

Workability of most common steels

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Material Cod. DIN	Annealed steel			After heat treatment		
	Strengthness N/mm2	HB30 - Brinell Hardness	Workabilty %	Strengthness N/mm2	HB30- Brinell hardness	Workability %
C 10	470	135	100	560	165	90
C 15	490	145	95	685	200	60
15 Cr 3	570	165	90	790	235	50
16MnCr5	630	200	80	930	270	45
20MnCr5	730	210	75	1120	330	30
15CrNi6	770	220	65	1030	300	35
18CrNi8	810	235	60	1080	315	30
14 Ni 6	550	160	80			
14NiCr14	750	217	55			
C 35	520	170	75	670	200	65
C 45	580	210	70	730	220	60
30 Mn 5	750	217	65	825	240	55
34 Cr 4	750	217	65	885	260	50
41 Cr 4	750	217	55	975	285	45
37MnSi5	750	217	65	950	280	40
42CrV6	750	217	55	1150	340	35
25CrMo4	750	217	65	875	260	50
42CrMo4	750	217	60	1050	305	35
36CrNiMo4	750	217	50	1025	300	35
30CrMoV9	860	255	45	1200	355	25