

STEEL

CIRCULAR

MTS

HIRE & SALES

SECTIONS



This brochure contains MTS's Steel Circular Hollow Section (CHS) range. Standard Australian material grades for CHS range from C250, C350 and C450. CHS can also be offered in other materials grades if requested (i.e. ASTM grades, API grades, and more).

Get in Touch

Contact Number:

(+61) 408 998 985

Headquarters:

23 Niche Parade, Wangara 6065

Postal Address:

PO Box 5, Hillarys 6923



Contents

Definitions	3
Steel CHS Range.....	4
SMLS Pipe	4
SSAW Pipe	5
LSAW Pipe	6
ERW Pipe	7

Definitions

CHS – ‘Circular **H**ollow **S**ections’ (also known as steel pipe)– Structural section with a circular cross-sectional area. Widely used in marine and construction applications as piles or supports.

SMLS - **S**ea**M**less **S**teel Pipe – Type of manufacturing process.

SSAW – ‘**S**piral **S**ubmerged **A**rc **W**elded’ Steel Pipe – Type of manufacturing process.

LSAW – ‘**L**ongitudinal **S**ubmerged **A**rc **W**elded’ Steel Pipe – Type of manufacturing process.

ERW – ‘**E**lectric **R**esistance **W**elded’ Steel Pipe – Type of manufacturing process.

‘C’ – ‘**C**old’ formed sections.

‘250’ - Minimum yield strength of 250 mega-pascals (MPa).

‘350’ - Minimum yield strength of 350 mega-pascals (MPa).

‘450’ - Minimum yield strength of 450 mega-pascals (MPa).

OD – ‘**O**uter **D**iameter’ in millimeters.

The logo for MTS Hire & Sales is centered on the page. It features the letters 'MTS' in a large, bold, sans-serif font. Below 'MTS', the words 'HIRE & SALES' are written in a smaller, all-caps, sans-serif font. The entire logo is overlaid on a large, light gray diamond shape that has a double-line border.

Steel CHS Range

SMLS Pipe

OD (mm)	Wall Thicknesses (mm)																							
10.3	1.24	1.45	1.73	2.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.7	1.65	1.85	2.24	3.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.1	1.65	1.85	2.31	3.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.3	2.77	3.73	4.78	7.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.7	2.11	2.41	2.87	3.91	5.56	7.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33.4	2.77	2.90	3.38	4.55	6.35	9.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.2	2.77	2.97	3.56	4.85	6.35	9.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48.3	2.77	3.18	3.68	5.08	7.14	10.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60.3	2.11	2.77	3.18	3.58	3.91	4.37	4.78	5.54	6.35	7.14	8.74	11.07	-	-	-	-	-	-	-	-	-	-	-	-
73.0	2.77	3.05	3.18	3.56	3.96	4.37	4.78	5.16	5.49	6.35	7.01	9.35	14.02	-	-	-	-	-	-	-	-	-	-	-
88.9	4.37	4.78	5.49	6.35	7.14	7.62	11.13	15.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101.6	4.78	5.74	6.35	7.14	8.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114.3	4.78	5.16	5.56	6.02	6.35	7.14	7.92	8.56	11.13	13.49	17.12	-	-	-	-	-	-	-	-	-	-	-	-	-
141.3	4.78	5.56	6.55	7.14	7.92	8.74	9.53	12.70	15.88	19.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168.3	5.16	5.56	6.35	7.11	7.92	8.74	9.53	10.97	12.70	14.27	15.88	18.26	18.26	19.05	21.95	22.23	-	-	-	-	-	-	-	-
219.1	6.35	7.04	7.92	8.18	8.74	9.53	10.31	11.13	12.70	14.27	15.09	15.88	18.26	19.05	20.62	22.23	23.01	25.40	-	-	-	-	-	-
273.0	6.35	7.09	7.80	8.74	9.27	11.13	12.70	14.27	15.09	15.88	18.26	20.62	21.44	22.23	23.83	25.40	28.58	31.75	-	-	-	-	-	-
323.8	6.35	7.14	7.92	8.38	8.74	9.53	10.31	11.13	12.70	14.27	15.88	17.48	19.05	20.62	21.44	22.23	23.83	25.40	26.97	28.60	31.80	33.30	-	-
355.6	6.35	7.14	7.92	8.74	9.53	10.31	11.13	11.91	12.70	14.27	15.09	15.88	17.48	19.05	20.62	22.23	23.83	25.40	26.97	27.80	28.60	31.80	35.70	50.80
406.4	7.14	7.92	8.70	9.53	10.31	11.13	11.91	12.70	14.27	15.88	16.66	17.48	19.05	20.62	21.44	22.23	23.83	25.40	26.19	27.00	-	-	-	-
457.0	7.14	7.92	8.74	9.53	10.31	11.13	11.91	12.70	14.27	15.88	17.48	19.05	20.62	22.23	23.83	25.40	26.97	28.58	29.36	30.20	-	-	-	-
508.0	8.74	9.53	10.1	11.13	11.91	12.70	14.27	15.09	15.88	17.48	19.05	20.62	22.23	23.83	25.40	26.19	26.97	28.58	30.18	31.80	-	-	-	-
559.0	8.74	9.53	10.31	11.13	11.91	12.70	14.27	15.88	17.48	19.05	20.62	22.23	23.83	25.40	26.97	28.58	30.18	31.75	33.32	34.90	-	-	-	-
610.0	8.74	9.53	10.31	11.13	11.91	12.70	14.27	15.88	17.48	19.05	20.62	22.23	23.83	24.61	25.40	26.97	28.58	30.18	30.96	31.80	33.30	34.90	36.50	38.10
660.0	9.53	10.31	11.13	11.91	12.70	14.27	15.88	17.48	19.05	20.62	22.23	23.83	25.14	-	-	-	-	-	-	-	-	-	-	-
711.0	9.53	10.31	11.13	11.91	12.70	14.27	15.88	17.48	19.05	20.62	22.23	23.83	25.40	-	-	-	-	-	-	-	-	-	-	-
762.0	9.53	10.31	11.13	11.91	12.70	14.27	15.88	17.48	19.05	20.62	22.23	23.83	25.40	26.97	28.58	30.18	31.75	-	-	-	-	-	-	-

ERW Pipe

OD (mm)	Wall Thicknesses (mm)																															
	1.0	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0
21.3	1.0	2.0	2.5	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26.7	1.0	2.0	2.5	3.0	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
33.7	1.0	2.0	2.5	3.0	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
42.3	1.0	2.0	2.5	3.0	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
48.3	-	2.0	2.5	3.0	3.5	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
60.3	-	2.0	2.5	3.0	3.5	4.0	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
73	-	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
88.9	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101.6	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
114.3	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
121	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
127	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
139.7	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168.3	-	-	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
177.8	-	-	-	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
193.7	-	-	-	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
219.1	-	-	-	-	-	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-
244.5	-	-	-	-	-	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-
273	-	-	-	-	-	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-
323.9	-	-	-	-	-	-	-	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	13.0	14.0	-	-	-	-	-	-	-	-	-	-	-
355.6	-	-	-	-	-	-	-	-	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	-	-	-	-	-	-	-	-	-	-
406.4	-	-	-	-	-	-	-	-	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	-	-	-	-	-	-	-	-	-	-
457.2	-	-	-	-	-	-	-	-	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	-	-	-	-	-	-	-
508	-	-	-	-	-	-	-	-	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	-	-	-	-
559	-	-	-	-	-	-	-	-	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	-	-	-
610	-	-	-	-	-	-	-	-	5.5	6.0	6.5	7.0	7.5	8.0	9.0	9.5	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0