

Products



Type "LUS" carbon chromium plated steel bars tol. f7
EN 10083/1:2 C45



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In ground and hard chromium plated carbon steel with a high degree of precision and finishing suitable for the manufactures of shaft for hydarulic and pneumatic cylinders.

Technical characteristics

Base material:	UNI EN 10083/1:2 C45 Steel
Chromium facing:	5/100 sul $\varnothing \pm 1/100$
Concentricity of chromium facing:	$\pm 2 \mu\text{m}$
Average roughness of chromium facing:	Ra 0,10 \div 0,25 μm
Average hardness of chromium facing:	Hrc 66 \div 68
Dimensional tolerance:	ISO f7
Straightness:	0,5 mm x 1000 mm measured every 1000 mm
Rating:	9
Resistance in neutral saline mist:	Norma ISO 9227 (NSS) min. 200 hours
Lenght of bars:	6 \div 7 metres

Dimensional range available in stock

\varnothing mm	theorich weight Kg/m	\varnothing mm	theorich weight Kg/m
6	0,22	48	14,20
8	0,39	50	15,40
10	0,31	52	16,67
11	0,75	55	18,70
12	0,88	56	19,30
14	1,21	60	22,20
15	1,39	63	24,50
16	1,58	65	26,00
18	2,00	70	30,20
20	2,47	75	34,70
22	2,98	80	39,50
24	3,55	85	44,54
25	3,85	90	49,94
28	4,83	95	55,61
30	5,55	100	61,65
32	6,31	110	74,60
35	7,55	120	88,78
36	7,99	125	96,50
38	8,90	130	104,20
40	9,86	140	120,80
42	10,90	150	138,70
45	12,50	160	157,80

Other dimensions are supplied on request.