

voestalpine HIGH PERFORMANCE METALS

CAST IRON / BU GREY CI 4E

DESCRIPTION

Grey cast iron continuous cast bars consist of a uniform partial pearlitic structure from the bar surface to the core. This material is ideally suited to high speed machining with significant improvements in cutting tool life and reductions in drill wander which occurs when the drill point gravitates to a softer surface.

NEAREST STANDARDS

AISI	DIN	BS	JIS
1830-T250	1691-GGG-35	1452-GRADE-17	FC-25

CHEMICAL ANALYSIS (AVE %)

C	Si	Mn	Ni	Cr	Mo	S	P	Al	Cu
3.35	2.60	0.45	0.08	0.08	0.01	0.08	0.10	0.01	0.30

MECHANICAL PROPERTIES

Tensile Strength (Mpa)	Compressive Strength (Mpa)	Elongation (%)	Hardness (HB)
220-260	700-800	-	170-220

SUPPLY CONDITION

Annealed

SURFACE TREATMENT

Black

voestalpine HIGH PERFORMANCE METALS CAST IRON / BU DUCTILE 3D

PERFORMANCE IS IN OUR DNA

voestalpine High Performance Metals is the global market leader in the production of tool steels and one of the world's leading suppliers of high-speed steels, valve steels, special steels, powder metallurgy steels, and nickel-based alloys. We also manufacture die-forged components and large castings from nickel-based alloys and high, medium and low alloy steels.

Customers rely on our key brands of Bohler, Uddeholm and Villares, to set the highest standards of innovation, quality and service across a wide range of industries including automotive, aerospace, consumer electronics and oil & gas. We are fully integrated from steel production through to local customer sales, ensuring we keep our customers One Step Ahead.

EXPLORE WHAT IS POSSIBLE.



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ONE STEP AHEAD.