

LET'S MOVE THE WORLD

HARD CHROME
PLATED TUBES

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

CMC Italia srl



5.

HARD CHROME PLATED TUBES FOR HYDRAULIC CYLINDERS

C.M.C. ITALIA has been present for more than 25 years in the international market of metal bars and tubes thanks to its first-rate products and processing. To meet the needs of the hydraulic industry, the company offers a wide range of hard chrome plated

tubes. These products are particularly suitable for the production of hydraulic and pneumatic cylinders, as they are versatile enough to be used in a variety of applications.

Standard range:
from Ø12x8 to Ø120x100 mm

Steel quality: 20MnV6 / E335
Straightness: max 1,0/1000 mm

HARD CHROME PLATED TUBES

DIMENSIONAL RANGE

THICKNESS	DIAMETER	Kg / m
2	12 x 8	0,49
3	16 x10	0,96
3	20 x 14	1,26
3	30 x 24	2,00
3,5	25 x 18	1,86
4	32 x 24	2,76
5	25 x 15	2,47
5	30 x 20	3,09
5	35 x 25	3,7
5	40 x 30	4,32
5	45 x 35	4,93
5	50 x 40	5,55
5	55 x 45	6,16
5	60 x 50	6,78
5	65 x 55	7,4
5	70 x 60	8,01
5	80 x 70	9,24
5	90 x 80	10,48
5	100 x 90	11,71
7,5	30 x 15	4,17
7,5	35 x 20	5,09

THICKNESS	DIAMETER	Kg / m
7,5	40 x 25	6,01
7,5	45 x 30	6,93
7,5	50 x 35	7,86
7,5	55 x 40	8,79
7,5	60 x 45	9,71
7,5	65 x 50	10,63
7,5	70 x 55	11,56
7,5	80 x 65	13,41
7,5	90 x 75	15,26
7,5	100 x 85	17,11
10	40 x 20	7,4
10	45 x 25	8,63
10	50 x 30	9,86
10	55 x 35	11,1
10	60 x 40	12,33
10	65 x 45	13,56
10	70 x 50	14,8
10	80 x 60	17,26
10	90 x 70	19,73
10	100 x 80	22,19
10	120 x 100	27,13

TECHNICAL CHARACTERISTICS

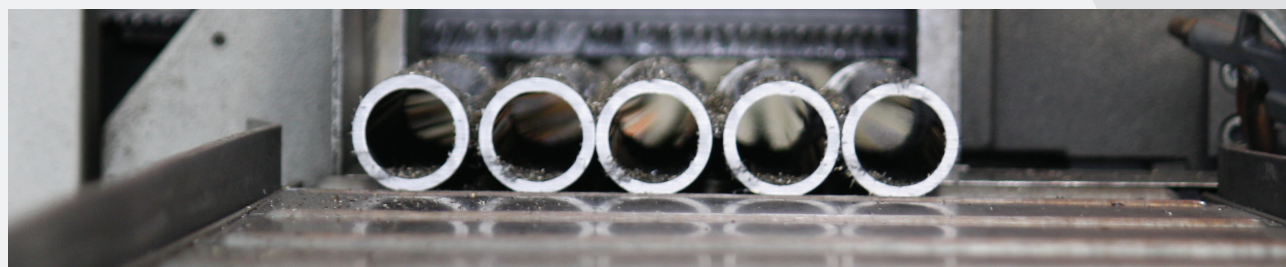
STEEL GRADE	TOLERANCE	STRAIGHTNESS	ROUGHNESS	
			Ra MAX	Rt MAX
E355 + SR	EN10305	ISO f7	0,2µm	3,00µm

MECHANICAL PROPERTIES

STEEL GRADE	TENSILE STRENGTH	YIELD POINT	ELONGATION
	Rm N/mm ²	Rs P/mm ²	A ₂ min%
E355 + SR	min. 580	min.450	min.10

CHEMICAL ANALYSIS

STEEL	C (%)	Si (%)	Mn (%)	Si (%)	Cr (%)	P (%)	Cr (%)	Mo (%)	V (%)
E355	max 0,22	max 0,55	max 1,60	0,1±0,50	-	max 0,025	-	-	-



On request we can supply not standard diameters.

WWW.CMCITALIA.BIZ

Tel. (+39) 039.6815240
Fax (+39) 039.6815236
E-mail: info@cmcitalia.biz

VIMERCATE

Cascina San Paolino, 2
(Via S.M. Molgora)
20871 Vimercate (MB)

BURAGO

Via Ampere, 4
20875 Burago di Molgora (MB)

