voestalpine HIGH PERFORMANCE METALS
AISI 1214 / 1.0715 / G12144

DESCRIPTION

1214 is cold finished (drawn or turned and polished) free machining low tensile 370-750 MPa mild steel. Generally used in the as supplied condition.

NEAREST STANDARDS

AISI	DIN	BS	UNS
1214	1.0715 / 95Mn28	EN1A	G12144

CHEMICAL ANAYLSIS (AVE %)

C	Si	Mn	Ni	Cr	Mo	S	P
0.015	0.10	1.00	-	-	-	0.07	0.30

HEAT TREATMENT (RECOMMENDED)

Carburize	900-920c. Furnance or Air cool.
Harden	780-800c. Water quench.
Temper	180-210c. Air cool.

MECHANICAL PROPERTIES (REFERENCE)

	Tensile Strength (MPa)	Yield Strength (MPa)	Elongation (%)
Cold Drawn	400-750	290-580	7-9
Turned & Polished	370-510	230-300	18

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SUPPLY CONDITION

As Rolled

SURFACE TREATMENT

Cold Drawn (H10)
Turned & Polished (H11)

SIZE RANGES

For stocked sizes and to view availability at your local branch, visit the vHPM Austalia Webshop

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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