

## INSERT CODE GUIDE

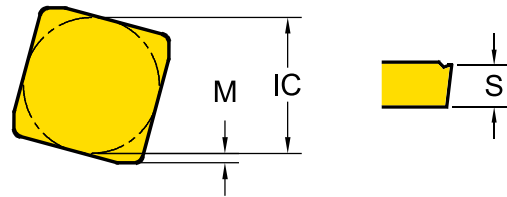
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<b>A</b>	<b>P</b>	<b>K</b>	<b>T</b>	<b>16</b>	<b>04</b>	<b>08</b>
Shape	Relief Angle (AN)	Tolerance	Clamping & Chipbreaker	Insert Size	Insert Thickness (S)	Corner Radius

### 1 - Shape

Symbol	Shape	
<b>H</b>	Hexagonal	
<b>O</b>	Octagonal	
<b>P</b>	Pentagonal	
<b>S</b>	Square	
<b>T</b>	Triangular	
<b>V</b>	Rhombic 35°	
<b>W</b>	Trigon	
<b>L</b>	Rectangular	
<b>A</b>	Parallelogram 80°	
<b>R</b>	Round	

### 2 - Relief Angle (AN)

Symbol	Relief Angle (AN)	
<b>N</b>	No Relief Angle	
<b>C</b>	Relief 7°	
<b>P</b>	Relief 11°	
<b>D</b>	Relief 15°	
<b>E</b>	Relief 20°	
<b>F</b>	Relief 25°	
<b>O</b>	Special	



### 3 - Tolerance Class

Symbol	Inner Circle IC (mm)	Nose Height M (mm)	Thickness S (mm)
<b>E</b>	±0.025	±0.025	±0.025
<b>G</b>	±0.025	±0.025	±0.13
<b>K</b>	±0.05~0.15	±0.013	±0.025
<b>M</b>	±0.05~0.15	±0.08~0.2	±0.13
<b>U</b>	±0.08~0.25	±0.13~0.38	±0.13

### 4 - Clamping & Chipbreaker

Symbol	Clamping	Chipbreaker	Figure
<b>N</b>	No clamping hole	X	
<b>R</b>		One Face	
<b>W</b>	Screw Hole	X	
<b>T</b>		One Face	
<b>U</b>		Both Faces	
<b>X</b>	Special		

### 5 - Insert Size

\* No Standard for milling insert size

### 6 - Insert Thickness

\* No Standard for milling insert thickness

8  
**PDTR**  
Corner Geometry

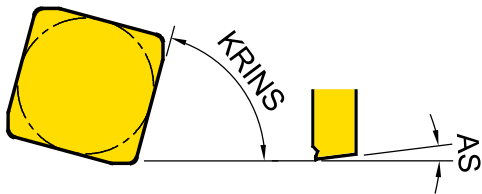
9  
**-HC**  
Chipbreaker

10  
**ET602**  
Grade

## 7 - Corner Radius (RE)

Symbol	Corner Radius - RE (mm)	Symbol	Corner Radius - RE (mm)
<b>04</b>	0.4	<b>16</b>	1.6
<b>08</b>	0.8	<b>20</b>	2.0
<b>12</b>	1.2	<b>24</b>	2.4

## 8 - Corner Geometry



8-1	8-2	8-3	8-4
<b>P</b>	<b>D</b>	<b>T</b>	<b>R</b>
Cutting Edge Angle (KRINS)	Wiper Edge Clearance (AS)	Edge Condition	Feed Direction

### 8-1 - Cutting Edge Angle (KRINS)

Symbol	Cutting Edge Angle (KRINS)
<b>P</b>	90°
<b>A</b>	45°
<b>D</b>	60°
<b>E</b>	75°
<b>F</b>	85°
<b>Z</b>	Special

### 8-3 - Edge Condition

Symbol	Edge Condition
<b>F</b>	Sharp
<b>E</b>	Rounded
<b>T</b>	Chamfered
<b>S</b>	Chamfered and Rounded

### 8-2 - Wiper Edge Clearance (AS)

Symbol	Wiper Edge Clearance (AS)
<b>N</b>	0°
<b>P</b>	11°
<b>D</b>	15°
<b>E</b>	20°
<b>F</b>	25°
<b>Z</b>	Special

### 8-4 - Feed Direction

Symbol	Feed Direction
<b>R</b>	Right-hand Insert
<b>N</b>	Neutral Insert
<b>L</b>	Left-hand Insert