

# cast-iron

## TASSO BERNAREGGI

PART OF BIRN GROUP

### Tensile properties of continuous cast grey - cast-iron bars

Material designation		Bar diameter	Tensile strength	Matrix structure	
Grades	Brinell hardness HBW*		mm	MPa - min.	
	min.	max.			
EN-GJL-150C HB150	110	180	20 - 400	80 - 110	ferritic/annealed
EN-GJL-200C HB175	140	210	20 - 400	115 - 155	ferritic/pearlitic
EN-GJL-250C HB200	170	240	20 - 400	155 - 195	pearlitic/ferritic
EN-GJL-300C HB250	220	290	20 - 400	185 - 220	predominantly pearlitic

\* HBW indicative values

Reference standards: DS/EN 16482 

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