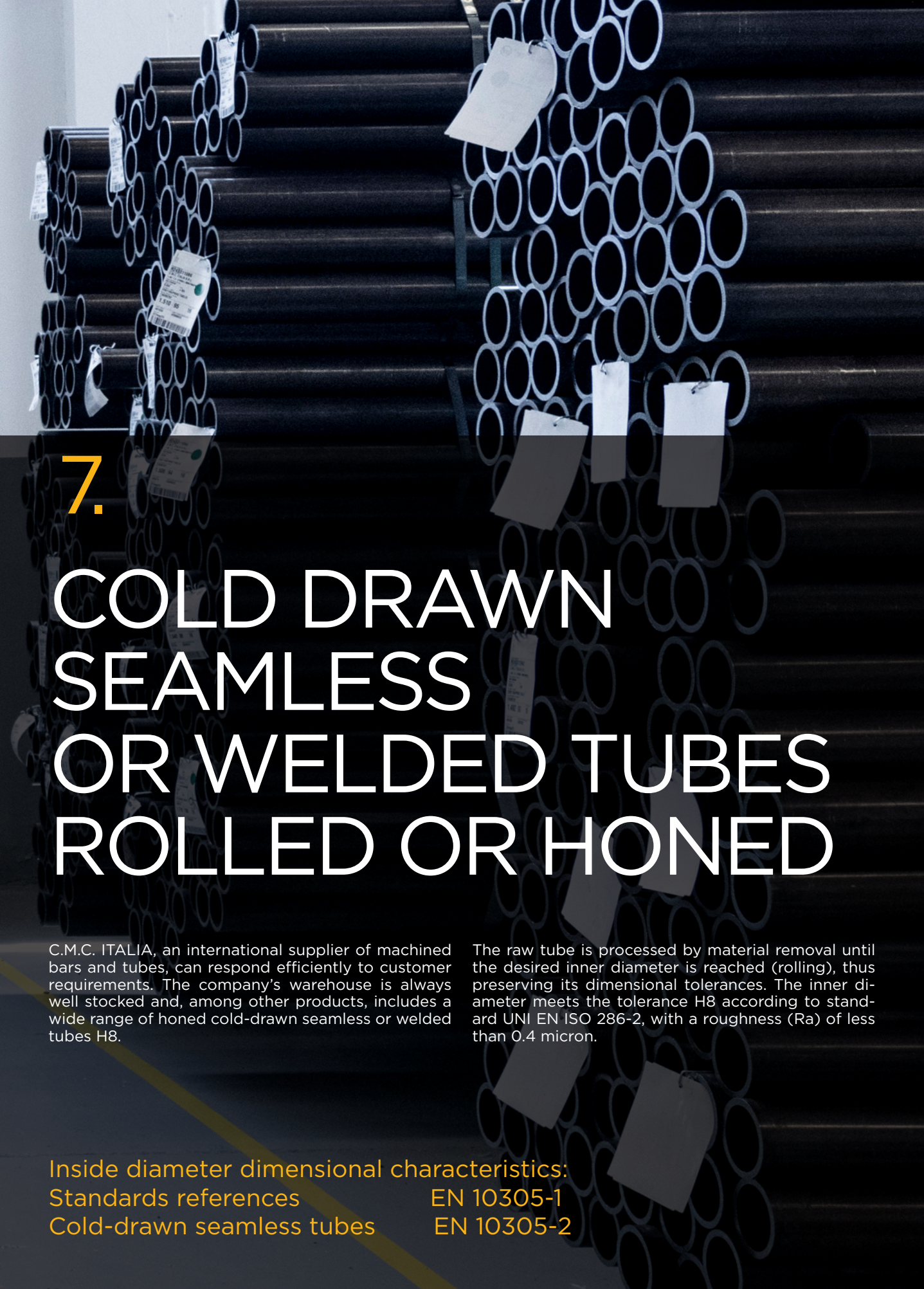


LET'S MOVE THE WORLD

COLD DRAWN
SEAMLESS
OR WELDED TUBES
ROLLED OR HONED



7.

COLD DRAWN SEAMLESS OR WELDED TUBES ROLLED OR HONED

C.M.C. ITALIA, an international supplier of machined bars and tubes, can respond efficiently to customer requirements. The company's warehouse is always well stocked and, among other products, includes a wide range of honed cold-drawn seamless or welded tubes H8.

The raw tube is processed by material removal until the desired inner diameter is reached (rolling), thus preserving its dimensional tolerances. The inner diameter meets the tolerance H8 according to standard UNI EN ISO 286-2, with a roughness (Ra) of less than 0.4 micron.

Inside diameter dimensional characteristics:
Standards references EN 10305-1
Cold-drawn seamless tubes EN 10305-2

COLD DRAWN SEAMLESS OR WELDED TUBES ROLLED OR HONED

MECHANICAL PROPERTIES

STEEL		TENSILE STRENGTH	YIELD POINT	ELONGATION
		R_m N/mm ²	R_s N/mm ²	A_5 min%
E355 + SR	EN 10305-1	> 580	> 520	12
E355 + SR	EN 10305-2	> 580	> 520	12

TECHNICAL CHARACTERISTICS

TOLERANCE		STRAIGHTNESS	ROUGHNESS	SUPPLY CONDITION
<i>Internal</i>	<i>External</i>	mm	ISO 468	<i>Stress Relieved Annealed</i>
ISO H8	EN 10305	Max1.0/1000	Ra 0.4µm	SR (BK+S)

Seamless or welded tubes ready to be honed could be available.



DIMENSIONAL RANGE

Ø INTERNAL	Ø EXTERNAL	THICKNESS	Kg/m
25	35	5	3,70
30	40	5	4,32
30	45	7,5	6,94
32	40	4	3,55
32	42	5	4,56
35	45	5	4,93
35	50	7,5	7,86
40	50	5	5,55
40	52	6	6,81
40	55	7,5	8,79
40	60	10	12,33
45	55	5	6,17
45	60	7,5	9,71
45	65	10	13,56
50	60	5	6,78
50	62	6	8,29
50	65	7,5	10,63
50	70	10	14,80
55	65	5	7,40
55	70	7,5	11,56
55	75	10	16,03
60	70	5	8,01
60	72	6	9,77
60	75	7,5	12,48
60	80	10	17,26
63	73	5	8,38
63	75	6	10,21
63	78	7,5	13,04
63	83	10	18,00
65	75	5	8,63
65	80	7,5	13,41
65	85	10	18,50
70	80	5	9,25
70	82	6	11,24
70	85	7,5	14,33
70	90	10	19,73
75	85	5	9,86
75	90	7,5	15,26
75	95	10	20,96
80	90	5	10,48
80	92	6	12,72
80	95	7,5	16,18
80	100	10	22,19
80	105	12,5	28,51
80	110	15	35,14
85	95	5,0	11,10
85	100	7,5	17,11
85	105	10	23,43
90	100	5	11,71
90	102	6	14,20
90	105	7,5	18,03
90	110	10	24,66
90	115	12,5	31,60
95	110	7,5	18,96
95	115	10	25,89
100	110	5	12,95
100	112	6	15,68
100	115	7,5	19,88

Ø INTERNAL	Ø EXTERNAL	THICKNESS	Kg/m
100	120	10	27,13
100	125	12,5	34,68
100	130	15	42,54
105	120	7,5	20,81
105	125	10	28,36
110	120	5	14,18
110	125	7,5	21,73
110	130	10	29,59
110	140	15	46,24
115	130	7,5	22,66
115	135	10	30,83
115	140	12,5	39,30
120	130	5	15,41
120	135	7,5	23,58
120	140	10	32,06
120	145	12,5	40,84
120	150	15	49,94
120	160	20	69,05
125	140	7,5	24,51
125	145	10	33,29
125	150	12,5	42,38
125	155	15	51,79
130	140	5	16,65
130	145	7,5	25,43
130	150	10	34,52
130	155	12,5	43,93
130	160	15	53,64
135	150	7,5	26,36
135	160	12,5	45,47
140	150	5	17,88
140	155	7,5	27,28
140	160	10	36,99
140	165	12,5	47,01
140	170	15	57,33
140	180	20	78,91
145	160	7,5	28,20
145	165	10	38,22
150	160	5	19,11
150	165	7,5	29,13
150	170	10	39,46
150	175	12,5	50,09
150	180	15	61,03
160	170	5	20,34
160	180	10	41,92
160	185	12,5	53,17
160	190	15	64,73
160	200	20	88,78
170	190	10	44,39
170	200	15	68,43
180	200	10	46,85
180	210	15	72,13
180	220	20	98,64
190	220	15	75,83
200	220	10	51,79
200	225	12,5	65,50
200	230	15	79,53
200	240	20	108,50
200	245	22,5	123,45

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