



Induction-hardened Chrome Plated Bar

Code: **IKM**

These chrome plated bars have a bright surface and induction-hardened (58-60 HRC). They are also used as hydraulic shafts/bars or as pillar for linear bearing systems. You can buy from our stocks with special packages of 1 metre in standard lengths and you can also buy in one-piece from 2 metres to 17 metres. Please specify the desired length type when ordering (if not standard).

Material: CK45

Induction Hardness Depth: > 2 mm

Hardness: 58-60 HRC

Chrome Layer Thickness: Min. 20 Micron

Chrome Layer Hardness: 850 - 1150 Vickers

Tolerance: ISO f7

Straightness: 0,05 / 1000 mm

Surface Roughness: Ra 0,20 / 0,25 Micron

Hard Chrome Plated Bar

Code: **SKM**

These chrome plated bars have a bright surface. They are also used as hydraulic shafts/bars or as pillar for linear bearing systems. You can buy from our stocks with special packages of 1 metre in standard lengths and you can also buy in one-piece from 2 metres to 17 metres. Please specify the desired length type when ordering (if not standard).

Material: CK45

Chrome Layer Thickness: Min. 20 Micron

Chrome Layer Hardness: 850 - 1150 Vickers

Tolerance: ISO f7

Straightness: 0,05 / 1000 mm

Surface Roughness: Ra 0,20 / 0,25 Micron

* Dimension tables are valid for both products (IKM & SKM).

Reference	Diameter	Length	Weight / 1 Metre
008	8 mm	1 Metre	0.390 kg
010	10 mm		0.620 kg
012	12 mm		0.890 kg
013	13 mm		1.040 kg
014	14 mm		1.210 kg
015	15 mm		1.390 kg
016	16 mm		1.580 kg
017	17 mm		1.780 kg
018	18 mm		2.000 kg
019	19 mm		2.220 kg
020	20 mm		2.460 kg
022	22 mm		2.980 kg
024	24 mm		3.550 kg
025	25 mm		3.927 kg
028	28 mm		4.927 kg
030	30 mm		5.650 kg
032	32 mm		6.440 kg
035	35 mm		7.700 kg
036	36 mm		8.140 kg
038	38 mm		9.080 kg
040	40 mm	10.06 kg	
042	42 mm	11.09 kg	
045	45 mm	12.72 kg	
047	47 mm	13.89 kg	
048	48 mm	14.48 kg	

Reference	Diameter	Length	Weight / 1 Metre
050	50 mm	1 Metre	15.71 kg
055	55 mm		19.00 kg
056	56 mm		19.71 kg
060	60 mm		22.63 kg
063	63 mm		24.94 kg
065	65 mm		26.55 kg
070	70 mm		30.78 kg
075	75 mm		35.34 kg
080	80 mm		40.21 kg
085	85 mm		45.40 kg
090	90 mm		50.90 kg
095	95 mm		56.71 kg
100	100 mm		62.83 kg
105	105 mm		69.27 kg
110	110 mm		76.04 kg
115	115 mm		83.10 kg
120	120 mm		90.48 kg
125	125 mm		96.25 kg
130	130 mm		104.10 kg
140	140 mm		120.74 kg
150	150 mm	138.60 kg	
160	160 mm	157.70 kg	
180	180 mm	199.59 kg	
200	200 mm	246.40 kg	

Reference	Diameter	Length	Weight / 1 Metre
C01	1/2 inch (12.700 mm)	1 Metre	0.99 kg
C02	5/8 inch (15.875 mm)		1.55 kg
C03	3/4 inch (19.050 mm)		2.24 kg
C04	1 inch (25.400 mm)		4.05 kg
C05	1 1/4 inch (31.750 mm)		6.34 kg
C06	1 3/8 inch (37.975 mm)		7.69 kg
C07	1 1/2 inch (38.100 mm)		9.12 kg
C08	1 3/4 inch (44.450 mm)		12.42 kg
C09	2 inch (50.800 mm)		16.22 kg
C10	2 1/4 inch (57.150 mm)		20.52 kg
C11	2 1/2 inch (63.500 mm)		25.34 kg
C12	2 3/4 inch (69.850 mm)		30.65 kg
C13	3 inch (76.200 mm)		36.49 kg
C14	3 1/4 inch (82.550 mm)		42.82 kg
C15	3 1/2 inch (88.900 mm)		49.65 kg
C16	4 inch (101.600 mm)		64.86 kg
C17	4 1/2 inch (107.950 mm)		73.22 kg
C18	4 3/4 inch (114.300 mm)		82.09 kg
C19	5 inch (127.000 mm)		99.35 kg

* As standard, lengths in our stocks are 1 metre. However, you can order the products in one-piece or cut lengths.

* The specified kilogram information is approximate.

* All "Hard Chrome Plated Bars" & "Cold-drawn Seamless Tubes" are packaged by us in their special packaging.

Type of Packaging: The bars are covered with 1 mm thick plastic protection.

It is recommended that plastic protection be done without stripping off the bar during cutting.

With plastic protection, there is no problem in cutting with dry or wet.

Order: Code. Reference

Order Example: IKM. 025