



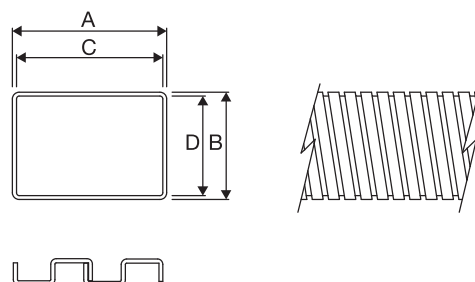
Steel Cable Conduit

Construction: steel helix-wire conduit with packingless link junction

Material: cold-milled non-alloy steel grade St 3 (1.0330), DIN 1624, bright zinc-plated

Quality: highly flexible, resistant against traction and compression

Use: protection of electric cables and flexible hoses



DIMENSIONS and CHARACTERISTICS								
Outer dimensions		Inner dimensions		Bend radius		Maximum unsupported length (m)	Weight $\pm 10\%$ (kg/m)	Part number
A x B	Tolerance	C x D	Tolerance	Radius	Tolerance			
50 x 30	+ 1	47,0 x 26,8	- 1	70	- 10	1,5 - 2,0	2,00	GPC015□□□□*□**
50 x 50	+ 1	46,8 x 46,8	- 1	120	- 10	1,5 - 2,0	2,50	GPC025□□□□*□**
85 x 45	+ 1	81,0 x 40,8	- 1	100	- 10	2	3,00	GPC038□□□□*□**
65 x 65	+ 1	60,8 x 60,8	- 1	130	- 10	2	2,14	GPC042□□□□*□**
85 x 60	+ 1	81,0 x 55,8	- 1	130	- 10	2	3,50	GPC051□□□□*□**
115 x 60	+ 1	110,2 x 54,8	- 1	130	- 20	2	4,80	GPC069□□□□*□**
115 x 80	+ 1	110,0 x 74,6	- 1	170	- 20	2,0 - 2,5	5,30	GPC092□□□□*□**
140 x 90	+ 1	135,0 x 84,6	- 1	180	- 20	2,0 - 2,5	6,60	GPC126□□□□*□**
175 x 80	+ 1	169,8 x 74,4	- 1	170	- 20	2,0 - 2,5	7,20	GPC140□□□□*□**
140 x 110	+ 1	134,4 x 104,0	- 1	250	- 20	2,0 - 2,5	6,12	GPC154□□□□*□**
175 x 110	+ 1	169,6 x 104,2	- 1	250	- 20	3	8,20	GPC193□□□□*□**
220 x 110	$\pm 1,5$	214,4 x 104,4	- 1	250	- 20	3	7,82	GPC242□□□□*□**

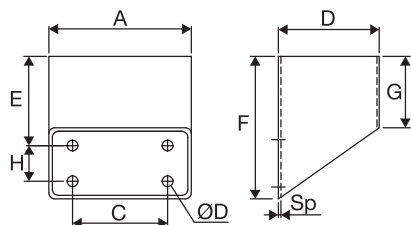
*Complete the code by inserting flange type: e.g. GPC1015□□□□□

**Complete the code by inserting flange mounting version: e.g. GPC1015FSF1□

Steel Cable Conduit

Flanges

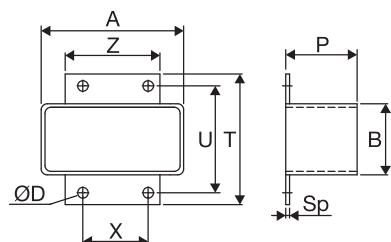
STANDARD FLANGES FS



DIMENSIONS and CHARACTERISTICS

Part number	Standard flanges								
	A	B	C	ØD	E	F	G	H	Thk.
GPC015...	54	34	20	7	45,0	60	30	-	2,0
GPC025...	54	54	20	7	45,0	60	30	-	2,0
GPC038...	90	50	50	7	67,5	90	45	-	2,0
GPC042...	70	70	50	7	67,5	90	45	-	2,0
GPC051...	90	65	50	7	67,5	90	45	-	2,0
GPC069...	120	65	80	9	70,0	120	60	40	2,0
GPC092...	120	85	80	9	70,0	120	60	40	2,0
GPC126...	145	95	105	9	70,0	120	60	40	2,0
GPC140...	180	85	140	9	97,5	165	80	50	2,0
GPC154...	145	115	140	9	97,5	165	80	50	2,0
GPC193...	180	115	140	9	97,5	165	80	50	2,0
GPC242...	225	115	150	9	97,5	165	80	50	2,0

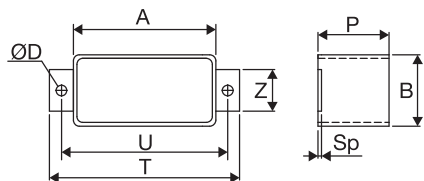
FRONTAL FLANGES TYPE F1



DIMENSIONS and CHARACTERISTICS

Part number	Frontal flanges type 1								
	A	B	P	T	U	Z	X	ØD	Thk.
GPC015...	54	34	30	70	55	35	18	7	2,0
GPC038...	90	50	45	85	70	65	45	7	2,0
GPC069...	120	65	60	110	90	80	60	9	2,0
GPC140...	180	85	80	130	110	120	90	9	2,0

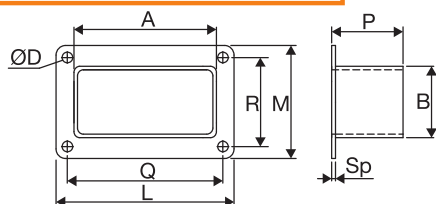
FRONTAL FLANGES TYPE F2



DIMENSIONS and CHARACTERISTICS

Part number	Frontal flanges type 2							
	A	B	P	T	U	Z	ØD	Thk.
GPC015...	54	34	30	90	75	15	7	2,0
GPC038...	90	50	45	120	105	30	7	2,0
GPC069...	120	65	60	160	140	35	9	2,0
GPC140...	180	85	80	220	200	40	9	2,0

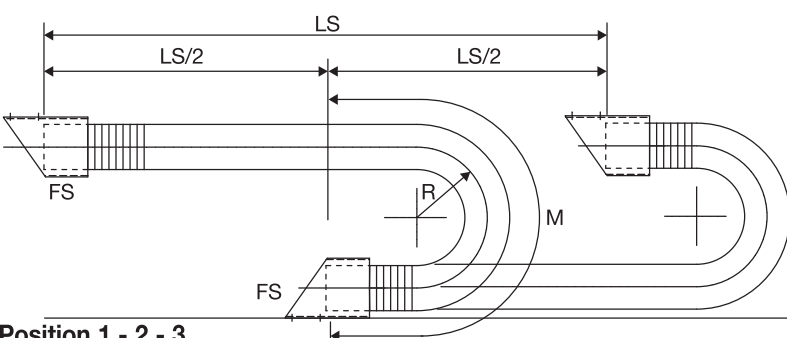
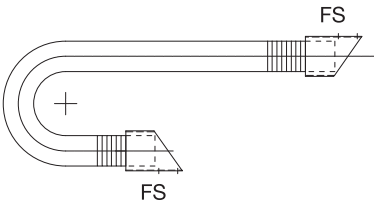
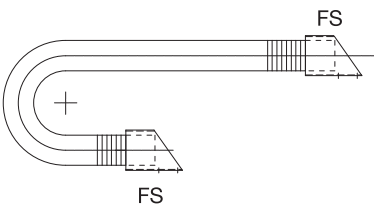
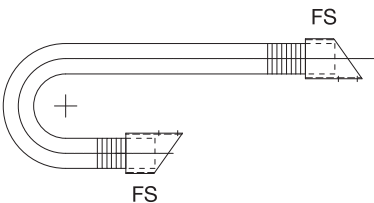
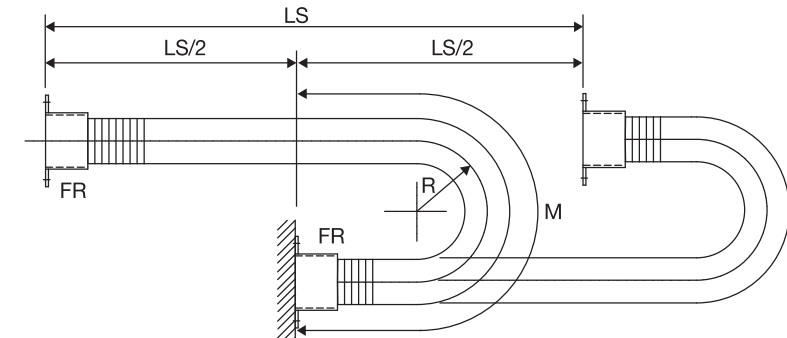
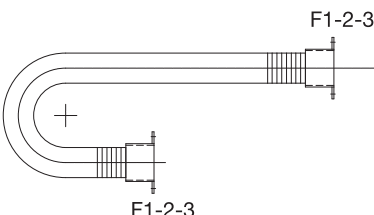
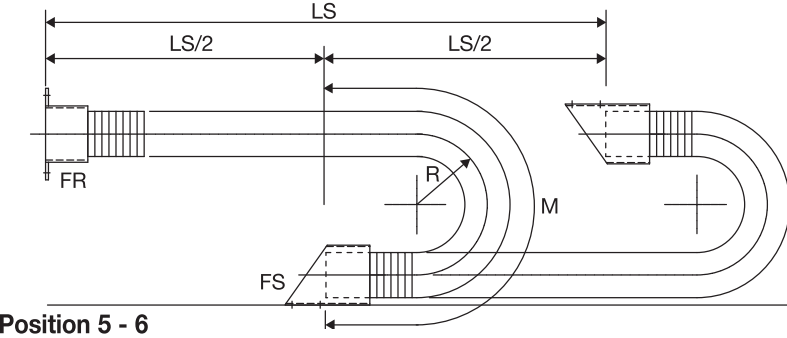
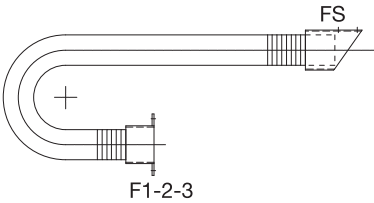
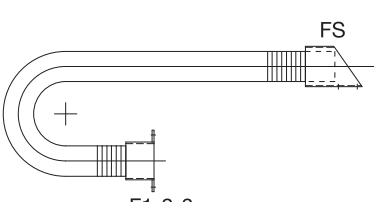
FRONTAL FLANGES TYPE F3



DIMENSIONS and CHARACTERISTICS

Part number	Frontal flanges type 3								
	A	B	L	M	ØD	P	Q	R	Thk.
GPC015...	54	34	85	65	7	30	70	50	2
GPC025...	54	54	85	85	7	30	70	70	2
GPC038...	90	50	120	80	7	45	105	65	2
GPC042...	70	70	100	100	7	45	105	85	2
GPC051...	90	65	120	95	7	45	105	80	2
GPC069...	120	65	150	95	9	60	135	80	2
GPC092...	120	85	150	115	9	60	135	100	2
GPC126...	145	95	175	125	9	60	160	110	2
GPC140...	180	85	210	115	9	80	195	100	2
GPC154...	145	115	175	145	9	80	160	130	2
GPC193...	180	115	210	145	9	80	195	130	2
GPC242...	225	115	255	145	9	100	240	130	2

Steel Cable Conduit

Determining conduit length	Flanges and mounting versions
 Position 1 - 2 - 3	Position 1  Position 2  Position 3 
 Position 4	Position 4 
 Position 5 - 6	Position 5  Position 6 

Conduits can be supplied up to a maximum length of 5 m.
If the unsupported length (LS/2) is more than 2.5 m, it is necessary to use support rollers.

Conduit length
 $L = LS/2 + M$

Bend radius	M
70	290
100	414
120	497
130	538
170	704
180	745
250	1035