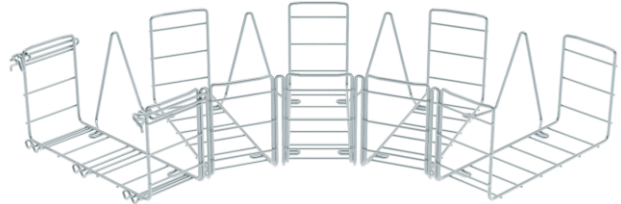
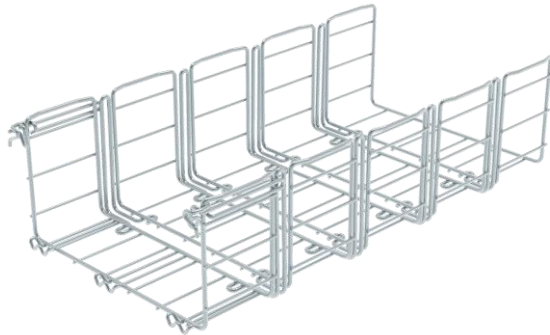


CABLOBEND H150

Reference(s) : 220 /981/951/961/971/986/956/966 /976/988/958/968/978
221 /011/021/041/016/026/046/018 /028/048



1. USE

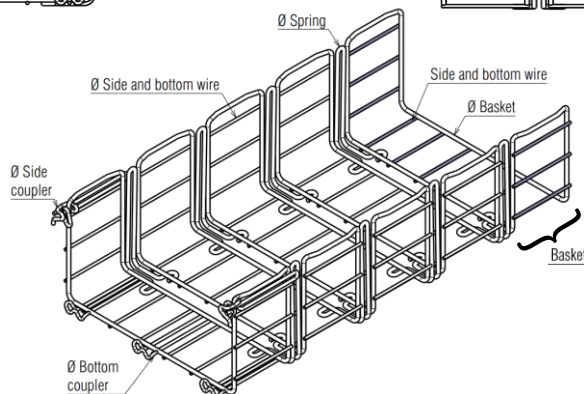
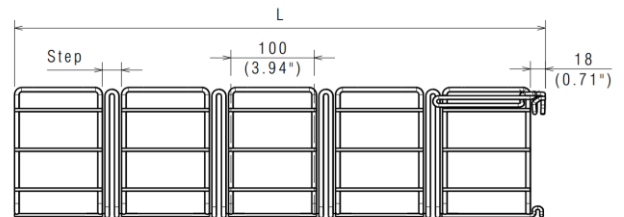
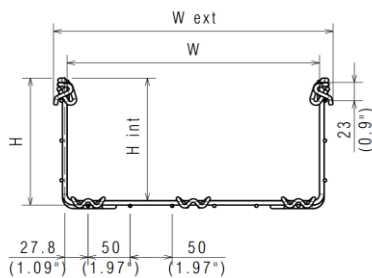
An automatic coupling flexible wiremesh accessory compatible with Fasclit+ and Cablofil wire mesh lengths.


2. RANGE

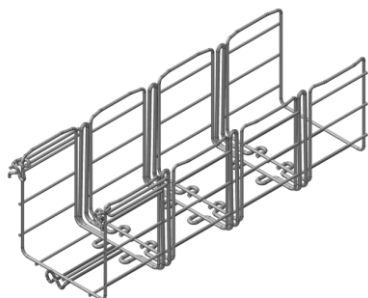
Designation	W		EZ			HR			SS304L		
	(mm)	(inch)	CODE	Weight		CODE	Weight		CODE	Weight	
				(Kg)	(LBS)		(Kg)	(LBS)		(Kg)	(LBS)
CBB - 150/150	150	5,9	220981	1,6	0,70	220986	1,6	0,70	220988	1,3	0,4
CBB - 150/200	200	7,9	220951	2,0	0,93	220956	2,0	0,93	220958	1,8	0,5
CBB - 150/300	300	11,8	220961	2,9	1,31	220966	2,9	1,31	220968	2,6	0,7
CBB - 150/400	400	15,7	220971	3,8	1,72	220976	3,8	1,72	220978	3,4	1,3
CBB - 150/450	450	17,7	221011	4,6	2,09	221016	4,6	2,09	221018	4,2	1,5
CBB - 150/500	500	19,7	221021	4,9	2,20	221026	4,9	2,20	221028	4,4	1,7
CBB - 150/600	600	23,6	221041	6,0	2,74	221046	6,0	2,74	221048	5,6	2,1


3. DIMENSIONS (mm/inch)

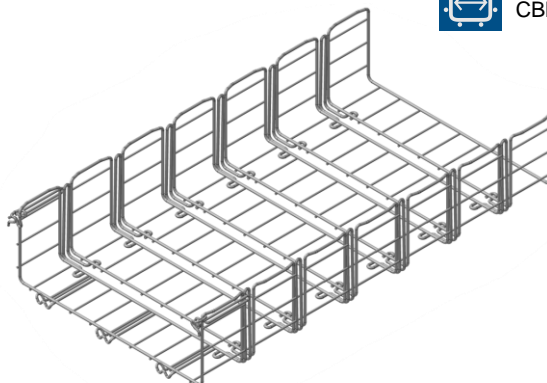
Designation	W ext		W		H		H int		Step		L		Number of Basket	Ø Basket		Ø Spring		Ø Side coupler		Ø Bottom coupler		Ø Side and bottom wire	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)		(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
CBB - 150/150	180	7,09	150	5,89	165	6,50	150	5,91	23	0,91	511	20,12	4	4,4	0,17	5,5	0,22	4,7	0,19	4,7	0,19	3,9	0,15
CBB - 150/200	230	9,06	200	7,87	165	6,50	150	5,91	23	0,91	511	20,12	4	5,5	0,22	5,5	0,22	4,7	0,19	4,7	0,19	3,9	0,15
CBB - 150/300	335	13,19	300	11,81	165	6,50	150	5,91	23	0,91	640	25,20	5	5,5	0,22	5,5	0,22	4,7	0,19	4,7	0,19	3,9	0,15
CBB - 150/400	435	17,13	400	15,75	165	6,50	150	5,91	23	0,91	768	30,24	6	5,5	0,22	5,5	0,22	4,7	0,19	4,7	0,19	3,9	0,15
CBB - 150/450	485	19,09	450	17,72	165	6,50	150	5,91	23	0,91	897	35,31	7	5,5	0,22	5,5	0,22	4,7	0,19	4,7	0,19	3,9	0,15
CBB - 150/500	535	21,06	500	19,69	165	6,50	150	5,91	23	0,91	897	35,31	7	5,5	0,22	5,5	0,22	4,7	0,19	4,7	0,19	3,9	0,15
CBB - 150/600	635	25	600	23,62	165	6,50	150	5,91	23	0,91	1025	40,35	8	5,5	0,22	5,5	0,22	4,7	0,19	4,7	0,19	3,9	0,15




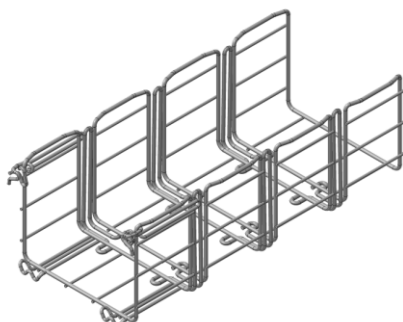
 CBB 150/150 – 220 981




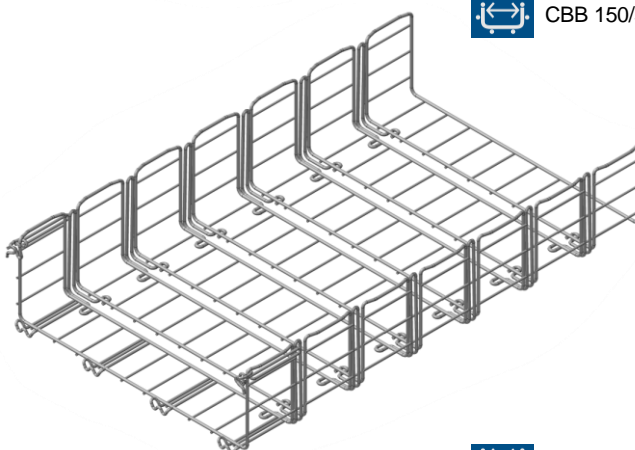
 CBB 150/450 – 221 011




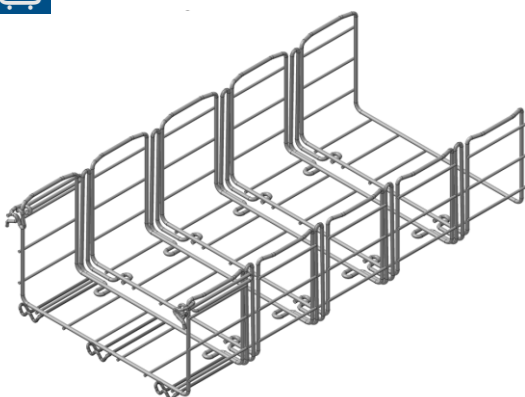
 CBB 150/200 – 220 951




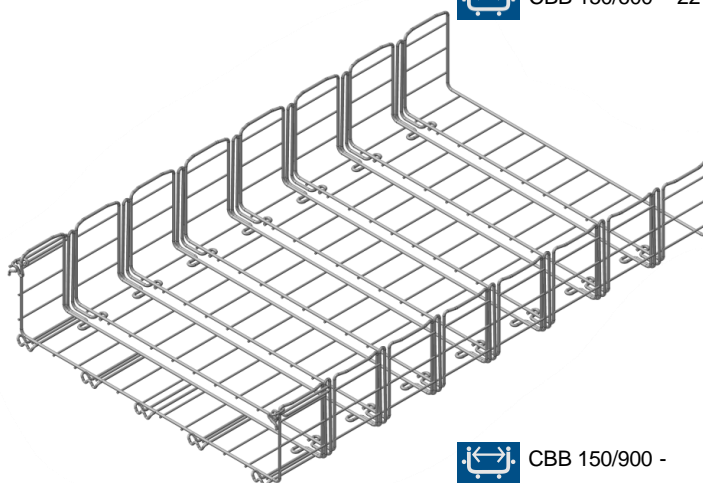
 CBB 150/500 – 221 021




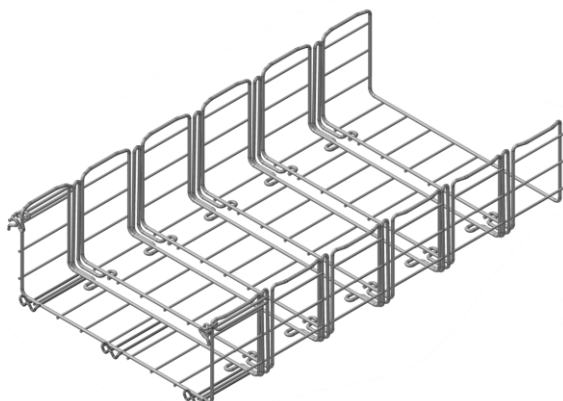
 CBB 150/300 – 220 961



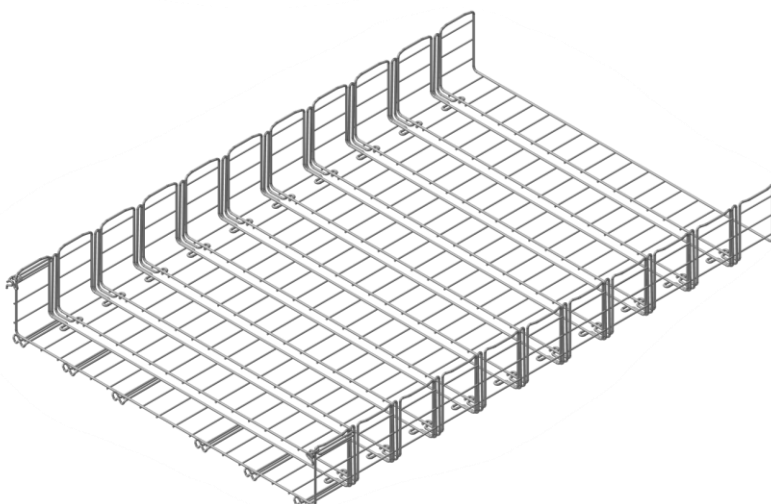
 CBB 150/600 – 221 041



 CBB 150/400 – 220 971

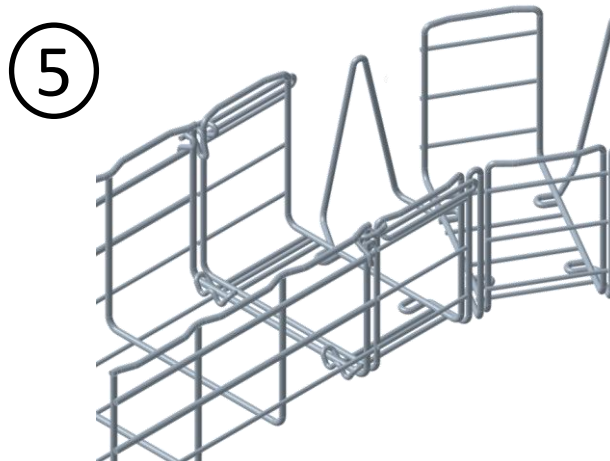
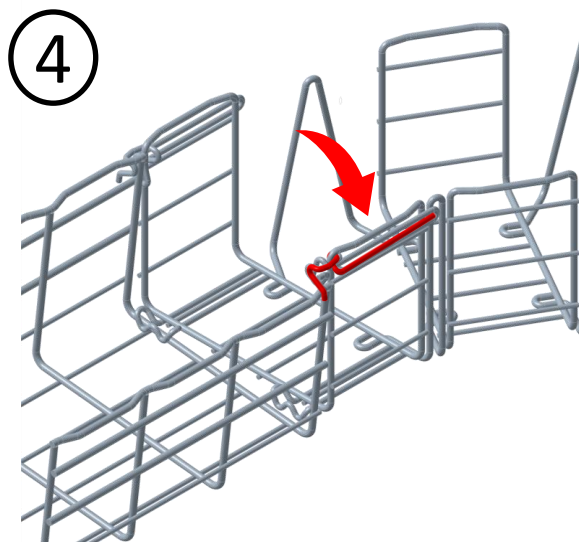
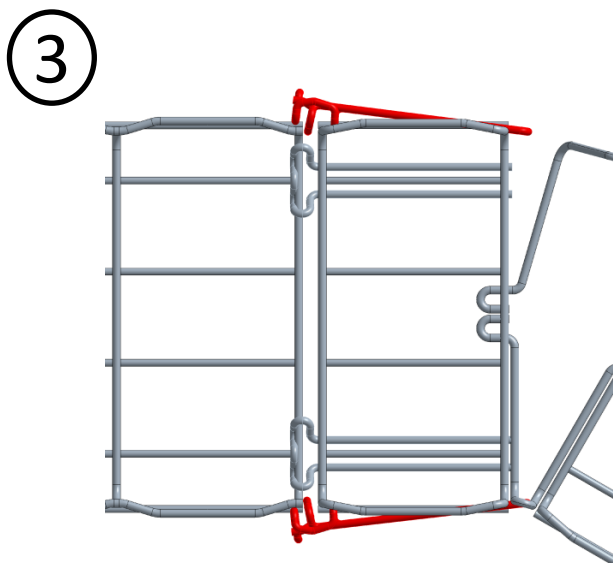
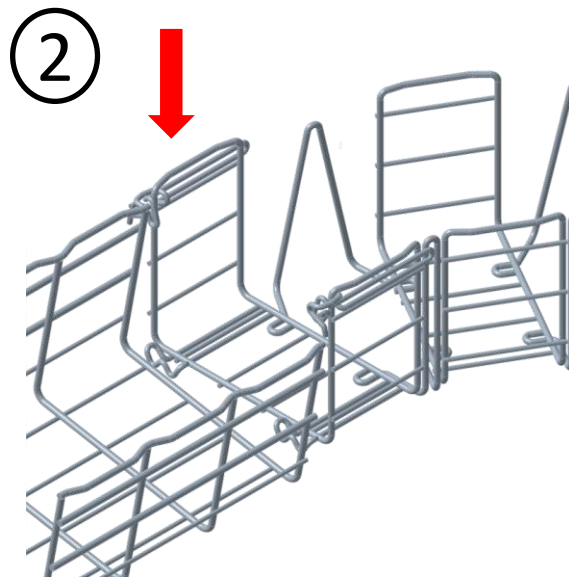
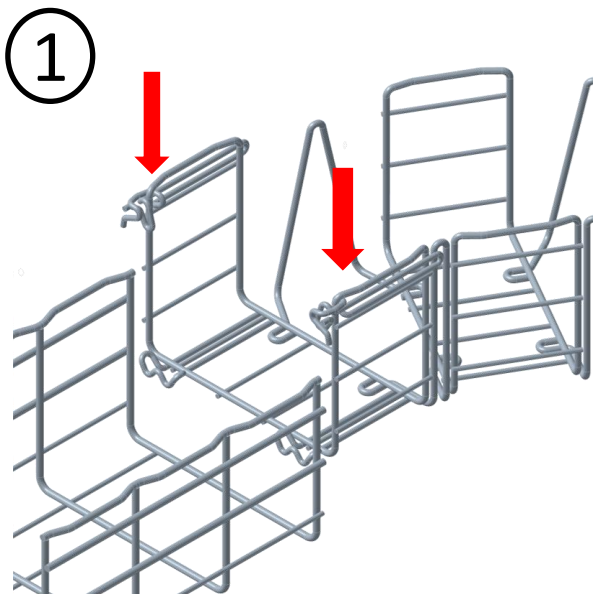


 CBB 150/900 -

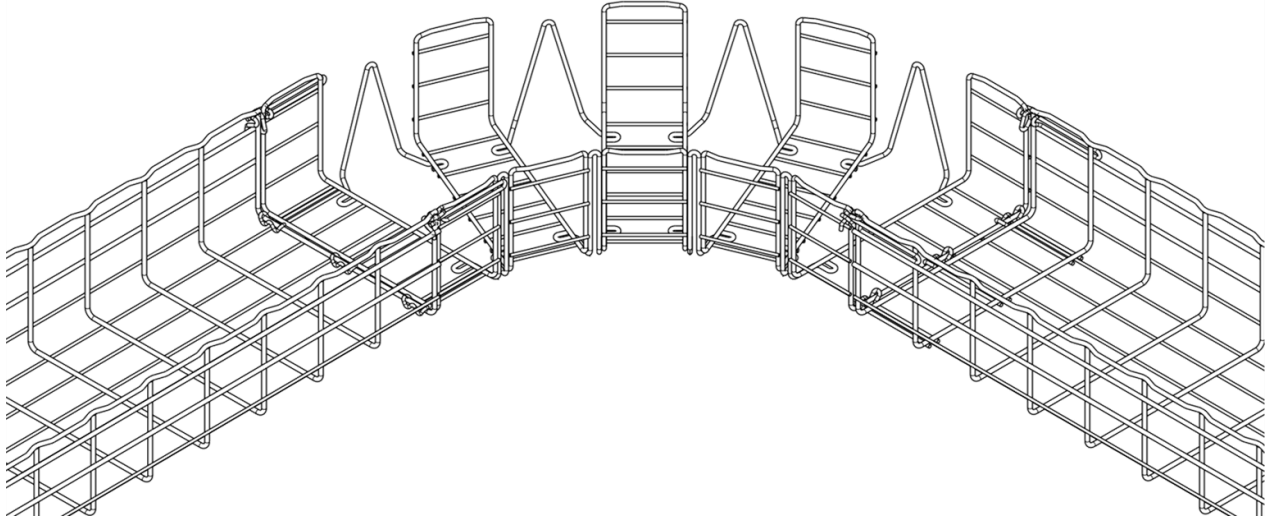


4. INSTALLATION

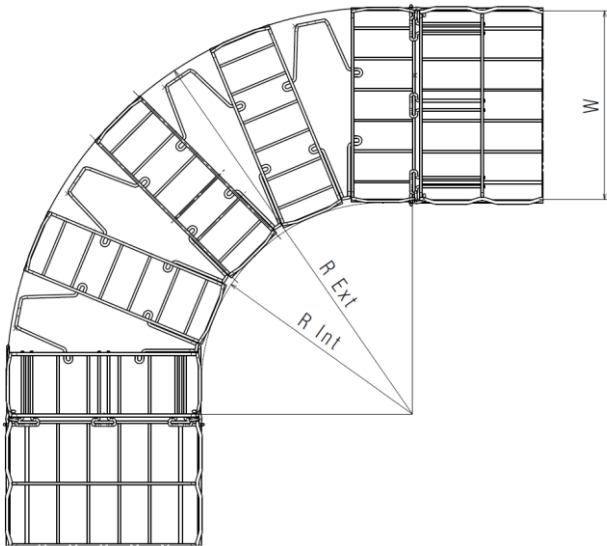
■ 4.1 FC+/CF



■ 4.2 Flat Bend



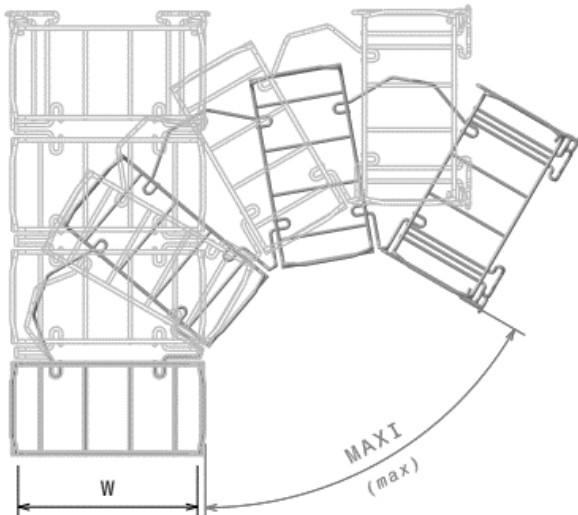
■ 4.2.1 90° Configuration



* Following dimensions refer to Flat Bend 90° configuration only

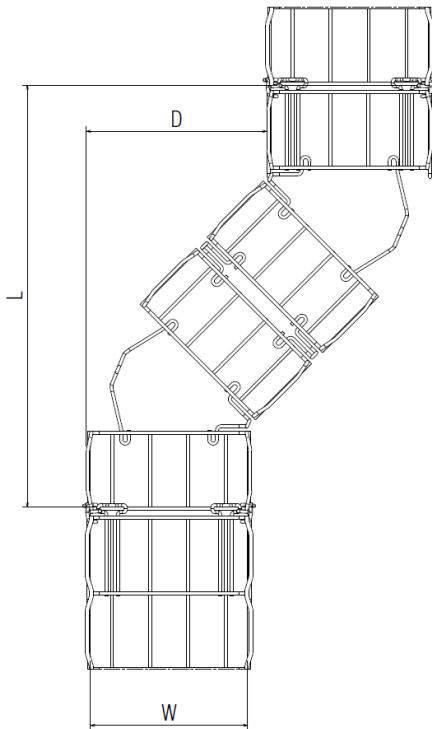
Width		Internal Radius		External Radius	
W		R Int		R Ext	
(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
100	3,94	225	8,86	325	12,80
150	5,91	295	11,61	445	17,52
200	7,87	295	11,61	495	19,49
300	11,81	370	14,57	670	26,38
400	15,75	440	17,32	840	33,07
450	17,72	510	20,08	960	37,80
500	19,69	510	20,08	1010	39,76
600	23,62	600	23,62	1200	47,24

■ 4.2.2 Maximum angles configuration



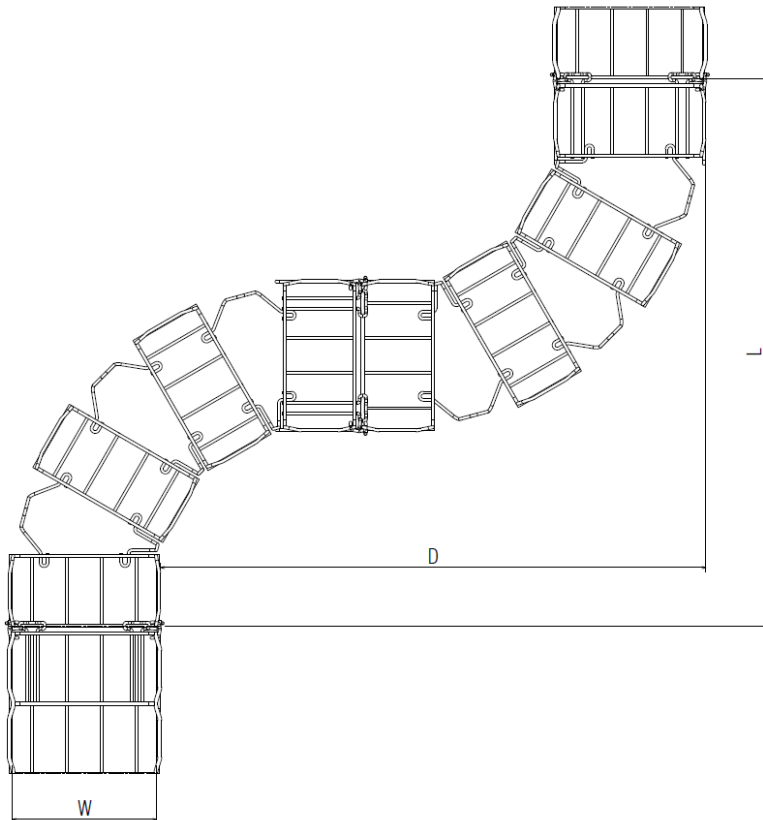
Width		Angle	
W		MAXI	
(mm)	(inch)	(Degrees)	(Radians)
100	3,94	120	2,09
150	5,91	120	2,09
200	7,87	120	2,09
300	11,81	110	1,92
400	15,75	110	1,92
450	17,72	110	1,92
500	19,69	110	1,92
600	23,62	110	1,92

■ 4.2.3 Clever configuration



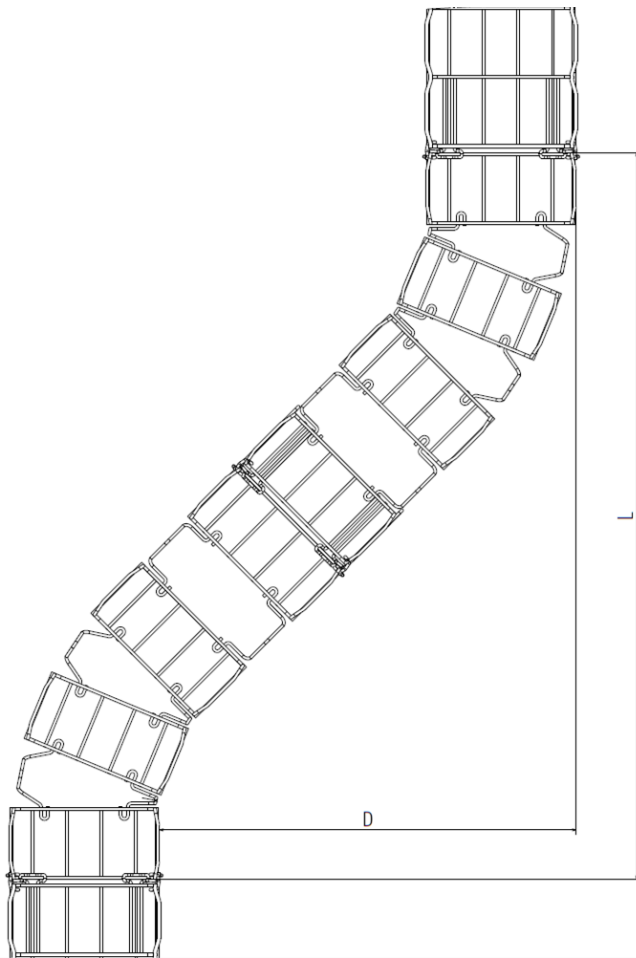
Width		Distance		Length	
W		D		L	
(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
100	3,94	85	3,35	415	16,34
150	5,91	175	6,89	550	21,65
200	7,87	175	6,89	600	23,62
300	11,81	200	7,87	710	27,95
400	15,75	200	7,87	900	35,43
450	17,72	260	10,24	1030	40,55
500	19,69	260	10,24	1080	42,52
600	23,62	260	10,24	1175	46,26

■ 4.2.4 Double 90° configuration



Width		Distance/Length	
W		D/L	
(mm)	(inch)	(mm)	(inch)
100	3,94	550	21,65
150	5,91	740	29,13
200	7,87	790	31,10
300	11,81	1040	40,94
400	15,75	1280	50,39
450	17,72	1470	57,87
500	19,69	1520	59,84
600	23,62	1800	70,87

■ 4.2.5 Duo Clever Configurations

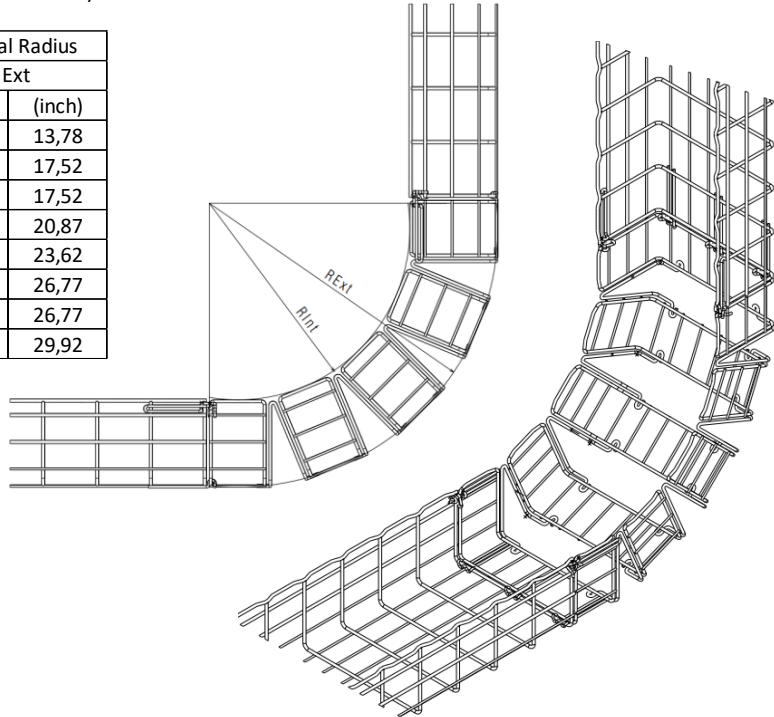


Width		Distance		Length	
W		D		L	
(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
100	3,94	295	11,61	710	27,95
150	5,91	400	15,75	1010	39,76
200	7,87	600	23,62	1060	41,73
300	11,81	700	27,56	1330	52,36
400	15,75	850	33,46	1660	65,35
450	17,72	960	37,80	1920	75,59
500	19,69	975	38,39	1950	76,77
600	23,62	1100	43,31	2250	88,58

■ 4.3 Inside Riser

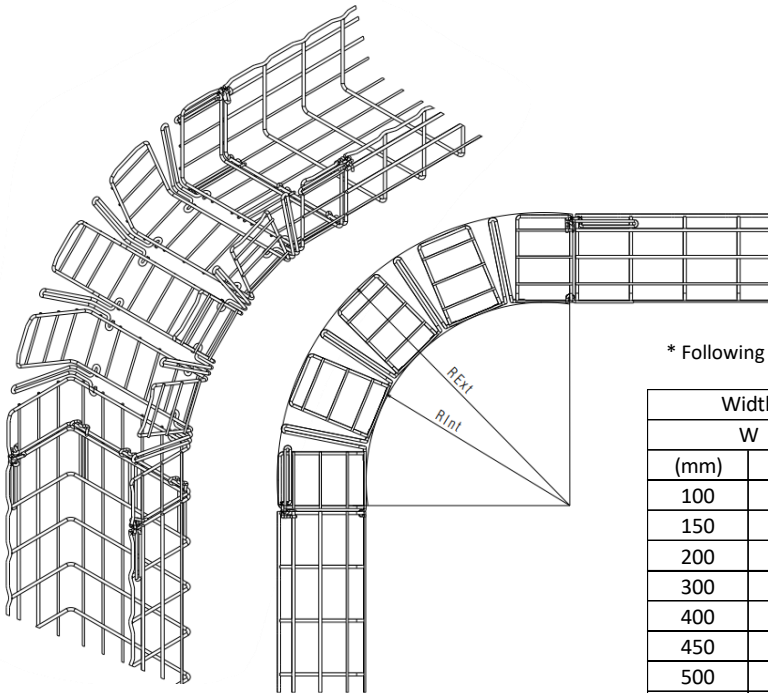
* Following dimensions refer to Inside Riser 90° configuration only

Width		Internal Radius		External Radius	
W		R Int		R Ext	
(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
100	3,94	185	7,28	350	13,78
150	5,91	280	11,02	445	17,52
200	7,87	280	11,02	445	17,52
300	11,81	365	14,37	530	20,87
400	15,75	435	17,13	600	23,62
450	17,72	515	20,28	680	26,77
500	19,69	515	20,28	680	26,77
600	23,62	595	23,43	760	29,92



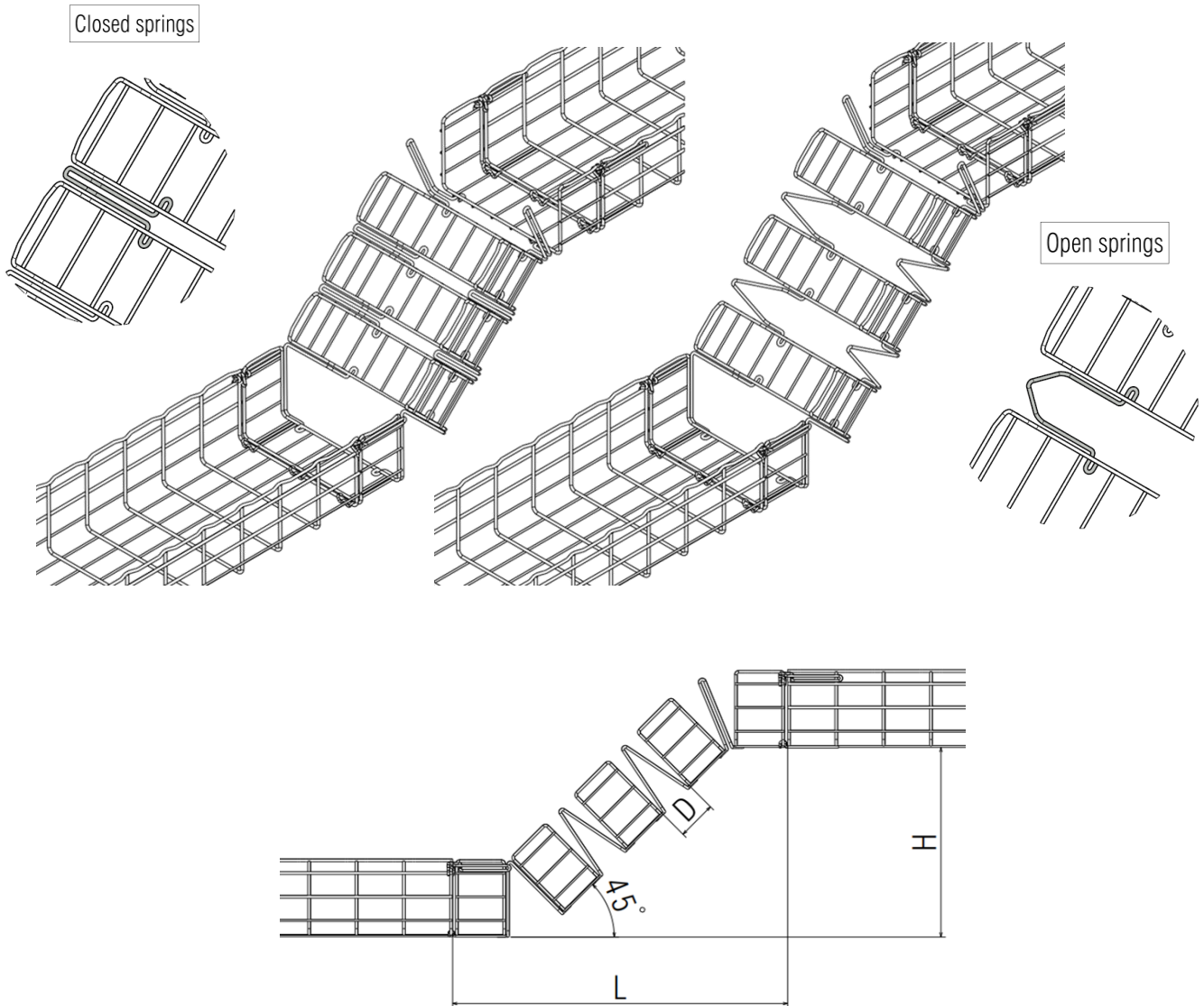
■ 4.4 Outside Riser

* Following dimensions refer to Outside Riser 90° configuration only



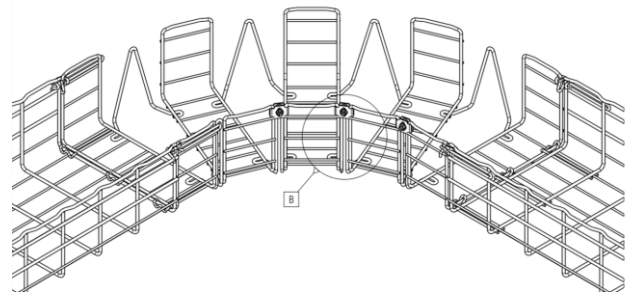
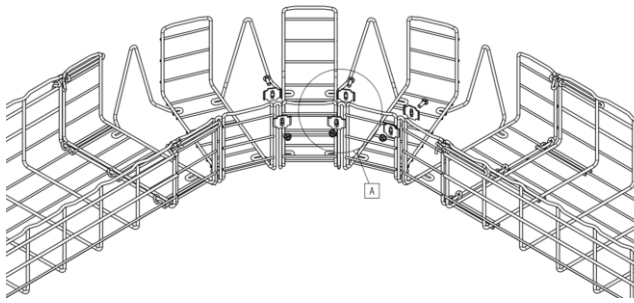
Width		Internal Radius		External Radius	
W		R Int		R Ext	
(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
100	3,94	200	7,87	365	14,37
150	5,91	370	14,57	535	21,06
200	7,87	370	14,57	535	21,06
300	11,81	390	15,35	555	21,85
400	15,75	485	19,09	650	25,59
450	17,72	560	22,05	725	28,54
500	19,69	560	22,05	725	28,54
600	23,62	610	24,02	775	30,51

■ 4.5 Flexible Riser



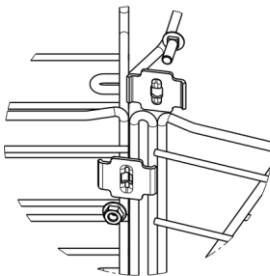
W		Number of Basket	Mode	D distance		L		H	
(mm)	(inch)			(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
100	3,94	3	Closed springs	---	---	443	17,44	147	5,79
			Open springs						
150	5,91	4	Closed springs	23	0,91	534	21,02	238	9,37
			Open springs	82	3,23	575	22,64	280	11,02
200	7,87	4	Closed springs	23	0,91	534	21,02	238	9,37
			Open springs	82	3,23	575	22,64	280	11,02
300	11,81	5	Closed springs	23	0,91	625	24,61	329	12,95
			Open springs	82	3,23	708	27,87	412	16,22
400	15,75	6	Closed springs	23	0,91	715	28,15	420	16,54
			Open springs	82	3,23	841	33,11	545	21,46
450	17,72	7	Closed springs	23	0,91	806	31,73	511	20,12
			Open springs	82	3,23	973	38,31	677	26,65
500	19,69	7	Closed springs	23	0,91	806	31,73	511	20,12
			Open springs	82	3,23	973	38,31	677	26,65
600	23,62	8	Closed springs	23	0,91	897	35,31	601	23,66
			Open springs	82	3,23	1106	43,54	810	31,89

■ 4.6 CE35 as an internal radius



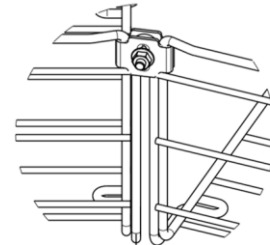
558 180 (PG)

Detail A



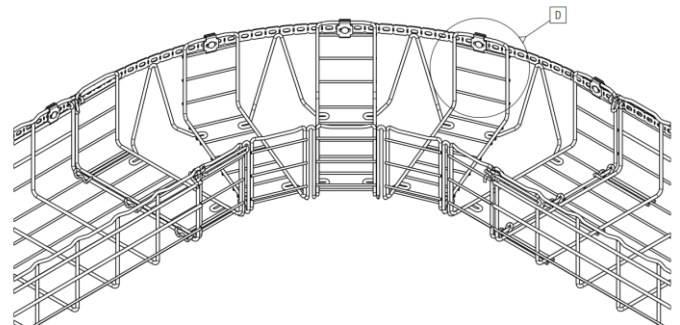
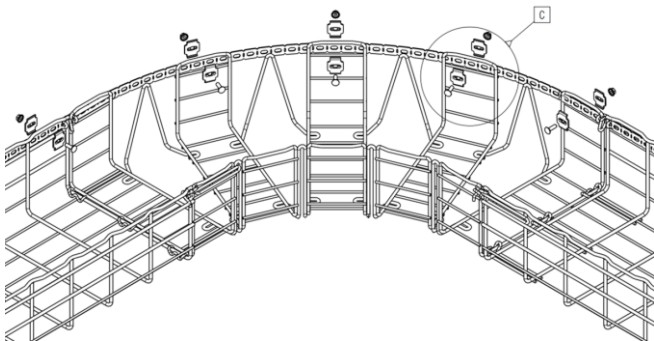
Width W		Number of CE35 on internal
(mm)	(inch)	
100	3,64	1
150	5,91	2
200	7,87	2
300	11,81	3
400	15,57	4
450	17,72	5
500	19,69	5
600	23,62	6

Detail B



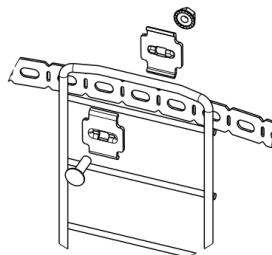
■ 4.7 Reinforcement Strip as an external radius

Fixed by a CE35



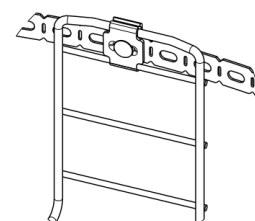
350 461 (PG)

Detail C



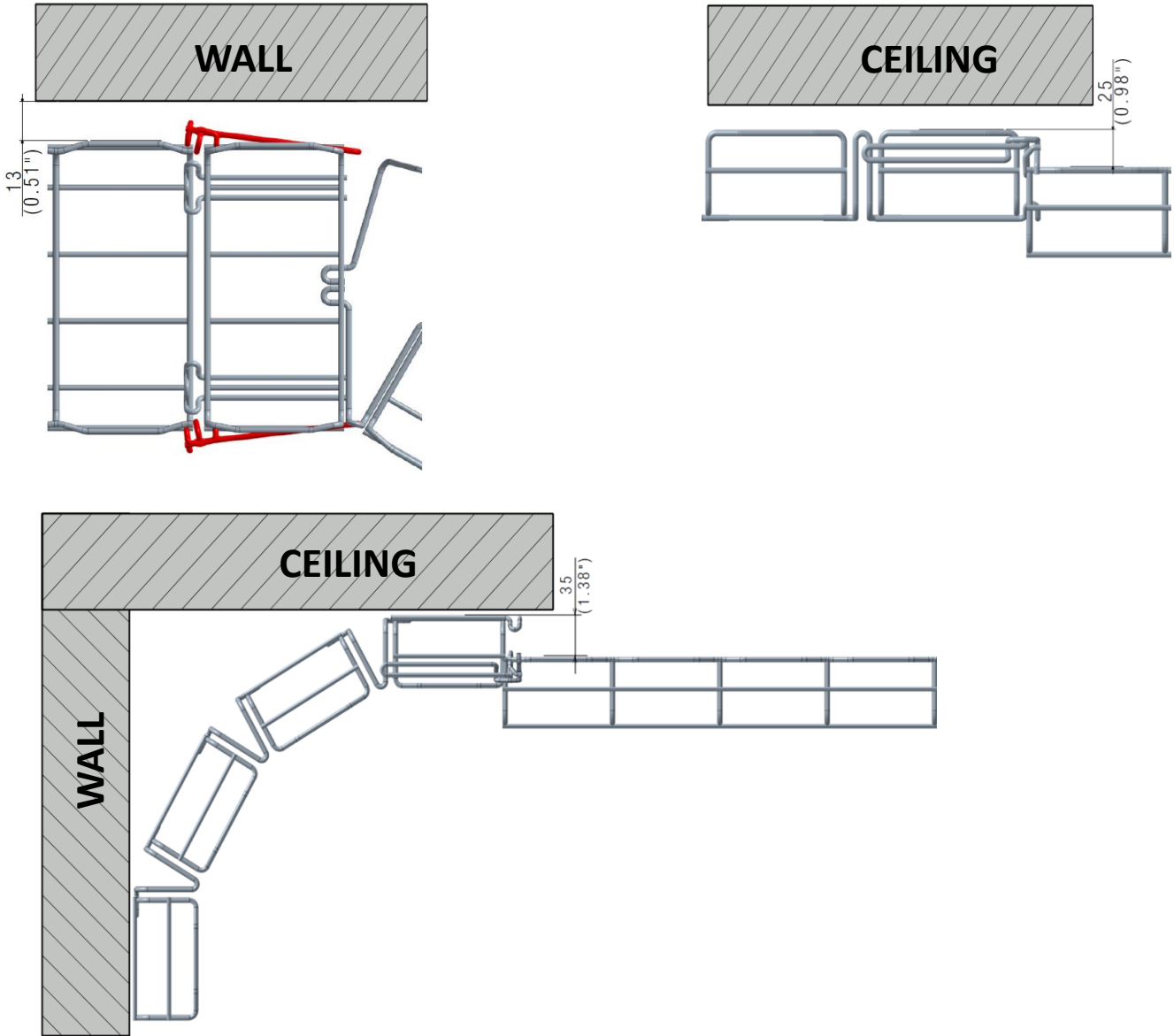
Width W		Number of CE35 on external radius
(mm)	(inch)	
100	3,64	4
150	5,91	5
200	7,87	5
300	11,81	6
400	15,57	7
450	17,72	8
500	19,69	8
600	23,62	9

Detail D



■ 4.8 Installation Wall / Ceiling

Dimensions to be left that allow assembly with Wall and Ceiling



5. TECHNICAL DATA

■ 5.1 Material characteristics

Material finish	Resistance class against corrosion	Material	Material standard
EZ	Class 3 / IEC 61537	C9D	EN ISO 1 61 20-2
HR	Class 8 / IEC 61537	C9D	EN ISO 1 61 20-2
SS304L	Class 9C/IEC 61537	X2 Cr Ni 18-9	EN 10 088-3

■ 5.2 Climatic characteristics

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

6. CONFORMITIES

Electrical continuity

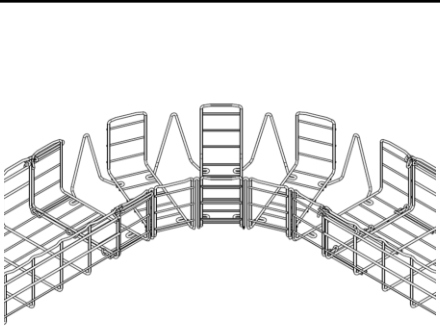
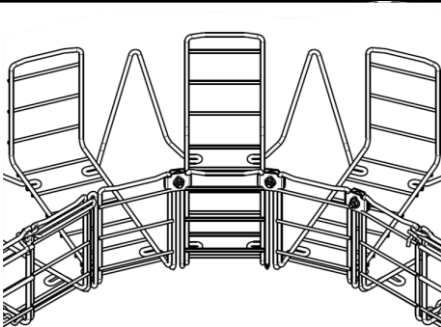
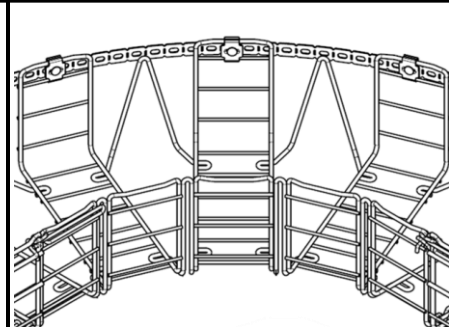
- Following IEC 61537

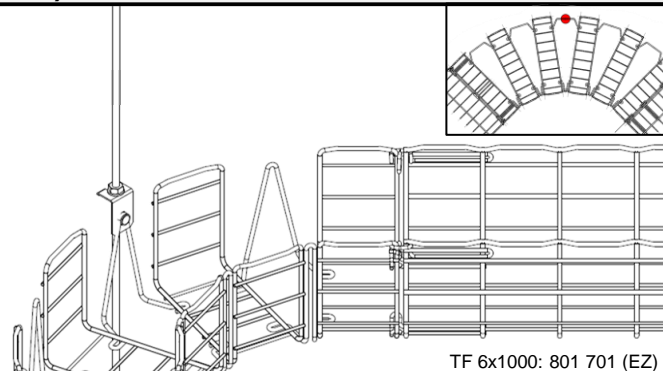
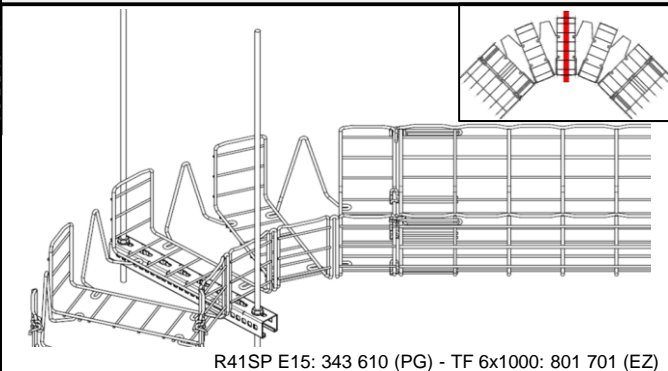
Comply with IEC 61537 Cable tray system

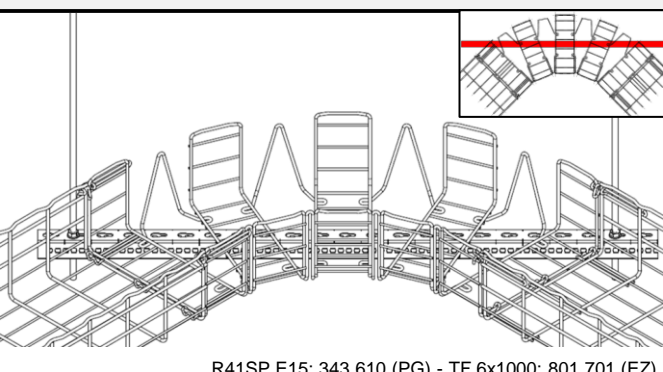
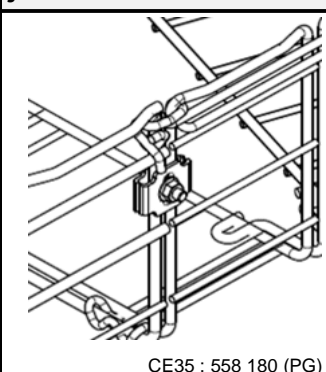
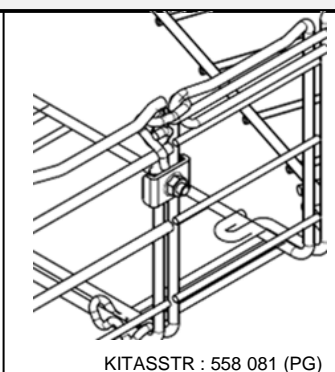
7. CAPACITY

CBB 150 CABLOBEND SETUP

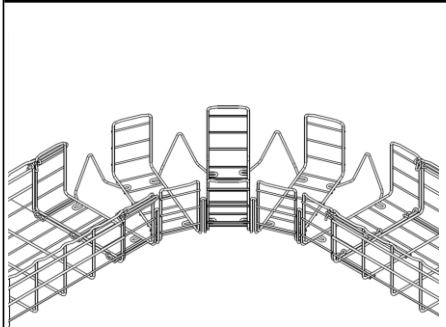
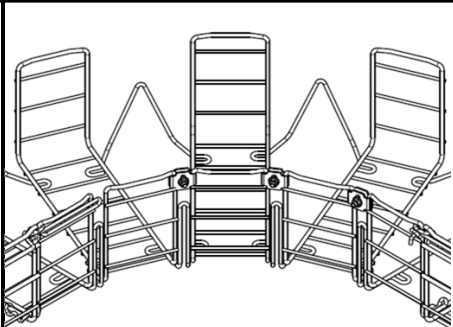
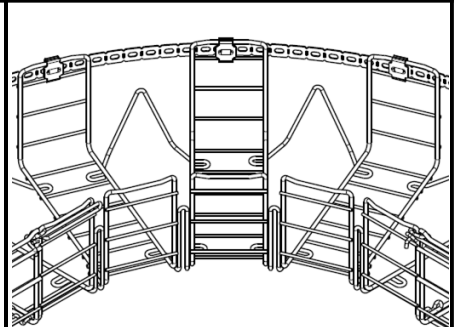
H mm	l mm	F (daN/m)	Possible configuration of installation	
			Version 1	Version 2
150	150	56	③	-
	200	94	② + ③	-
	300	113	⑤	-
	400	130	② + ③ + ⑤	⑦
	450	130	② + ③ + ⑤	⑦
	500	130	② + ③ + ⑤	⑦
	600	130	⑥ + ⑦	-

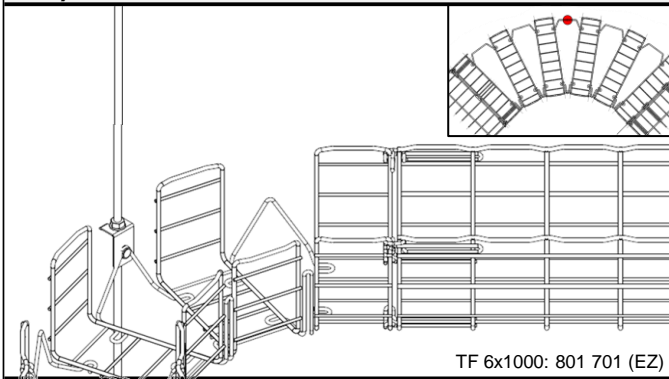
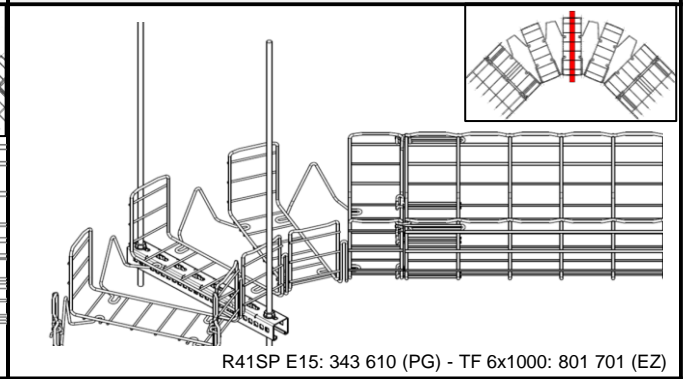
① - CBB	② - CBB + CE35 on inside radius	③ - CBB + RE + CE35 on outside radius
 CBB: 220 961 (EZ)	 CE35 : 558 180 (PG)	 RE: 350 461 (PG) - CE35 : 558 180 (PG)

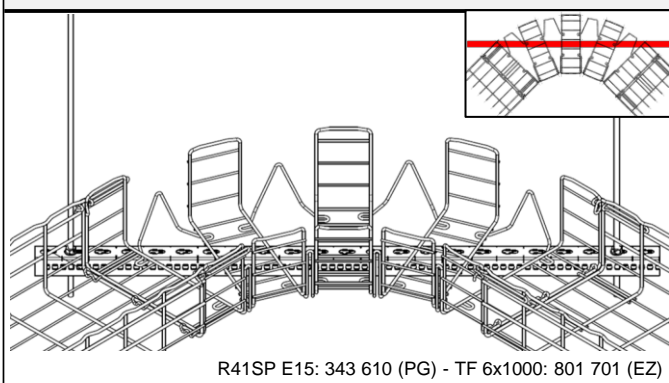
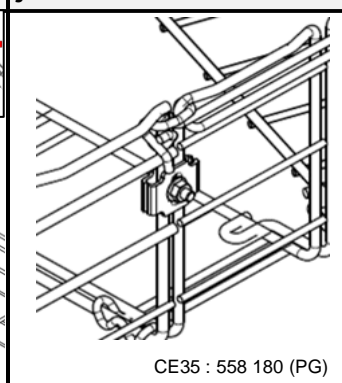
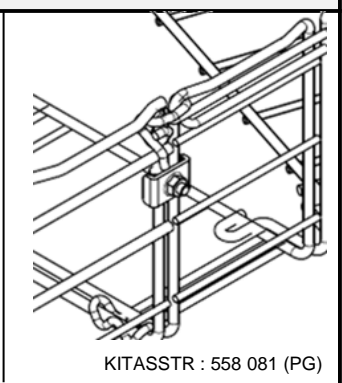
④ - CBB + external support (e.g. threaded rod)	⑤ - CBB + R41SP + TF
 TF 6x1000: 801 701 (EZ)	 R41SP E15: 343 610 (PG) - TF 6x1000: 801 701 (EZ)

⑥ - CBB + R41SP + TF	⑦ - CBB + CE35 or CBB + KITASSTR on junction	
 R41SP E15: 343 610 (PG) - TF 6x1000: 801 701 (EZ)	 CE35 : 558 180 (PG)	 KITASSTR : 558 081 (PG)

CBB 150 CABLOBEND SETUP				
H mm	l mm	F (daN/m)	Possible configuration of installation	
			Version 1	Version 2
150 Inox 304L	150	56	③	-
	200	94	② + ③	-
	300	113	⑤	-
	400	130	② + ③ + ⑤	⑦
	450	130	② + ③ + ⑤	⑦
	500	130	② + ③ + ⑤	⑦
	600	130	⑥ + ⑦	-

① - CBB	② - CBB + CE35 on inside radius	③ - CBB + RE + CE35 on outside radius
		
CBB: 220 968 (EZ)	CE35 : 558 180 (PG)	RE: 350 461 (PG) - CE35 : 558 180 (PG)

④ - CBB + external support (e.g. threaded rod)	⑤ - CBB + R41SP + TF
	
TF 6x1000: 801 701 (EZ)	R41SP E15: 343 610 (PG) - TF 6x1000: 801 701 (EZ)

⑥ - CBB + R41SP + TF	⑦ - CBB + CE35 or CBB + KITASSTR on junction	
		
R41SP E15: 343 610 (PG) - TF 6x1000: 801 701 (EZ)	CE35 : 558 180 (PG)	KITASSTR : 558 081 (PG)