x 1,5	5 - 9	ATEX	6	23	22	1.610.2000.51	1.640.2000.51	1.660.2000.51
M 20 x 1,5	10 - 14	ATEX	6	24	24	1.610.2016.50	1.640.2016.50	1.660.2016.50
M 20 x 1,5	7 - 12	ATEX	6	24	24	1.610.2016.51	1.640.2016.51	1.660.2016.51
M 25 x 1,5	14 - 18	ATEX	7	26	30	1.610.2500.50	1.640.2500.50	1.660.2500.50
M 25 x 1,5	10 - 16	ATEX	7	26	30	1.610.2500.51	1.640.2500.51	1.660.2500.51
M 32 x 1,5	20 - 25	ATEX	8	31	40	1.610.3200.50	1.640.3200.50	1.660.3200.50
M 32 x 1,5	13 - 20	ATEX	8	31	40	1.610.3200.51	1.640.3200.51	1.660.3200.51
M 40 x 1,5	22 - 32	ATEX	8	37	50	1.610.4000.50	1.640.4000.50	1.660.4000.50
M 40 x 1,5	20 - 26	ATEX	8	37	50	1.610.4000.51	1.640.4000.51	1.660.4000.51
M 50 x 1,5	32 - 38	ATEX	9	37	57	1.610.5000.50	1.640.5000.50	
M 50 x 1,5	25 - 31	ATEX	9	37	57	1.610.5000.51	1.640.5000.51	
M 63 x 1,5	37 - 44	ATEX	10	38	64 / 68	1.610.6300.50	1.640.6300.50	
M 63 x 1,5	29 - 35	ATEX	10	38	64 / 68	1.610.6300.51	1.640.6300.51	

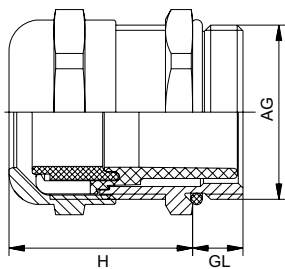
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HSK-Industry Standard

HSK-M-Ex Liquid tight strain relief fitting made of nickel plated brass

HSK-M-PVDF-Ex Liquid tight strain relief fitting with metric threads made of nickel plated brass



ATEX



II 2 GD



Material	Nickel plated brass
Clamping insert	PA (Nylon) / PVDF
Seal	Buna-N / FPM
O-Ring	Buna-N / FPM
Protection	IP 68 – 10 bar (NEMA 6 – 150 PSIG) within the specified clamping range



For approvals see end of this document.

AG	\varnothing mm	Ex- Generation	GL mm	H mm	 mm	HSK-M-Ex -20°C – 95°C (-4°F – 203°F)	HSK-M-Ex -60°C – 105°C (-76°F – 221°F)	HSK-M-PVDF-Ex -20°C – 130°C (-4°F – 266°F)
M 12 x 1,5	3 - 6,5	ATEX	10	19	14	1.610.1200.30	1.640.1200.30	1.660.1200.30
M 12 x 1,5	2 - 5	ATEX	10	19	14	1.610.1200.31	1.640.1200.31	1.660.1200.31
M 16 x 1,5	4 - 8	ATEX	10	21	17 / 19	1.610.1600.30	1.640.1600.30	1.660.1600.30
M 16 x 1,5	2 - 6	ATEX	10	21	17 / 19	1.610.1600.31	1.640.1600.31	1.660.1600.31
M 16 x 1,5	6 - 10	ATEX	10	22	20	1.610.1611.30	1.640.1611.30	1.660.1611.30
M 16 x 1,5	3 - 7	ATEX	10	22	20	1.610.1611.31	1.640.1611.31	1.660.1611.31
M 20 x 1,5	6 - 12	ATEX	10	23	22	1.610.2000.30	1.640.2000.30	1.660.2000.30
M 20 x 1,5	5 - 9	ATEX	10	23	22	1.610.2000.31	1.640.2000.31	1.660.2000.31
M 20 x 1,5	10 - 14	ATEX	10	24	24	1.610.2016.30	1.640.2016.30	1.660.2016.30
M 20 x 1,5	7 - 12	ATEX	10	24	24	1.610.2016.31	1.640.2016.31	1.660.2016.31
M 25 x 1,5	14 - 18	ATEX	12	26	30	1.610.2500.30	1.640.2500.30	1.660.2500.30
M 25 x 1,5	10 - 16	ATEX	12	26	30	1.610.2500.31	1.640.2500.31	1.660.2500.31
M 32 x 1,5	20 - 25	ATEX	12	31	40	1.610.3200.30	1.640.3200.30	1.660.3200.30
M 32 x 1,5	13 - 20	ATEX	12	31	40	1.610.3200.31	1.640.3200.31	1.660.3200.31
M 40 x 1,5	22 - 32	ATEX	15	37	50	1.610.4000.30	1.640.4000.30	1.660.4000.30
M 40 x 1,5	20 - 26	ATEX	15	37	50	1.610.4000.31	1.640.4000.31	1.660.4000.31
M 50 x 1,5	32 - 38	ATEX	15	37	57	1.610.5000.30	1.640.5000.30	1.660.5000.30
M 50 x 1,5	25 - 31	ATEX	15	37	57	1.610.5000.31	1.640.5000.31	1.660.5000.31
M 63 x 1,5	37 - 44	ATEX	15	38	64 / 68	1.610.6300.30	1.640.6300.30	1.660.6300.30
M 63 x 1,5	29 - 35	ATEX	15	38	64 / 68	1.610.6300.31	1.640.6300.31	1.660.6300.31

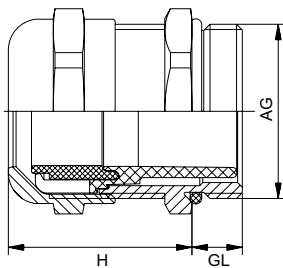
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HSK-Industry Standard

HSK-M-Ex Liquid tight strain relief fitting made of nickel plated brass

HSK-M-PVDF-Ex Liquid tight strain relief fitting with metric threads made of nickel plated brass



ATEX



II 2 GD

Material: Nickel plated brass
 Clamping insert: PA (Nylon) / PVDF
 Seal: Buna-N / FPM
 O-Ring: Buna-N / FPM
 Protection: IP 68 – 10 bar (NEMA 6 – 150 PSIG) within the specified clamping range

For approvals see end of this document.

AG	mm	Ex-Generation	GL mm	H mm	mm	HSK-M-Ex -20°C – 95°C (-4°F – 203°F)	HSK-M-Ex -60°C – 105°C (-76°F – 221°F)	HSK-M-PVDF-Ex -20°C – 130°C (-4°F – 266°F)
PG 7	3 - 6,5	ATEX	5	19	14	1.610.0700.01	1.640.0700.01	1.660.0700.01
PG 7	2 - 5	ATEX	5	19	14	1.610.0700.15	1.640.0700.15	1.660.0700.15
PG 9	4 - 8	ATEX	6	21	17	1.610.0900.01	1.640.0900.01	1.660.0900.01
PG 9	2 - 6	ATEX	6	21	17	1.610.0900.15	1.640.0900.15	1.660.0900.15
PG 11	6 - 10	ATEX	6	22	20	1.610.1100.01	1.640.1100.01	1.660.1100.01
PG 11	3 - 7	ATEX	6	22	20	1.610.1100.15	1.640.1100.15	1.660.1100.15
PG 13,5	6 - 12	ATEX	6,5	24	22	1.610.1300.01	1.640.1300.01	1.660.1300.01
PG 13,5	5 - 9	ATEX	6,5	24	22	1.610.1300.15	1.640.1300.15	1.660.1300.15
PG 16	10 - 14	ATEX	6,5	23	24	1.610.1600.01	1.640.1600.01	1.660.1600.01
PG 16	7 - 12	ATEX	6,5	23	24	1.610.1600.15	1.640.1600.15	1.660.1600.15
PG 21	14 - 18	ATEX	7	24	30	1.610.2100.01	1.640.2100.01	1.660.2100.01
PG 21	10 - 16	ATEX	7	24	30	1.610.2100.15	1.640.2100.15	1.660.2100.15
PG 29	20 - 25	ATEX	8	29	40	1.610.2900.01	1.640.2900.01	1.660.2900.01
PG 29	13 - 20	ATEX	8	29	40	1.610.2900.15	1.640.2900.15	1.660.2900.15
PG 36	22 - 32	ATEX	8	35	50	1.610.3600.01	1.640.3600.01	1.660.3600.01
PG 36	20 - 26	ATEX	8	35	50	1.610.3600.15	1.640.3600.15	1.660.3600.15
PG 42	32 - 38	ATEX	9	37	57	1.610.4200.01	1.640.4200.01	1.660.4200.01
PG 42	25 - 31	ATEX	9	37	57	1.610.4200.15	1.640.4200.15	1.660.4200.15
PG 48	37 - 44	ATEX	10	38	64	1.610.4800.01	1.640.4800.01	1.660.4800.01
PG 48	29 - 35	ATEX	10	38	64	1.610.4800.15	1.640.4800.15	1.660.4800.15

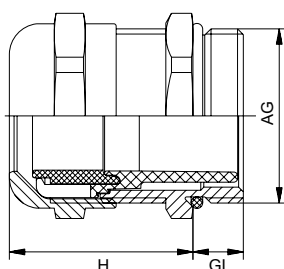
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HSK-Industry Standard

HSK-M-Ex Liquid tight strain relief fitting made of nickel plated brass

HSK-M-PVDF-Ex Liquid tight strain relief fitting with metric threads made of nickel plated brass



ATEX



II 2 GD

Material: Nickel plated brass
 Clamping insert: PA (Nylon) / PVDF
 Seal: Buna-N / FPM
 O-Ring: Buna-N / FPM
 Protection: IP 68 – 10 bar (NEMA 6 – 150 PSIG) within the specified clamping range

For approvals see end of this document.

AG	∅K mm	Ex- Generation	GL mm	H mm	 mm	HSK-M-Ex -20°C – 95°C (-4°F – 203°F)	HSK-M-Ex -60°C – 105°C (-76°F – 221°F)	HSK-M-PVDF-Ex -20°C – 130°C (-4°F – 266°F)
PG 7	3 - 6,5	ATEX	10	19	14	1.610.0700.60	1.640.0700.60	1.660.0700.60
PG 7	2 - 5	ATEX	10	19	14	1.610.0700.61	1.640.0700.61	1.660.0700.61
PG 9	4 - 8	ATEX	10	21	17	1.610.0900.60	1.640.0900.60	1.660.0900.60
PG 9	2 - 6	ATEX	10	21	17	1.610.0900.61	1.640.0900.61	1.660.0900.61
PG 11	6 - 10	ATEX	10	22	20	1.610.1100.60	1.640.1100.60	1.660.1100.60
PG 11	3 - 7	ATEX	10	22	20	1.610.1100.61	1.640.1100.61	1.660.1100.61
PG 13,5	6 - 12	ATEX	10	24	22	1.610.1300.60	1.640.1300.60	1.660.1300.60
PG 13,5	5 - 9	ATEX	10	24	22	1.610.1300.61	1.640.1300.61	1.660.1300.61
PG 16	10 - 14	ATEX	10	23	24	1.610.1600.60	1.640.1600.60	1.660.1600.60
PG 16	7 - 12	ATEX	10	23	24	1.610.1600.61	1.640.1600.61	1.660.1600.61
PG 21	14 - 18	ATEX	12	24	30	1.610.2100.60	1.640.2100.60	1.660.2100.60
PG 21	10 - 16	ATEX	12	24	30	1.610.2100.61	1.640.2100.61	1.660.2100.61
PG 29	20 - 25	ATEX	12	29	40	1.610.2900.60	1.640.2900.60	1.660.2900.60
PG 29	13 - 20	ATEX	12	29	40	1.610.2900.61	1.640.2900.61	1.660.2900.61
PG 36	22 - 32	ATEX	15	35	50	1.610.3600.60	1.640.3600.60	1.660.3600.60
PG 36	20 - 26	ATEX	15	35	50	1.610.3600.61	1.640.3600.61	1.660.3600.61
PG 42	32 - 38	ATEX	15	37	57	1.610.4200.60	1.640.4200.60	1.660.4200.60
PG 42	25 - 31	ATEX	15	37	57	1.610.4200.61	1.640.4200.61	1.660.4200.61
PG 48	37 - 44	ATEX	15	38	64	1.610.4800.60	1.640.4800.60	1.660.4800.60
PG 48	29 - 35	ATEX	15	38	64	1.610.4800.61	1.640.4800.61	1.660.4800.61

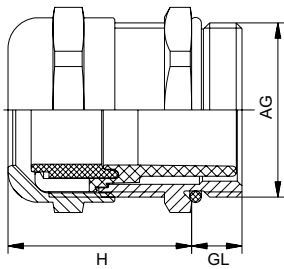
To learn more about B-I-A please visit us at our
 WEB site: www.BiaGmbH.com



HSK-Industry Standard

HSK-M-Ex Liquid tight strain relief fitting made of nickel plated brass

HSK-M-PVDF-Ex Liquid tight strain relief fitting with metric threads made of nickel plated brass



ATEX



II 2 GD

Material: Nickel plated brass
 Clamping insert: PA (Nylon) / PVDF
 Seal: Buna-N / FPM
 O-Ring: Buna-N / FPM
 Protection: IP 68 – 10 bar (NEMA 6 – 150 PSIG) within the specified clamping range

For approvals see end of this document.

AG	\varnothing mm	Ex- Generation	GL mm	H mm	 mm	HSK-M-Ex -20°C – 95°C (-4°F – 203°F)	HSK-M-Ex -60°C – 105°C (-76°F – 221°F)	HSK-M-PVDF-Ex -20°C – 130°C (-4°F – 266°F)
3/8" NPT	4 - 8	ATEX	15	21	17 / 19	1.610.3800.70	1.640.3800.70	1.660.3800.70
3/8" NPT	2 - 6	ATEX	15	21	17 / 19	1.610.3800.71	1.640.3800.71	1.660.3800.71
1/2" NPT	6 - 12	ATEX	13	24	22 / 24	1.610.1200.70	1.640.1200.70	1.660.1200.70
1/2" NPT	5 - 9	ATEX	13	24	22 / 24	1.610.1200.71	1.640.1200.71	1.660.1200.71
3/4" NPT	14 - 18	ATEX	13	25	30	1.610.3400.70	1.640.3400.70	1.660.3400.70
3/4" NPT	10 - 16	ATEX	13	25	30	1.610.3400.71	1.640.3400.71	1.660.3400.71
1" NPT	20 - 25	ATEX	19	29	40	1.610.1000.70	1.640.1000.70	
1" NPT	13 - 20	ATEX	19	29	40	1.610.1000.71	1.640.1000.71	

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Technical Information

Other International Ex-Certifications



Hungary

BKI 03 ATEX 001 X
BKI 03 ATEX 002 X



Russia

ROSS DE.GB05.B00



China

CQST CNEx01.207
CQST CNEx01.211



Brazil

INMETRO MC AEX-4665-X
INMETRO MC AEX-5233
INMETRO MC AEX-5234-X
INMETRO MC AEX-5235-X

Installation Instructions

Multi hole inserts: Cable diameter should not be less than 20% of hole diameter and the difference between cable diameter and hole should never exceed 1 mm (.04").

Flat cable inserts: Actual dimensions of cables and wires must be verified with the respective cable supplier.

Product Material Abbreviations

CR	Chloroprene rubber	PP	Polypropylene
FPM	Fluorelastomer	PVC	Polyvinylchloride
Ms	Nickel plated brass	PVDF	Polyvinylidenfluoride
NBR	Buna-N	SB	Styrene Butadiene
PA	Nylon	VMQ	Silicone
PE	Polyethylene		

Approvals for HSK Strain Relief Fittings / Licence Number G0010850

Series	Number	Temperature Range	Approval G (Gas)	Approval D (Dust)	EC-Type Examination Certificate
RSD-MS-Ex	1.078.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 049
RSD-MS-Ex	1.079.*	-60 °C – 180 °C	x	x	DMT 03 ATEX E 049
V-MS-Ex	1.197.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 049
V-MS-FPM-Ex	1.198.*	-20 °C – 180 °C	x	x	DMT 03 ATEX E 049
V-MS-VMQ-Ex	1.199.*	-60 °C – 180 °C	x	x	DMT 03 ATEX E 049
HSK-K-MZ-Ex	1.215.*	-20 °C – 70 °C	x	x	KEMA 99 ATEX 6971 X
KS-Ex	1.216.*	-20 °C – 95 °C	x	x	
HSK-K-Ex	1.291.*	-20 °C – 95 °C	x	x	DMT 02 ATEX E 047 X
HSK-K-Ex	1.295.*	-20 °C – 95 °C	x	x	DMT 02 ATEX E 047 X
HSK-V-Ex	1.296.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 049
V-Ex	1.297.*	-20 °C – 90 °C	x	x	DMT 03 ATEX E 049
HSK-K-Multi-Ex	1.599.*	-20 °C – 95 °C	x	x	DMT 02 ATEX E 047 X
HSK-M/EMV-Ex	1.610.* / 1.616.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X
HSK-MZ/EMV-Ex	1.611.* / 1.617.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X
HSK-INOX-Ex	1.612.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X
HSK-M-Ex-D	1.622.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6968 X
HSK-MZ-Ex-D	1.628.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6968 X
HSK-M-Ex-DUAL	1.630.*				
HSK-INOX-Ex-D	1.632.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6968 X
HSK-M-EMV-D-Ex	1.636.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X
HSK-M-EMV-D-Ex	1.637.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6971 X
HSK-M/EMV-Ex	1.640.* / 1.646.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6971 X
HSK-MZ/EMV-Ex	1.641.* / 1.647.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6971 X
HSK-INOX-Ex	1.642.*	-60 °C – 105 °C	x	x	KEMA 99 ATEX 6971 X
HSK-M-PVDF-Ex	1.660.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
HSK-MZ-PVDF-Ex	1.661.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
HSK-INOX-PVDF-Ex	1.662.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
HSK-M-EMV-PVDF-Ex	1.666.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
HSK-MZ-EMV-PVDF-Ex	1.667.*	-20 °C – 130 °C	x	x	KEMA 99 ATEX 6971 X
HSK-M-Multi-Ex	1.687.*	-20 °C – 95 °C	x	x	DMT 03 ATEX E 051 X

Other temperature ranges pending.