

SECTION 07:

INTELOK® CHANNEL & SUPPORT SYSTEMS

Unitrunk's Intelok® Channel is a robust, easy-to-install support system designed for cable trays, cable ladders, pipes, and ducting – with the versatility to adapt to a wide range of other applications. Its serrated flanges deliver superior slip resistance compared to conventional strut or support channel systems, especially when installed with Intelok® channel nuts.

Intelok® channels are manufactured in deep, shallow and multiple combination profiles. Standard lengths are either 3 or 6 metres, with other lengths available to order. Intelok® channel thickness is 2.5mm or 1.5mm as standard. When used with our extensive range of brackets, an infinite variety of frameworks and structures can be created. Intelok® channels conform to BS6946.

Intelok® Channels are supplied in the following finishes:

Straight Channel

-  Hot dip galvanized Structural Steel (Steel BS EN 10025-2 and Galvanising BS EN 1461)
-  Pre-Galvanised Structural Steel (Steel BS EN 10346)
-  Zinc Magnesium* coated steel (Steel BS EN 10346)

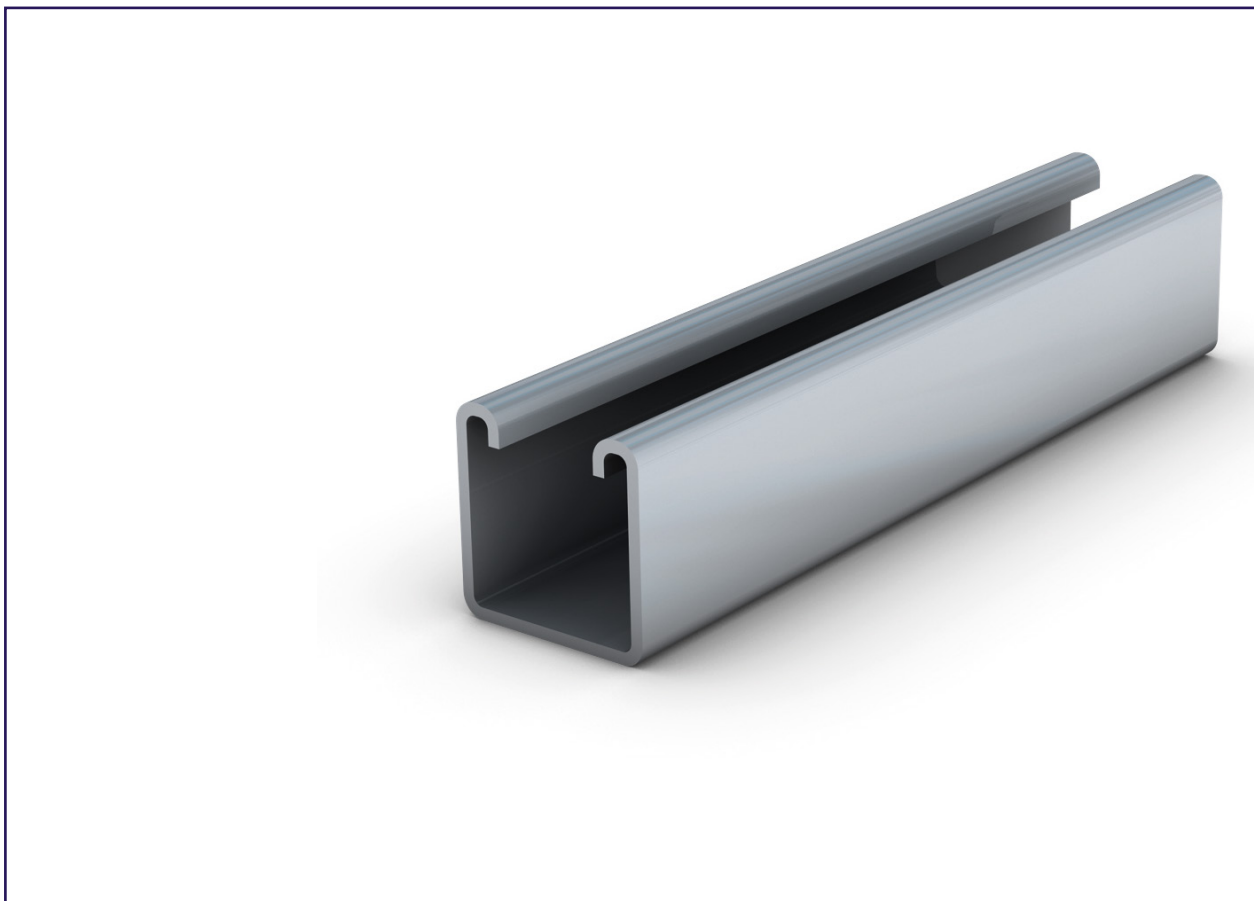
Brackets

-  Hot dip galvanized Mild Steel (Steel BS EN 10111 / BS EN 10130 and Galvanising BS EN 1461)

Straight Channel & Brackets

-  Stainless steel grade 1.4404 (316 marine) to BS EN10088-2





Intelok® Channel

- Galvanized steel with a minimum yield strength 280 N/mm².
- Beams are assumed to be simply supported.
- Load and deflection are calculated using a safety factor of 1.6 and an allowable stress of 175 N/mm².
- Results given are for Pre-galvanised steel.
- Beam loads are calculated from the column face and effective length in BS5950.
- The tables in the following pages show:
 1. The max safe working load,
 2. the load to give 1-200 deflection,
 3. load to give 1-360 deflection - the deflection used will depend on the installation designer.
- This also applies to Point and UDL loads.

ACCREDITED TO THE FOLLOWING STANDARDS:

**UK
CA**

QuickFix
Trunking

QuickFix Multi
Compartment
Trunking

Lighting
Trunking

Uniklip
Cable Tray

Speedway
Cable Ladder
Pre-Galv.
Cable Ladder

Cable Basket
Systems

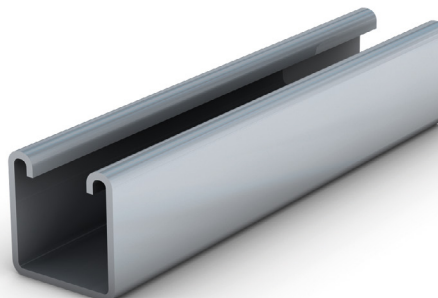
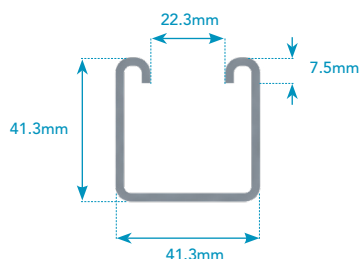
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CHANNEL & SUPPORT SYSTEMS

Deep Channel



Sectional Properties

CSA (mm ²)	I _{xx} (mm ⁴)	Z _{xx} (mm ³)	Weight (kg/m)	Yield (N/mm ²)
336.25	71450	3071	2.68	280

Safe Working Load Table

Span (m)	Uniformly Distributed Load				Point Load				Column Load
	Safe Working Load		Deflection Limit		Safe Working Load		Deflection Limit		Safe Axial Load (kg)
	Load (kg/m)	Def (mm)	Span/200 (kg)	Span/360 (kg)	Load (kg)	Def (mm)	Span/200 (kg)	Span/360 (kg)	
0.8	840.23	2.92	840.23	638.61	336.09	2.34	336.09	319.31	1,953.12
1	536.89	4.56	536.89	325.69	268.45	3.66	268.45	203.55	1,805.89
1.2	372.12	6.57	339.36	187.37	223.27	5.27	223.27	140.52	1,639.63
1.4	272.77	8.95	212.74	117.02	190.94	7.18	186.14	102.39	1,448.32
1.6	208.28	11.69	141.65	77.52	166.62	9.38	141.65	77.52	1,272.88
1.8	164.07	14.81	98.7	53.66	147.66	11.89	111.04	60.37	1,118.52
2	132.45	18.29	71.24	38.41	132.45	14.7	89.05	48.01	985.47
2.2	109.05	22.13	52.87	28.2	119.95	17.81	72.69	38.78	871.72
2.4	91.25	26.35	40.12	21.12	109.5	21.23	60.18	31.68	774.62
2.6	77.4	30.94	30.99	16.05	100.63	24.96	50.36	26.08	691.56
2.8	66.42	35.91	24.29	12.32	92.98	29	42.51	21.57	620.24
3	57.55	41.24	19.26	9.53	86.32	33.36	36.11	17.87	558.71
3.2	50.29	46.95	15.4	7.39	80.47	38.03	30.81	14.78	505.37
3.4	44.28	53.04	12.4	5.72	75.28	43.03	26.36	12.16	458.87
3.6	39.24	59.5	10.03	4.41	70.63	48.35	22.58	9.91	418.14
3.8	34.98	66.35	8.14	3.35	66.46	54.01	19.33	7.96	382.29
4	31.34	73.57	6.6	2.5	62.67	60	16.51	6.25	350.57
4.2	28.2	81.18	5.34	1.8	59.22	66.33	14.03	4.72	322.39
4.4	25.49	89.17	4.31	1.22	56.07	73	11.84	3.36	297.23
4.6	23.12	97.54	3.44	0.74	53.17	80.03	9.89	2.13	274.69
4.8	21.04	106.3	2.71	0.34	50.49	87.41	8.14	1.01	254.41
5	19.2	115.45	2.1	—	48	95.15	6.55	—	236.1

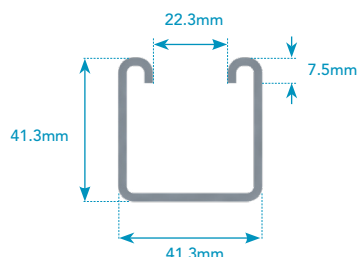
Part Code	Length (m)	Finish
UC4141/3	3	Galvanized to BS EN10346
UC4141/6	6	Galvanized to BS EN10346

For Hot Dip Galv., add GM to the start of the part code. eg. GMUC4141/3.

For Stainless Steel, add SS.

For Zinc Magnesium, add ZM.

Slotted Deep Channel



Slots 26 x 13 @ 50mm Pitch

Sectional Properties

CSA (mm ²)	Ixx (mm ⁴)	Zxx (mm ³)	Weight (kg/m)	Yield (N/mm ²)
302.8	60743	2860	2.59	280

Safe Working Load Table

Span (m)	Uniformly Distributed Load				Point Load				Column Load
	Safe Working Load		Deflection Limit		Safe Working Load		Deflection Limit		Safe Axial Load (kg)
	Load (kg/m)	Def (mm)	Span/200 (kg)	Span/360 (kg)	Load (kg)	Def (mm)	Span/200 (kg)	Span/360 (kg)	
0.8	781.28	2.96	781.28	585.17	312.51	2.37	312.51	292.59	1608.53
1	499.17	4.63	499.17	298.32	249.58	3.71	249.58	186.45	1488.99
1.2	345.92	6.67	310.86	171.53	207.55	5.35	207.55	128.65	1352.75
1.4	253.52	9.08	194.79	107.05	177.46	7.28	170.44	93.67	1197.92
1.6	193.54	11.87	129.62	70.84	154.83	9.52	129.62	70.84	1055.63
1.8	152.43	15.02	90.26	48.97	137.18	12.07	101.54	55.09	930.01
2	123.01	18.56	65.08	34.99	123.01	14.92	81.35	43.73	821.31
2.2	101.25	22.46	48.24	25.63	111.38	18.08	66.33	35.24	728.01
2.4	84.70	26.74	36.56	19.14	101.64	21.56	54.83	28.71	648.06
2.6	71.82	31.40	28.19	14.49	93.37	25.34	45.81	23.55	579.44
2.8	61.60	36.44	22.05	11.08	86.24	29.45	38.58	19.39	520.34
3	53.36	41.86	17.43	8.51	80.04	33.88	32.68	15.97	469.22
3.2	46.61	47.66	13.90	6.55	74.57	38.63	27.80	13.11	424.79
3.4	41.02	53.84	11.15	5.03	69.73	43.72	23.70	10.68	385.97
3.6	36.33	60.40	8.98	3.82	65.39	49.14	20.20	8.59	351.90
3.8	32.36	67.35	7.24	2.85	61.49	54.89	17.20	6.78	321.85
4	28.98	74.69	5.83	2.07	57.95	60.99	14.58	5.18	295.21
4.2	26.06	82.41	4.68	1.43	54.73	67.44	12.29	3.75	271.51
4.4	23.54	90.53	3.73	0.90	51.78	74.24	10.25	2.48	250.32
4.6	21.33	99.04	2.93	0.46	49.07	81.41	8.43	1.32	231.30
4.8	19.40	107.94	2.27	0.09	46.56	88.93	6.80	0.27	214.17
5	17.69	117.25	1.70	—	44.23	96.83	5.32	—	198.68

Part Code	Length (m)	Finish
UC4141S/3	3	Galvanized to BS EN10346
UC4141S/6	6	Galvanized to BS EN10346

For Hot Dip Galv., add GM to the start of the part code. eg. GMUC4141S/3.
 For Stainless Steel, add SS.
 For Zinc Magnesium, add ZM.

QuickFix Trunking

QuickFix Multi Compartment Trunking

Lighting Trunking

Uniklip Cable Tray

Speedway Cable Ladder
Pre-Galv. Cable Ladder

Cable Basket Systems

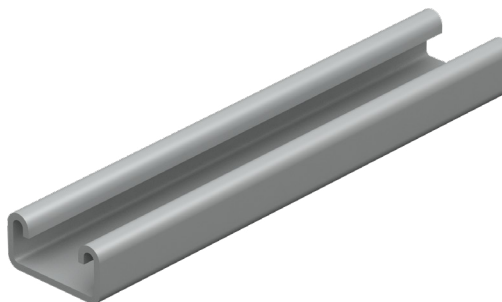
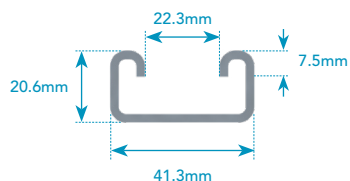
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CHANNEL & SUPPORT SYSTEMS

Shallow Channel



Sectional Properties

CSA (mm ²)	Ixx (mm ⁴)	Zxx (mm ³)	Weight (kg/m)	Yield (N/mm ²)
234.0	11743	956	1.84	280

Safe Working Load Table

Span (m)	Uniformly Distributed Load				Point Load				Column Load
	Safe Working Load		Deflection Limit		Safe Working Load		Deflection Limit		Safe Axial Load (kg)
	Load (kg/m)	Def (mm)	Span/200 (kg)	Span/360 (kg)	Load (kg)	Def (mm)	Span/200 (kg)	Span/360 (kg)	
0.8	261.82	5.52	189.16	104.28	104.73	4.43	94.58	52.14	902.13
1	166.98	8.63	95.96	52.50	83.49	6.92	59.98	32.81	691.82
1.2	115.45	12.43	54.77	29.62	69.27	9.99	41.08	22.21	540.46
1.4	84.39	16.93	33.81	17.98	59.07	13.62	29.59	15.73	431.10
1.6	64.23	22.13	22.05	11.44	51.38	17.83	22.05	11.44	350.53
1.8	50.40	28.03	14.95	7.49	45.36	22.62	16.81	8.43	289.84
2	40.51	34.64	10.40	4.97	40.51	28.01	13.00	6.21	243.14
2.2	33.20	41.95	7.36	3.28	36.52	33.99	10.12	4.51	206.50
2.4	27.63	49.97	5.25	2.11	33.16	40.59	7.88	3.16	177.24
2.6	23.30	58.71	3.74	1.27	30.30	47.82	6.08	2.06	153.52
2.8	19.87	68.17	2.63	0.65	27.81	55.68	4.61	1.14	134.02
3	17.10	78.35	1.80	0.19	25.64	64.19	3.38	0.36	117.80

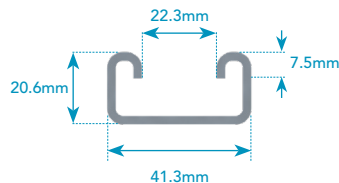
Part Code	Length (m)	Finish
UC4121/3	3	Galvanized to BS EN10346
UC4121/6	6	Galvanized to BS EN10346

For Hot Dip Galv., add GM to the start of the part code. eg. GMUC4121/3.

For Stainless Steel, add SS.

For Zinc Magnesium, add ZM.

Slotted Shallow Channel



Slots 26 x 13 @ 50mm Pitch

Sectional Properties

CSA (mm ²)	Ixx (mm ⁴)	Zxx (mm ³)	Weight (kg/m)	Yield (N/mm ²)
201.5	9669	880	1.72	280

Safe Working Load Table

Span (m)	Uniformly Distributed Load				Point Load				Column Load
	Safe Working Load		Deflection Limit		Safe Working Load		Deflection Limit		Safe Axial Load (kg)
	Load (kg/m)	Def (mm)	Span/200 (kg)	Span/360 (kg)	Load (kg)	Def (mm)	Span/200 (kg)	Span/360 (kg)	
0.8	241.96	5.63	171.33	94.38	96.78	4.51	85.67	47.19	715.12
1	154.27	8.80	86.83	47.43	77.13	7.06	54.27	29.64	551.98
1.2	106.63	12.68	49.48	26.68	63.98	10.19	37.11	20.01	433.35
1.4	77.90	17.27	30.49	16.13	54.53	13.90	26.68	14.11	346.93
1.6	59.26	22.58	19.82	10.20	47.41	18.20	19.82	10.20	282.85
1.8	46.48	28.60	13.38	6.62	41.83	23.09	15.05	7.45	234.33
2	37.34	35.34	9.26	4.34	37.34	28.60	11.58	5.42	196.84
2.2	30.57	42.80	6.50	2.80	33.63	34.72	8.94	3.86	167.31
2.4	25.43	50.99	4.59	1.74	30.51	41.47	6.89	2.61	143.67
2.6	21.42	59.91	3.22	0.98	27.85	48.87	5.24	1.59	124.45
2.8	18.25	69.57	2.22	0.42	25.55	56.92	3.88	0.74	108.60
3	15.68	79.97	1.46	0.00	23.53	65.64	2.74	0.01	95.39

Part Code	Length (m)	Finish
UC4121S/3	3	Galvanized to BS EN10346
UC4121S/6	6	Galvanized to BS EN10346

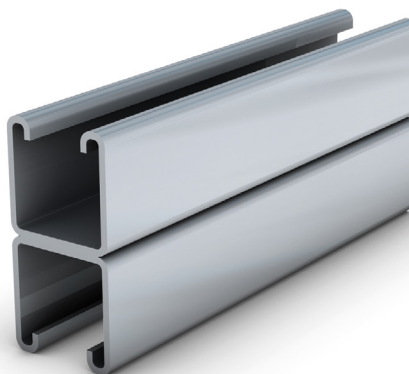
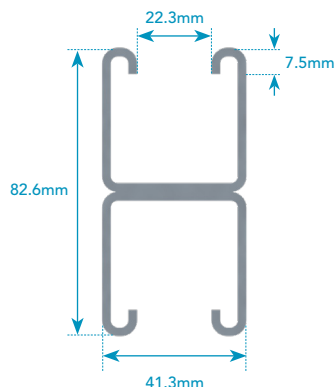
For Hot Dip Galv., add GM to the start of the part code. eg. GMUC4121S/3.

For Stainless Steel, add SS.

For Zinc Magnesium, add ZM.

CHANNEL & SUPPORT SYSTEMS

Back to Back Deep Channel



Sectional Properties

CSA (mm ²)	I _{xx} (mm ⁴)	Z _{xx} (mm ³)	Weight (kg/m)	Yield (N/mm ²)
672.5	375152	9083	5.35	280

Safe Working Load Table

Span (m)	Uniformly Distributed Load				Point Load				Column Load
	Safe Working Load		Deflection Limit		Safe Working Load		Deflection Limit		Safe Axial Load (kg)
	Load (kg/m)	Def (mm)	Span/200 (kg)	Span/360 (kg)	Load (kg)	Def (mm)	Span/200 (kg)	Span/360 (kg)	
0.8	2089.79	1.44	2089.79	2089.79	835.91	1.15	835.91	835.91	11796.81
1	1335.76	2.24	1335.76	1335.76	667.88	1.80	667.88	667.88	10406.84
1.2	926.16	3.23	926.16	926.16	555.70	2.59	555.70	555.70	8904.39
1.4	679.19	4.40	679.19	600.01	475.43	3.52	475.43	475.43	7435.66
1.6	518.89	5.75	518.89	400.22	415.12	4.61	415.12	400.22	6123.99
1.8	409.00	7.27	409.00	279.52	368.10	5.84	368.10	314.46	5043.75
2	330.39	8.98	330.39	202.35	330.39	7.21	330.39	252.93	4179.70
2.2	272.22	10.87	272.22	150.72	299.45	8.74	299.45	207.24	3493.94
2.4	227.99	12.94	211.00	114.88	273.59	10.41	273.59	172.32	2948.04
2.6	193.56	15.20	164.83	89.23	251.63	12.24	251.63	145.00	2510.05
2.8	166.24	17.63	130.92	70.40	232.74	14.21	229.12	123.19	2155.20
3	144.21	20.25	105.46	56.25	216.31	16.34	197.74	105.47	1864.79
3.2	126.17	23.05	85.97	45.42	201.87	18.62	171.94	90.84	1624.75
3.4	111.22	26.03	70.80	36.99	189.08	21.06	150.45	78.61	1424.49
3.6	98.70	29.20	58.81	30.33	177.65	23.66	132.33	68.25	1255.96
3.8	88.09	32.56	49.22	25.00	167.38	26.41	116.90	59.39	1113.00
4	79.04	36.10	41.45	20.69	158.09	29.33	103.62	51.72	990.83
4.2	71.25	39.82	35.09	17.15	149.63	32.41	92.11	45.03	885.71
4.4	64.50	43.73	29.83	14.23	141.91	35.65	82.04	39.14	794.69
4.6	58.61	47.83	25.45	11.80	134.81	39.06	73.17	33.92	715.44
4.8	53.44	52.12	21.77	9.75	128.27	42.63	65.31	29.26	646.06
5	48.88	56.60	18.65	8.02	122.21	46.38	58.29	25.07	585.02

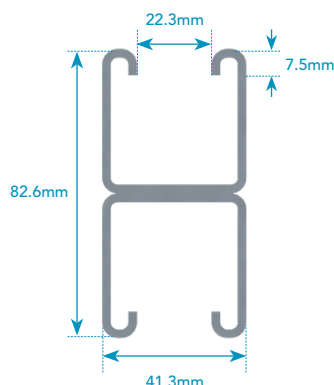
Part Code	Length (m)	Finish
UC4182/3	3	Galvanized to BS EN10346
UC4182/6	6	Galvanized to BS EN10346

For Hot Dip Galv., add GM to the start of the part code. eg. GMUC4182/3.

For Stainless Steel, add SS.

For Zinc Magnesium, add ZM.

Back to Back Deep Channel Slotted



Slots 26 x 13 @ 50mm Pitch

Sectional Properties

CSA (mm ²)	Ixx (mm ⁴)	Zxx (mm ³)	Weight (kg/m)	Yield (N/mm ²)
670.51	331156	8018	4.82	280

Safe Working Load Table

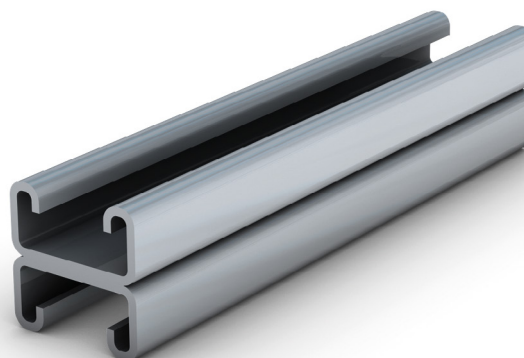
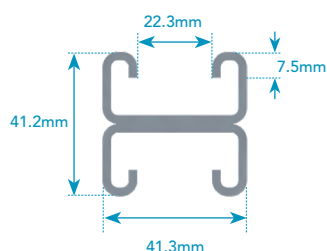
Span (m)	Uniformly Distributed Load				Point Load				Column Load
	Safe Working Load		Deflection Limit		Safe Working Load		Deflection Limit		Safe Axial Load (kg)
	Load (kg/m)	Def (mm)	Span/200 (kg)	Span/360 (kg)	Load (kg)	Def (mm)	Span/200 (kg)	Span/360 (kg)	
0.8	1759.09	1.33	1759.09	1759.09	703.64	1.06	703.64	703.64	8423.65
1	1124.11	2.08	1124.11	1124.11	562.06	1.66	562.06	562.06	7460.16
1.2	779.19	2.99	779.19	779.19	467.51	2.40	467.51	467.51	6407.77
1.4	571.21	4.07	571.21	544.98	399.85	3.27	399.85	399.85	5370.42
1.6	436.22	5.32	436.22	363.36	348.98	4.27	348.98	348.98	4435.76
1.8	343.67	6.74	343.67	253.63	309.31	5.41	309.31	285.34	3660.46
2	277.48	8.32	277.48	183.47	277.48	6.69	277.48	229.34	3037.14
2.2	228.50	10.07	228.50	136.54	251.35	8.10	251.35	187.74	2540.63
2.4	191.24	11.99	191.24	103.96	229.49	9.66	229.49	155.94	2144.32
2.6	162.25	14.08	149.37	80.64	210.93	11.36	210.93	131.04	1825.69
2.8	139.25	16.34	118.54	63.52	194.95	13.19	194.95	111.16	1567.13
3	120.69	18.77	95.39	50.66	181.04	15.17	178.87	94.98	1355.25
3.2	105.50	21.37	77.68	40.81	168.80	17.30	155.35	81.63	1179.93
3.4	92.91	24.14	63.88	33.15	157.95	19.57	135.75	70.45	1033.54
3.6	82.37	27.08	52.99	27.10	148.26	21.99	119.22	60.97	910.25
3.8	73.44	30.19	44.27	22.25	139.53	24.56	105.13	52.85	805.60
4	65.82	33.48	37.20	18.33	131.63	27.28	93.00	45.82	716.12
4.2	59.26	36.94	31.42	15.12	124.44	30.15	82.48	39.68	639.09
4.4	53.57	40.57	26.64	12.46	117.86	33.18	73.26	34.27	572.36
4.6	48.61	44.38	22.66	10.25	111.81	36.37	65.14	29.46	514.24
4.8	44.26	48.36	19.31	8.39	106.22	39.72	57.93	25.17	463.33
5	40.42	52.53	16.48	6.82	101.04	43.23	51.50	21.30	418.53

Part Code	Length (m)	Finish
UC4182S/3	3	Galvanized to BS EN10346
UC4182S/6	6	Galvanized to BS EN10346

For Hot Dip Galv. , add GM to the start of the part code. eg. GMUC4182S/3.
 For Stainless Steel, add SS.
 For Zinc Magnesium, add ZM.

CHANNEL & SUPPORT SYSTEMS

Back to Back Shallow Channel



Sectional Properties

CSA (mm ²)	I _{xx} (mm ⁴)	Z _{xx} (mm ³)	Weight (kg/m)	Yield (N/mm ²)
605.51	363427	8800	5	280

Safe Working Load Table

Span (m)	Uniformly Distributed Load				Point Load				Column Load
	Safe Working Load		Deflection Limit		Safe Working Load		Deflection Limit		Safe Axial Load (kg)
	Load (kg/m)	Def (mm)	Span/200 (kg)	Span/360 (kg)	Load (kg)	Def (mm)	Span/200 (kg)	Span/360 (kg)	
0.8	2,089.01	1.45	2,089.01	2,089.01	835.6	1.16	835.6	835.6	10,770.29
1	1,335.26	2.27	1,335.26	1,335.26	667.63	1.82	667.63	667.63	9,562.42
1.2	925.82	3.27	925.82	925.82	555.49	2.62	555.49	555.49	8,241.48
1.4	678.93	4.45	678.93	592.03	475.25	3.57	475.25	475.25	6,933.90
1.6	518.7	5.82	518.7	394.88	414.96	4.67	414.96	394.88	5,741.39
1.8	408.84	7.37	408.84	275.77	367.96	5.91	367.96	310.24	4,745.70
2	330.26	9.1	330.26	199.61	330.26	7.31	330.26	249.51	3,941.83
2.2	272.12	11.01	271.8	148.66	299.33	8.85	299.33	204.41	3,299.91
2.4	227.9	13.11	208.15	113.3	273.48	10.55	273.48	169.95	2,786.81
2.6	193.49	15.39	162.59	87.99	251.53	12.4	251.53	142.98	2,373.98
2.8	166.18	17.86	129.13	69.4	232.65	14.4	225.97	121.45	2,038.86
3	144.15	20.51	104	55.44	216.23	16.55	195	103.95	1,764.22
3.2	126.12	23.35	84.77	44.75	201.8	18.87	169.54	89.51	1,536.98
3.4	111.18	26.37	69.8	36.44	189.01	21.34	148.32	77.43	1,347.26
3.6	98.66	29.58	57.97	29.87	177.58	23.97	130.43	67.2	1,187.51
3.8	88.06	32.98	48.5	24.61	167.31	26.76	115.19	58.44	1,051.95
4	79.01	36.57	40.83	20.35	158.03	29.71	102.08	50.86	936.07
4.2	71.23	40.34	34.56	16.86	149.58	32.83	90.71	44.25	836.36
4.4	64.48	44.3	29.37	13.98	141.85	36.11	80.77	38.44	750.02
4.6	58.59	48.45	25.05	11.57	134.76	39.56	72.01	33.28	674.83
4.8	53.42	52.8	21.41	9.56	128.21	43.19	64.24	28.67	609.02
5	48.86	57.33	18.34	7.85	122.16	46.98	57.31	24.53	551.12

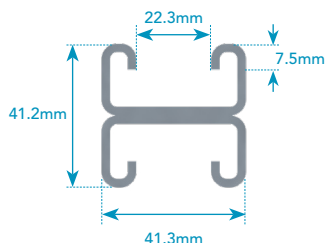
Part Code	Length (m)	Finish
UC4142/3	3	Galvanized to BS EN10346
UC4142/6	6	Galvanized to BS EN10346

For Hot Dip Galv., add GM to the start of the part code. eg. GMUC4142/3.

For Stainless Steel, add SS.

For Zinc Magnesium, add ZM.

Back to Back Shallow Channel Slotted



Slots 26 x 13 @ 50mm Pitch

Sectional Properties

CSA (mm ²)	Ixx (mm ⁴)	Zxx (mm ³)	Weight (kg/m)	Yield (N/mm ²)
464.01	56340	2728	4	280

Safe Working Load Table

Span (m)	Uniformly Distributed Load				Point Load				Column Load
	Safe Working Load		Deflection Limit		Safe Working Load		Deflection Limit		Safe Axial Load (kg)
	Load (kg/m)	Def (mm)	Span/200 (kg)	Span/360 (kg)	Load (kg)	Def (mm)	Span/200 (kg)	Span/360 (kg)	
0.8	644.32	2.91	644.32	491.92	257.73	2.33	257.73	245.96	3,908.07
1	411.19	4.54	411.19	250.09	205.59	3.64	205.59	156.3	3,094.74
1.2	284.54	6.54	260.66	143.19	170.73	5.25	170.73	107.39	2,422.64
1.4	208.18	8.91	162.8	88.82	145.73	7.16	142.45	77.72	1,922.47
1.6	158.62	11.64	107.86	58.3	126.9	9.37	107.86	58.3	1,552.92
1.8	124.64	14.74	74.67	39.86	112.18	11.88	84	44.85	1,276.41
2	100.34	18.21	53.45	28.07	100.34	14.7	66.81	35.09	1,065.63
2.2	82.35	22.05	39.25	20.19	90.59	17.83	53.97	27.76	901.87
2.4	68.68	26.27	29.4	14.71	82.41	21.28	44.09	22.07	772.33
2.6	58.03	30.86	22.34	10.79	75.44	25.05	36.31	17.54	668.19
2.8	49.59	35.82	17.16	7.92	69.42	29.15	30.03	13.85	583.26
3	42.77	41.16	13.27	5.75	64.16	33.57	24.89	10.79	513.09
3.2	37.2	46.88	10.3	4.1	59.51	38.34	20.59	8.2	454.44
3.4	32.58	52.99	7.98	2.81	55.38	43.45	16.95	5.98	404.91
3.6	28.7	59.48	6.15	1.8	51.66	48.92	13.83	4.04	362.69
3.8	25.42	66.35	4.68	0.98	48.31	54.75	11.12	2.33	326.4
4	22.63	73.62	3.49	0.32	45.25	60.94	8.73	0.81	294.95
4.2	20.22	81.28	2.52	—	42.46	67.51	6.62	—	267.52
4.4	18.13	89.34	1.72	—	39.89	74.46	4.73	—	243.43
4.6	16.31	97.8	1.05	—	37.51	81.81	3.02	—	222.15
4.8	14.71	106.66	0.49	—	35.31	89.56	1.46	—	203.25
5	13.3	115.93	0.01	—	33.25	97.73	0.04	—	186.37

Part Code	Length (m)	Finish
UC4142S/3	3	Galvanized to BS EN10346
UC4142S/6	6	Galvanized to BS EN10346

For Hot Dip Galv. , add GM to the start of the part code. eg. GMUC4142S/3.

For Stainless Steel, add SS.

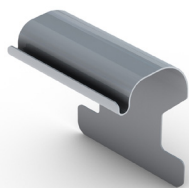
For Zinc Magnesium, add ZM.

CHANNEL & SUPPORT SYSTEMS

Standard Finish of Channel Brackets (*exceptions apply):



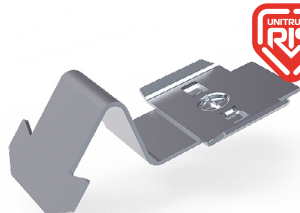
Tray to Channel Klip



Part Code	Suitable for Tray Type
CHTR25	KLMR
CHTR50	KLHR

*Formed from sprung steel.

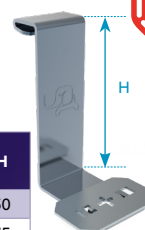
Basket to Channel Klip



Part Code
UFC41M

*Formed from sprung steel.

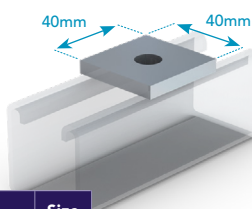
Trunking to Channel Bracket



Part Code	H
TKHDB2	50
TKHDB3	75
TKHDB4	100
TKHDB6	150

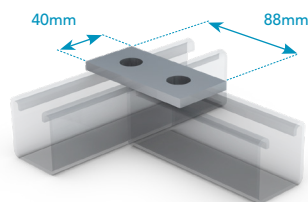
*Formed from sprung steel.

Square Plate



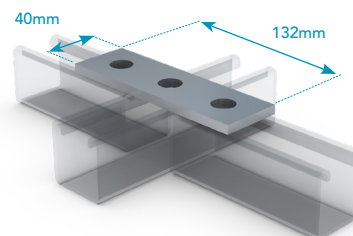
Part Code	Size (mm)
325AJ03	6
325AJ05	8
325AJ07	10
325AJ10	12

Two Hole Plate



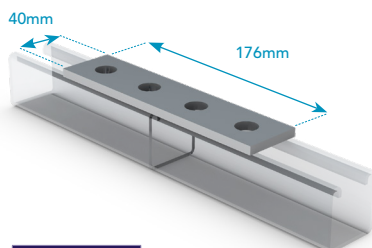
Part Code
325AD11

Three Hole Plate



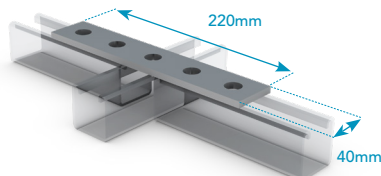
Part Code
325AC11

Four Hole Plate



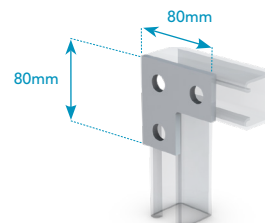
Part Code
325AC13

Five Hole Plate



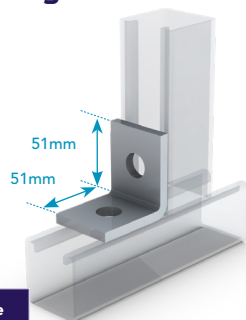
Part Code
325AY10

L Bracket



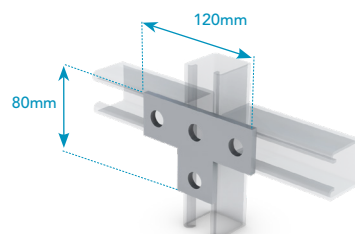
Part Code
325AG10

Right Angle Bracket



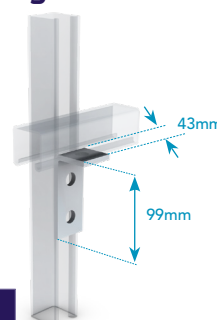
Part Code
325AS10

T Bracket



Part Code
325AF13

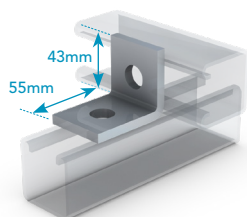
Right Angle Bracket



Part Code
325AC09

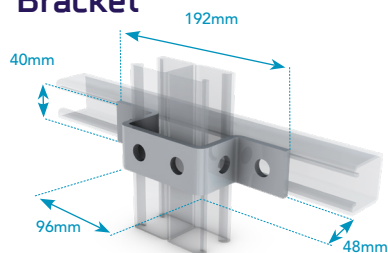


Right Angle Bracket



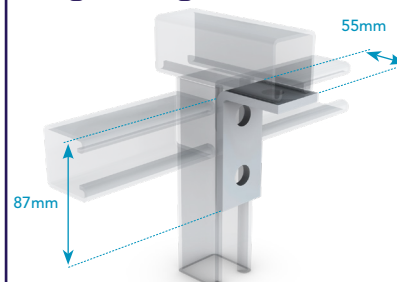
Part Code
325AD10

Double Channel Bracket



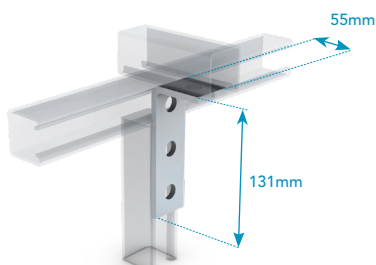
Part Code
325AJ11

Right Angle Bracket



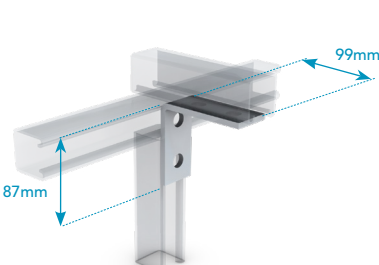
Part Code
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Right Angle Bracket



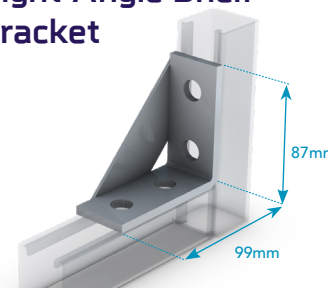
Part Code
325AE10

Right Angle Bracket



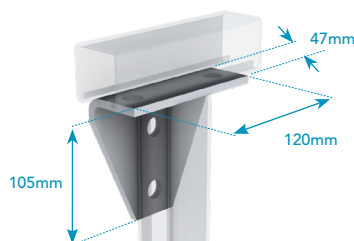
Part Code
325AE11

Right Angle Shelf Bracket



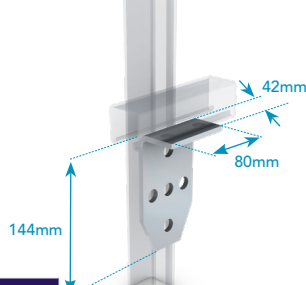
Part Code
325AE12

Right Angle Bracket



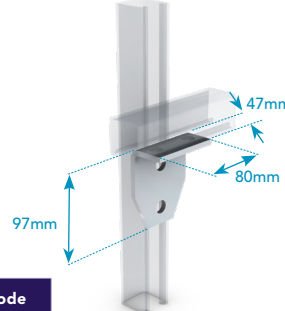
Part Code
325AQ10

Right Angle Bracket



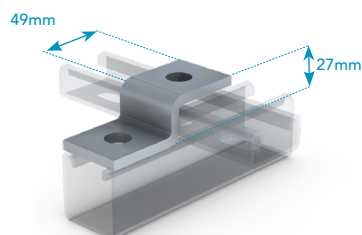
Part Code
325AQ11

Right Angle Bracket



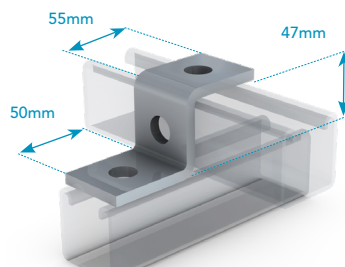
Part Code
325AQ12

Shallow 'Z' Bracket



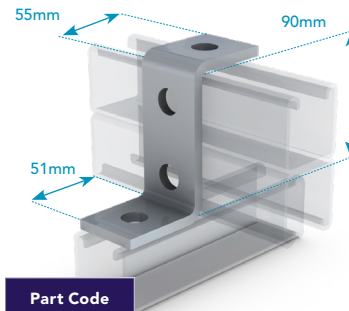
Part Code
325AD28

Deep 'Z' Bracket



Part Code
325AC12

Multiple 'Z' Bracket



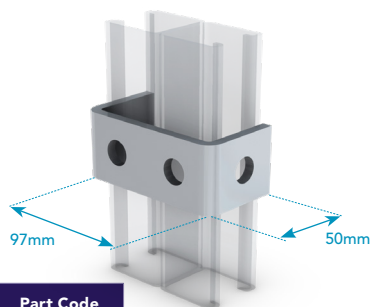
Part Code
325AU10

CHANNEL & SUPPORT SYSTEMS

Standard Finish of Channel Brackets (*exceptions apply):



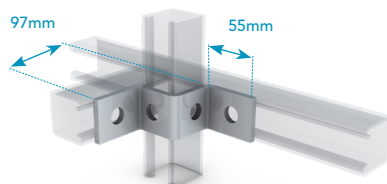
Back to Back Bracket



Part Code

325AT11

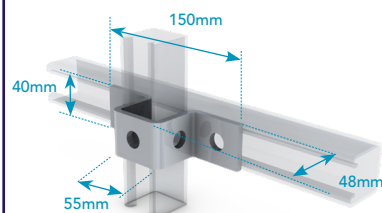
'W' Shaped Deep Bracket



Part Code

325AU15

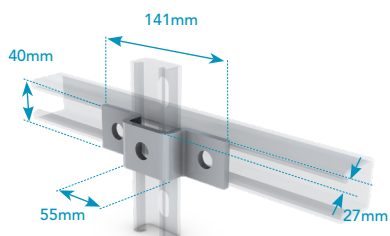
Deep 'U' Bracket



Part Code

325AJ12

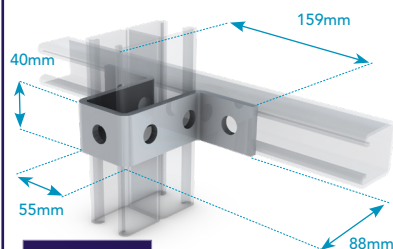
Shallow 'U' Bracket



Part Code

325AJ13

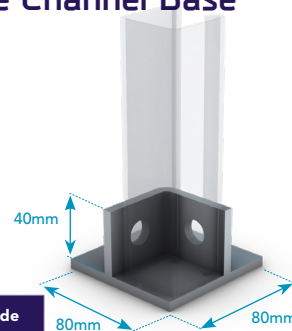
Multi-Channel Bracket



Part Code

325AJ14

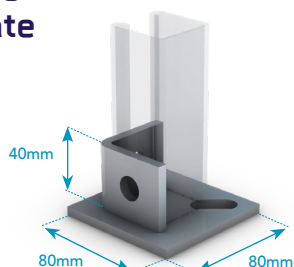
Single Channel Base Plate



Part Code

325AR10

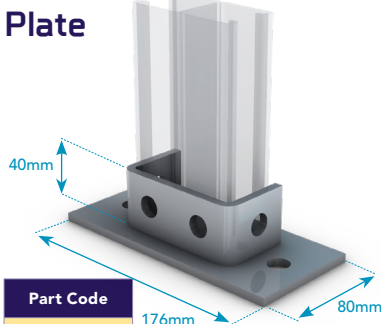
Single Channel Base Plate



Part Code

325AN10

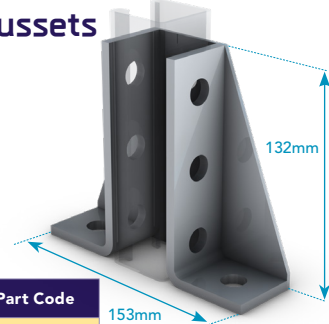
Double Channel Base Plate



Part Code

325AT10

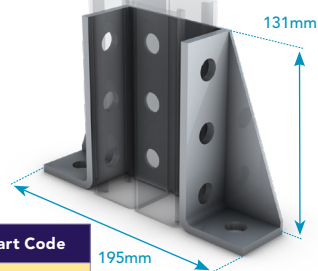
Wing Fitting with Gussets



Part Code

325AW01

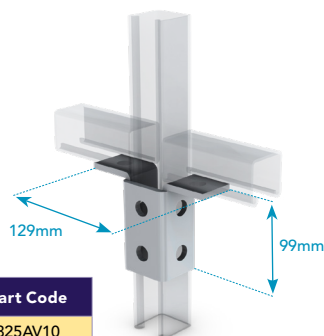
Double Channel Wing Fitting



Part Code

325AW02

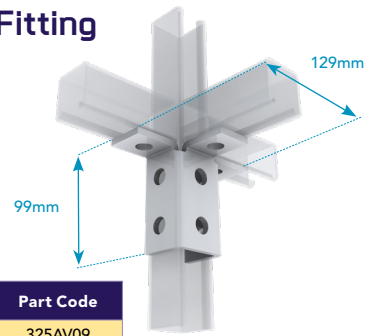
Two Leg Wing Fitting



Part Code

325AV10

Three Leg Wing Fitting

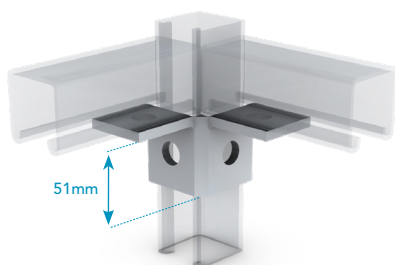


Part Code

325AV09



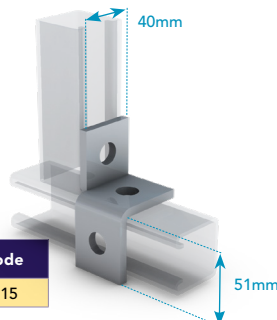
3 Way Corner Bracket



Part Code

325AV02

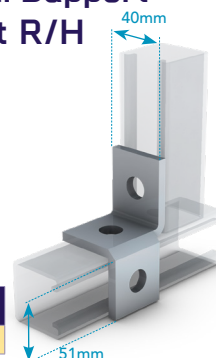
Channel Support Bracket L/H



Part Code

325AG15

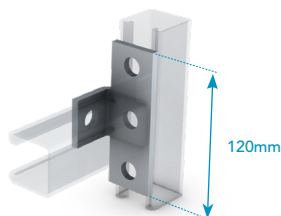
Channel Support Bracket R/H



Part Code

325AG16

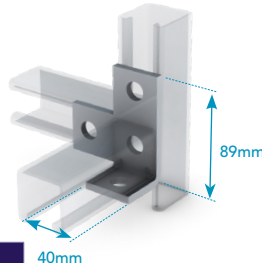
Channel Support Bracket



Part Code

325AF10

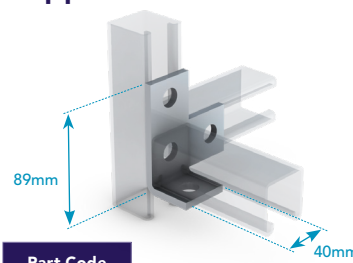
L/H Channel Support Bracket



Part Code

325AF11

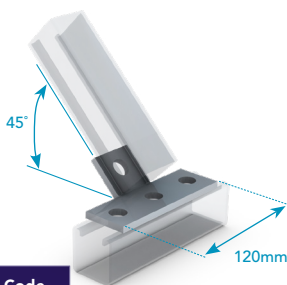
R/H Channel Support Bracket



Part Code

325AF12

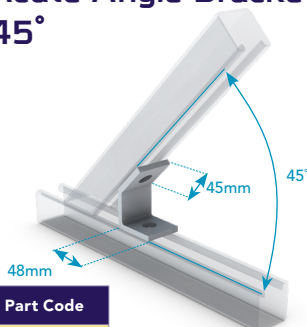
45° Angle Bracket



Part Code

325AF14

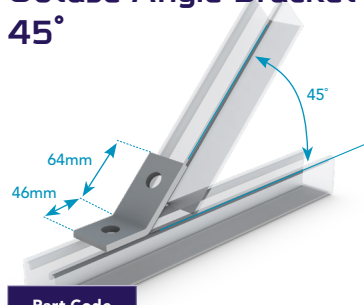
Acute Angle Bracket 45°



Part Code

325AH11

Obtuse Angle Bracket 45°

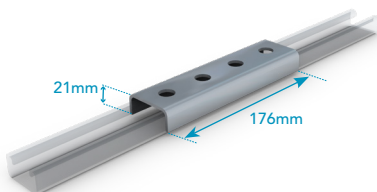


Part Code

325AD17

Other angles available to order

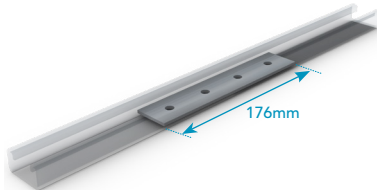
Shallow External Connector



Part Code

325AK11

Shallow Internal Connector

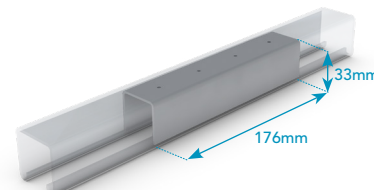


Part Code

325AK13

M10 set screws supplied separately. Not structural.

Deep Internal Connector



Part Code

336AB08

*Formed from pre-galvanized steel. Not structural.

QuickFix Trunking

QuickFix Multi Compartment Trunking

Lighting Trunking

Uniklip Cable Tray

Speedway Cable Ladder
Pre-Galv. Cable Ladder

Cable Basket Systems

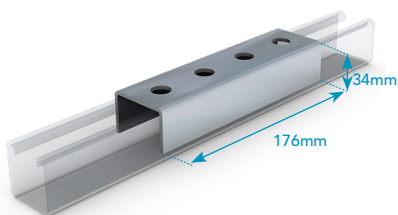
Channel & Support

Accessories & Supports

Index

CHANNEL & SUPPORT SYSTEMS

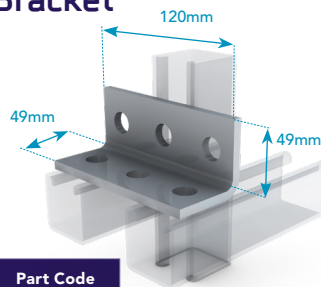
Deep External Connector



Part Code

325AK10

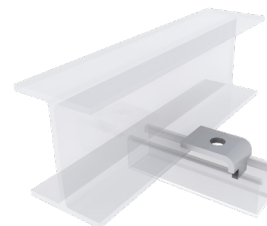
Cross Support Bracket



Part Code

325AB10

J Shaped Beam Clamp

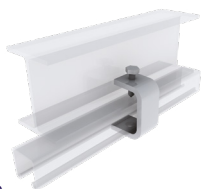


Part Code

325AP11

Max. load as pair = 300kg.

Deep C Shaped Beam Clamp



Including M12x40 cone point screw. Max. load as pair = 300kg.

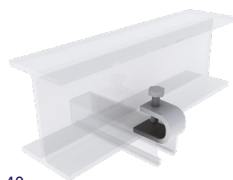
Part Code

325AX10

Flange thickness (mm)

up to 18

C Shaped Beam Clamp



Including M10x40 cone point screw. Max. load as pair = 250kg.

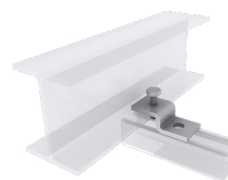
Part Code

325AX11

Flange thickness (mm)

up to 17

Z Shaped Beam Clamp



Including M10x40 cone point screw. Max. load as pair = 300kg.

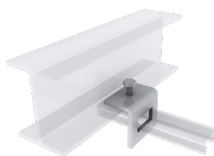
Part Code

325AP10

Flange thickness (mm)

up to 17

Beam Clamp (Shallow Channel)



Including M10x40 cone point screw. Max. load as pair = 500kg.

Part Code

325AL11

Flange thickness (mm)

up to 15

Beam Clamp (Deep Channel)



Including M10x40 cone point screw. Max. load as pair = 500kg.

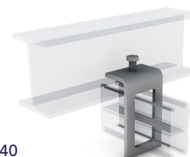
Part Code

325AL10

Flange thickness (mm)

up to 15

Beam Clamp (Deep Back to Back Window)



Including M10x40 cone point screw. Max. load as pair = 500kg.

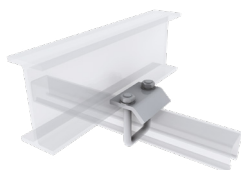
Part Code

325AL09

Flange thickness (mm)

up to 15

Beam Clamp (Deep Channel)



Also suitable for shallow channel up to 25mm. Max. load as pair = 1100kg.

Part Code

325AM10

Flange range (mm)

25

Beam Clamp (Back to Back Deep Channel)



Supplied singly with nuts, bolts and washers. Max. load as pair = 1100kg.

Part Code

325AM12

Flange range (mm)

up tp 25

Heavy Duty Beam Clamp (Back to Back Deep Channel)



Part Code

325AM13

Flange range (mm)

up to 25

325AM14

25 - 40

Max. load as pair = 1800kg.

Beam Clamp



Part Code

325AP13

'Z' Purlin Clip

(M10 Hole)



Part Code

389AH10

Cone Pointed Bolts



Part Code	Thread Size
M10X40CPB	M10x40
M12X40CPB	M12x40

End Cap

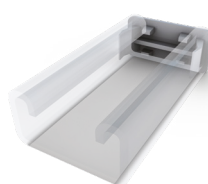
(Deep)



Part Code	Finish
325AA10	Black PVC
325AA12	White PVC

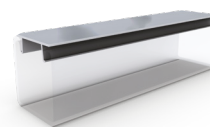
End Cap

(Shallow)



Part Code	Finish
325AA11	Black PVC
325AA13	White PVC

Cover Strip



Part Code	Length (m)	Finish
339AA10	3	White PVC
339AA11	3	Black PVC
339AB10	3	Pre-Galvanised

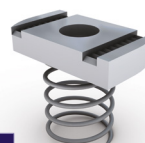
Short Spring Channel Nuts



Part Code	Thread
UCM6/S	M6
UCM8/S	M8
UCM10/S	M10
UCM12/S	M12

Sold in packs of 100.

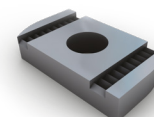
Long Spring Channel Nuts



Part Code	Thread
UCM6/L	M6
UCM8/L	M8
UCM10/L	M10
UCM12/L	M12

Sold in packs of 100.

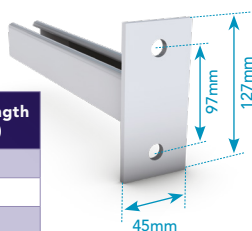
Channel Nuts Less Spring



Part Code	Thread
UCM6/N	M6
UCM8/N	M8
UCM10/N	M10
UCM12/N	M12

Sold in packs of 100.

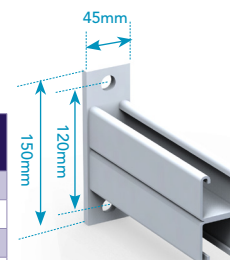
Single Channel Cantilever Arm



Part Code	Product	Arm Length (mm)
CARMSCP150GM	2 Hole	150
CARMSCP300GM	2 Hole	300
CARMSCP450GM	2 Hole	450
CARMSCP600GM	2 Hole	600
CARMSCP750GM	2 Hole	750
CARMSCP900GM	2 Hole	900

Hole diameter is 15mm.

Back to Back Cantilever Arm



Part Code	Product	Arm Length (mm)
CARMBBP150GM	2 Hole	150
CARMBBP300GM	2 Hole	300
CARMBBP450GM	2 Hole	450
CARMBBP600GM	2 Hole	600
CARMBBP750GM	2 Hole	750
CARMBBP900GM	2 Hole	900

Hole diameter is 15mm.