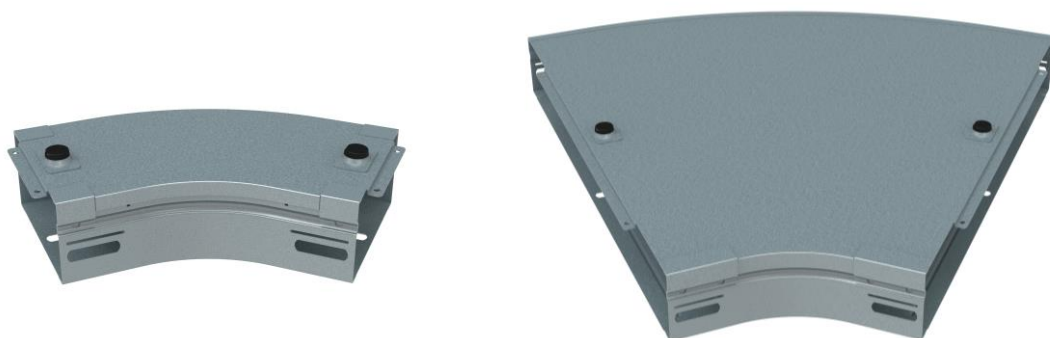


P31 - FLAT BEND 45° H50 + COVER

Reference(s): 4803../62/63/64/65/66/67/68
4823../62/63/64/65/66/67/68
4843../62/63/64/65/66/67/68



1. USE

Flat bend 45° in H50 with blind bottom and cover

2. RANGE

■ 2.1 Flat bend 45° H50 + cover blind PG

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm²)	(inch²)
P31- FLAT BEND 45D 50X100 PG	480362	100	3,94	0,55	1,22	0,7	0,03	PG	5181	8,03
P31- FLAT BEND 45D 50X150 PG	480363	150	5,91	0,73	1,61	0,7	0,03	PG	7746	12,01
P31- FLAT BEND 45D 50X200 PG	480364	200	7,87	0,93	2,05	0,7	0,03	PG	10311	15,98
P31- FLAT BEND 45D 50X300 PG	480365	300	11,81	1,40	3,08	0,7	0,03	PG	15441	23,93
P31- FLAT BEND 45D 50X400 PG	480366	400	15,75	2,00	4,40	0,7	0,03	PG	20571	31,89
P31- FLAT BEND 45D 50X500 PG	480367	500	19,69	2,63	5,80	0,7	0,03	PG	25701	39,84
P31- FLAT BEND 45D 50X600 PG	480368	600	23,62	3,35	7,39	0,7	0,03	PG	30831	47,79

■ 2.2 Flat bend 45° H50 + cover blind HDG

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm²)	(inch²)
P31- FLAT BEND 45D 50X100 HDG	482362	100	3,94	0,61	1,34	0,7	0,03	HDG	5181	8,03
P31- FLAT BEND 45D 50X150 HDG	482363	150	5,91	0,80	1,77	0,7	0,03	HDG	7746	12,01
P31- FLAT BEND 45D 50X200 HDG	482364	200	7,87	1,03	2,26	0,7	0,03	HDG	10311	15,98
P31- FLAT BEND 45D 50X300 HDG	482365	300	11,81	1,54	3,39	0,7	0,03	HDG	15441	23,93
P31- FLAT BEND 45D 50X400 HDG	482366	400	15,75	2,20	4,84	0,7	0,03	HDG	20571	31,89
P31- FLAT BEND 45D 50X500 HDG	482367	500	19,69	2,89	6,38	0,7	0,03	HDG	25701	39,84
P31- FLAT BEND 45D 50X600 HDG	482368	600	23,62	3,69	8,13	0,7	0,03	HDG	30831	47,79

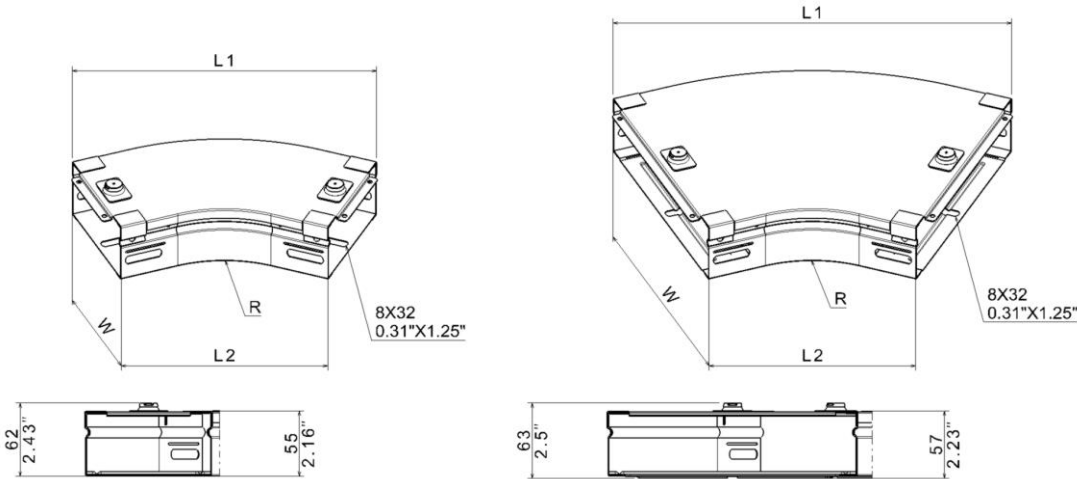
■ 2.3 Flat bend 45° H50 + cover blind BLUE

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm²)	(inch²)
P31- FLAT BEND 45D 50X100 BLUE	484362	100	3,94	0,55	1,22	0,7	0,03	BLUE	5181	8,03
P31- FLAT BEND 45D 50X150 BLUE	484363	150	5,91	0,73	1,61	0,7	0,03	BLUE	7746	12,01
P31- FLAT BEND 45D 50X200 BLUE	484364	200	7,87	0,93	2,05	0,7	0,03	BLUE	10311	15,98
P31- FLAT BEND 45D 50X300 BLUE	484365	300	11,81	1,40	3,08	0,7	0,03	BLUE	15441	23,93
P31- FLAT BEND 45D 50X400 BLUE	484366	400	15,75	2,00	4,40	0,7	0,03	BLUE	20571	31,89
P31- FLAT BEND 45D 50X500 BLUE	484367	500	19,69	2,63	5,80	0,7	0,03	BLUE	25701	39,84
P31- FLAT BEND 45D 50X600 BLUE	484368	600	23,62	3,35	7,39	0,7	0,03	BLUE	30831	47,79

3. DIMENSIONS (mm/inch)

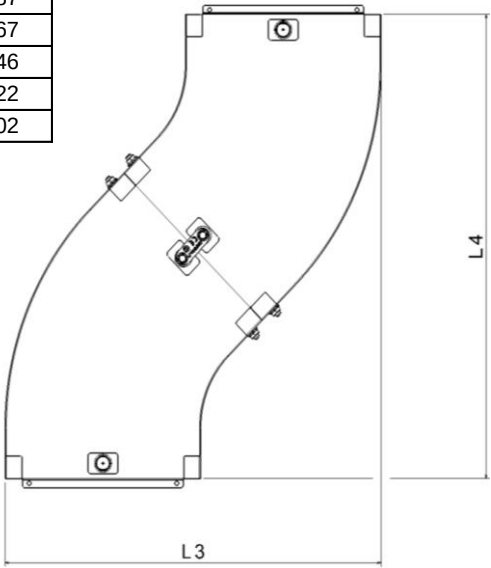
■ 3.1 Fitting dimensions

Description	Width		Radius		L1		L2	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
P31-FLAT BEND 45D 50X100	104	4,09	100	3,94	247	9,72	168	6,61
P31-FLAT BEND 45D 50X150	154	6,06	100	3,94	286	11,26	168	6,61
P31-FLAT BEND 45D 50X200	204	8,03	100	3,94	324	12,76	168	6,61
P31-FLAT BEND 45D 50X300	304	11,97	100	3,94	400	15,75	168	6,61
P31-FLAT BEND 45D 50X400	404	15,91	100	3,94	477	18,78	168	6,61
P31-FLAT BEND 45D 50X500	504	19,84	100	3,94	553	21,77	168	6,61
P31-FLAT BEND 45D 50X600	604	23,78	100	3,94	626	24,65	168	6,61



■ 3.2 Fitting to fitting dimensions

Description	L3		L4	
	(mm)	(inch)	(mm)	(inch)
P31-FLAT BEND 45D 50X100	236	9,29	384	15,12
P31-FLAT BEND 45D 50X150	324	12,76	419	16,50
P31-FLAT BEND 45D 50X200	392	15,43	454	17,87
P31-FLAT BEND 45D 50X300	521	20,51	525	20,67
P31-FLAT BEND 45D 50X400	651	25,63	596	23,46
P31-FLAT BEND 45D 50X500	780	30,71	666	26,22
P31-FLAT BEND 45D 50X600	910	35,83	737	29,02



4. INSTALLATION

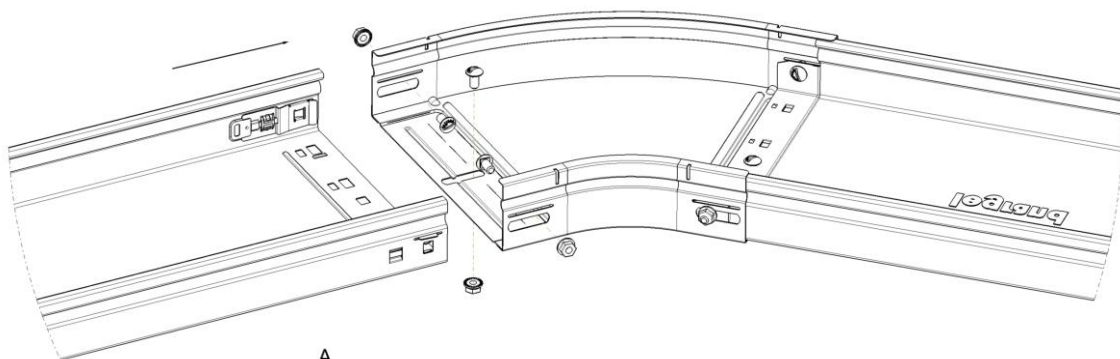
■ 4.1 Screw

Use screws M6x12 tightened at 11Nm

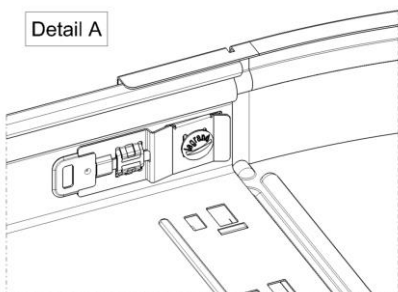
Reference(s): 341895/ 03V1M610Z (PG)
485035 (Zn-Ni)
346895/ 03V1M610L (SS316L)
341708 / 31X99X999 (PG)
346474 / 31X99X99X (SS316L)

■ 4.2 Fitting to cable tray

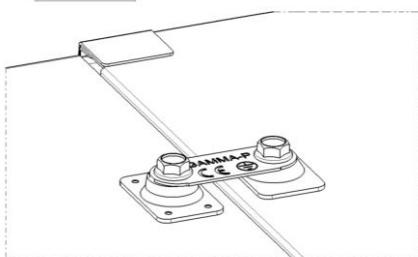
Flat bend height 50 are assembled using 6 screws M6x12 on the side and on the bottom.
The screws in the middle is optional up to and included width 300mm.



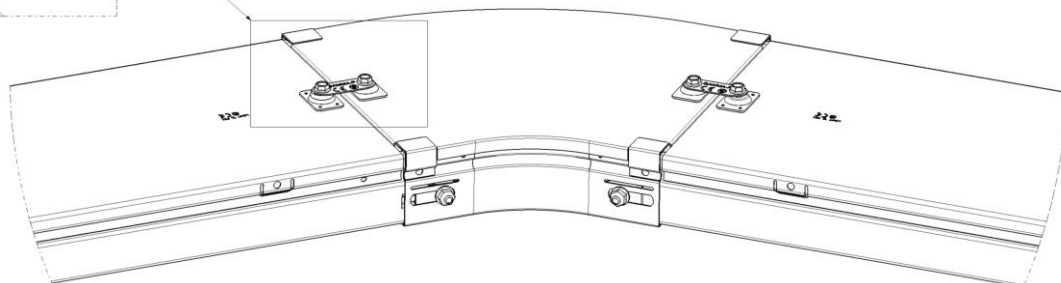
Detail A



Detail B

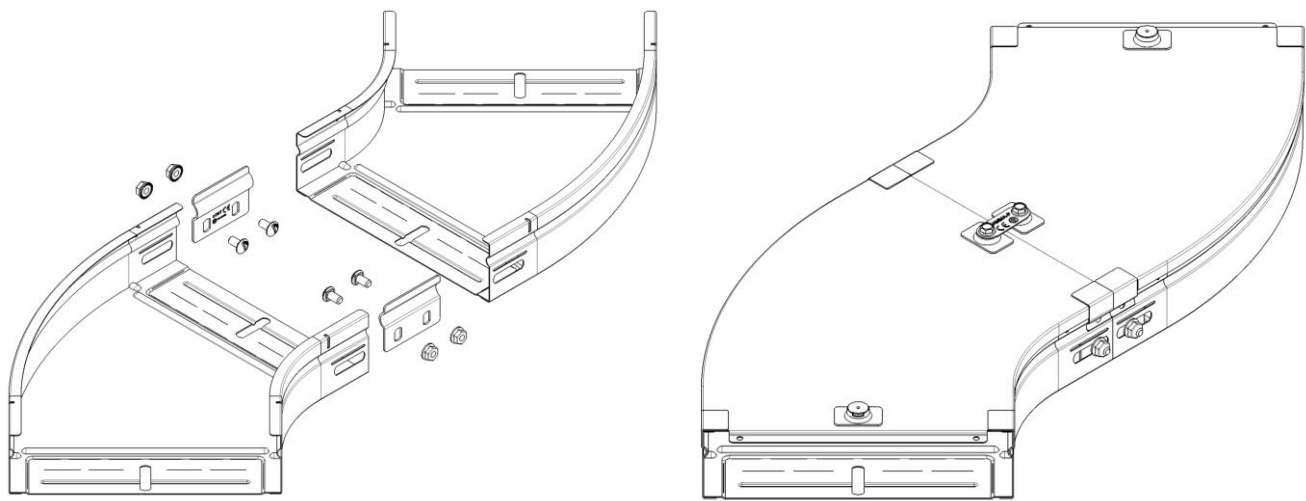


B



■ 5.3 Fitting to fitting

Slide together the two fittings and add 2pc of EA height 50-60 coupler (481562 / 482562) using 2 screws M6x12 on each coupler.



6. TECHNICAL DATA

■ 6.1 Climatic characteristics

Storage and operating temperature: - 20° C à + 120° C

■ 6.2 Material characteristics

Material finish	Material	Standard	Resistance class against corrosion
PG	DX51D + Z200	EN 10346	Classe 3 - CEI 61537
BLUE	DX51D + Z200	EN 10346	Classe 3 - CEI 61537
HDG	DC 01	EN 10130	Classe 6 - CEI 61537
SS304	X5CrNi18-10	EN 10 088-2	Classe 9A - CEI 61537
SS316L	X2CrNiMo17-12-2	EN 10 088-2	Classe 9B - CEI 61537

7. CONFORMITY - CERTIFICATION

Comply with CEI 61537 Cable tray systems
Certification: CE, IMQ