

LET'S MOVE THE WORLD

WELDED
AND COLD
DRAWN TUBES

The logo for CMC Italia srl features the letters 'CMC' in a large, white, sans-serif font. A thin horizontal line is positioned above the 'C' and 'M'. A small circle is placed above the 'C'. Below the 'CMC' text, the words 'Italia srl' are written in a smaller, white, sans-serif font.

CMC Italia srl



6.

WELDED AND COLD-DRAWN TUBES H9

C.M.C. ITALIA is internationally known for its reliability in the processing and distribution of metal bars and tubes.

The range of products supplied by C.M.C. ITALIA includes welded and cold-drawn tubes H9. During the cold drawing process, these tubes are given im-

proved circularity. The high accuracy of the ID (inside diameter) meets the H9 and H10 tolerances of the UNI EN ISO 286-2 standard.

C.M.C. ITALIA provides welded and cold-drawn tubes H9 to manufacture hydraulic and pneumatic cylinders.

WELDED AND COLD DRAWN TUBES

DIMENSIONAL RANGE

Ø EXTERNAL	Ø INTERNAL	TOLERANCE	THICKNESS	Kg/m	PRESSURE bar
30	20	H9	5	3.08	773
35	25	H9	5	3.70	662
40	30	H9	5	4.32	563
40	32	H9	4	3.55	450
42	32	H9	5	4.56	524
45	35	H9	5	4.93	508
50	40	H9	5	5.55	465
55	45	H9	5	6.17	425
60	45	H9	7.5	9.71	680
60	50	H9	5	6.78	396
62	50	H9	6	8.29	452
65	50	H9	7.5	10.63	535
65	55	H9	5	7.40	370
70	55	H9	7.5	11.56	497
70	60	H9	5	8.01	343
72	60	H9	6	9.77	391
73	63	H9	5	8.38	337
75	60	H9	7.5	12.48	464
75	63	H9	6	10.21	383
75	65	H9	5	8.63	329
80	65	H9	7.5	13.41	435
80	70	H9	5	9.25	309
82	70	H9	6	11.24	349
85	70	H9	7.5	14.33	409
85	75	H9	5	9.86	295
90	75	H9	7.5	15.26	386
90	80	H9	5	10.48	274
92	80	H9	6	12.72	311
95	80	H9	7.5	16.18	366
95	85	H9	5	11.10	268
100	85	H9	7.5	17.11	348
100	90	H9	5	11.71	254
102	90	H9	6	14.20	285
105	90	H9	7.5	18.03	331
105	95	H9	5	12.33	254
110	95	H9	7.5	18.96	316
110	100	H9	5	12.95	254
115	100	H9	7.5	19.88	302
120	105	H9	7.5	20.81	290
125	110	H9	7.5	21.73	278

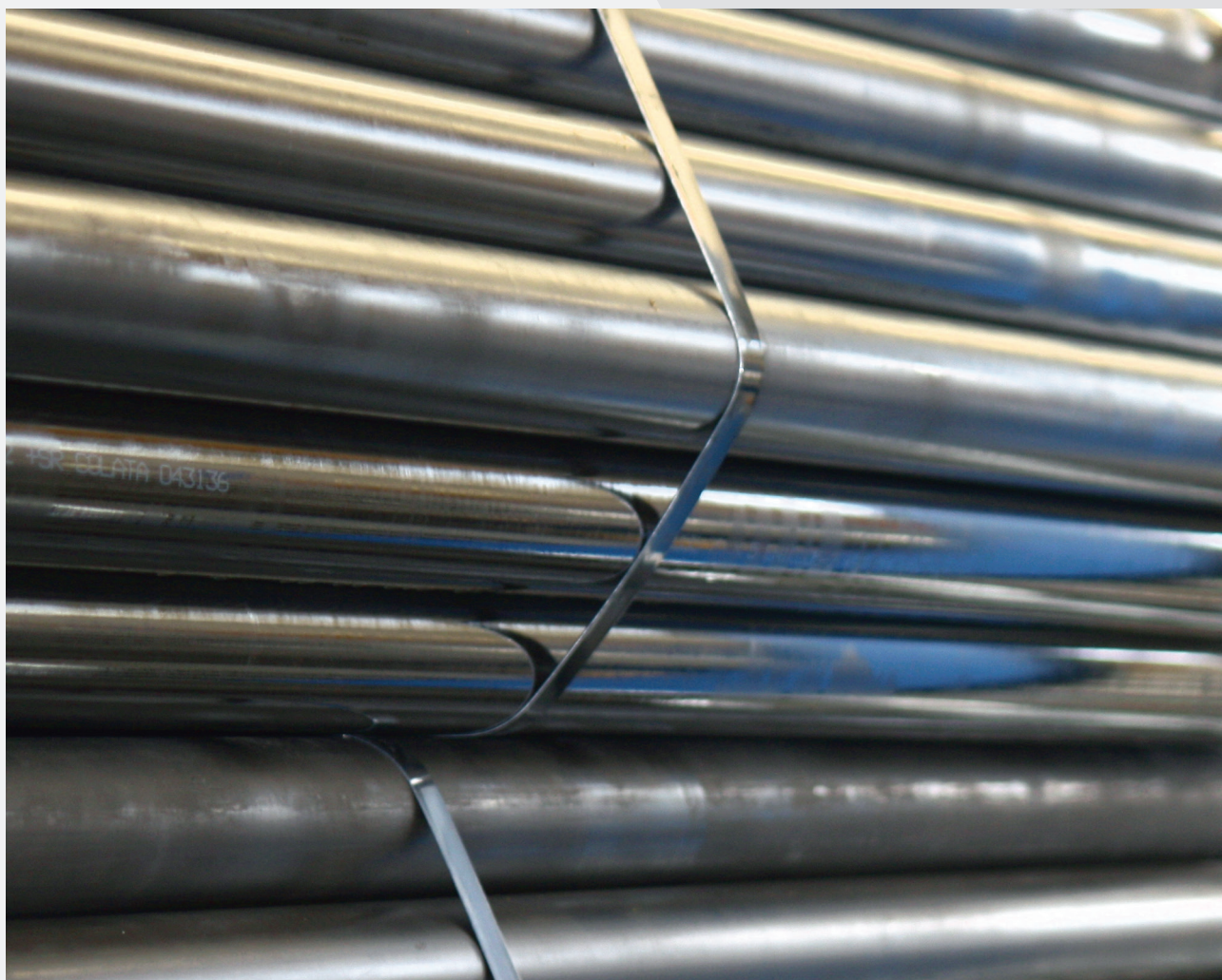
Working pressure according to din 2413/1 security degrees =2.0
We could provide also outside chromed tubes.

TECHNICAL CHARACTERISTICS

TOLERANCE		STRAIGHTNESS	ROUGHNESS	SUPPLY CONDITION
<i>Internal</i>	<i>External</i>	mm	ISO 468	<i>Bright Drawn</i>
ISO H9/H10	EN 10305-2	Max1.0/1000	Ra 0.8μ	C - BK

MECHANICAL PROPERTIES

STEEL		TENSILE STRENGTH	YIELD POINT	ALLUNGATION	HARDNESS
		<i>R_m</i> N/mm ²	<i>R_s</i> N/mm ²	<i>A₅</i> min%	<i>HB</i>
E355 + C	UNI EN10305-2	600	540	5	190



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