

Insert Selection System

How to Use

The WIDIA three-step insert selection system makes choosing and applying the most productive tool as easy as 1, 2, 3. Tool recommendations are based on six workpiece material groups, optimising selection accuracy.

Example:


Six workpiece material groups

■ Step 1 • Select the insert geometry

Given: depths of cut = 1mm (.040")
feed = 4mm (.016 IPR)
Unknown: insert geometry
Solution: -RH




■ Step 2 • Select the grade

Given: cutting conditions:
lightly interrupted cut 
Geometry: -RH
Unknown: grade
Solution: WP25CT™



■ Step 3 • Select the cutting speed

Given: grade WP35CT™ 
cutting conditions
material CK15
Unknown: cutting speed
Solution: 210 m/min

Need help in selecting a product?

Additional information can be obtained by contacting the WIDIA Customer Application Support Team.

Go to [www.widiahanita.ru](#) for your country's phone number.