

Approximate correlation between tensile strength and hardness

Tensile Strength N/mm ²	Rockwell HRC	G8.8		G10.9	G12.9			
		≤ M16	> M16					
800	22.2	22-32 HRC						
820	23.1							
835	24.0							
850	24.8							
865	25.6							
880	26.4							
900	27.1							
915	27.8							
930	28.5							
950	29.2							
965	29.8							
995	31.0							
1030	32.3		23-34 HRC					
1060	33.3							
1095	34.4							
1125	35.5							
1155	36.6							
1190	37.7							
1220	38.8							
1255	39.8		32-39 HRC					
1290	40.8							
1320	41.8							
1350	42.7							
1385	43.6							
							39-44 HRC	

