

# SILVER STEEL

## AISI - O1

Typical Analysis (Ave. values %)	C	Si	Mn	Cr	V	W
	0.95	0.25	1.1	0.55	0.10	0.55
NEAREST STANDARD	AS	DIN		BS	AISI	
	O1A	1.2510 100 MnCrW4		BO1	O1	

<b>DESCRIPTION</b>	Oil hardening, dimensionally stable silver steel, ground to ISA 19 half plus half minus supplied in 36" & 1000mm lengths. Used in cutting tools, dies, measuring tools, jigs and fixtures.
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<b>HEAT TREATMENT</b>	Anneal	710-750°C furnace cool	
	Stress relieve	650° air cool.	
	Harden	780-820°C oil	
	Temper	180-200°C	
	Hardness	63-64 R/C	

<b>SIZE RANGE</b>	Round	1/16" to 1-1/2"	36" lengths
		2 mm to 30 mm	1000 mm lengths

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