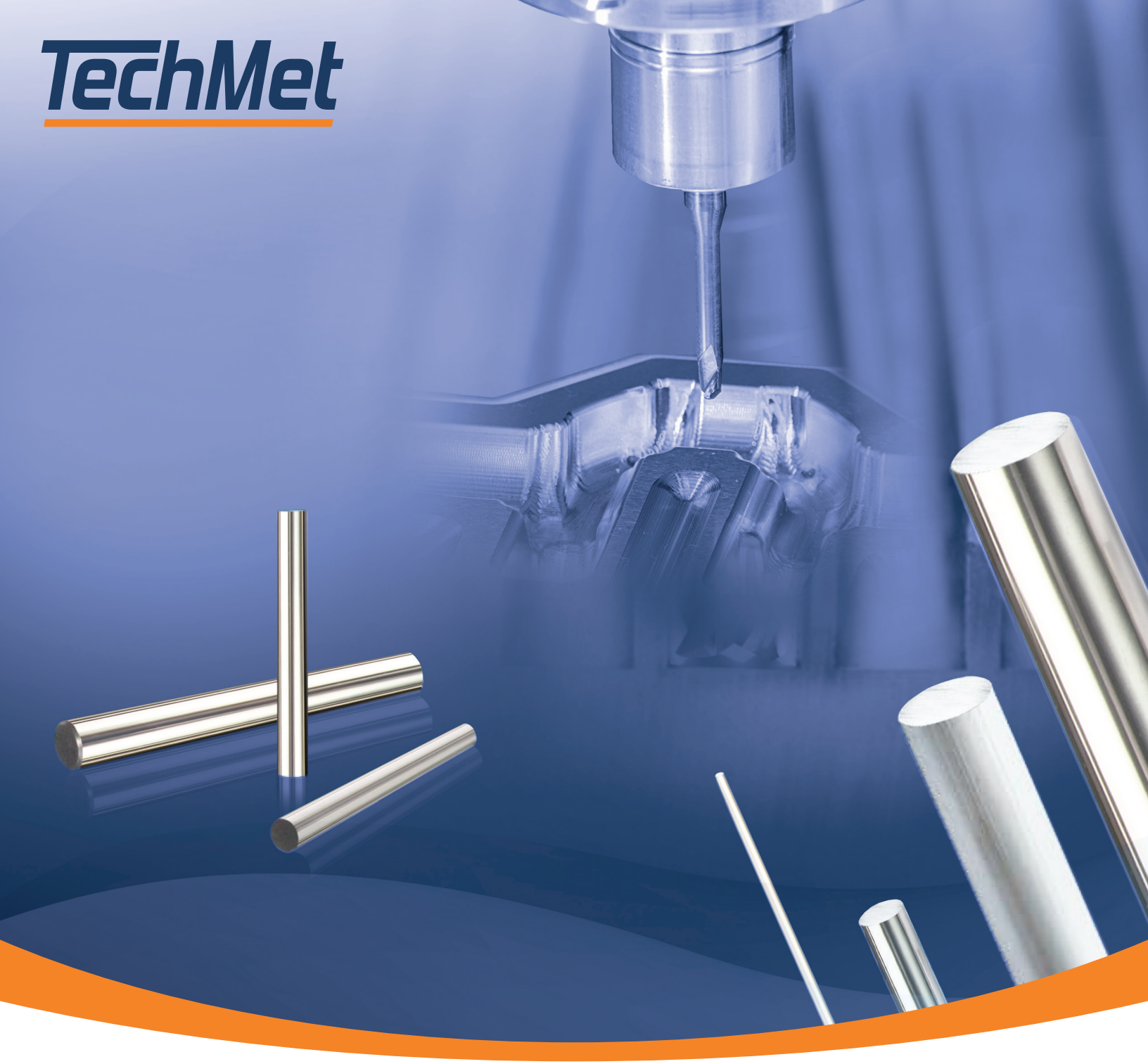
TechMet



TMK-290X

NEW

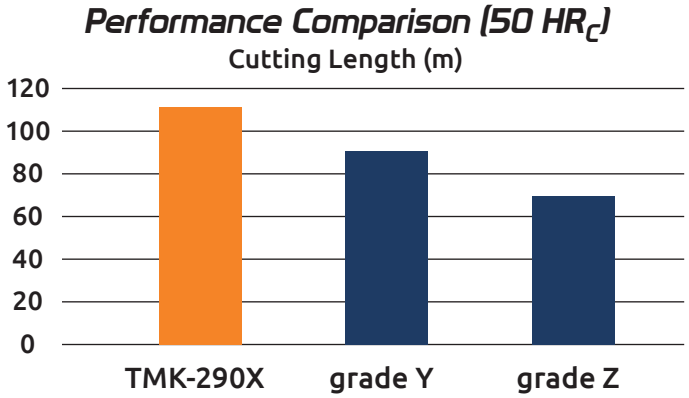
Optimal Grade for Machining of Hardened Materials – 50 to 65 HR_C

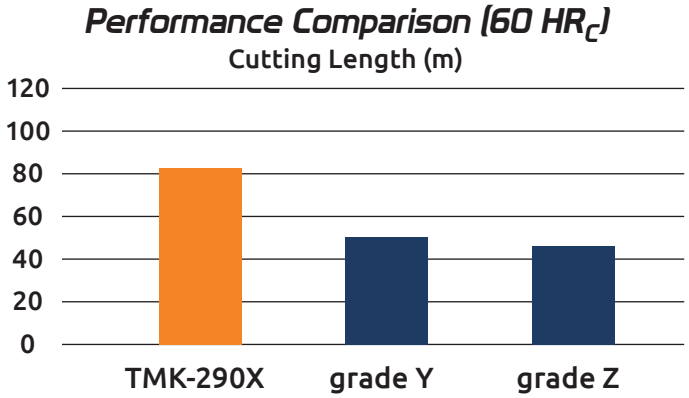
TechMet's new grade TMK-290X is engineered to achieve the high hardness, increased transverse rupture strength and unparalleled fracture toughness needed to successfully machine hardened materials - from 50 to 65 HR_C.

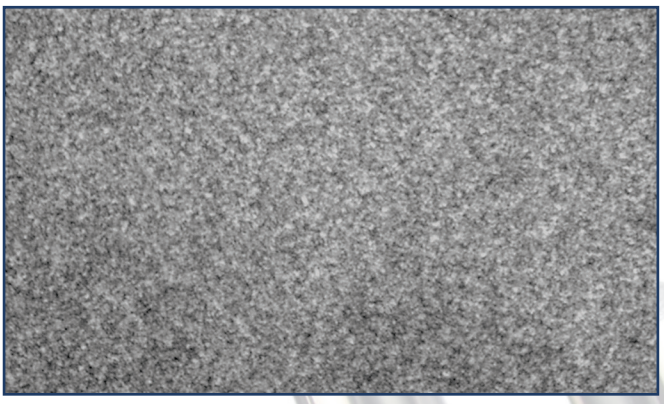
TMK-290X is a nano-grain tungsten carbide grade (nominal grain size 0.2 µm), with a 9% cobalt binder.

TMK-290X

WC	%	91
Co	%	9
Hardness	HRA	93.9
Hardness	HV_{30}	1950
Density	g/cm^3	14.44
TRS	psi	min 600,000
Porosity	A	<02
	B	00
	C	00
Grain Size	µm	0.2
Application	Endmilling and drilling in hardened materials, from 50 to 65 HR_C . Also suitable for composite machining.	







TMK-290X, 1500x magnification

TMK-290X offers the combination of high hardness and toughness needed to successfully machine hardened workpiece materials. Tools produced from TMK-290X will provide extremely high wear resistance, stiffness and strength - resulting in longer tool life and more consistent and predictable cutting tool performance.

TMK-290X is offered in a range of standard sizes for the production of high performance endmills and drills. Contact TechMet to try TMK-290X - the solution for hardened materials.

TechMet
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