

SEM-FAST ACCESSORIES



FEATURES

SEM-FAST ACCESSORIES are injected parts with a thread and a special quick-in system for an easy and quick assembly with convoluted tubing. Different designs are available to fit any assembly need.

CHARACTERISTICS

- Product family: Accessories
- Construction: PA injected parts
- Materials: polyamide
- Standard colors: black
- Temperature of use: -40/120°C

→ SEM-FAST ACCESSORIES are compatible with POLYFLEX convoluted tubing range. Please contact your Sales Representative for more information.



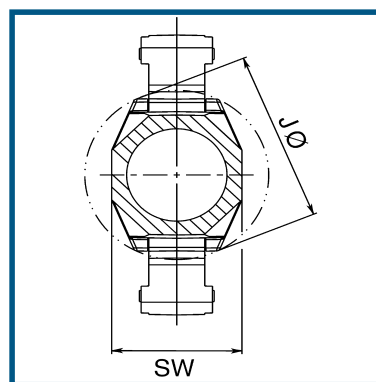
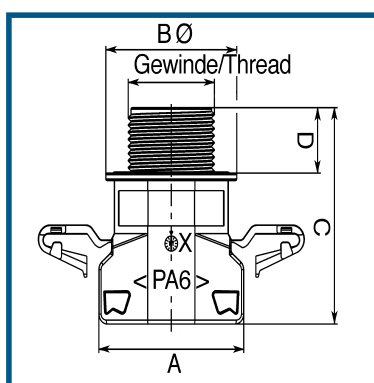
SEM-Fast Straight & 90° Elbow (black):
UR File E81472 (acc. to UL1696)



PHYSICAL PROPERTIES

Physical properties	Spec	PA6 (PA)
Thermal properties		
Long term aging (20000h)	IEC 60216-1	120°C
Other properties		
Density (g/cm³)	ISO 1183	1,13
Flammability (mm/min)	FMVSS302 UL 94	self-ext. V2
Chemical resistance	Resists the majority of chemicals and automotive fluids	

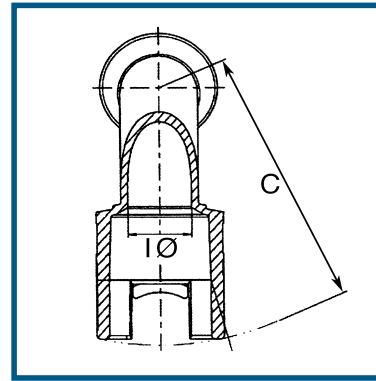
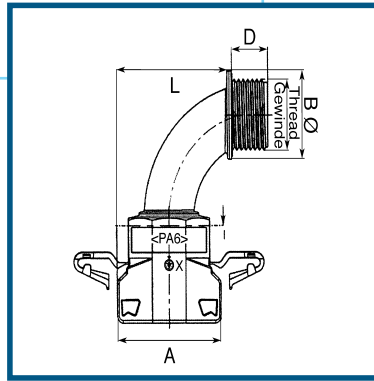
DIMENSIONS SEM-FAST STRAIGHT



External Thread	For diameter	SW mm	A mm	B Ø mm	C mm	D mm	smallest I Ø mm	J Ø mm	SCHLEMMER PN black	SCHLEMMER PN gray
PG										
PG 7	7,5	14,0	19,0	18,0	34,0	11,0	7,5	21,0	3805028	3805128
PG 7	8,5	16,0	20,6	20,0	35,0	11,0	7,5	23,0	3805012	3805112
PG 7	10	17,0	21,6	22,0	36,0	12,0	9,0	24,5	3805024	3805124
PG 9	10	17,0	21,6	22,0	36,0	12,0	11,0	24,5	3805004	3805104
PG 9	12+13	20,0	25,5	25,0	38,0	12,0	11,0	29,0	3805037	3805137
PG 11	10	17,0	21,6	22,0	36,0	12,0	12,5	24,5	3805050	3805150
PG 11	12+13	20,0	25,5	25,0	38,0	12,0	14,5	29,0	3805009	3805109
PG 13,5	10	17,0	21,6	25,0	36,0	12,0	12,5	24,5	3805064	3805164
PG 13,5	12+13	20,0	25,5	25,0	38,0	12,0	15,2	29,0	3805010	3805110
PG 13,5	17	27,0	34,5	31,0	43,0	13,0	15,4	38,5	3805005	3805105
PG 16	17	27,0	34,5	31,0	43,0	13,0	18,1	38,5	3805006	3805106
PG 21	22	32,0	40,5	36,0	48,0	13,0	23,0	45,5	3805023	3805123
PG 21	23	34,0	42,5	38,0	48,0	13,0	23,0	48,5	3805014	3805114
PG 29	29	41,0	49,5	46,0	52,0	15,0	31,0	55,5	3805016	3805116
PG 36	37	50,0	59,0	55,0	62,0	17,0	39,0	66,5	3805018	3805118
PG 48	50	64,0	72,0	72,0	68,0	19,0	47,0	80,0	3805021	3805121

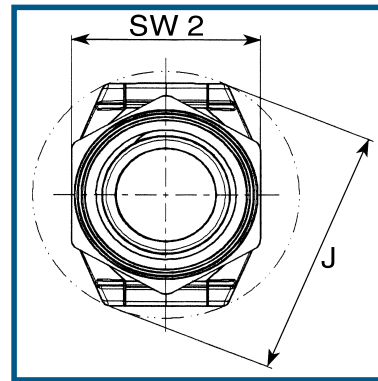
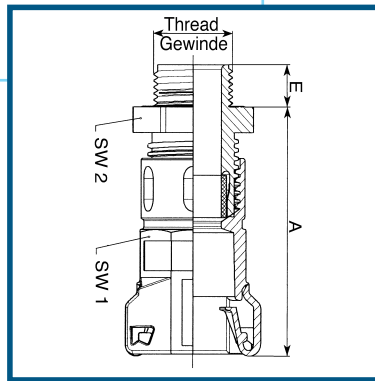
External Thread	For diameter	SW mm	A mm	B Ø mm	C mm	D mm	smallest I Ø mm	J Ø mm	SCHLEMMER PN black	SCHLEMMER PN gray
METRIC										
M 12 X 1,5	7,5	14,0	19,0	18,0	34,0	11,0	7,5	21,0	3805047	3805147
M 12 X 1,5	8,5	16,0	20,6	20,0	35,0	11,0	7,5	23,0	3805011	3805111
M 12 X 1,5	10	17,0	21,6	22,0	36,0	12,0	7,5	24,5	3805000	3805100
M 16 X 1,5	10	17,0	21,6	22,0	36,0	12,0	11,0	24,5	3805001	3805101
M 16 X 1,5	12+13	20,0	25,5	25,0	38,0	12,0	11,0	29,0	3805007	3805107
M 20 X 1,5	10	17,0	21,6	25,0	36,0	12,0	12,5	24,5	3805051	3805151
M 20 X 1,5	12+13	20,0	25,5	25,0	38,0	12,0	15,2	29,0	3805008	3805108
M 20 X 1,5	17	27,0	34,5	31,0	43,0	13,0	15,4	38,5	3805002	3805102
M 25 X 1,5	17	27,0	34,5	31,0	43,0	13,0	19,1	38,5	3805003	3805103
M 25 X 1,5	22	32,0	40,5	36,0	48,0	13,0	19,1	45,5	3805022	3805122
M 25 X 1,5	23	34,0	42,5	38,0	48,0	13,0	19,1	48,5	3805013	3805113
M 32 X 1,5	29	41,0	49,5	46,0	52,0	15,0	25,5	55,5	3805015	3805115
M 40 X 1,5	37	50,0	59,0	55,0	62,0	17,0	34,0	66,5	3805017	3805117
M 50 X 1,5	50	64,0	72,0	72,0	68,0	19,0	43,5	80,0	3805019	3805119
M 63 X 1,5	50	64,0	72,0	72,0	68,0	19,0	47,0	80,0	3805020	3805120
NPT										
NPT 1/4"	7,5	14,0	19,0	18,0	34,0	11,0	7,5	21,0	3805540	3805560
NPT 1/4"	10	17,0	21,6	22,0	36,0	12,0	7,5	24,5	3805541	3805561
NPT 3/8"	10	17,0	21,6	22,0	36,0	12,0	11,0	24,5	3805542	3805562
NPT 3/8"	12+13	20,0	25,5	25,0	38,0	12,0	11,0	29,0	3805543	3805563
NPT 1/2"	12+13	20,0	25,5	25,0	38,0	12,0	14,5	29,0	3805544	3805564
NPT 1/2"	17	27,0	34,5	31,0	43,0	13,0	14,5	38,5	3805545	3805565
NPT 3/4"	23	34,0	42,5	38,0	48,0	13,0	19,1	48,5	3805546	3805566
NPT 1"	29	41,0	49,5	46,0	52,0	15,0	25,5	55,5	3805548	3805568
NPT 1 1/4"	37	50,0	59,0	55,0	62,0	17,0	34,0	66,5	3805550	3805570
NPT 1 1/2"	50	64,0	72,0	72,0	68,0	19,0	39,0	80,0	3805552	3805572
NPT 2"	50	64,0	72,0	72,0	68,0	19,0	51,5	80,0	3805553	3805573

DIMENSIONS SEM-FAST 90° ELBOW



External Thread	For diameter	A mm	B Ø mm	C mm	D mm	smallest I Ø mm	L mm	SCHLEMMER PN black	SCHLEMMER PN gray
PG									
PG 9	10	21,6	20,0	50,0	12,0	9,5	29,0	3805201	3805301
PG 11	12 + 13	25,5	25,0	54,6	12,0	13,5	34,0	3805207	3805307
PG 13,5	17	34,5	25,0	59,7	12,0	13,5	38,5	3805214	3805314
PG 16	17	34,5	31,0	65,8	13,0	17,0	44,5	3805213	3805313
PG 21	23	42,5	38,0	74,1	13,0	23,0	51,5	3805219	3805319
PG 29	29	49,5	48,0	86,8	15,0	31,0	63,5	3805225	3805325
PG 36	37	59,0	58,0	104,8	17,0	39,5	74,5	3805231	3805331
PG 48	50	72,0	72,0	129,0	19,0	51,5	99,8	3805237	3805337
METRIC									
M 16 X 1,5	10	21,6	20,0	50,0	12,0	9,5	29,0	3805200	3805300
M 16 X 1,5	12 + 13	25,5	20,0	52,7	12,0	9,5	30,5	3805205	3805305
M 20 X 1,5	12 + 13	25,5	25,0	54,6	12,0	13,5	34,0	3805206	3805306
M 20 X 1,5	17	34,5	25,0	59,7	12,0	13,5	38,5	3805211	3805311
M 25 X 1,5	17	34,5	31,0	65,8	13,0	17,0	44,5	3805212	3805312
M 25 X 1,5	23	42,5	31,0	71,3	13,0	17,0	48,5	3805217	3805317
M 32 X 1,5	23	42,5	38,0	74,1	13,0	23,0	51,5	3805218	3805318
M 32 X 1,5	29	49,5	38,0	77,2	13,0	23,0	54,5	3805223	3805323
M 40 X 1,5	29	49,5	48,0	86,8	15,0	31,0	63,5	3805224	3805324
M 40 X 1,5	37	59,0	48,0	95,6	15,0	31,0	68,5	3805229	3805329
M 50 X 1,5	37	59,0	58,0	104,8	17,0	39,5	74,5	3805230	3805330
M 50 X 1,5	50	72,0	58,0	111,2	17,0	39,5	81,0	3805235	3805335
M 63 X 1,5	50	72,0	72,0	129,0	19,0	51,5	99,8	3805236	3805336
NPT									
NPT 3/8"	12+13	25,5	25,0	54,6	12,0	13,5	34,0	3805752	3805772
NPT 1/2"	12+13	25,5	25,0	54,6	12,0	13,5	34,0	3805753	3805773
NPT 1/2"	17	34,5	35,0	59,7	12,0	13,5	38,5	3805754	3805774
NPT 3/4"	23	42,5	31,0	71,3	13,0	17,0	48,5	3805755	3805775
NPT 1"	29	49,5	38,0	77,2	13,0	31,0	54,5	3805756	3805776
NPT 1 1/4"	37	59,0	48,0	95,6	15,0	31,0	68,5	3805757	3805777
NPT 1 1/2"	37	59,0	58,0	104,8	17,0	39,5	74,5	3805758	3805778
NPT 1 1/2"	50	72,0	58,0	111,2	17,0	39,5	81,0	3805759	3805779
NPT 2"	50	72,0	72,0	129,0	19,0	51,5	99,8	3805760	3805780

DIMENSIONS SEM-FAST COMBI

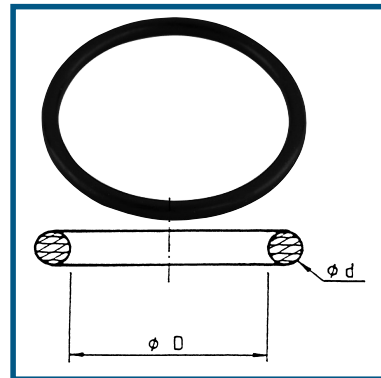
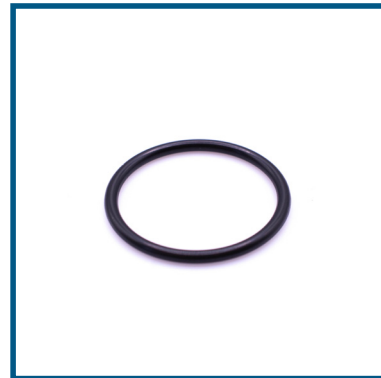


External Thread	Suitable for corrugated tube NW	Clamping range mm	SW 1 mm	SW 2 mm	E mm	A mm	J mm	SCHLEMMER PN black
PG								
PG 9	10	2,5 - 8,0	17,0	19,0	8,0	47,0	24,5	3805601
PG 11	12+13	3,5 - 10,0	20,0	22,0	8,0	53,0	29,0	3805602
PG 13,5	12+13	5,0 - 12,0	20,0	24,0	9,0	53,0	29,0	3805603
PG 13,5	17	5,0 - 12,0	27,0	24,0	9,0	58,5	38,5	3805604
PG 16	17	7,0 - 14,0	27,0	27,0	10,0	58,5	38,5	3805605
PG 21	22	9,0 - 18,0	32,0	33,0	11,0	68,5	45,5	3805606
PG 21	23	9,0 - 18,0	34,0	33,0	11,0	68,5	48,5	3805607
PG 29	29	14,0 - 25,0	41,0	42,0	11,0	75,0	55,5	3805608
METRIC								
M 16X1,5/9	10	2,5 - 8,0	17,0	19,0	8,0	47,0	24,5	3805621
M 16X1,5/11	12+13	3,5 - 10,0	20,0	22,0	10,0	53,0	29,0	3805622
M 20X1,5/13	12+13	5,0 - 12,0	20,0	24,0	10,0	53,0	29,0	3805623
M 20X1,5/13	17	5,0 - 12,0	27,0	24,0	10,0	58,5	38,5	3805624
M 20X1,5/16	17	7,0 - 14,0	27,0	27,0	10,0	58,5	38,5	3805625
M 25X1,5/16	17	7,0 - 14,0	27,0	27,0	10,0	58,5	38,5	3805626
M 25X1,5/21	22	9,0 - 18,0	32,0	33,0	10,0	68,5	45,5	3805627
M 25X1,5/21	23	9,0 - 18,0	34,0	33,0	10,0	68,5	48,5	3805628
M 32X1,5	29	14,0 - 25,0	41,0	42,0	10,0	75,0	55,5	3805629
NPT								
NPT 1/2"	12+13	7,0 - 12,0	20,0	24,0	14,0	53,0	29,0	3805641
NPT 1/2"	17	7,0 - 12,0	27,0	24,0	14,0	58,5	38,5	3805642
NPT 3/4"	22	10,0 - 18,0	32,0	33,0	15,0	68,5	45,5	3805643
NPT 3/4"	23	10,0 - 18,0	34,0	33,0	15,0	68,5	48,5	3805644
NPT 1"	29	17,0 - 24,0	41,0	42,0	18,0	75,0	55,5	3805645

DIMENSIONS O-RING SEALINGS

O-ring Sealing are made of NBR70 material.

Suitable for Profile	Diameter	D Ø mm	d Ø mm	SCHLEMMER PN black
POLYFLEX NP PA6	7,5	5,0	1,50	8112800
POLYFLEX NP PA6	8,5	7,0	1,20	8112801
POLYFLEX NP PA6	10	7,0	1,50	8112802
POLYFLEX NP PA6	12	9,0	1,50	8112804
POLYFLEX NP PA6	13	8,0	1,60	8112803
POLYFLEX NP PA6	17	14,0	1,78	8112807
POLYFLEX NP PA6	22	14,0	2,00	8112808
POLYFLEX NP PA6	23	18,0	2,00	8112809
POLYFLEX NP PA6	29	20,0	2,50	8112810
POLYFLEX NP PA6	37	24,0	2,50	8112811
POLYFLEX NP PA6	50*	28,0	2,50	8112813
POLYFLEX UFW PA6	7,5	7,0	1,5	8112802
POLYFLEX UFW PA6	8,5	8,1	1,6	8112803
POLYFLEX UFW PA6	10 + 13	9,1	1,6	8112805
POLYFLEX UFW PA6	17	13,0	2,5	8112806
POLYFLEX UFW PA6	22 + 23	20,0	2,5	8112810
POLYFLEX UFW PA6	29	24,0	3,0	8112812
POLYFLEX UFW PA6	37	30,0	3,0	8112814



*slip two O-ring sealings for size NW 50 into the first and second groove of the tube

PACKAGING

- Cardboard boxes