



## Cold Work Tool Steel

Code: **CC**

Cylindrical recess material very suitable for production sector / mounting industry, especially mould production. Ensures compliance to usage with its suitable hardness surface brightness - stainless - flexibility, it is an essential product for equipment and tool production.

**Cold work tool steel** (Böhler) can be supplied with a wide variety and high quality selection from our company stocks. The desired hardness can be obtained with simple heat processing method as per request.

**Hot Forming and Heat Treatment:** **DIN 17006**

<b>Forging Anneal</b>	: 1050 - 800°C
<b>Soft Anneal</b>	: 700 - 720°C
<b>Anneal Hardness</b>	: Max. 280 HB
<b>Stress Relief Annealing</b>	: 600°C
<b>Pre-Heat For Hardening</b>	: 650°C
<b>Hardening (Quenching)</b>	: Up to 12 mm at 780-800°C oil Up to 12-20 mm at 780-800°C water Up to 20-40 mm at 780-820°C water Up to 40-60 mm at 810-830°C water
<b>Tempering</b>	: 180 - 200°C - 1 hour / 25 mm

Presented as: 2 Metre / as per request: 1 Metre

Order	Dia. mm	Kg/mt.	Order	Dia. mm	Kg/mt.
CC20	2.0	0.040	CC90	9.0	0.500
CC25	2.5	0.050	CC95	9.5	0.560
CC30	3.0	0.060	CC100	10	0.620
CC35	3.5	0.080	CC105	10.5	0.700
CC40	4.0	0.100	CC110	11	0.750
CC45	4.5	0.130	CC115	11.5	0.820
CC50	5.0	0.160	CC120	12	0.900
CC55	5.5	0.200	CC125	12.5	0.980
CC60	6.0	0.230	CC130	13	1.050
CC65	6.5	0.280	CC140	14	1.250
CC70	7.0	0.310	CC150	15	1.400
CC75	7.5	0.400	CC160	16	1.600
CC80	8.0	0.410	CC170	17	1.800
CC85	8.5	0.450	CC180	18	2.000
			CC190	19	2.300
			CC200	20	2.500
			CC210	21	2.800
			CC220	22	3.000
			CC230	23	3.300
			CC240	24	3.600
			CC250	25	3.900
			CC300	30	5.600
			CC320	32	6.400
			CC350	35	7.600
			CC400	40	9.900



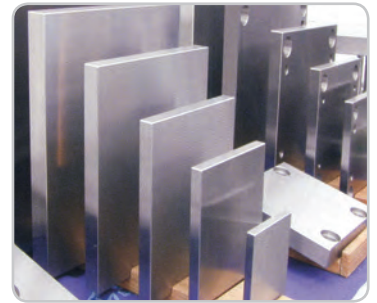
Order:  
CC. Diameter

**Chemical Analysis:**  
% C1,15-CR 0.70-V 0.10

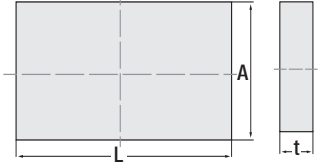
**Material:** 115 CR V 3  
acc. to DIN 17006

## Standard Ground Mould Plates

A	L	Thickness (t)								
		27	37	47	57	67	77	87	97	107
156	156									
	196									
	246									
	296									
	346									
196	196									
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## Ground Mould Plates Code: EKP Standard & Custom-made



Precision machined and grinded plates are prepared as rectangular, square or as per request in the desired dimensions, also hole, pool, core space and similar processes can be done on plate, the desired precision tolerances excluding standard dimensions are applied. Surfaces are milled / precision perpendicularity and roughness are provided, precision surfaces ground plates with CK,45 / tool steel material are available in our stocks normatively or can be supplied in 2-3 working days. In addition, except our standard materials, the production in desired materials (alloy aluminium or quality steel material) is possible. All of these processes are produced within the structure of our company, then they are presented to our customers by providing cost saving. We are an accomplished and dedicated and customer oriented company with our experience and knowledge, advantages of being ahead and with our presentations of GTH Die & Mould Components improved by our side and needed by the whole world market and with unquestionable quality.



Order:  
EKP. A x L x t

Your standard order is selected from table or for your custom-made orders, technical drawing is required.

