



### 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**

- Forging Anneal** : 1050 - 800°C
- Soft Anneal** : 700 - 720°C
- Anneal Hardness** : Max. 280 HB
- Stress Relief Annealing** : 600°C
- Pre-Heat For Hardening** : 650°C
- Hardening (Quenching)** : 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
- Tempering** : 180 - 200°C - 1 hour / 25 mm

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

Order	Dia. mm	Kg/mt.
CC20	2.0	0.040
CC25	2.5	0.050
CC30	3.0	0.060
CC35	3.5	0.080
CC40	4.0	0.100
CC45	4.5	0.130
CC50	5.0	0.160
CC55	5.5	0.200
CC60	6.0	0.230
CC65	6.5	0.280
CC70	7.0	0.310
CC75	7.5	0.400
CC80	8.0	0.410
CC85	8.5	0.450

Order	Dia. mm	Kg/mt.
CC90	9.0	0.500
CC95	9.5	0.560
CC100	10	0.620
CC105	10.5	0.700
CC110	11	0.750
CC115	11.5	0.820
CC120	12	0.900
CC125	12.5	0.980
CC130	13	1.050
CC140	14	1.250
CC150	15	1.400
CC160	16	1.600
CC170	17	1.800
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:**  
% C 1,15-CR 0.70-V 0.10

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

### Standard Ground Mould Plates

A	L	Thickness (t)								
		26	36	46	56	66	76	86	96	106
156	156									
	196									
	246									
	296									
	346									
196	196									
	246									
	296									
	346									
	396									
246	246									
	296									
	346									
	396									
	446									
296	296									
	346									
	396									
	446									
	496									
346	346									
	396									
	446									
	496									
	546									
396	396									
	446									
	496									
	546									
	596									
446	446									
	496									
	546									
	596									
	646									
496	496									
	546									
	596									
	646									
	696									
546	496									
	546									
	596									
	646									
	696									
596	496									
	546									
	596									
	646									
	696									
646	496									
	546									
	596									
	646									
	696									
696	496									
	546									
	596									
	646									
	746									
746	496									
	546									
	596									
	646									
	746									
796	496									
	546									
	596									
	646									
	796									



### 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 CK45 / 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**

Material: **CK45**

