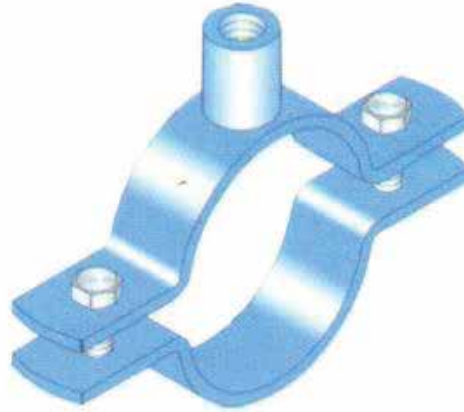





## M10 Double Bolted Nut Clip



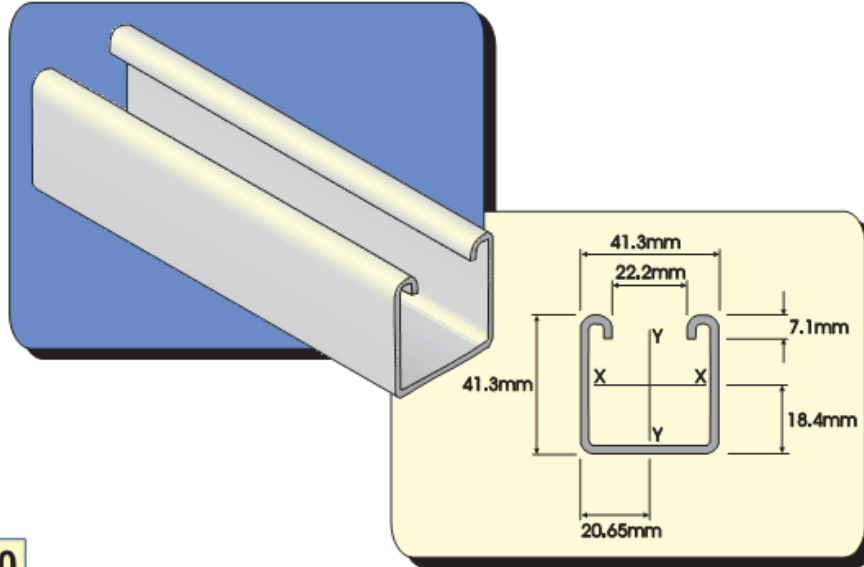
PART NO.	MATERIAL	FINISH	SIZE STAMPED	BRANDED	ALLOWABLE LOAD (N)
ES200-048	20 x 3	ZINC PLATED	40NB	Company logo	2000
ES200-060	20 x 3	ZINC PLATED	50NB	Company logo	2000
EZ200-065	20 x 3	ZINC PLATED	65	Company logo	2000
ES200-076	20 x 3	ZINC PLATED	65NB	Company logo	2000
ES200-089	20 x 3	ZINC PLATED	76NB	Company logo	2000
ES200-115	25 x 3	ZINC PLATED	100NB	Company logo	3000
EZ200-125	25 x 3	ZINC PLATED	125	Company logo	3000
ES200-165	25 x 5	ZINC PLATED	165	Company logo	4500
EZ200-200	25 x 5	ZINC PLATED	200	Company logo	4500
EZ200-250	25 x 5	ZINC PLATED	250	Company logo	4500
EZ200-315	25 x 5	ZINC PLATED	315	Company logo	4500

### CONTACT INFO

 +6 012-307 3753  
 08:30AM - 05:30PM  
 08:30AM - 05:30PM

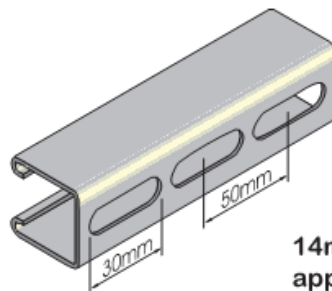
### ADDRESS

No. 45 Jalan PJU 1A/15,  
 Taman Perindustrian Jaya, Ara Damansara,  
 46050 Selangor Darul Eshan, Malaysia

**HEAVY CHANNEL**
**FM1000**

**FM1000**

**WEIGHT:** 2.60kg/m  
**THICKNESS:** 2.5mm  
**MATERIAL:** 250MPa (min yield stress) mild steel  
**FINISHES:** Galvabond, (Other finishes available on request) Plain, Hot Dipped Galvanised, Polyester Powder Coated, 316 GR Stainless Steel.

SECTION PROPERTIES		X-X AXIS			Y-Y AXIS			
CHANNEL	WEIGHT <sub>kg/m</sub>	AREA OF SECTION <sub>mm<sup>2</sup></sub>	MOMENT OF INERTIA <sub>I 10<sup>6</sup> mm<sup>4</sup></sub>	SECTION MODULUS <sub>Z 10<sup>3</sup> mm<sup>2</sup></sub>	RADIUS OF GYRATION <sub>r mm</sub>	MOMENT OF INERTIA <sub>I 10<sup>6</sup> mm<sup>4</sup></sub>	SECTION MODULUS <sub>Z 10<sup>3</sup> mm<sup>3</sup></sub>	RADIUS OF GYRATION <sub>r mm</sub>
FM1000	2.60	331	.070	2.925	14.5	0.093	4.452	16.7
FM1001	5.20	662	.319	7.715	22.1	0.186	8.904	16.7

**FM1000T**


14mm x 30mm Slots at approx. 50mm centres.

**CONTACT INFO**

+6 012-307 3753  
 08:30AM - 05:30PM  
 08:30AM - 05:30PM

**ADDRESS**

No. 45 Jalan PJU 1A/15,  
 Taman Perindustrian Jaya, Ara Damansara,  
 46050 Selangor Darul Eshan, Malaysia

## FM1000




## TECHNICAL DATA

### LOADING CRITERIA

- Loads indicated below are accordance with AS/NZS 4600 1996. Cold-formed steel structure
- Minimum yield stress : FY = 210 Mpa
- Beam Load and deflection data are based on a uniformly loaded simply supported beam
- For point load at mid span multiply maximum allowable load by .5 and deflection by .8
- Load values are for bending about the X-X axis only

BEAM SPAN OR UNSUPPORTED COLUMN HEIGHT (mm)	CHANNEL TYPE	BEAM MAX. ALLOWABLE LOAD (Kg)	DEFLECTION AT MAX. ALLOWABLE LOAD (mm)	COLUMN MAX. ALLOWABLE LOAD (KG)
250	FM1000	1485	0.22	4550
250	FM1001	2565	0.08	9770
500	FM1000	743	0.87	3685
500	FM1001	1958	0.50	9410
750	FM1000	495	1.97	2825
750	FM1001	1305	1.13	8835
1000	FM1000	350	3.50	2145
1000	FM1001	980	2.01	8091
1250	FM1000	296	5.47	1642
1250	FM1001	784	3.14	7225
1500	FM1000	248	7.87	1321
1500	FM1001	655	4.49	6290
1750	FM1000	215	10.71	1100
1750	FM1001	560	6.13	5342
2000	FM1000	186	13.99	936
2000	FM1001	489	8.01	4420
2250	FM1000	165	17.71	806
2250	FM1001	436	10.15	3560
2500	FM1000	148	21.86	700
2500	FM1001	395	12.52	2886
2750	FM1000	136	26.45	615
2750	FM1001	358	15.10	2385
3000	FM1000	125	31.46	N/R
3000	FM1001	325	18.03	2003

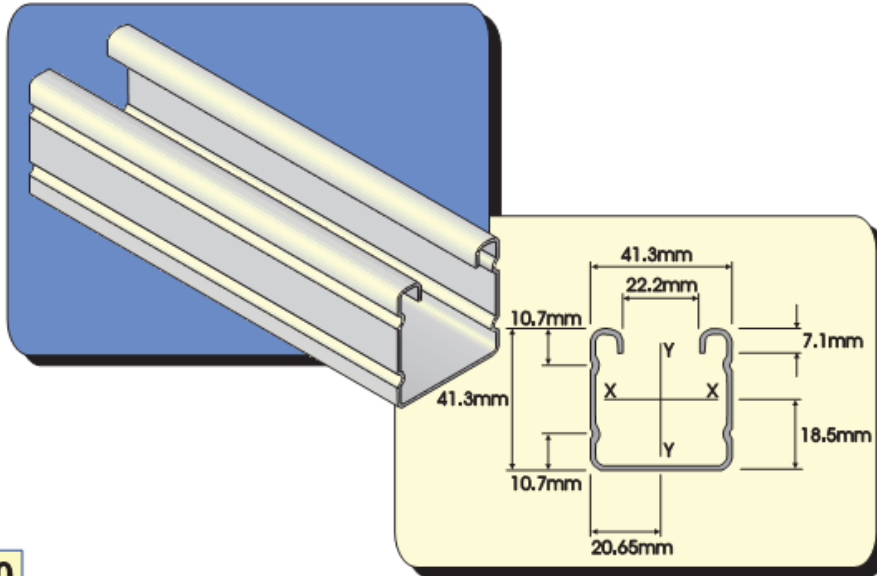
### CONTACT INFO

-  +6 012-307 3753
-  08:30AM - 05:30PM
-  08:30AM - 05:30PM

### ADDRESS

No. 45 Jalan PJU 1A/15,  
Taman Perindustrian Jaya, Ara Damansara,  
46050 Selangor Darul Eshan, Malaysia

**LIGHT CHANNEL** **FM2000**

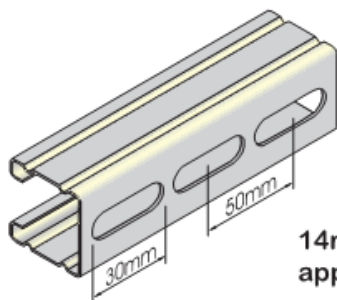


**FM2000**

**WEIGHT:** 1.80kg/m  
**THICKNESS:** 1.6mm  
**MATERIAL:** 250MPa (min yield stress) mild steel  
**FINISHES:** Galvabond, (Other finishes available on request) Plain, Hot Dipped Galvanised, Polyester Powder Coated, 316 GR Stainless Steel.

SECTION PROPERTIES			X-X AXIS			Y-Y AXIS		
CHANNEL	WEIGHT <sup>kg/m</sup>	AREA OF SECTION <sup>mm<sup>2</sup></sup>	MOMENT OF INERTIA <sup>I 10<sup>6</sup> mm<sup>4</sup></sup>	SECTION MODULUS <sup>Z 10<sup>3</sup> mm<sup>2</sup></sup>	RADIUS OF GYRATION <sup>r mm</sup>	MOMENT OF INERTIA <sup>I 10<sup>6</sup> mm<sup>4</sup></sup>	SECTION MODULUS <sup>Z 10<sup>3</sup> mm<sup>3</sup></sup>	RADIUS OF GYRATION <sup>r mm</sup>
FM2000	1.80	229	0.053	2.300	15.2	0.066	3.150	16.9
FM2001	3.60	458	0.263	6.325	23.8	0.132	6.400	16.9

**FM2000T**



14mm x 30mm Slots at approx. 50mm centres.

**CONTACT INFO**

- +6 012-307 3753
- 08:30AM - 05:30PM
- 08:30AM - 05:30PM

**ADDRESS**




No. 45 Jalan PJU 1A/15,  
 Taman Perindustrian Jaya, Ara Damansara,  
 46050 Selangor Darul Eshan, Malaysia

**TECHNICAL DATA**
**FM2000**
**LOADING CRITERIA**

- Loads indicated below are accordance with AS/NZS 4600 1996. Cold-formed steel structure
- Minimum yield stress : FY = 210 Mpa
- Beam Load and deflection data are based on a uniformly loaded simply supported beam
- For point load at mid span multiply maximum allowable load by .5 and deflection by .8
- Load values are for bending about the X-X axis only

BEAM SPAN OR UNSUPPORTED COLUMN HEIGHT (mm)	CHANNEL TYPE	BEAM MAX. ALLOWABLE LOAD (Kg)	DEFLECTION AT MAX. ALLOWABLE LOAD (mm)	COLUMN MAX. ALLOWABLE LOAD (KG)
250	FM2000	1032	0.21	3293
250	FM2001	1180	0.05	7085
500	FM2000	610	0.93	2655
500	FM2001	1180	0.36	6820
750	FM2000	405	2.11	1922
750	FM2001	1110	1.16	6397
1000	FM2000	305	3.77	1292
1000	FM2001	835	2.08	5850
1250	FM2000	245	5.86	904
1250	FM2001	670	3.25	5216
1500	FM2000	205	8.49	690
1500	FM2001	555	4.68	4533
1750	FM2000	175	11.52	557
1750	FM2001	476	6.34	3840
2000	FM2000	135	8.40	547
2000	FM2001	350	4.62	3178
2250	FM2000	127	19.06	403
2250	FM2001	371	10.49	2549
2500	FM2000	120	23.54	354
2500	FM2001	334	12.99	2065
2750	FM2000	110	28.48	315
2750	FM2001	300	15.67	2065
3000	FM2000	102	33.90	283
3000	FM2001	278	18.65	1434

**CONTACT INFO**

-  +6 012-307 3753
-  08:30AM - 05:30PM
-  08:30AM - 05:30PM

**ADDRESS**

No. 45 Jalan PJU 1A/15,  
Taman Perindustrian Jaya, Ara Damansara,  
46050 Selangor Darul Eshan, Malaysia