

P31 - INSIDE RISER 45° H50 + COVER

Reference(s): 4804../46/47/48/49/51/52/53
4814../47/48/49/50/51/52/53
4844../46/47/48/49/51/52/53



1. USE

Inside riser 45° in H50 with blind bottom.

2. RANGE BLIND

■ 2.1 Inside riser 45° H50 blind PG

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm²)	(inch²)
P31-INSIDE RISER 45D 50X100 PG	480446	100	3,94	0,42	0,93	0,7	0,03	PG	5181	8,03
P31-INSIDE RISER 45D 50X150 PG	480447	150	5,91	0,54	1,20	0,7	0,03	PG	7708	11,95
P31-INSIDE RISER 45D 50X200 PG	480448	200	7,87	0,67	1,47	0,7	0,03	PG	10273	15,92
P31-INSIDE RISER 45D 50X300 PG	480449	300	11,81	0,93	2,06	0,7	0,03	PG	15403	23,87
P31-INSIDE RISER 45D 50X400 PG	480451	400	15,75	1,17	2,57	0,7	0,03	PG	20533	31,83
P31-INSIDE RISER 45D 50X500 PG	480452	500	19,69	1,40	3,09	0,7	0,03	PG	25663	39,78
P31-INSIDE RISER 45D 50X600 PG	480453	600	23,62	1,63	3,60	0,7	0,03	PG	30793	47,73

■ 2.2 Inside riser 45° H50 blind HDG

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm²)	(inch²)
P31-INSIDE RISER 45D 50X100 HDG	481447	100	3,94	0,46	1,02	0,7	0,03	HDG	5181	8,03
P31-INSIDE RISER 45D 50X150 HDG	481448	150	5,91	0,60	1,32	0,7	0,03	HDG	7708	11,95
P31-INSIDE RISER 45D 50X200 HDG	481449	200	7,87	0,74	1,62	0,7	0,03	HDG	10273	15,92
P31-INSIDE RISER 45D 50X300 HDG	482450	300	11,81	1,03	2,27	0,7	0,03	HDG	15403	23,87
P31-INSIDE RISER 45D 50X400 HDG	482451	400	15,75	1,28	2,83	0,7	0,03	HDG	20533	31,83
P31-INSIDE RISER 45D 50X500 HDG	482452	500	19,69	1,54	3,40	0,7	0,03	HDG	25663	39,78
P31-INSIDE RISER 45D 50X600 HDG	482453	600	23,62	1,80	3,96	0,7	0,03	HDG	30793	47,73

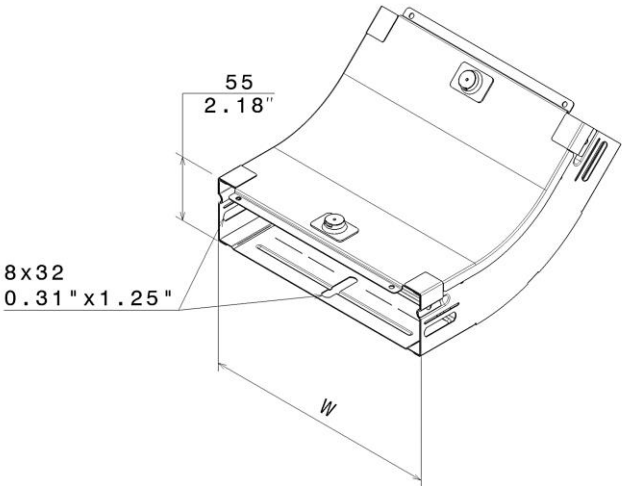
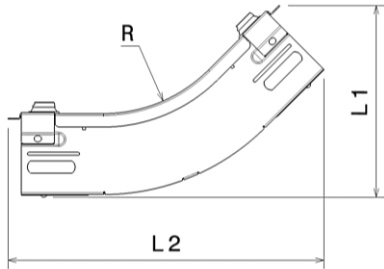
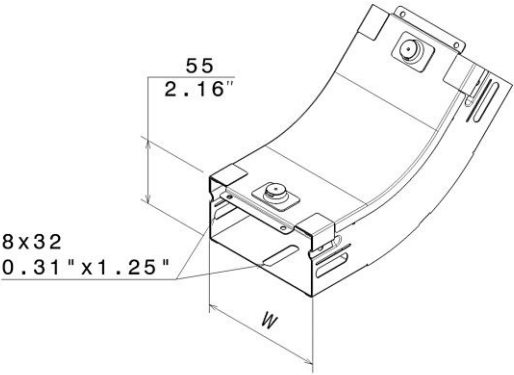
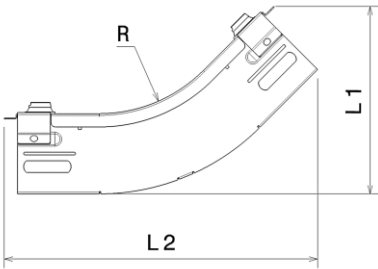
■ 2.3 Inside riser 45° H50 blind BLUE

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm²)	(inch²)
P31-INSIDE RISER 45D 50X100 BLUE	484446	100	3,94	0,42	0,93	0,7	0,03	BLUE	5181	8,03
P31-INSIDE RISER 45D 50X150 BLUE	484447	150	5,91	0,54	1,20	0,7	0,03	BLUE	7708	11,95
P31-INSIDE RISER 45D 50X200 BLUE	484448	200	7,87	0,67	1,47	0,7	0,03	BLUE	10273	15,92
P31-INSIDE RISER 45D 50X300 BLUE	484449	300	11,81	0,93	2,06	0,7	0,03	BLUE	15403	23,87
P31-INSIDE RISER 45D 50X400 BLUE	484451	400	15,75	1,17	2,57	0,7	0,03	BLUE	20533	31,83
P31-INSIDE RISER 45D 50X500 BLUE	484452	500	19,69	1,40	3,09	0,7	0,03	BLUE	25663	39,78
P31-INSIDE RISER 45D 50X600 BLUE	484453	600	23,62	1,63	3,60	0,7	0,03	BLUE	30793	47,73

3. DIMENSIONS (mm/inch)

■ 3.1 Fitting dimensions

Description	Width		Radius		L1		L2	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
P31-INSIDE RISER 45D 50X100	102	4,02	100	3,94	126	4,96	211	8,31
P31-INSIDE RISER 45D 50X150	152	5,98	100	3,94	126	4,96	211	8,31
P31-INSIDE RISER 45D 50X200	202	7,95	100	3,94	128	5,04	212	8,35
P31-INSIDE RISER 45D 50X300	302	11,89	100	3,94	128	5,04	212	8,35
P31-INSIDE RISER 45D 50X400	402	15,83	100	3,94	128	5,04	212	8,35
P31-INSIDE RISER 45D 50X500	502	19,76	100	3,94	128	5,04	212	8,35
P31-INSIDE RISER 45D 50X600	602	23,70	100	3,94	128	5,04	212	8,35



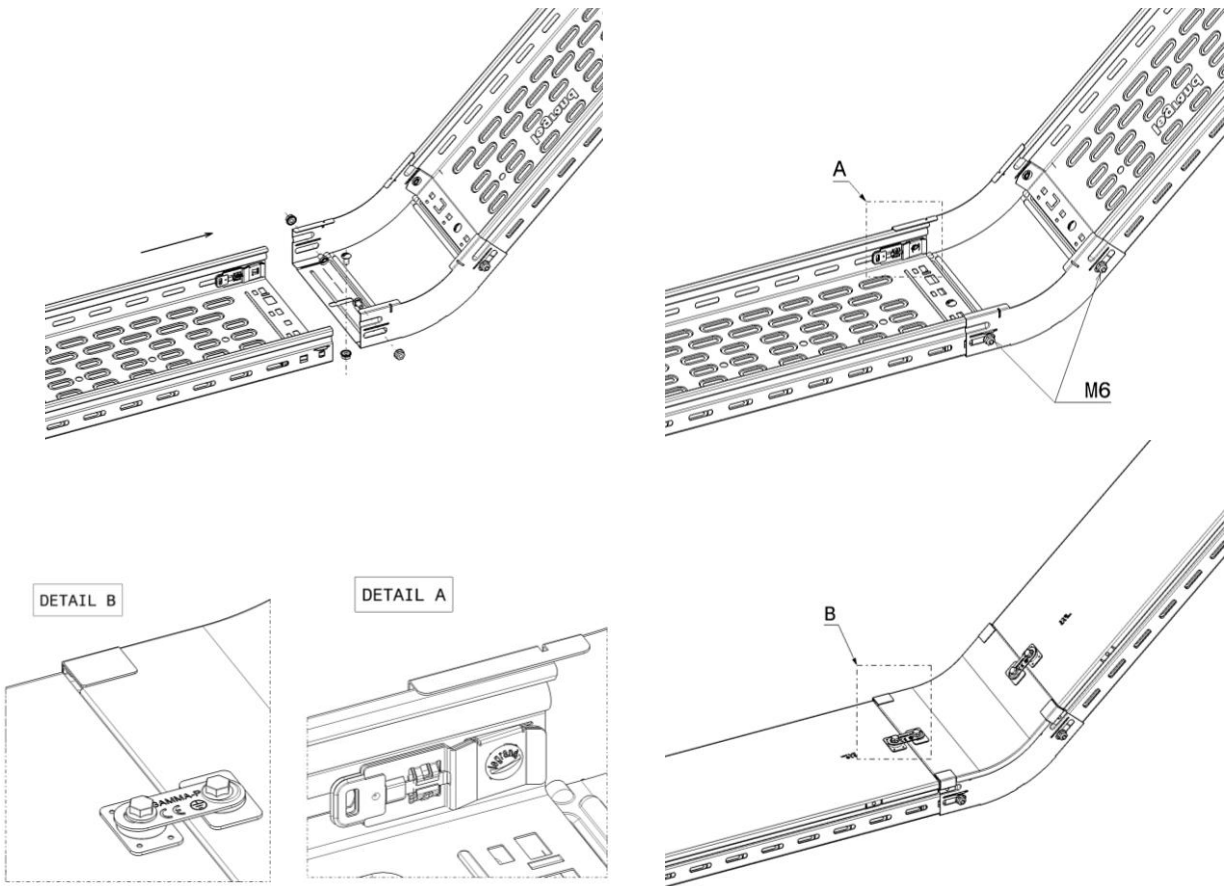
4. INSTALLATION

■ 4.1 Screw and tools

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

Inside riser 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.



5. TECHNICAL DATA

■ 5.1 Climatic characteristics

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

■ 5.2 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

6. CONFORMITY - CERTIFICATION

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