

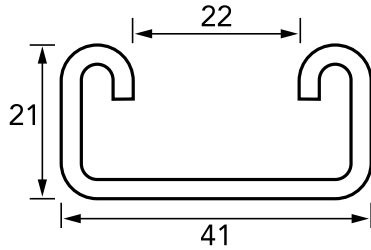
# C - Channels

## Channel With Elongated Holes

- Available with many dimensions and thicknesses
- Material: Hot - Dip Galvanized Iron
- High mechanical strength

# CHANNEL WITH ELONGATED HOLES

## 41 X 21 mm

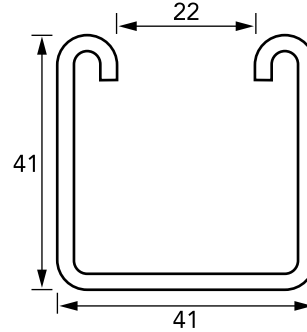


Available Thickness (MM)	Length (M)
1.2	3.0
1.5	3.0
1.8	3.0
2	3.0

### Beam Load Data

Span (L)	Allowable Load		Deflection		Uniform Load* @	
					L / 360	L / 180
[cm]	q [kN/m]	F [kN]	U [mm]	[L / X]	q [kN/m]	q [kN/m]
50	2.20	0.60	1.52	330	2.00	2.20
60	1.60	0.50	2.30	260	1.20	1.60
70	1.10	0.39	2.92	240	0.73	1.14
80	0.90	0.36	4.08	200	0.49	0.87
90	0.69	0.31	5.01	180	0.34	0.69
100	0.56	0.28	6.20	160	0.25	0.50
125	0.36	0.23	9.73	130	x	0.26
150	0.25	0.19	14.01	110	x	x
175	0.18	0.16	18.69	90	x	x
200	x	x	x	x	x	x
225	x	x	x	x	x	x
250	x	x	x	x	x	x
275	x	x	x	x	x	x
300	x	x	x	x	x	x

## 41 X 41 mm



Available Thickness (MM)	Length (M)
1.2	3.0
1.5	3.0
1.8	3.0
2	3.0

### Beam Load Data

Span (L)	Allowable Load		Deflection		Uniform Load* @	
					L / 360	L / 180
[cm]	q [kN/m]	F [kN]	U [mm]	[L / X]	q [kN/m]	q [kN/m]
50	8.10	2.00	0.85	580	8.10	8.10
60	5.60	1.70	1.23	490	5.60	5.60
70	4.10	1.40	1.66	420	4.10	4.10
80	3.20	1.30	2.21	360	3.20	3.20
90	2.50	1.10	2.77	320	2.30	2.50
100	2.00	1.00	3.38	300	1.60	2.00
125	1.30	0.80	5.36	230	0.80	1.30
150	0.90	0.70	7.69	190	0.50	0.90
175	0.66	0.60	10.45	170	0.30	0.60
200	0.51	0.50	13.78	150	0.20	0.40
225	0.40	0.50	17.31	130	x	0.30
250	0.32	0.40	21.11	120	x	0.20
275	0.27	0.37	26.07	110	x	x
300	0.23	0.35	31.46	100	x	x

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