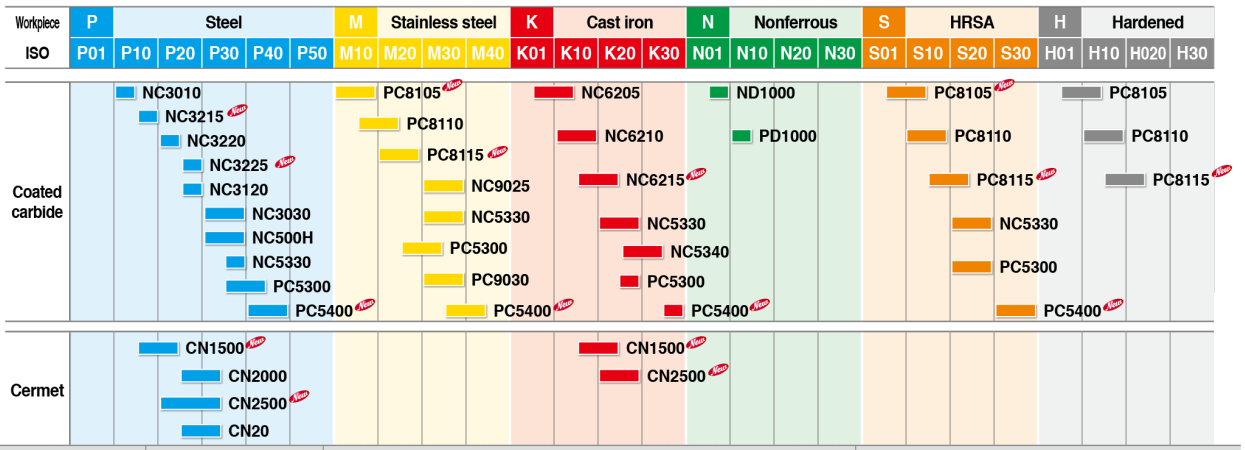
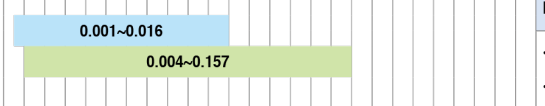
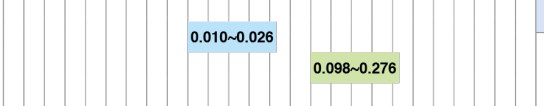
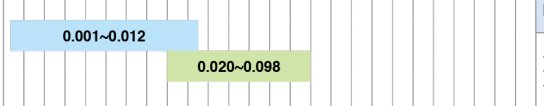
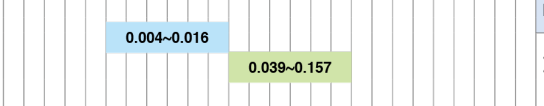
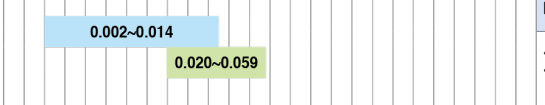
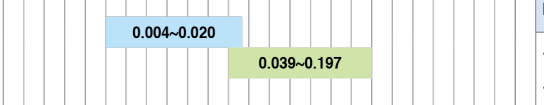
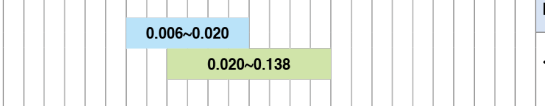
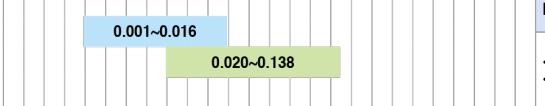
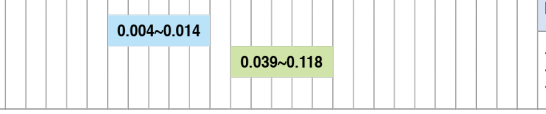
The best way to choose KORLOY turning inserts

Selection system



Geometry	Cutting edge	Application range feed rate fn(ipr) 0.002 0.003 0.004 0.006 0.010 0.016 0.025 0.039 0.063 0.098 0.157 0.248 depth of cut ap(inch) 0.004 0.006 0.010 0.016 0.025 0.039 0.063 0.098 0.157 0.248 0.394 0.457 0.512	Features
AK			**For Aluminum cutting** • High rake angle and low resistance cutting edge secures long tool life in continuous cutting of aluminum turning • High speed of finishing operation
B25			**For General cutting** • Suitable for general cutting condition cutting
HR			**For Roughing** • Excellent chip control at deep depth of cut and fast feed rate • Strong cutting edge makes excellent cutting performance at intermittent cutting
HA			**For Light-alloy, Stainless-steel machining** • Sharp cutting edge generates low cutting force • Specially designed tough main cutting edge • Suitable for cutting of low carbon steel, stainless steel, aluminum
HS			**For Medium cutting of Stainless steel** • Exclusive design for stainless steel cutting provide longer tool life • Wear resistance have been reinforced through high rake angle of chip breaker land
VF			**For Finishing** • Good chip control quality on varied depth of cut • Excellent cutting edge strength has been acquired due to the special chip-breaker
VM			**For Medium cutting** • Wide available chip control range from medium-finishing to medium-roughing • Suitable chip breaker for CNC machining
VW			**For Finishing(Wiper)** • Improved surface roughness at shallow depth of cut and high feed due to strong cutting edge
HMP			**For Medium cutting** • Excellent chip control at wide range of cutting conditions • Suitable for stainless steel cutting
C25			**For Medium cutting** • Suitable for interrupted cutting and cast iron machining • Good surface finish due to low cutting force • Suitable for both boring and outer diameter turning