

# DENSE BAR List of materials

Material	DENSE BAR Material mark	Material color	Mechanical properties			Japanese Industrial Standards	Structure
			Tensile strength ( N/mm <sup>2</sup> )	Elongation ( % )	Hardness ( HRB )		
Gray cast iron	E - C		≧ 250	—	75~95	FC250、FC300	Eutectic graphite and mainly ferrite
	E - 2		≧ 200	—	75~95	FC200、FC250	
Ductile cast iron	D - 4		≧ 400	≧ 15	65~92	FCD400-15	Spheroidal graphite and ferrite
	D - S		≧ 450	≧ 10	78~95	FCD450-10	Spheroidal graphite and mainly ferrite
	D - 5		≧ 500	≧ 7	80~100	FCD500-7	Spheroidal graphite and pearlite, ferrite
	D - 6		≧ 600	≧ 3	93~105	FCD600-3	

- ※ Custom materials can be manufactured.  
Please contact us for details
- ※ Some size of E-2 material are only compatible with FC200.  
Applicable product : 150×510、150×710、150×910



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