



Cold Work Tool Steel

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

: 1050 - 800°C Forging Anneal Soft Anneal 700 - 720°C Max. 280 HB **Anneal Hardness** 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:				
	CC. Diameter				

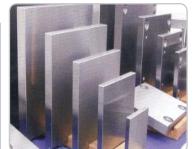
Chemical Analysis: % C1,15-CR 0.70-V 0.10

Material: 115 CR V 3 acc. to DIN 17006

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			

Standard Ground Mould Plates Thickness (t)

Α	L	Thickness (t)								
^	•	26	36	46	56	66	76	86	96	106
	156									
	196									
156										
130	296									
	346									
	196									
	246									
196	296									
	346									
	396									
	246									
	296									
	346									
246	396									
	446									
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	296									
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296	446									
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	546									
496	596									
	646									
	696									
	746									
	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. $A \times L \times t$

Material: CK45

