

AK 2015 – >> First choice for *machining cast materials*.

AM 35C – >> First choice for *machining steel*.

AM 5035 – >> First choice for *machining stainless steel*.

Carbide coated

AM5035

(AL350)

HC – P40, HC – M35

PVD-multilayer coating, substrate + TiAlN.

Grade for machining stainless steel, but can also be used for steel materials with low to medium hardness as well as for high temperature alloys. Optimum cutting edge stability. Excellent results at low to medium cutting speeds.

AK2015

HC – P15, HC – K15 – CVD

CVD-multilayer coating, substrate + TiCN + TiCN + TiCNB + Al₂O₃

The main application area for this grade is the machining of all cast materials. It is also suitable for machining steel. The new substrate offers the necessary toughness and heat resistance.

AL10

HC – P10, HC – M15, HC – K10, HC – N15, HC – S10

PVD-multilayer coating, substrate + AlTiN.

Extremely wear resistant grade for machining steel materials, cast iron and non ferrous products. Due to high hardness in coating, high wear-resistance can be achieved. Specially suitable for high cutting speeds.

AM35C

HC – P35, HC – M30

CVD-multilayer coating, substrate + TiC + TiCN + TiN.

Carbide grade with high toughness for machining steel materials at medium cutting speeds.

AR26C

HC – P25, HC – K20

CVD-multilayer coating, substrate + TiN + TiCN + Al₂O₃.

Carbide grade with high wear resistance for machining cast iron and steel materials.

Uncoated carbide grades

AK10

HW – K10, HW – N10, HW – S10

Grade for machining aluminium, aluminium alloys, non-ferrous metals and plastics. Grade can also be used for machining cast iron and high temperature metals. Insert is peripheryground and the chipbreaker is polished.

AP40

HW – P40, HW – M35

Special carbide grade for steel materials at cutting speeds below 80 m/min and unstable machining conditions.