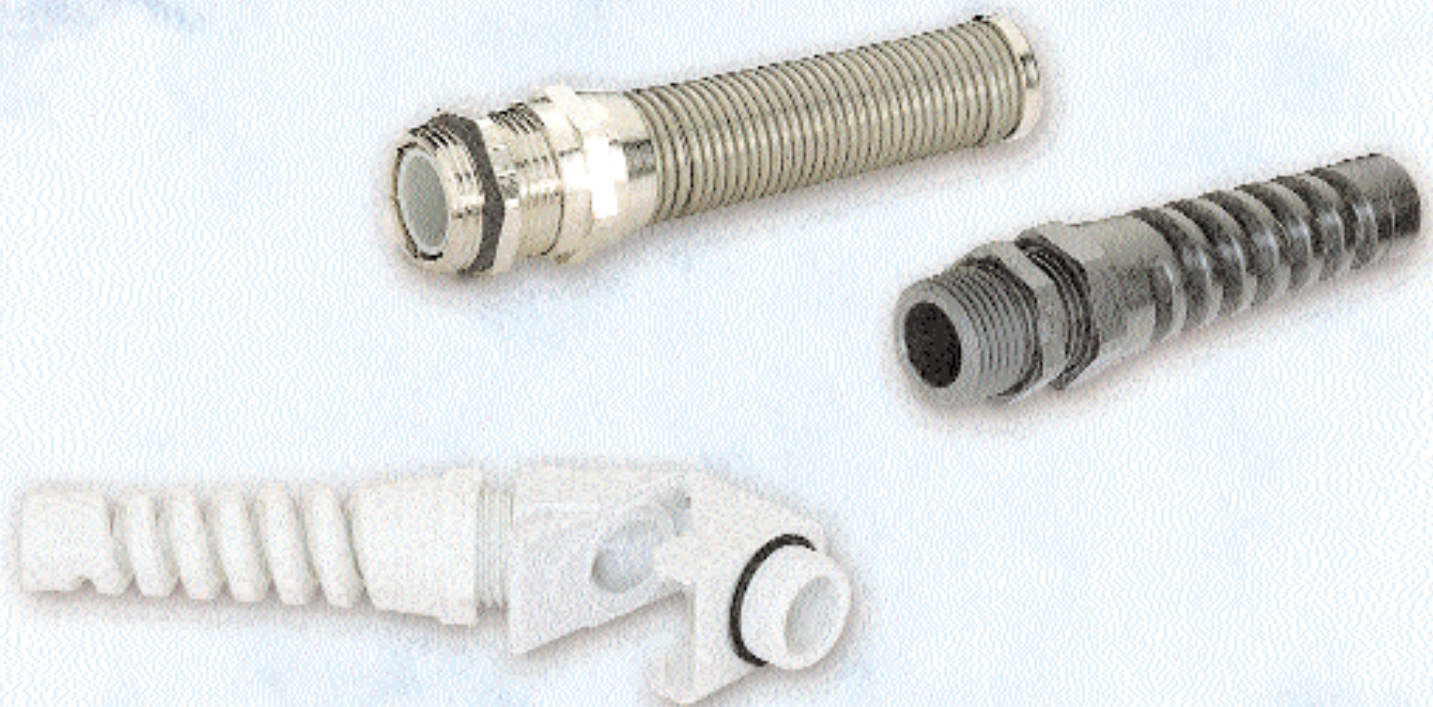


HUMMEL products are available from: MARYLAND METRICS P.O.Box 261 Owings Mills, MD 21117 US.

HSK-Flex Standard

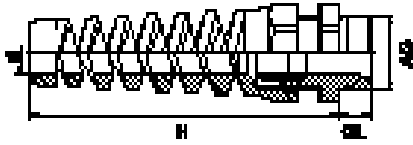


HSK-Flex Standard

HSK-Flex	Standard liquid tight strain relief fitting with flex protection - Nylon
HSK-M-Flex	Standard liquid tight strain relief fitting with flex protection - Nickel plated brass
HSK-KE/KR-Flex	Enlarged and reduced liquid tight strain relief fitting with flex protection - Nylon
HSK-W-Flex	Snap elbow liquid tight strain relief fitting with flex protection - Nylon

HSK-Flex

Metr./NPT



Material
Seal
Protection

Operating
Temperature

Colors

PA (Nylon)
Buna-N
IP 68 - 10 bar (NEMA 6 - 150 PSIG)
within the specified clamping range
only with optional O-ring (see page 101)
static -40° C to 100° C (-40° F to 212° F)
short time exposure 120° C (248° F)
dynamic -20° C to 80° C (-4° F to 176° F)
short time exposure 100° C (212° F)

grey RAL 7035 black RAL 9005



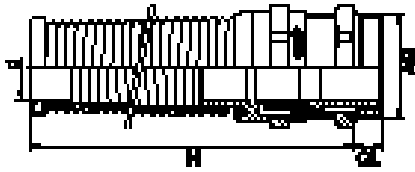
Elongated version available

AG	Ø mm	GL mm	H mm	d mm	U mm	Number grey	Number black
M 12 x 1,5	3 - 6,5	8	54	7	15	1.293.1200.50	1.293.1201.50
M 12 x 1,5	2 - 5	8	54	7	15	1.293.1200.51	1.293.1201.51
M 16 x 1,5	4 - 8	8	63	8,5	19	1.293.1600.50	1.293.1601.50
M 16 x 1,5	2 - 6	8	63	8,5	19	1.293.1600.51	1.293.1601.51
M 16 x 1,5	5 - 10	8	78	10,5	22	1.294.1600.50	1.294.1601.50
M 16 x 1,5	3 - 7	8	78	10,5	22	1.294.1600.51	1.294.1601.51
M 20 x 1,5	6 - 12	9	90	13	24	1.293.2000.50	1.293.2001.50
M 20 x 1,5	5 - 9	9	90	13	24	1.293.2000.51	1.293.2001.51
M 20 x 1,5	10 - 14	9	100	15,5	27	1.294.2000.50	1.294.2001.50
M 20 x 1,5	7 - 12	9	100	15,5	27	1.294.2000.51	1.294.2001.51
M 25 x 1,5	13 - 18	11	114	20	33	1.293.2500.50	1.293.2501.50
M 25 x 1,5	9 - 16	11	114	20	33	1.293.2500.51	1.293.2501.51
3/8" NPT	4 - 8	15	63	8,5	22/19	1.293.3800.70	1.293.3801.70
3/8" NPT	2 - 6	15	63	8,5	22/19	1.293.3800.71	1.293.3801.71
1/2" NPT	6 - 12	13	90	13	24	1.293.1200.70	1.293.1201.70
1/2" NPT	5 - 9	13	90	13	24	1.293.1200.71	1.293.1201.71
1/2" NPT/16	10 - 14	13	100	15,5	27	1.293.1216.70	1.293.1217.70
1/2" NPT/16	7 - 12	13	100	15,5	27	1.293.1216.71	1.293.1217.71
3/4" NPT	13 - 18	14	114	20	33	1.293.3400.70	1.293.3401.70
3/4" NPT	9 - 16	14	114	20	33	1.293.3400.71	1.293.3401.71



HSK-M-Flex

Metr./NPT



Material
Steel spring
Clamping insert
Seal
O-Ring
Protection

Nickel plated brass
1.4310
PA (Nylon)
Buna-N
Buna-N
IP 68 - 10 bar (NEMA 6 - 150 PSIG)
within the specified clamping range
-40° C to 100° C (-40° F to 212° F)
short time exposure 120° C (248° F)



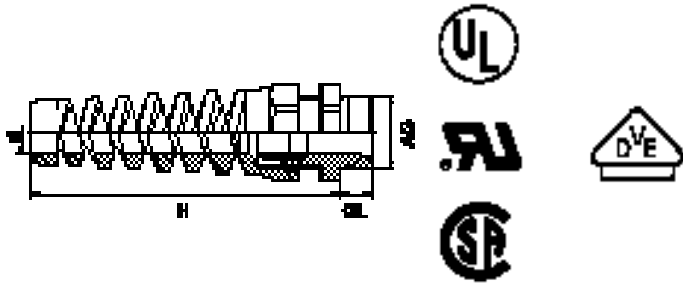
Operating
Temperature

AG	mm	GL mm	H mm	d mm	mm	Number	GL mm	Number elongated
M 12 x 1,5	3 - 6,5	5	55	6,8	14	1.623.1200.50	10	1.623.1200.30
M 12 x 1,5	2 - 5	5	55	6,8	14	1.623.1200.51	10	1.623.1200.31
M 16 x 1,5	4 - 8	6	66	8,2	19	1.623.1600.50		
M 16 x 1,5	2 - 6	6	66	8,2	19	1.623.1600.51		
M 16 x 1,5	5 - 10	6	77	10,3	20	1.623.1611.50	10	1.623.1611.30
M 16 x 1,5	4 - 8	6	77	10,3	20	1.623.1611.51	10	1.623.1611.31
M 20 x 1,5	6 - 12	6	88	12,3	22	1.623.2000.50		
M 20 x 1,5	5 - 9	6	88	12,3	22	1.623.2000.51		
M 20 x 1,5	10 - 14	6	98	14,3	24	1.623.2016.50	10	1.623.2016.30
M 20 x 1,5	7 - 12	6	98	14,3	24	1.623.2016.51	10	1.623.2016.31
M 25 x 1,5	13 - 18	7	111	18,4	30	1.623.2500.50	12	1.623.2500.30
M 25 x 1,5	9 - 16	7	111	18,4	30	1.623.2500.51	12	1.623.2500.31
NPT 3/8"	4 - 8	15	66	8,2	17/19	1.623.3800.70		
NPT 3/8"	2 - 6	15	66	8,2	17/19	1.623.3800.71		
NPT 1/2"	6 - 12	13	88	12,3	22/24	1.623.1200.70		
NPT 1/2"	5 - 9	13	88	12,3	22/24	1.623.1200.71		
NPT 3/4"	13 - 18	13	111	18,4	33	1.623.3400.70		
NPT 3/4"	9 - 16	13	111	18,4	33	1.623.3400.71		



HSK-Flex

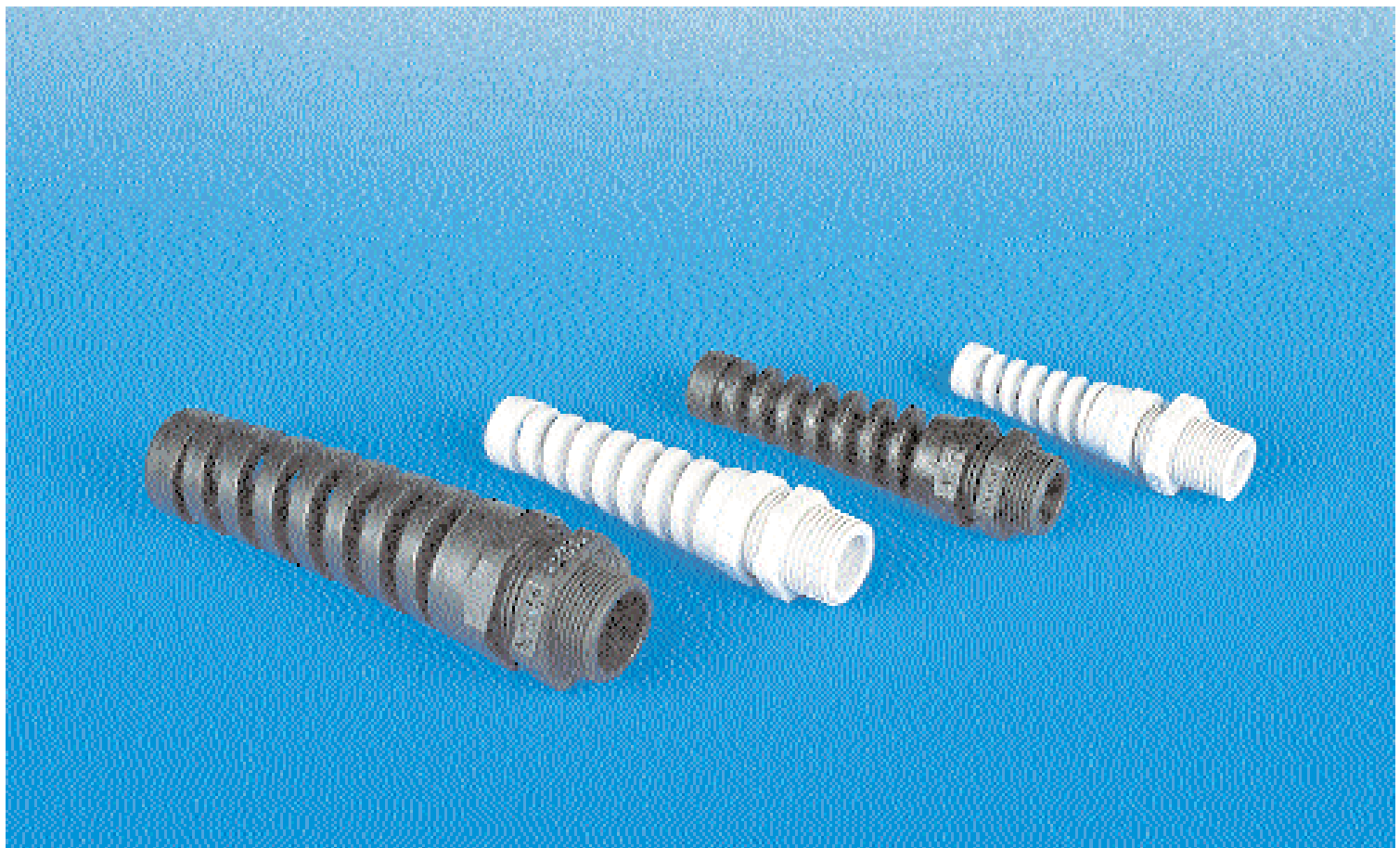
PG/PG-elongated



Material PA (Nylon)
Seal Buna-N
Protection IP 68 - 10 bar (NEMA 6 - 150 PSIG)
 within the specified clamping range
 only with optional O-ring (see page 101)
Operating Temperature static -40° C to 100° C (-40° F to 212° F)
 short time exposure 120° C (248° F)
 dynamic -20° C to 80° C (-4° F to 176° F)
 short time exposure 100° C (212° F)

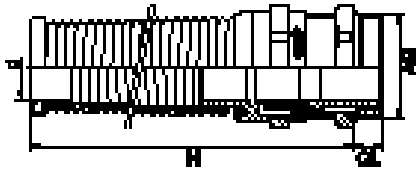
Colors grey RAL 7035
 black RAL 9005

AG PG	Ø mm	GL mm	H mm	W mm	d mm	Number grey	Number black	GL mm	Number grey elongated	Number black elongated
7	3 - 6,5	8	54	15	7	1.293.0700.14	1.293.0701.14	15	1.293.0700.60	1.293.0701.60
7	2 - 5	8	54	15	7	1.293.0700.15	1.293.0701.15	15	1.293.0700.61	1.293.0701.61
9	4 - 8	8	63	19	8,5	1.293.0900.14	1.293.0901.14	15	1.293.0900.60	1.293.0901.60
9	2 - 6	8	63	19	8,5	1.293.0900.15	1.293.0901.15	15	1.293.0900.61	1.293.0901.61
11	5 - 10	8	78	22	10,5	1.293.1100.14	1.293.1101.14	15	1.293.1100.60	1.293.1101.60
11	3 - 7	8	78	22	10,5	1.293.1100.15	1.293.1101.15	15	1.293.1100.61	1.293.1101.61
13,5	6 - 12	9	90	24	13	1.293.1300.14	1.293.1301.14	15	1.293.1300.60	1.293.1301.60
13,5	5 - 9	9	90	24	13	1.293.1300.15	1.293.1301.15	15	1.293.1300.61	1.293.1301.61
16	10 - 14	10	100	27	15,5	1.293.1600.14	1.293.1601.14	15	1.293.1600.60	1.293.1601.60
16	7 - 12	10	100	27	15,5	1.293.1600.15	1.293.1601.15	15	1.293.1600.61	1.293.1601.61
21	13 - 18	11	114	33	20	1.293.2100.14	1.293.2101.14	15	1.293.2100.60	1.293.2101.60
21	9 - 16	11	114	33	20	1.293.2100.15	1.293.2101.15	15	1.293.2100.61	1.293.2101.61



HSK-M-Flex

PG/PG-elongated



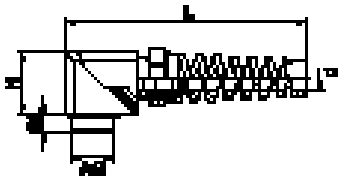
Material Nickel plated brass
Steel spring 1.4310
Clamping insert PA (Nylon)
Seal Buna-N
O-Ring Buna-N
Protection IP 68 - 10 bar (150 PSIG) NEMA 4x and 6 within the specified clamping range
Operating Temperature -40° C to 100° C (-40° F to 212° F) short time exposure 120° C (248° F)

AG PG	Ø mm	GL mm	H mm	d mm	W mm	Number	GL mm	Number elongated
7	3 - 6,5	5	55	6,8	14	1.623.0700.01	10	1.623.0700.60
7	2 - 5	5	55	6,8	14	1.623.0700.15	10	1.623.0700.61
9	4 - 8	6	66	8,2	17	1.623.0900.01	10	1.623.0900.60
9	2 - 6	6	66	8,2	17	1.623.0900.15	10	1.623.0900.61
11	5 - 10	6	77	10,3	20	1.623.1100.01	10	1.623.1100.60
11	3 - 7	6	77	10,3	20	1.623.1100.15	10	1.623.1100.61
13,5	6 - 12	6,5	88	12,3	22	1.623.1300.01	10	1.623.1300.60
13,5	5 - 9	6,5	88	12,3	22	1.623.1300.15	10	1.623.1300.61
16	10 - 14	6,5	98	14,3	24	1.623.1600.01	10	1.623.1600.60
16	7 - 12	6,5	98	14,3	24	1.623.1600.15	10	1.623.1600.61
21	13 - 18	7	111	18,4	30	1.623.2100.01	12	1.623.2100.60
21	9 - 16	7	111	18,4	30	1.623.2100.15	12	1.623.2100.61



HSK-W-Flex

Metr./PG/NPT






Material
Seal
O-ring
Protection
Operating
Temperature

PA (Nylon)
Buna-N
Buna-N
IP 68
static -40° C to 100° C (-40° F to 212° F)
short time exposure 120° C (248° F)
dynamic -20° C to 80° C (-4° F to 176° F)
short time exposure 100° C (212° F)

Colors

grey RAL 7035
black RAL 9005



AG	 mm	d mm	GL mm	H mm	L mm	 mm	 mm	Number grey	Number black
M 16 x 1,5	4 - 8	8,5	8	23	85	5	19	1.314.1600.50	1.314.1601.50
M 16 x 1,5	2 - 6	8,5	8	23	85	5	19	1.314.1600.51	1.314.1601.51
M 20 x 1,5	6 - 12	13	9	30,5	119	7	24	1.314.2000.50	1.314.2001.50
M 20 x 1,5	5 - 9	13	9	30,5	119	7	24	1.314.2000.51	1.314.2001.51
M 25 x 1,5	13 - 18	20	11	40	156	10	33	1.314.2500.50	1.314.2501.50
M 25 x 1,5	9 - 16	20	11	40	156	10	33	1.314.2500.51	1.314.2501.51
PG 9	4 - 8	8,5	8	23	85	5	19	1.314.0900.14	1.314.0901.14
PG 9	2 - 6	8,5	8	23	85	5	19	1.314.0900.15	1.314.0901.15
PG 11	5 - 10	10,5	8	27	103	6	22	1.314.1100.14	1.314.1101.14
PG 11	3 - 7	10,5	8	27	103	6	22	1.314.1100.15	1.314.1101.15
PG 13,5	6 - 12	13	9	30,5	119	7	24	1.314.1300.14	1.314.1301.14
PG 13,5	5 - 9	13	9	30,5	119	7	24	1.314.1300.15	1.314.1301.15
PG 16	10 - 14	15,5	10	32,5	130	8	27	1.314.1600.14	1.314.1601.14
PG 16	7 - 12	15,5	10	32,5	130	8	27	1.314.1600.15	1.314.1601.15
PG 21	13 - 18	20	11	40	156	10	33	1.314.2100.14	1.314.2101.14
PG 21	9 - 16	20	11	40	156	10	33	1.314.2100.15	1.314.2101.15
3/8" NPT	* 4 - 8	8,5	15	23	85	5	19	1.314.3800.70	1.314.3801.70
3/8" NPT	* 2 - 6	8,5	15	23	85	5	19	1.314.3800.71	1.314.3801.71
1/2" NPT	* 6 - 12	13	13	30,5	119	7	24	1.314.1200.70	1.314.1201.70
1/2" NPT	* 5 - 9	13	13	30,5	119	7	24	1.314.1200.71	1.314.1201.71
1/2" NPT/16	* 10 - 14	15,5	13	31,5	130	8	27	1.314.1216.70	1.314.1217.70
1/2" NPT/16	* 7 - 12	15,5	13	31,5	130	8	27	1.314.1216.71	1.314.1217.71
3/4" NPT	* 13 - 18	20	13	40	156	10	33	1.314.3400.70	1.314.3401.70
3/4" NPT	* 9 - 16	20	13	40	156	10	33	1.314.3400.71	1.314.3401.71

