

## TECHNICAL SPECIFICATIONS AND TOLERANCES

### TOLERANCES

**DIAMETER:** tolerance f7 according to EN ISO 286-2, see dimensional table at page 9. Upon request it is possible to supply chromed bars with diameter according to tolerance h7 according to EN ISO 286-2.

**STRAIGHTNESS:** maximum 0.3 mm/m on the total length of the bar.

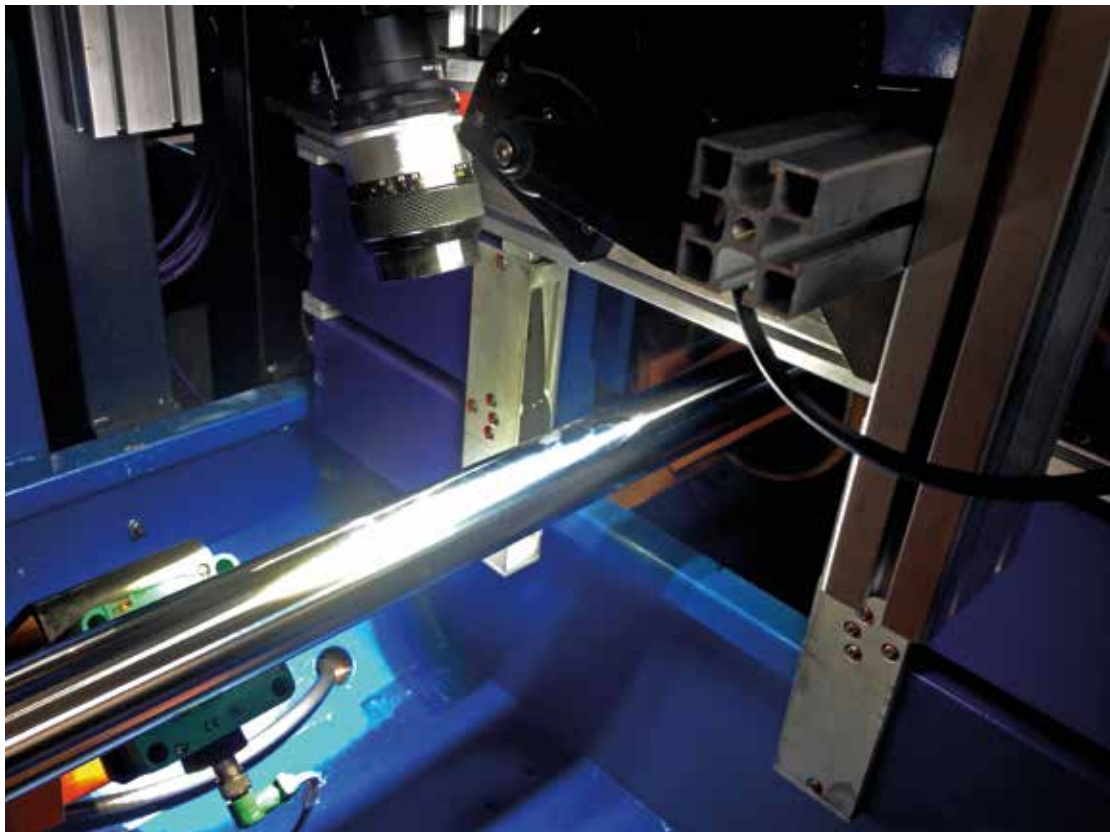
### TECHNICAL SPECIFICATIONS

**THICKNESS OF CHROMIUM LAYER:** for bars with diameter from 8 to 18 mm,  $20 \pm 5 \mu\text{m}$   
for bars with diameter from 20 to 200 mm,  $25 \pm 5 \mu\text{m}$   
**The coating is always Hexavalent Chromium free (CrVI free).**

**SURFACE MICROHARDNESS:**  $1000 \pm 100$  Vickers.

**SURFACE ROUGHNESS:**  $Ra 0,15 \pm 0,05 \mu\text{m}$ .

**RESISTANCE TO CORROSION:** 200 h rating 9 according to ISO 9227 (tested by salt spray).





## SIZE RANGE

Diameter mm	Diameter inches	Mass Kg/m	Tolerance on diameter mm	
			f7	h7

8	-	0.39	-0.013	+0
10	-	0.61	-0.028	-0.015

12	-	0.88	-0.016 -0.034	+0 -0.018
12.7	½	0.99		
14	-	1.21		
15	-	1.39		
15.88	5/8	1.55		
16	-	1.58		
18	-	2.00		

19	-	2.22	-0.020 -0.041	+0 -0.021
19.05	¾	2.24		
20	-	2.46		
22	-	2.98		
22.22	7/8	3.04		
24	-	3.55		
25	-	3.85		
25.40	1	3.98		
28	-	4.83		
28.57	1 1/8	5.03		
30	-	5.55		

31.75	1 ¼	6.21	-0.025 -0.050	+0 -0.025
32	-	6.31		
34.92	1 3/8	7.51		
35	-	7.55		
36	-	7.99		
38	-	8.90		
38.10	1 ½	8.95		
40	-	9.86		
42	-	10.87		
44.45	1 ¾	12.18		
45	-	12.48		
48	-	14.19		
50	-	15.41		

Diameter mm	Diameter pollici	Mass Kg/m	Tolerance on diameter mm	
			f7	h7

50.80	2	15.90	-0.030 -0.060	+0 -0.030
55	-	18.64		
56	-	19.32		
57.15	2 ¼	20.13		
60	-	22.18		
63	-	24.46		
63.50	2 ½	24.85		
65	-	26.04		
69.85	2 ¾	30.07		
70	-	30.20		
75	-	34.66		
76.20	3	35.78		
80	-	39.44		

82.55	3 ¼	41.99	-0.036 -0.071	+0 -0.035
85	-	44.52		
88.9	3 ½	48.69		
90	-	49.91		
95	-	55.60		
100	-	61.62		
101.60	4	63.61		
105	-	67.92		
110	-	74.56		
114.3	4 ½	80.49		
115	-	81.48		
120	-	88.74		

125	-	96.29	-0.043 -0.083	+0 -0.040
130	-	104.33		
140	-	120.76		
150	-	138.62		
160	-	157.72		
170	-	178.05		
180	-	190.62		
200	-	246.44		