

## Metal / Grey Cast Iron

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For the comparison of the mechanical characteristics of our most used alloys we developed this overview. The data are valid for separated casted test bars. The material properties „in the cast part “can deviate partially substantially from those of the probes. We cast more than the further alloys. Please contact us, if the alloy needed by you is not in this overview.

Material Name old DIN 1691	Material Name DIN-EN 1561	Casting Process	Tensile Strength (RmN/mm <sup>2</sup> ) Dep. on wall thickness	Elastic Limit (Rp 0,1 N/mm <sup>2</sup> )	Elongation (%)	Hardness HB 30
GG-20	EN-GJL200	Sandguss	200 – 300	130 – 195	0,8 – 0,3	150 - 230
GG-25	EN-GJL250	Sandguss	250 – 350	165 – 228	0,8 – 0,3	180 - 250
GG-30	EN-GJL300	Sandguss	300 – 400	195 – 260	0,8 – 0,3	200 - 275