CUTTING TOOLS

PVD & CVD COATINGS

The extra range from Flubetech takes tool performance a step further. Improvements in adhesion, coating density, layer uniformity, and toughness allow these coatings to work with the most complex materials under the most extreme conditions.

	Hardness	Friction coefficient	Color	Thickness (µm)	Oxidation Temp.
FerroCon	3500HV	0,5	Black	3^{+-1}	1100ºC
HPN1	3700HV	0,4	Dark blue	3^{+-1}	1100ºC
SteelCon	3700HV	0,4	Rose Gold	3^{+-1}	1200ºC
Hardlox	3700HV	0,4	Bronze	3^{+-1}	1200ºC
Alcrolox	3500HV	0,5	Dark grey	3^{+-1}	1150ºC

FerroCon

FerroCon, based on the AlTiN compound, is used in the machining of ferrous materials and high-speed steel.

HPN1

HPN1 is based on the AlTiCrN compound and is used for machining cast iron, ferrous materials, and hardened steels.

SteelCon

SteelCon, based on the AlTiN/TiSiN compound, is ideal for the general machining of hardened steels.

Hardlox

Hardlox, based on the AlTiSiN compound, is the ideal coating for machining soft and hardened steels, nickel alloys, titanium, and superalloys.

Alcrolox

Alcrolox, based on the AlCrN compound, is the ideal coating for machining materials under the most demanding conditions.

HPN1

HARDLOX

FLUBETECH

SURFACE ENGINEERING

Flubetech S.L.

Carrer Montsià 23, Pol. Ind. Can Carner 08211 Castellar del Vallès (BCN)
Pol. Ind. Guardi, num. 64 20213 Idiazabal (Guipuzkoa)

info@flubetech.com
www.flubetech.com