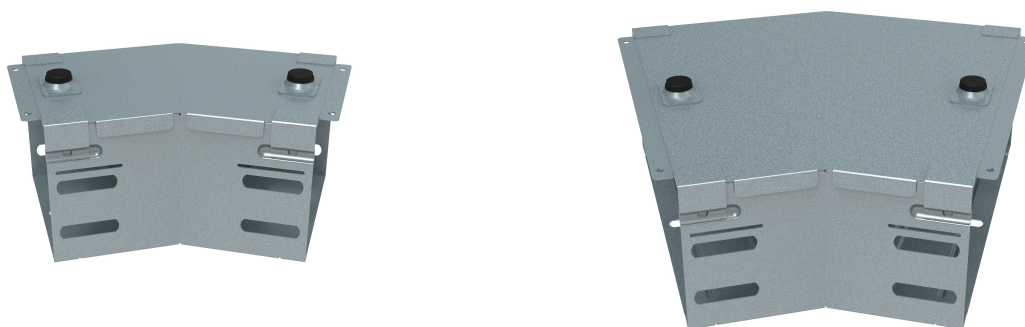


P31 - FLAT BEND 30° H75 + COVER

Reference(s): AL../075Z/100Z/150Z/200Z/300Z
AL../075C/100C/150C/200C/300C
AL../075G/100G/150G/200G/300G
AL../075L/100L/150L/200L/300L



1. USE

Flat bend 30° in H75 with blind bottom and cover

2. RANGE BLIND

■ 2.1 Flat bend 30° H75 + cover blind PG

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm ²)	(inch ²)
P31-FLAT BEND 30D 75X75 PG	AL075Z	77	3,03	0,37	0,82	0,7	0,03	PG	6107	9,47
P31-FLAT BEND 30D 75X100 PG	AL100Z	100	3,94	0,44	0,97	0,7	0,03	PG	7908	12,26
P31-FLAT BEND 30D 75X150 PG	AL150Z	150	5,91	0,58	1,28	0,7	0,03	PG	11823	18,33
P31-FLAT BEND 30D 75X200 PG	AL200Z	200	7,87	0,75	1,65	0,7	0,03	PG	15738	24,39
P31-FLAT BEND 30D 75X300 PG	AL300Z	300	11,81	1,13	2,49	0,7	0,03	PG	23568	36,53

■ 2.2 Flat bend 30° H75 + cover blind HDG

Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm ²)	(inch ²)
P31-FLAT BEND 30D 75X75 HDG	AL075C	77	3,03	0,41	0,90	0,7	0,03	HDG	6107	9,47
P31-FLAT BEND 30D 75X100 HDG	AL100C	100	3,94	0,48	1,06	0,7	0,03	HDG	7908	12,26
P31-FLAT BEND 30D 75X150 HDG	AL150C	150	5,91	0,64	1,41	0,7	0,03	HDG	11823	18,33
P31-FLAT BEND 30D 75X200 HDG	AL200C	200	7,87	0,82	1,81	0,7	0,03	HDG	15738	24,39
P31-FLAT BEND 30D 75X300 HDG	AL300C	300	11,81	1,24	2,73	0,7	0,03	HDG	23568	36,53

■ 2.3 Flat bend 30° H75 +cover blind BLUE

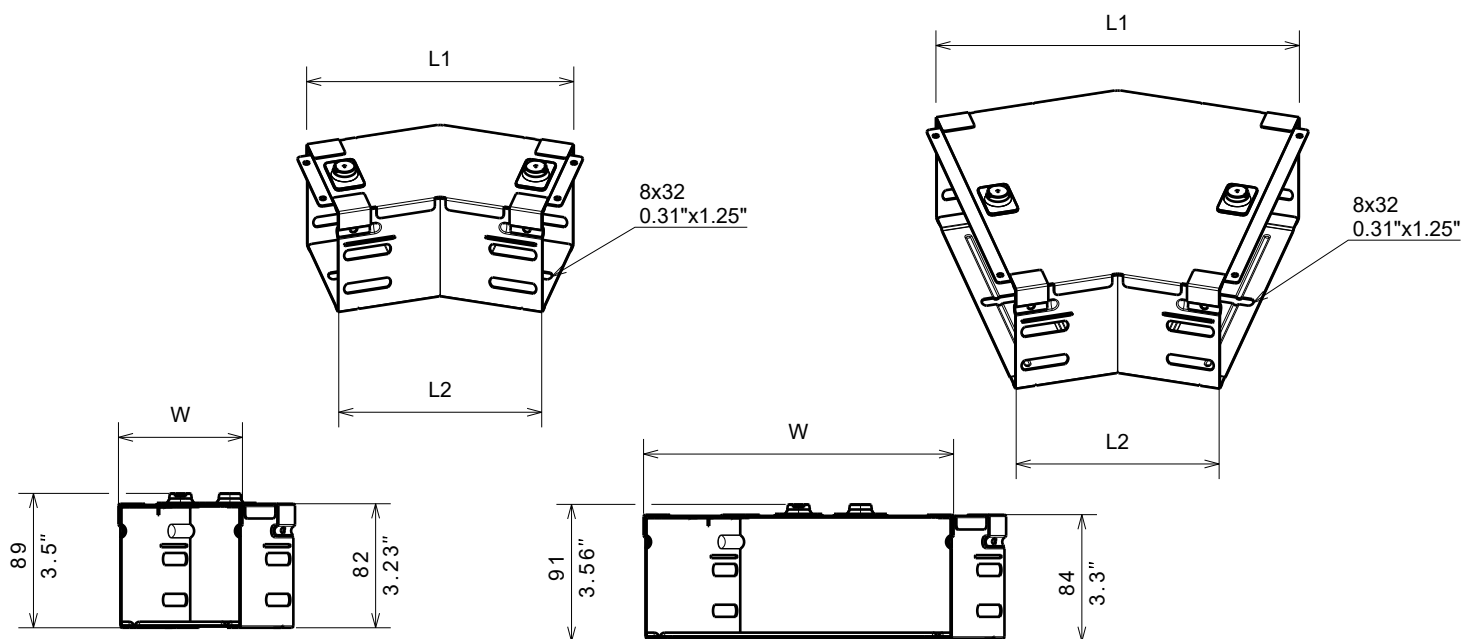
Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm ²)	(inch ²)
P31-FLAT BEND 30D 75X75 BLUE	AL075G	77	3,03	0,37	0,82	0,7	0,03	BLUE	6107	9,47
P31-FLAT BEND 30D 75X100 BLUE	AL100G	100	3,94	0,44	0,97	0,7	0,03	BLUE	7908	12,26
P31-FLAT BEND 30D 75X150 BLUE	AL150G	150	5,91	0,58	1,28	0,7	0,03	BLUE	11823	18,33
P31-FLAT BEND 30D 75X200 BLUE	AL200G	200	7,87	0,75	1,65	0,7	0,03	BLUE	15738	24,39
P31-FLAT BEND 30D 75X300 BLUE	AL300G	300	11,81	1,13	2,49	0,7	0,03	BLUE	23568	36,53

■ 2.4 Flat bend 30° H75 +cover blind SS316L

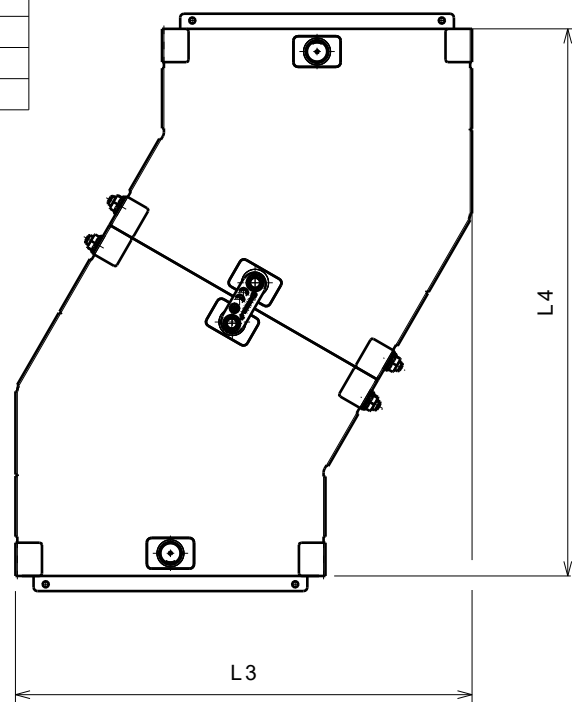
Description	Code	Width		Weight		Thickness		Coating	Section	
		(mm)	(inch)	(Kg)	(lb)	(mm)	(inch)		(mm ²)	(inch ²)
P31-FLAT BEND 30D 75X75 SS 316L	AL075L	77	3,03	0,37	0,82	0,7	0,03	SS 316L	6107	9,47
P31-FLAT BEND 30D 75X100 SS 316L	AL100L	100	3,94	0,44	0,97	0,7	0,03	SS 316L	7908	12,26
P31-FLAT BEND 30D 75X150 SS 316L	AL150L	150	5,91	0,58	1,28	0,7	0,03	SS 316L	11823	18,33
P31-FLAT BEND 30D 75X200 SS 316L	AL200L	200	7,87	0,75	1,65	0,7	0,03	SS 316L	15738	24,39
P31-FLAT BEND 30D 75X300 SS 316L	AL300L	300	11,81	1,13	2,49	0,7	0,03	SS 316L	23568	36,53

3. DIMENSIONS (mm/inch)**■ 3.1 Fitting dimension**

Description	Width		L1		L2	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
P31-FLAT BEND 30D 75X75	82	3,23	177	6,97	134	5,28
P31-FLAT BEND 30D 75X100	105	4,13	188	7,40	134	5,28
P31-FLAT BEND 30D 75X150	155	6,10	214	8,43	134	5,28
P31-FLAT BEND 30D 75X200	205	8,07	240	9,45	134	5,28
P31-FLAT BEND 30D 75X300	305	12,01	292	11,50	134	5,28

**■ 3.2 Fitting to fitting dimension**

Description	L3		L4	
	(mm)	(inch)	(mm)	(inch)
P31-FLAT BEND 30D 75X75	162	6,38	300	11,81
P31-FLAT BEND 30D 75X100	188	7,40	311	12,24
P31-FLAT BEND 30D 75X150	245	9,65	337	13,27
P31-FLAT BEND 30D 75X200	302	11,89	362	14,25
P31-FLAT BEND 30D 75X300	415	16,34	412	16,22



4. INSTALLATION

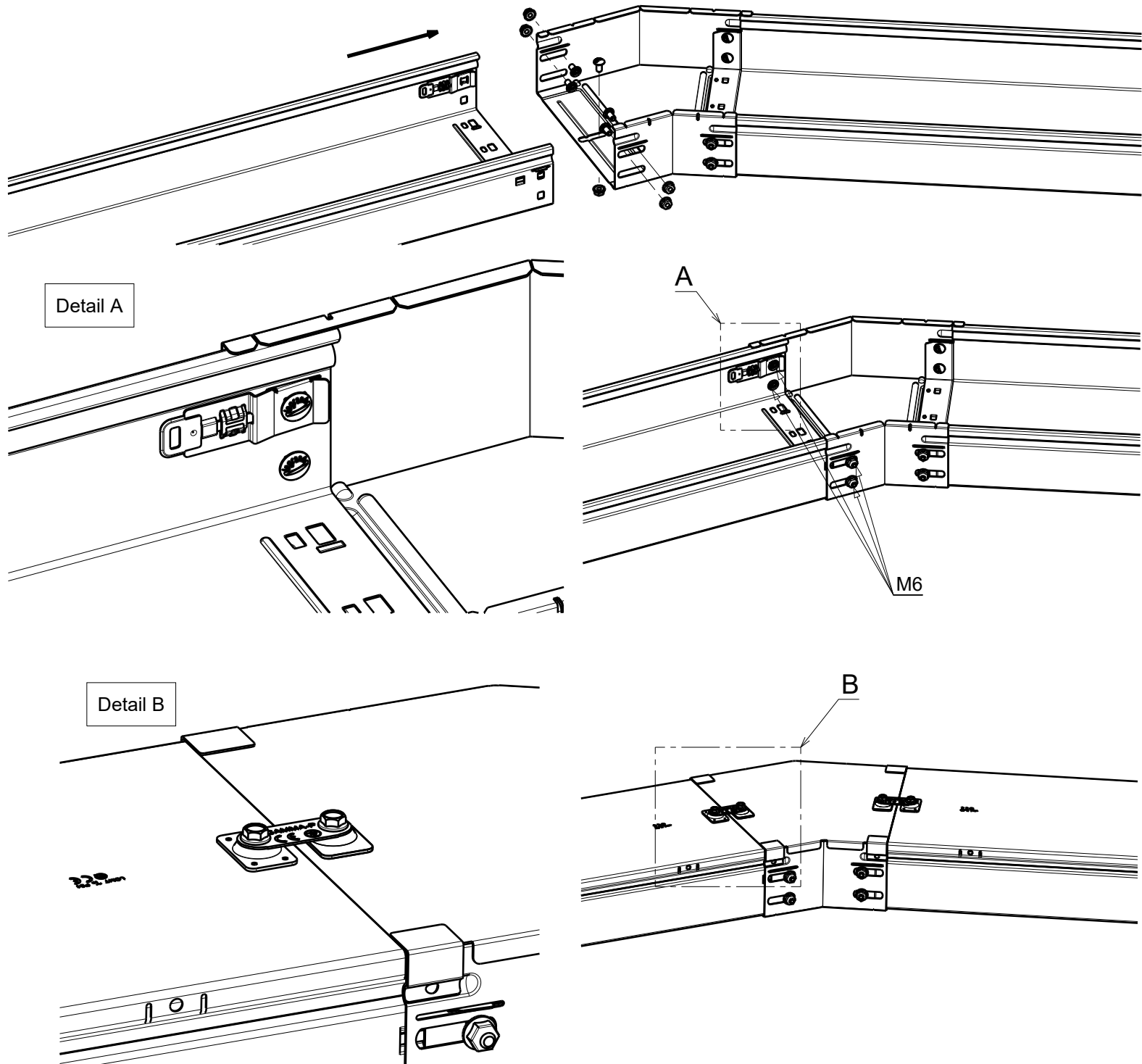
■ 4.1 Screw

Use screws M6x12 tightened at 11Nm

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

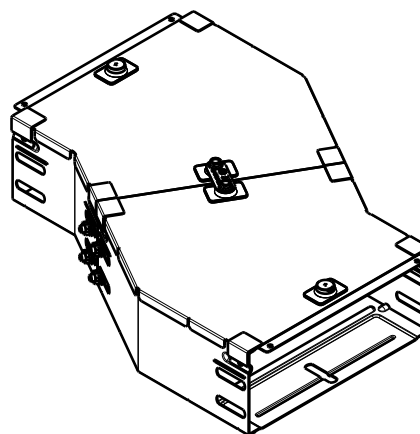
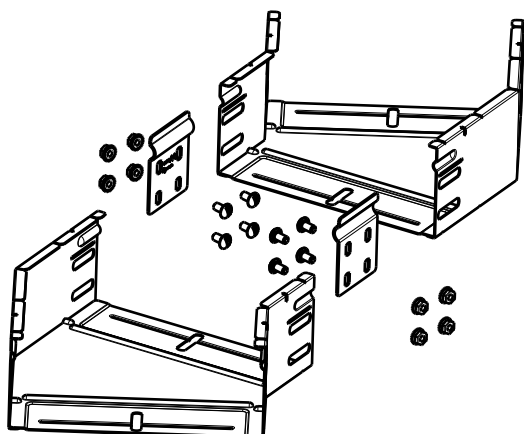
■ 4.2 Fitting to cable tray

Flat bend height 75 are assembled using 10 screws M6x12 on the side and on the bottom.
The screws in the middle are optional up to and included width 300mm.



■ 5.3 Fitting to fitting

Slide together the two fittings and add 2pc of EA height 75-100 coupler (X9G71Z,C,L) using 4 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	EN10346	Classe 3 - CEI 61537
HDG	DC 01	EN 10130	Classe 6 - 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