

# ISO TURNING

**Product Overview**

**Application Guide**

**Turning Inserts Overview**

**Turning Inserts**

**Turning Holders Overview**

**Turning Holders**



**Click this  
QR code!!** 



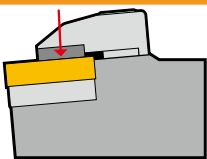
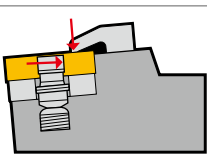
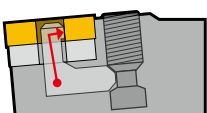
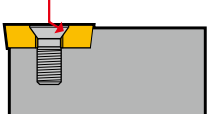
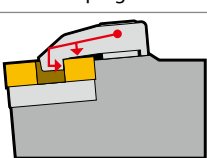
Scan this QR code  
to see our  
**Turning Grades**  
at work.

## Turning - Name Code System

### External Turning Holder Code

1	2	3	4	5	6	7	8	9	10
<b>P</b>	<b>C</b>	<b>L</b>	<b>N</b>	<b>R</b>	<b>25</b>	<b>25</b>	<b>M</b>	<b>12</b>	<b>(C)</b>
Clamping System	Insert Shape (1st Letter of Insert)	Tool Style	Insert Clearance (2nd Letter of Insert)	Tool Hand	Shank Height (H)	Shank Width (B)	Length (LF)	Insert Size	(Optional Clamp)

### 1 - Clamping System

Symbol	System
<b>C</b>	 <p><b>Top Clamp</b> (No Clamping Hole Insert)</p>
<b>M</b>	 <p><b>Multi lock</b> (Straight Clamping Hole Insert)</p>
<b>P</b>	 <p><b>Lever Lock</b> (Straight Clamping Hole Insert)</p>
<b>S</b>	 <p><b>Screw Clamp</b> (Screw Clamping Hole Insert)</p>
<b>T</b> <b>(D, A)</b>	 <p><b>Double Clamp</b> (Straight Clamping Hole Insert)</p>

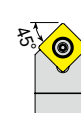

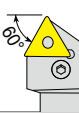


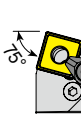
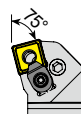
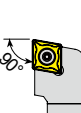
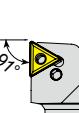
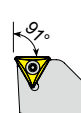
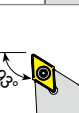
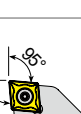

### 2, 4 - Insert Compatibility \*



\* Related to Insert Designation to check compatibility

\* Refer to '1-shape' of page 20

### 3 - Tool Style

Approach Angle (KAPR)	Side Direction		End Direction
	Straight Shank	Offset Shank	
45°	<b>D</b> 	<b>S</b> 	
60°		<b>T</b> 	
62.5°	<b>N</b> 		
72.5°	<b>V</b> 		
75°	<b>B</b> 		<b>K</b> 
90°/91°	<b>A</b> 	<b>G</b> 	<b>F</b> 
93°		<b>J</b> 	<b>U</b>
95°		<b>L</b> (Both Direction) 	
107.5°		<b>H</b> 	

Turning - Name Code System

# External Turning Holder Code

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>S</b>	<b>D</b>	<b>J</b>	<b>C</b>	<b>R</b>	<b>20</b>	<b>20</b>	<b>K</b>	<b>11</b>
Clamping System	Insert Shape (1st Letter of Insert)	Tool Style	Insert Clearance (2nd Letter of Insert)	Tool Hand	Shank Height (H)	Shank Width (B)	Length (LF)	Insert Size

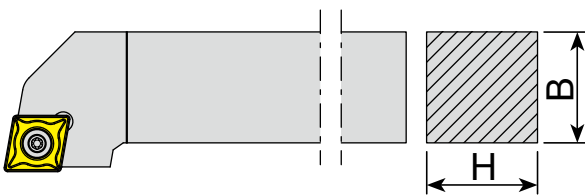
## 5 - Hand Direction

Symbol	Hand Direction
<b>R</b>	Right Hand
<b>L</b>	Left Hand
<b>N</b>	Neutral

## 8 - Length (LF)

Symbol	Length (mm)	Symbol	Length (mm)
<b>E</b>	70	<b>Q</b>	180
<b>F</b>	80	<b>R</b>	200
<b>H</b>	100	<b>S</b>	250
<b>K</b>	125	<b>T</b>	300
<b>M</b>	150	<b>U</b>	350
<b>P</b>	170	<b>V</b>	400

## 6, 7 - Shank Height (H) Shank Width (B)



## 9 - Insert Size \*

Examples	is Compatible with...
<b>PCLNR 2525M 12</b>	<b>CNMG 1204**</b>
<b>SCLCR 2020K 09</b>	<b>CCMT 09T3**</b>
<b>TWLNLR 2525M 08</b>	<b>WNMG 0804**</b>

\* Related to Insert Designation to check compatibility

## (10 - Optional Clamp)

Symbol	Optional Clamp
<b>C</b>	<b>Included</b>

## Internal Turning Holder Code

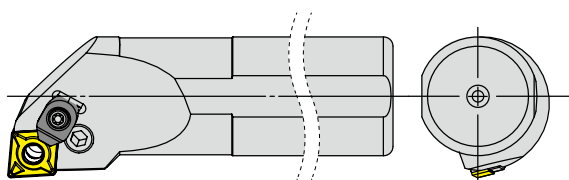
\*Metric

1	2	3	-	4	5	6	7	8	9	10
<b>A</b>	<b>32</b>	<b>S</b>	-	<b>P</b>	<b>W</b>	<b>L</b>	<b>N</b>	<b>R</b>	<b>12</b>	<b>(C)</b>
Coolant & Material	Shank Diameter (DCON)	Legth (LF)		Clamping System	Insert Shape (1st Letter of Insert)	Tool Style	Insert Clearance (2nd Letter of Insert)	Tool Hand	Insert Size	(Optional Clamp)

### 1 - Coolant and Tool Material

Symbol	Internal Coolant	Tool Material
<b>A</b>	<b>O</b>	<b>Steel</b>
<b>S</b>	<b>X</b>	
<b>E</b>	<b>O</b>	<b>Carbide</b>
<b>C</b>	<b>X</b>	<b>Carbide</b>

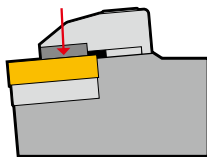
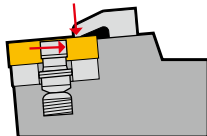
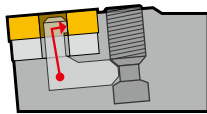
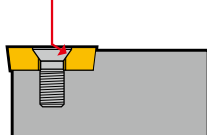
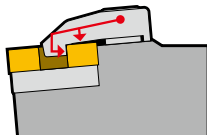
### 2 - Shank Diameter (DCON)



### 3 - Length (LF)

Symbol	Length (mm)	Symbol	Length (mm)
<b>E</b>	70	<b>Q</b>	180
<b>F</b>	80	<b>R</b>	200
<b>H</b>	100	<b>S</b>	250
<b>K</b>	125	<b>T</b>	300
<b>M</b>	150	<b>U</b>	350
<b>P</b>	170	<b>V</b>	400

### 4 - Clamping System

Symbol	System
<b>C</b>	 Top Clamp (No Clamping Hole Insert)
<b>M</b>	 Multi lock (Straight Clamping Hole Insert)
<b>P</b>	 Lever Lock (Straight Clamping Hole Insert)
<b>S</b>	 Screw Clamp (Screw Clamping Hole Insert)
<b>T (D, A)</b>	 Double Clamp (Straight Clamping Hole Insert)

# Turning - Name Code System

## Internal Turning Holder Code

\*Metric

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>A</b>	<b>25</b>	<b>R</b>	<b>-</b>	<b>S</b>	<b>C</b>	<b>L</b>	<b>C</b>	<b>09</b>
Coolant & Material	Shank Diameter (DCON)	Length (LF)	Clamping System	Insert Shape (1st Letter of Insert)	Tool Style	Insert Clearance (2nd Letter of Insert)	Tool Hand	Insert Size

### 6 - Tool Style

Approach Angle (KAPR)	Side Direction	End Direction
	Offset Shank	
75°		<b>K</b> 
91°		<b>F</b> 
93°	<b>J</b> 	<b>U</b> 
95°	<b>L</b> (Both Direction) 	
107.5°		<b>Q</b> 

### 8 - Hand Direction

Symbol	Hand Direction	
<b>R</b>	Right Hand	
<b>L</b>	Left Hand	

### 9 - Insert Size \*

Examples	is Compatible with...
<b>PCLNR 2525M 12</b>	<b>CNMG 1204**</b>
<b>SCLCR 2020K 09</b>	<b>CCMT 09T3**</b>
<b>TWLN 2525M 08</b>	<b>WNMG 0804**</b>

\* Related to Insert Designation to check compatibility

### 5, 7 - Insert Compatibility \*



\* Related to Insert Designation to check compatibility  
 \* Refer to '1-Shape' of page 20

### (10 - Optional Clamp)

Symbol	Optional Clamp
<b>C</b>	<b>Included</b>

# Insert ISO Code System

\*Metric : According to ISO 1832

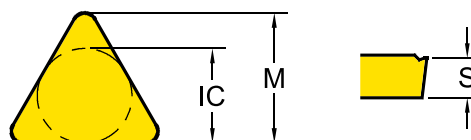
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<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>C</b>	<b>N</b>	<b>M</b>	<b>G</b>	<b>12</b>	<b>04</b>	<b>08</b>	<b>-UG</b>	<b>YG3115</b>
Shape	Clearance	Tolerance	Clamping & Chipbreaker	Insert Size	Insert Thickness	Corner Radius	Chipbreaker Geometry	Grade

## 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>C</b>	Rhombic 80°	
<b>D</b>	Rhombic 55°	
<b>V</b>	Rhombic 35°	
<b>W</b>	Trigon	
<b>L</b>	Rectangular	
<b>K</b>	Parallelogram 55°	
<b>R</b>	Round	



## 3 - Tolerance Class

Symbol	Inner Circle IC (mm)	Nose Height M (mm)	Thickness S (mm)
<b>C</b>	± 0.025	± 0.013	± 0.025
<b>E</b>	± 0.025	± 0.025	± 0.025
<b>G</b>	± 0.025	± 0.025	± 0.13
<b>H</b>	± 0.013	± 0.013	± 0.025
<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

\* Tolerance is different by insert IC size. Please see ISO 1832

## 4 - Clamping & Chipbreaker

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

## 2 - Relief Angle (AN)

Symbol	Relief Angle (AN)	
<b>N</b>	No Relief Angle	
<b>B</b>	Relief 5°	
<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	



# Insert ISO Code System

\*Inch

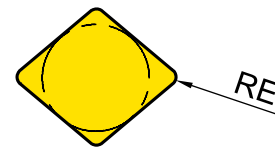
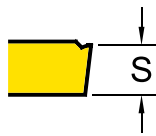
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<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>C</b>	<b>N</b>	<b>M</b>	<b>G</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>-UG</b>	<b>YG3115</b>
Shape	Clearance	Tolerance	Clamping & Chipbreaker	Insert Size	Insert Thickness	Corner Radius	Chipbreaker Geometry	Grade

## 5 - Insert Size

Metric							Inner Circle IC (mm)	Inch
S	T	C	D	V	W	R		
06	11	06	07	11			6.35	2
07	13	08	09	13	15		7.94	2.5
09	16	09	11	16	06	09 (00)	9.525	3
12	22	12	15	22	08	12 (00)	12.7	4
15	27	16	19	27	10		15.875	5
19	33	19	23	33	13		19.05	6
25		25					25.4	8
						06 (M0)	6	
						08 (M0)	8	
						10 (M0)	10	
						12 (M0)	12	
						16 (M0)	16	



## 6 - Insert Thickness (S)

Metric	Thickness - S (mm)	Inch
<b>T1</b>	1.98	<b>1.2</b>
<b>02</b>	2.38	<b>1.5</b>
<b>03</b>	3.18	<b>2</b>
<b>T3</b>	3.97	<b>2.5</b>
<b>04</b>	4.76	<b>3</b>
<b>05</b>	5.56	<b>3.5</b>
<b>06</b>	6.35	<b>4</b>
<b>07</b>	7.94	<b>5</b>
<b>09</b>	9.525	<b>6</b>

## 7 - Corner Radius (RE)

Metric	Corner Radius - RE (mm)	Inch
<b>01</b>	0.1	<b>03</b>
<b>02</b>	0.2	<b>05</b>
<b>04</b>	0.4	<b>1</b>
<b>08</b>	0.8	<b>2</b>
<b>12</b>	1.2	<b>3</b>
<b>16</b>	1.6	<b>4</b>
<b>20</b>	2.0	<b>5</b>
<b>24</b>	2.4	<b>6</b>

# Grade Naming System

TURNING

<b>1</b> <b>YG</b> YG Brand	<b>2</b> <b>3</b> Workpiece Material	<b>3</b> <b>1</b> Grade Version	<b>4</b> <b>1</b> Application Range (1st Digit)	<b>5</b> <b>5</b> Application Range (2nd Digit)	<b>(6)</b> <b>(G)</b> Minor Variation
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PARTING & GROOVING

Carbide CVD (4 Digits)	●	●	●	●	<b>YG3115</b>
Carbide PVD (3 Digits)	●	●	●		<b>YG211</b>
Carbide Uncoated (2 Digits)	●	●			<b>YG10</b>

MILLING

## 1 - YG Brand

## 2 - Workpiece Material

Symbol	Workpiece Material	Turning	Milling	Drilling	Parting
<b>1</b>	<b>K</b> Cast Iron or <b>N</b> Non-Ferrous	●			
<b>2</b>	<b>M</b> Stainless Steel	●			
<b>3</b>	<b>P</b> Steel	●			
<b>4</b>	<b>S</b> Superalloys	●			
<b>5</b>	<b>K</b> Cast Iron or <b>N</b> Non-Ferrous		●	●	●
<b>6</b>	<b>M</b> Stainless Steel or <b>Universal</b>		●	●	●
<b>7</b>	<b>P</b> Steel		●	●	●
<b>8</b>	<b>Universal</b>	●			
<b>0</b>	<b>Hardened Steel</b>		●		

DRILLING

TECHNICAL INFORMATION

## 4 & 5 - Application Range

Symbol	Application Range
<b>05</b>	<b>Stable</b> Wear Resistant Grade Stable Application Continuous Cut Finishing
<b>10</b>	
<b>15</b>	
<b>20</b>	<b>General</b> Balanced Grade High Versatility General Application
<b>25</b>	
<b>30</b>	
<b>35</b>	<b>Unstable</b> Tougher Grade Unstable Application Interrupted Cut Chipping Resistance Roughing
<b>40</b>	
<b>45</b>	

## 3 - Grade Version

## (6) - (Minor Variation)

G - Gold Coated Version

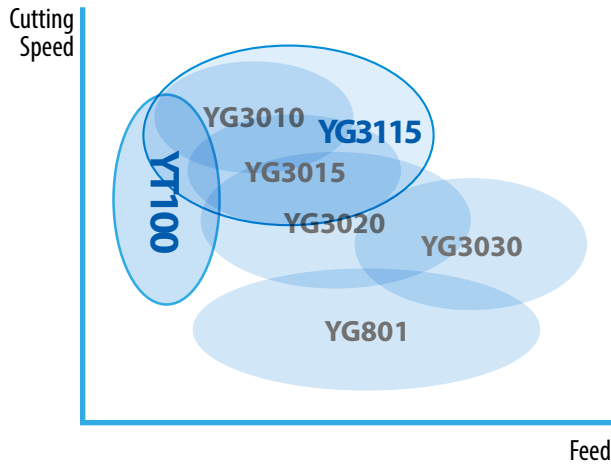


# Turning Grades Map

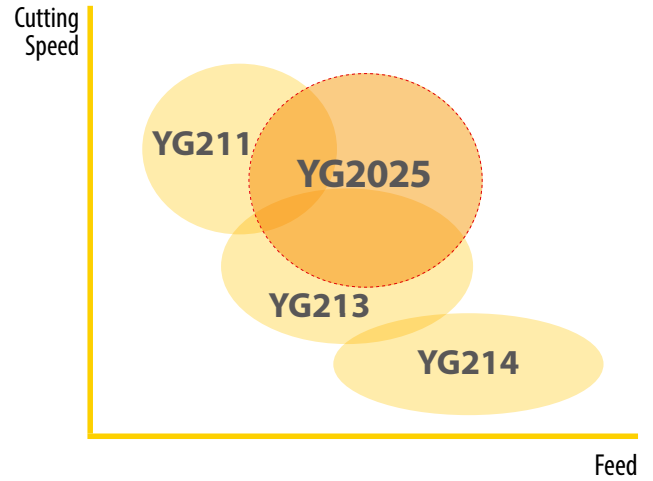
Speed : Vc (m/min.)  
Feed : Fn (mm/rev.)

TURNING
PARTING & GROOVING
MILLING
DRILLING
TECHNICAL INFORMATION

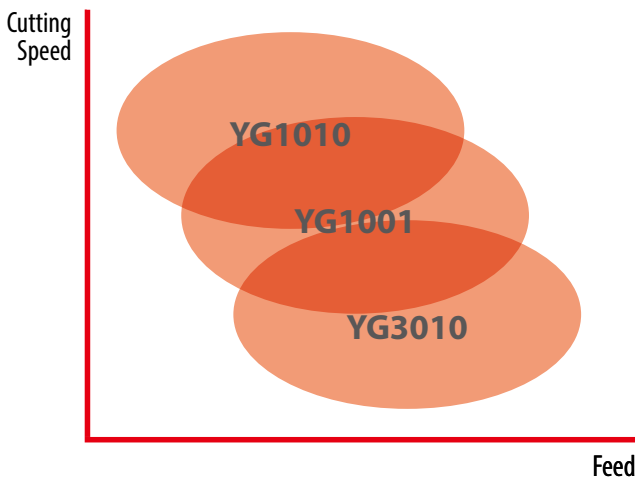
## Steel



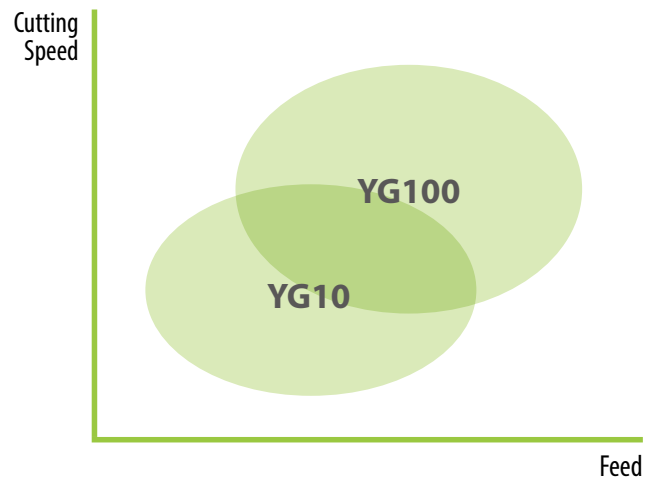
## Stainless steel



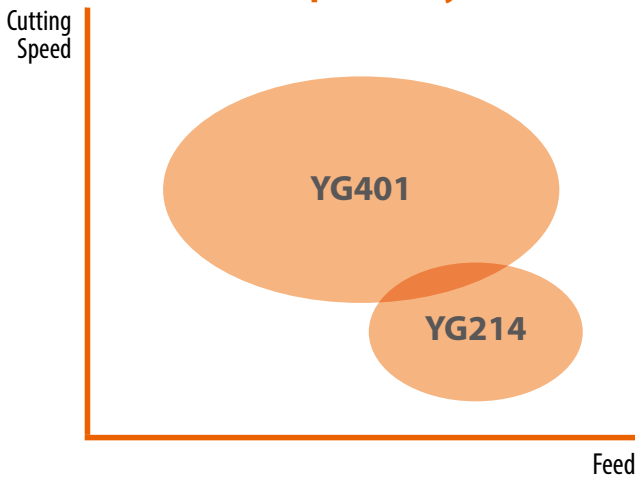
## Cast iron



## Non-ferrous Metal



## Superalloy

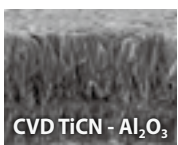
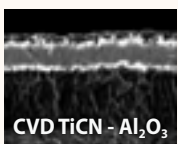
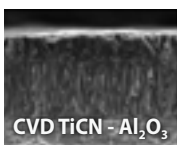




## Turning Grades

TURNING  
PARTING & GROOVING  
MILLING  
DRILLING

Turning Grades	P Steel				M Stainless steel			K Cast iron			N Non-ferrous		S Superalloys	
	P10	P20	P30	P40	M10	M20	M30	K10	K20	K30	N10	N20	S10	S20
CVD	YG1010							1010						
	YG1001	1001						1001						
	YG3010	3010						3010						
	YG3015	3015												
	YG3115	3115												
	YG3020	3020												
	YG3030	3030												
	YG2025					2025								
PVD	YG801	801												
	YG211					211								
	YG213					213								
	YG214					214							214	
	YG401												401	
Cermet	YT100	YT100				YT100			YT100					
DLC	YG100									100				
-	YG10									10				

TECHNICAL INFORMATION

<p><b>YG1010</b></p> <p>K05 - K15</p>	 <p>CVD TiCN - Al<sub>2</sub>O<sub>3</sub></p>	<p><b>First Choice for Cast Iron</b></p> <ul style="list-style-type: none"> <li>Effective coating structure enables high speed machining</li> <li>Special post treatment for improved chipping resistance</li> </ul>
<p><b>YG1001</b></p> <p>P01 - P10</p> <p>K10 - K25</p>	 <p>CVD TiCN - Al<sub>2</sub>O<sub>3</sub></p>	<p><b>Stable Machining of Cast Iron</b></p> <ul style="list-style-type: none"> <li>Substrate especially designed for high wear resistance</li> <li>Thick Al<sub>2</sub>O<sub>3</sub> layer ensures good wear resistance at high cutting speeds including dry machining</li> </ul>
<p><b>YG3010</b></p> <p>P05 - P20</p> <p>K15 - K35</p>	 <p>CVD TiCN - Al<sub>2</sub>O<sub>3</sub></p>	<p><b>First choice for Finishing Steels, and Ductile Cast iron</b></p> <ul style="list-style-type: none"> <li>Finishing and light machining of steel under in stable condition</li> <li>New Al<sub>2</sub>O<sub>3</sub> coating technology and excellent surface smoothness increase wear resistance and chipping resistance</li> </ul>
<p><b>YG3015</b></p> <p>P10 - P25</p>	 <p>CVD TiCN - Al<sub>2</sub>O<sub>3</sub></p>	<p><b>Balanced Productivity for Continuous cut</b></p> <ul style="list-style-type: none"> <li>High wear resistance and improved toughness ensures high productivity with less trouble</li> </ul>
<p><b>NEW</b></p> <p><b>YG3115</b></p> <p>P15 - P25</p>	 <p>CVD MT-TiCN - Al<sub>2</sub>O<sub>3</sub></p>	<p><b>First choice grade for high cutting speed in Steels</b></p> <ul style="list-style-type: none"> <li>Suitable for mass production due to stable and predictable tool life</li> <li>Minimizing built up edge due to new post surface treatment in mild steels, low carbon steel and low carbon alloy steel.</li> <li>Best choice for both continuous as well as interrupted cuts</li> </ul>

Product Overview

# Turning Grades

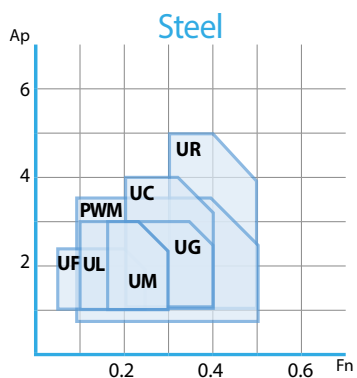
<p><b>YG3020</b></p> <p>P15 - P30</p>	 <p>CVD TiCN - Al<sub>2</sub>O<sub>3</sub></p>	<p><b>First Choice Grade for General Steel Application</b></p> <ul style="list-style-type: none"> <li>• Substrate especially designed for good toughness</li> <li>• Excellent surface smoothness increases wear resistance and reliability</li> </ul>
<p><b>YG3030</b></p> <p>P20 - P35</p>	 <p>CVD TiCN - Al<sub>2</sub>O<sub>3</sub></p>	<p><b>Interrupted Cutting of Steel and Stainless steel</b></p> <ul style="list-style-type: none"> <li>• Substrate for heavy roughing in mild steel and low carbon alloy steel</li> <li>• New Al<sub>2</sub>O<sub>3</sub> technology and optimized surface treatment achieves a good balance between wear resistance and chipping resistance</li> </ul>
<p><b>YG801</b></p> <p>P10 - P30</p>	 <p>PVD - TiAlN</p>	<p><b>for Carbon Steel with Low Cutting Speed</b></p> <ul style="list-style-type: none"> <li>• Recommended for mild steel and boring application</li> <li>• Substrate and special PVD coating for excellent wear resistance</li> </ul>
<p><b>NEW</b></p> <p><b>YG2025</b></p> <p>M15 - M35</p>	 <p>CVD TiCN - Al<sub>2</sub>O<sub>3</sub></p>	<p><b>CVD grade for High Cutting Speed for Stainless steel</b></p> <ul style="list-style-type: none"> <li>• Utilizing a new carbide substrate and new coating</li> <li>• Excellent combination of wear resistance and chipping resistance</li> <li>• Minimized built up edge due to post surface treatment</li> </ul>
<p><b>YG211</b></p> <p>M05 - M25</p>	 <p>PVD - TiAlN</p>	<p><b>High wear Resistance Grade for Stainless steel</b></p> <ul style="list-style-type: none"> <li>• Finishing Stainless steel</li> </ul>
<p><b>YG213</b></p> <p>M20 - M35</p>	 <p>PVD - TiAlN</p>	<p><b>First Choice Grade on Low Cutting Speed of Stainless steel</b></p> <ul style="list-style-type: none"> <li>• First choice on Stainless steel for Low cutting speed</li> <li>• For Medium to low cutting speed</li> </ul>
<p><b>YG214</b></p> <p>M30 - M40</p> <p>S25 - S30</p>	 <p>PVD - TiAlN</p>	<p><b>Heavy Interrupted cut for Stainless steel</b></p> <ul style="list-style-type: none"> <li>• For Heavy Interrupted cut on Stainless steel</li> <li>• Minimize risk of Mechanical fracture or Chipping</li> </ul>
<p><b>YG401</b></p> <p>S10 - S20</p>	 <p>PVD - TiAlSiN</p>	<p><b>PVD Turning Grade for HRSA</b></p> <ul style="list-style-type: none"> <li>• Highly heat-resistant TiAlSiN structure for excellent wear resistance</li> <li>• Greatly improved film coating realizes excellent boundary defect resistance</li> <li>• Top coating layer provides a smooth surface and lubricant effect</li> </ul>
<p><b>NEW</b></p> <p><b>YT100</b></p> <p>P10 - P20</p> <p>M10 - M20</p> <p>K10 - K20</p>	 <p>Cermet</p>	<p><b>New Generation Cermet Grade</b></p> <ul style="list-style-type: none"> <li>• Enhanced wear resistance &amp; chipping resistance</li> <li>• Excellent fracture resistance</li> <li>• Superior surface finish with special edge preparation</li> </ul>
<p><b>YG100</b></p> <p>N05 - N25</p>	 <p>DLC</p>	<p><b>First Choice Grade for Aluminum with DLC Coating</b></p> <ul style="list-style-type: none"> <li>• Submicron carbide for high wear resistance</li> <li>• DLC coating minimizes Built Up Edge tendency.</li> <li>• Improve tool life in sticky non-ferrous alloy</li> </ul>
<p><b>YG10</b></p> <p>N05 - N25</p>	 <p>Uncoated</p>	<p><b>Uncoated Grade for General Aluminum</b></p> <ul style="list-style-type: none"> <li>• Substrate consisted of submicron carbide for high wear resistance</li> <li>• Shining surface to prevent built up edge</li> </ul>

## Turning Chipbreakers - Negative

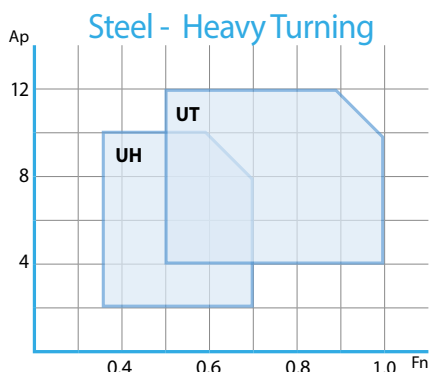
	P	M	K	N	S		Feed	Fn (mm/rev.)						
								0	0.1	0.2	0.3	0.4	0.5	0.6
TURNING	P					UF	Finishing							
	P					UL	Semi Finishing and sticky materials							
	P					UM	Medium & Unstable conditions							
	P					UG	First Choice for Medium (Stable conditions)							
	PARTING & GROOVING	P					<b>NEW</b> PWM	Wiper-Medium						
		P					<b>NEW</b> UH	Low cutting force						
		P					<b>NEW</b> UT	Heavy roughing						
		P		K			UC	Medium Roughing and First choice for Cast iron						
		P		K			UR	Roughing and Heavy interrupted cut						
		P		K			..MA	Cast iron Heavy Roughing						
MILLING														
DRILLING														
TECHNICAL INFORMATION														

0 1 2 3 4 5 6  
Depth of Cut Ap (mm)

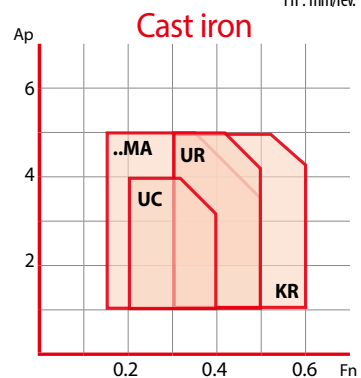
Ap : mm  
Fn : mm/rev.



\*Insert : CNMG120408



\*Insert : CNMM190616



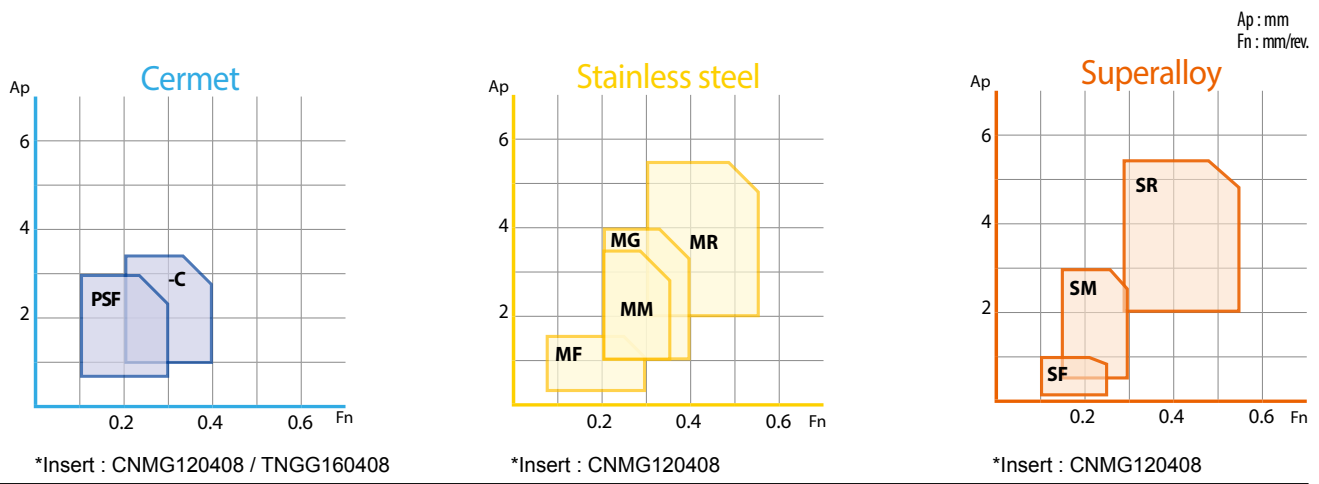
\*Insert : CNMG120408

Product Overview

# Turning Chipbreakers - Negative

Material					Feed		Fn (mm/rev.)				
P	M	K	N	S	0	0.1	0.2	0.3	0.4	0.5	0.6
		<b>K</b>							Fn 0.3~0.6		
					<b>KR</b>	Cast Iron Heavy Roughing			Ap 1.0~5.0		
	<b>M</b>								Fn 0.07~0.30		
					<b>MF</b>	Stainless steel Finishing			Ap 0.2~1.5		
<b>P</b>	<b>M</b>								Fn 0.20~0.35		
					<b>MM</b>	Stainless steel Medium and Low Carbon Steel			Ap 1.0~3.5		
	<b>M</b>								Fn 0.20~0.40		
					<b>MG</b>	Stainless steel General			Ap 1.0~4.0		
	<b>M</b>								Fn 0.30~0.55		
					<b>MR</b>	Stainless steel Roughing			Ap 2.0~5.5		
									Fn 0.1~0.25		
					<b>SF</b>	HRSA Finishing			Ap 0.2~1.0		
									Fn 0.15~0.30		
					<b>SM</b>	HRSA Medium			Ap 0.5~3.0		
									Fn 0.30~0.55		
					<b>SR</b>	Roughing for HRSA			Ap 2.0~5.5		
<b>P</b>	<b>M</b>	<b>K</b>			<b>PSF</b>	Cermet Finishing			Fn 0.10~0.30		
									Ap 0.6~3.0		
<b>P</b>	<b>M</b>	<b>K</b>			<b>-C</b>	Cermet Medium			Fn 0.20~0.40		
									Ap 1.0~3.5		

TURNING  
PARTING & GROOVING  
MILLING  
DRILLING  
TECHNICAL INFORMATION



Product Overview

## Turning Chipbreakers - Positive

TURNING

PARTING & GROOVING

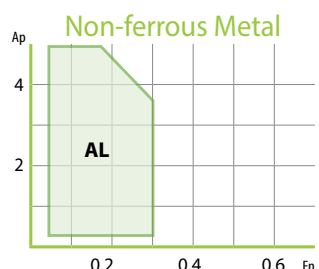
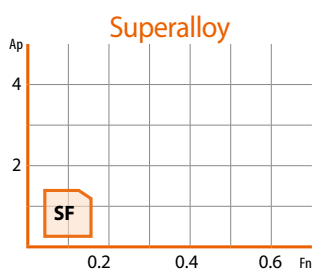
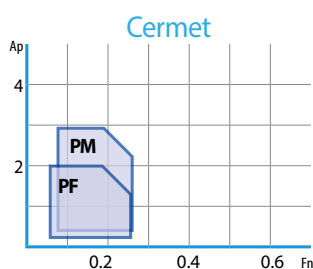
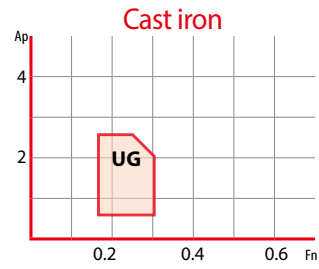
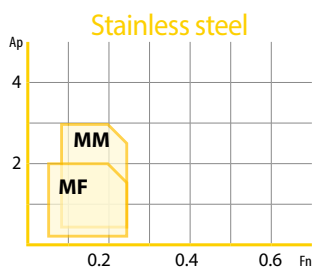
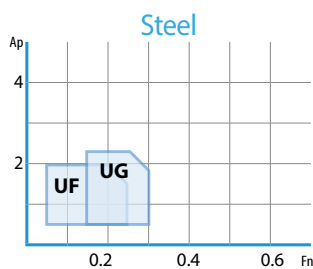
MILLING

DRILLING

TECHNICAL INFORMATION

Material	Chipbreaker	Application	Feed F <sub>n</sub> (mm/rev.)						
			0	0.1	0.2	0.3	0.4	0.5	0.6
P M K N S	AL	Aluminum application 							
P M	UF	Finishing application 							
P K	UG	Medium application 							
M	NEW MF	Stainless steel Finishing 							
M	NEW MM	Stainless steel Medium 							
M	NEW SF	HRSA Finishing 							
P M K	NEW PF	Cermet Finishing 							
P M K	NEW PM	Cermet Medium 							

Depth of Cut A<sub>p</sub> (mm)












\*Insert : CCMT09T304







# Turning Inserts Overview

## Negative Inserts

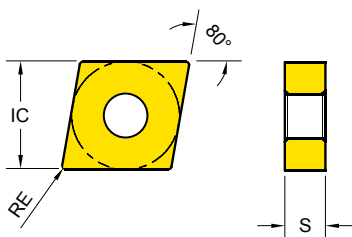
Recommended Cutting Conditions : p.222

Shape	Series	Size & Thickness										Page				
<b>C</b>		CNMA				1204				1606	1906					30
	CNMG	0903	0904		1204					1606	1906			2509		
	CNGG				1204											
	CNMM				1204					1606	1906			2509		
<b>D</b>		DNMA				1504	1506									35
	DNMG			1104		1504	1506									
	DNGG					1504	1506									
	DNMM						1506									
<b>DNUX</b>		DNMX				1504	1506								40	
<b>K</b>		KNUX							1604						41	
<b>S</b>		SNMA				1204	1506			1906					42	
	SNMG	0903				1204				1906			2509			
	SNMM						1506			1906		2507	2509			
<b>T</b>		TNMA							1604						47	
	TNMG								1604		2204					
	TNGG								1604							
<b>TNUX</b>		TNUX							1604					50		
<b>V</b>		VNMA							1604						51	
	VNMG								1604							
<b>W</b>		WNMA				0804									53	
	WNMG		0604		0804											
	WNGG				0804											

## Positive Inserts

Shape	Series	Size & Thickness										Page			
<b>C</b>		CCGT	0602			09T3				1204					57
	CCMT	0602			09T3				1204						
<b>D</b>		DCGT		0702						11T3					59
	DCMT		0702						11T3						
<b>R</b>		RCMT	0602		0803	10T3			1204						61
	RCMX										1606	2006			
<b>S</b>		SCGT				09T3									63
	SCMT					09T3			1204						
<b>T</b>		TCGT					1102				16T3				64
	TCMT						1102			16T3					
<b>V</b>		VBGT / VBMT							1103			1604			66
	VCGT / VCMT								1103			1604			





## Turning Inserts - Negative CNMA / CNMG (80° Rhombic)



Series	IC	S
CN** 0903	9.525	3.18
CN** 0904	9.525	4.76
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35

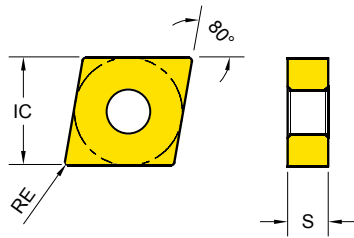
### EDP 2200..

● : Stock item ○ : Order made item

CNMA CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30											S30	K15				
<b>..MA</b>  Cast iron	CNMA 120404	0.4	0.15~0.50	0.5~5.0	●	○	○															
	CNMA 120408	0.8	0.15~0.50	1.0~5.0	●	○	○															
	CNMA 120412	1.2	0.15~0.50	1.5~5.0	●	○	○															
	CNMA 120416	1.6	0.15~0.50	2.0~5.0	●	○	○															
	CNMA 160612	1.2	0.15~0.50	1.5~5.0	●	○	○															
	CNMA 160616	1.6	0.15~0.50	2.0~5.0	●	○	○															
	CNMA 190612	1.2	0.15~0.50	1.5~9.0	●	○	○															
	CNMA 190616	1.6	0.15~1.00	3.0~10.0	●	○	○															
<b>-UF</b>  Finishing	CNMG 120404 - UF	0.4	0.05~0.25	0.5~2.5			○		●	●	●	○										
	CNMG 120408 - UF	0.8	0.05~0.25	1.0~2.5			○		●	●	●											
	CNMG 120412 - UF	1.2	0.05~0.25	1.5~2.5			○		●	●	●											
<b>-UL</b>  Light Machining and Sticky Material	CNMG 090308 - UL	0.8	0.10~0.30	1.0~2.5			○		●	●	●											
	CNMG 090312 - UL	1.2	0.10~0.30	1.5~2.5			○		●	●	●											
	CNMG 090408 - UL	0.8	0.10~0.30	1.0~2.5			○		●	●	●											
	CNMG 090412 - UL	1.2	0.10~0.30	1.5~2.5			○		●	●	●											
	CNMG 120404 - UL	0.4	0.10~0.30	0.5~3.0			○		●	●	●											
	CNMG 120408 - UL	0.8	0.10~0.30	1.0~3.0			○		●	●	●											
	CNMG 120412 - UL	1.2	0.10~0.30	1.5~3.0			○		●	●	●											
	CNMG 120404 - UM	0.4	0.15~0.30	0.5~3.0			●		●	●	●											
<b>-UM</b>  Medium Machining Unstable condition	CNMG 120408 - UM	0.8	0.15~0.30	1.0~3.0	●	●	●	○														
	CNMG 120412 - UM	1.2	0.15~0.30	1.5~3.0	●	●	●															



# Turning Inserts - Negative CNMG (80° Rhombic)



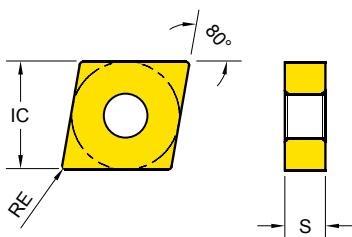
Series	IC	S
CN** 0903	9.525	3.18
CN** 0904	9.525	4.76
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35

EDP 2200..

● : Stock item ○ : Order made item

CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					K20	K30									S30	K15					
-UG  Medium Machining at stable condition	CNMG 120404-UG	0.4	0.20~0.40	0.5~3.0	●	○	○		●	●	●										
	CNMG 120408-UG	0.8	0.20~0.40	1.0~3.0	●	○	○	○	●	●	●	○									
	CNMG 120412-UG	1.2	0.20~0.40	1.5~3.0	●	○	○		●	●	●										
	CNMG 160608-UG	0.8	0.20~0.40	1.0~5.0	●	○	○		●	●	●										
	CNMG 160612-UG	1.2	0.20~0.40	1.5~5.0	●	○	○		●	●	●										
	CNMG 160616-UG	1.6	0.30~0.50	2.0~5.0	●	○	○		●	●	●										
	CNMG 190608-UG	0.8	0.20~0.60	1.0~6.0	●		○		●	●	●										
	CNMG 190612-UG	1.2	0.20~0.60	1.5~6.0					●	●	●										
NEW -PWM  Wiper-Medium	CNMG 120404-PWM	0.4	0.10~0.50	0.5~3.5	●				●	●	●										
	CNMG 120408-PWM	0.8	0.10~0.50	0.8~3.5	●				●	●	●										
	CNMG 120412-PWM	1.2	0.10~0.50	1.0~3.5	●				●	●	●										
-UC  Cast iron and Medium roughing	CNMG 120404-UC	0.4	0.20~0.40	0.5~4.0	●	○	○		●	●	●										
	CNMG 120408-UC	0.8	0.20~0.40	1.0~4.0	●	○	○		●	●	●										
	CNMG 120412-UC	1.2	0.20~0.40	1.5~4.0	●	○	○		●	●	●										
-UR  Roughing	CNMG 120408-UR	0.8	0.30~0.50	1.0~5.0	●	○	○		●	●	●										
	CNMG 120412-UR	1.2	0.30~0.50	1.5~5.0	●	○	○		●	●	●	○									
	CNMG 120416-UR	1.6	0.30~0.50	2.0~5.0	●	○	○		●	●	●										
	CNMG 160608-UR	0.8	0.30~0.50	1.0~5.0	●	○	○		●	●	●										
	CNMG 160612-UR	1.2	0.30~0.50	1.5~5.0	●	○	○		●	●	●										
	CNMG 160616-UR	1.6	0.30~0.50	2.0~5.0	●	○	○		●	●	●										
	CNMG 190608-UR	0.8	0.30~0.80	3.0~9.0	●		○		●	●	●										
	CNMG 190612-UR	1.2	0.30~0.80	3.0~9.0	●	○	○		●	●	●										
	CNMG 190616-UR	1.6	0.30~0.80	3.0~9.0	●	○	○		●	●	●										
						●	○	○		●	●	●									
-KR  Cast Iron Heavy Roughing	CNMG 120408-KR	0.8	0.30~0.60	1.0~5.0	●	○	○		●	●	●										
	CNMG 120412-KR	1.2	0.30~0.60	1.5~5.0	●	○	○		●	●	●										
	CNMG 160612-KR	1.2	0.30~0.60	1.5~6.0	●		○		●	●	●										
	CNMG 160616-KR	1.6	0.30~0.60	2.0~6.0	●		○		●	●	●										
	CNMG 190612-KR	1.2	0.30~1.00	3.0~9.0	●				●	●	●										





## Turning Inserts - Negative CNMG (80° Rhombic)



Series	IC	S
CN** 0903	9.525	3.18
CN** 0904	9.525	4.76
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35

EDP 2200..

● : Stock item ○ : Order made item

CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20			
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	K20	K30	K15	
<b>-MF</b>  Stainless steel Finishing	CNMG 120404 - MF	0.4	0.07~0.3	0.2~1.5																				
	CNMG 120408 - MF	0.8	0.07~0.3	0.2~1.5																				
	CNMG 120412 - MF	1.2	0.07~0.3	0.2~1.5																				
<b>-MM</b>  Stainless steel Medium	CNMG 120404 - MM	0.4	0.20~0.35	0.5~3.5																				
	CNMG 120408 - MM	0.8	0.20~0.35	1.0~3.5																				
	CNMG 120412 - MM	1.2	0.20~0.35	1.5~3.5																				
	CNMG 190608 - MM	0.8	0.20~0.50	2.0~5.5																				
	CNMG 190612 - MM	1.2	0.20~0.55	2.0~5.5																				
<b>-MG</b>  Stainless steel General	CNMG120404 - MG	0.4	0.20~0.40	0.5~4.0																				
	CNMG 120408 - MG	0.8	0.20~0.40	1.0~4.0																				
	CNMG 120412 - MG	1.2	0.20~0.40	1.5~4.0																				
	CNMG 160608 - MG	0.8	0.20~0.45	1.0~4.0																				
	CNMG 160612 - MG	1.2	0.20~0.50	2.0~4.0																				
	CNMG 160616 - MG	1.6	0.20~0.50	2.0~4.0																				
	CNMG 190616 - MG	1.6	0.20~0.50	2.0~5.0																				
<b>-MR</b>  Stainless steel Roughing	CNMG 120408 - MR	0.8	0.30~0.55	2.0~5.5																				
	CNMG 120412 - MR	1.2	0.30~0.55	2.0~5.5																				
	CNMG 120416 - MR	1.6	0.30~0.55	2.0~5.5																				

TURNING

PARTING & GROOVING

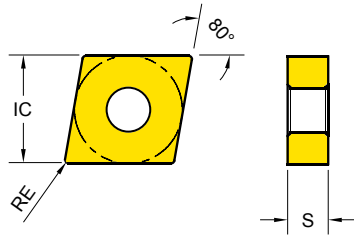
MILLING

DRILLING

TECHNICAL INFORMATION

# Turning Inserts - Negative





## CNGG / CNMG (80° Rhombic)



Series	IC	S
CN** 0903	9.525	3.18
CN** 0904	9.525	4.76
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35

EDP 2200..

● : Stock item ○ : Order made item

CNGG CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
<b>- SF</b>  HRSA Finishing	CNGG 120401 - SF	0.1	0.10~0.25	0.1~1.0														●		
	CNGG 120402 - SF	0.2	0.10~0.25	0.1~1.0														●		
	CNGG 120404 - SF	0.4	0.10~0.25	0.2~1.0														●		
	CNGG 120408 - SF	0.8	0.10~0.25	0.2~1.0														●		
<b>- SM</b>  HRSA Medium	CNMG 120408 - SM	0.8	0.15~0.30	0.5~3.0									○	○	○	○	●			
	CNMG 120412 - SM	1.2	0.15~0.30	0.5~3.0									○	○	○	○	●			
<b>- SR</b>  HRSA Roughing	CNMG 120408 - SR	0.8	0.30~0.55	2.0~5.5													●			
	CNMG 120412 - SR	1.2	0.30~0.55	2.0~5.5													●			
	CNMG 120416 - SR	1.6	0.30~0.55	2.0~5.5													●			
<b>NEW</b> <b>- PSF</b>  Cermet Finishing	CNMG 120404 - PSF	0.4	0.07~0.30	0.4~3.0														●		
	CNMG 120408 - PSF	0.8	0.10~0.30	0.6~3.0														●		

TURNING

PARTING & GROOVING

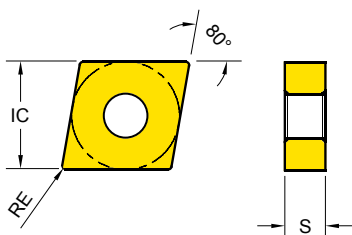
MILLING

DRILLING

TECHNICAL INFORMATION

## Turning Inserts - Negative

### CNMG / CNMM - Heavy Turning (80° Rhombic)



Series	IC	S
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35
CN** 2509	25.400	9.52

#### EDP 2200..

● : Stock item ○ : Order made item

CNMG CNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30																
	CNMM 120408 - UH	0.8	0.30~0.50	1.5~5.0																		
	CNMM 160612 - UH	1.2	0.35~0.60	2.0~5.5																		
<b>NEW</b>	CNMM 160616 - UH	1.6	0.35~0.60	2.5~5.5																		
<b>- UH</b>	CNMM 190612 - UH	1.2	0.35~0.70	1.5~9.0	●		●															
	CNMM 190616 - UH	1.6	0.35~0.70	2.0~9.0	●		●															
	CNMM 190624 - UH	2.4	0.35~0.70	3.0~9.0	●		●															
	CNMM 250924 - UH	2.4	0.40~0.80	3.0~10.0	●		●															
	CNMM 190616 - UR	1.6	0.30~0.80	3.0~9.0																		
<b>- UR</b>	CNMG 250924 - UR	2.4	0.40~1.00	5.0~12.0																		
	CNMM 120408 - UT	0.8	0.40~0.70	1.5~6.0																		
	CNMM 160612 - UT	1.2	0.45~0.70	2.0~6.0																		
<b>NEW</b>	CNMM 160616 - UT	1.6	0.45~0.70	2.5~6.0																		
<b>- UT</b>	CNMM 190612 - UT	1.2	0.50~1.00	3.0~12.0	●		●															
	CNMM 190616 - UT	1.6	0.50~1.00	4.0~12.0	●		●															
	CNMM 190624 - UT	2.4	0.50~1.00	6.0~12.0	●		●															
	CNMM 250924 - UT	2.4	0.55~1.20	6.0~13.0	●		●															

TURNING

PARTING & GROOVING

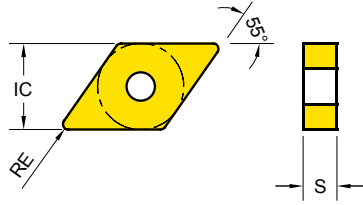
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative




**DNMA / DNMG (55° Rhombic)**



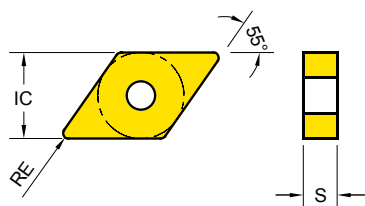
Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200..

● : Stock item ○ : Order made item

DNMA DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
<b>..MA</b>  Cast iron	DNMA 150404	0.4	0.10~0.50	0.5~5.0	●	○	○															
	DNMA 150408	0.8	0.15~0.50	1.0~5.0	●	○	○															
	DNMA 150412	1.2	0.15~0.50	1.5~5.0	●	○	○															
	DNMA 150604	0.4	0.10~0.50	1.0~5.0	●	○	○															
	DNMA 150608	0.8	0.15~0.50	1.0~5.0	●	○	○															
	DNMA 150612	1.2	0.15~0.50	1.5~5.0	●	○	○															
<b>-UF</b>  Finishing	DNMG 150404 - UF	0.4	0.05~0.25	0.5~2.5		○		●	●	●	○											
	DNMG 150408 - UF	0.8	0.05~0.25	1.0~2.5		○	○	●	●	●												
	DNMG 150412 - UF	1.2	0.05~0.25	1.5~2.5		○		●	●	●												
	DNMG 150604 - UF	0.4	0.05~0.25	1.0~2.0		○		●	●	●	○											
	DNMG 150608 - UF	0.8	0.05~0.25	1.5~3.5		○		●	●	●												
	DNMG 150612 - UF	1.2	0.05~0.25	1.5~2.5		○		●	●	●												
<b>-UL</b>  Light Machining and Sticky Material	DNMG 110404 - UL	0.4	0.10~0.3	0.5~2.5		○		●	●	●												
	DNMG 110408 - UL	0.8	0.10~0.3	1.0~2.5		○		●	●	●												
	DNMG 150404 - UL	0.4	0.10~0.3	0.5~3.0		○		●	●	●												
	DNMG 150408 - UL	0.8	0.10~0.3	1.0~3.0		○	○	●	●	●												
	DNMG 150412 - UL	1.2	0.10~0.3	1.5~3.0		○	○	●	●	●												
	DNMG 150604 - UL	0.4	0.10~0.3	0.5~3.0		○		●	●	●												
	DNMG 150608 - UL	0.8	0.10~0.3	1.5~3.0		○		●	●	●												
	DNMG 150612 - UL	1.2	0.10~0.3	1.5~3.0		○		●	●	●												





## Turning Inserts - Negative DNMG (55° Rhombic)



Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

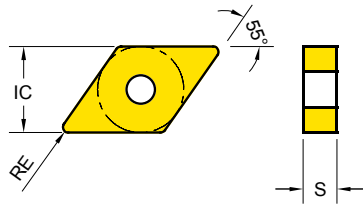
### EDP 2200..

● : Stock item ○ : Order made item

DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15 M15 K15	N20	N20		
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10		
-UM  Medium Machining Unstable condition	DNMG 150404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0	○ 1672		○ 1702		● 2608	● 1703	● 1707											
	DNMG 150408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0		○ 1106	○ 0688		● 2360	● 0689	● 0701											
	DNMG 150412 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0		○ 0604	○ 0512		● 2203	● 0488	● 0705											
	DNMG 150604 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0		○ 1408	○ 1436		● 2609	● 1409	● 1425											
	DNMG 150608 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0		○ 1128	○ 0240		● 2201	● 0241	● 0242											
	DNMG 150612 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0		○ 1149	○ 1132		● 2612	● 0695	● 0706											
-UG  Medium Machining at stable condition	DNMG 150404 - UG	0.4	0.20 ~ 0.40	0.5 ~ 3.0	● 1618		○ 1131		● 2443	● 0772	● 1137											
	DNMG 150408 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0	● 1608	○ 0452	○ 0366		● 2368	● 0367	● 0368	○ 0017										
	DNMG 150412 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0	● 1514	○ 0703	○ 1107		● 2442	● 0487	● 0704											
	DNMG 150604 - UG	0.4	0.20 ~ 0.40	0.5 ~ 3.0	○ 1619		○ 0228		● 2375	● 0229	● 0230											
	DNMG 150608 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0	● 1609	○ 0453	○ 0234		● 2212	● 0235	● 0236	○ 0019										
	DNMG 150612 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0	● 1511	○ 0454	○ 0243		● 2356	● 0244	● 0245											
-UC  Cast iron and Medium roughing	DNMG 150408 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	● 1611	○ 0577	○ 0578	○ 1273	● 2388	● 1193	● 0700											
	DNMG 150412 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	● 1512	○ 0579	○ 0580		● 2373	● 1168	● 0702											
	DNMG 150608 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	● 0898	○ 0090	○ 0121	○ 1272	● 2376	● 0104	● 0122											
	DNMG 150612 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	● 1509	○ 0098	○ 0123		● 2410	● 0105	● 0124											
-UR  Roughing	DNMG 150408 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	● 1621	○ 1095	○ 0585		● 2446	● 1096	● 1097											
	DNMG 150412 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	● 1513	○ 1127	○ 0581		● 2400	● 1134	● 1101											
	DNMG 150608 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	● 1622	○ 0691	○ 0692		● 2447	● 0693	● 0854											
	DNMG 150612 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	● 1510	○ 1258	○ 0371		● 2416	● 0372	● 0373	○ 0020										

# Turning Inserts - Negative





## DNMG (55° Rhombic)



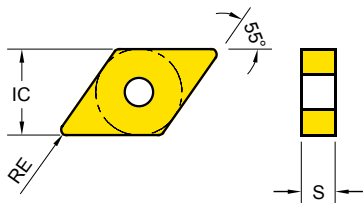
Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200..

● : Stock item ○ : Order made item

DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	K20	K30
<b>-MF</b>  Stainless steel Finishing	DNMG 150404 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5										●	●	●	○					
	DNMG 150408 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5								○		●	●	●	○					
	DNMG 150604 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5										●	●	●	○					
	DNMG 150608 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5							○	○		●	●	●	○					
<b>-MM</b>  Stainless steel Medium	DNMG 150404 - MM	0.4	0.20 ~ 0.35	0.5 ~ 3.5								○		●	●	●	○					
	DNMG 150408 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5								○		●	●	●	○					
	DNMG 150412 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5								○		●	●	●	○					
	DNMG 150604 - MM	0.4	0.20 ~ 0.35	0.5 ~ 3.5								○		●	●	●	○					
	DNMG 150608 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5								○		●	●	●	○					
	DNMG 150612 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5								○		●	●	●	○					
<b>-MG</b>  Stainless steel General	DNMG 150404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0										●								
	DNMG 150408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0										●	●	●	●					
	DNMG 150412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0										●								
	DNMG 150604 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0										●								
	DNMG 150608 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0										●	●	●	●					
	DNMG 150612 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0										●								
<b>-MR</b>  Stainless steel Roughing	DNMG 150408 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5								○		●	●	●						
	DNMG 150412 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5										●	●	●						
	DNMG 150608 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5								○		●	●	●						
	DNMG 150612 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5										●	●	●						





## Turning Inserts - Negative DNGG / DNMG (55° Rhombic)



Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200..

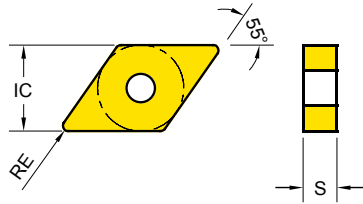
● : Stock item ○ : Order made item

DNGG DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20		
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
<b>-SF</b>  HRSA Finishing	DNGG 150404 - SF	0.4	0.10~0.25	0.2~1.0	●																		
	DNGG 150408 - SF	0.8	0.10~0.25	0.2~1.0																			
	DNGG 150604 - SF	0.4	0.10~0.25	0.2~1.0																			
	DNGG 150608 - SF	0.8	0.10~0.25	0.2~1.0																			
<b>-SM</b>  HRSA Medium	DNMG 150408 - SM	0.8	0.15~0.30	0.5~3.0													○	○	○	●			
	DNMG 150412 - SM	1.2	0.15~0.30	0.5~3.0													○	○	○	●			
	DNMG 150608 - SM	0.8	0.15~0.30	0.5~3.0													○	○	○	●			
	DNMG 150612 - SM	1.2	0.15~0.30	0.5~3.0													○	○	○	●			
<b>-SR</b>  HRSA Roughing	DNMG 150408 - SR	0.8	0.30~0.55	2.0~5.5																			
	DNMG 150412 - SR	1.2	0.30~0.55	2.0~5.5																			
	DNMG 150608 - SR	0.8	0.30~0.55	2.0~5.5																			
	DNMG 150612 - SR	1.2	0.30~0.55	2.0~5.5																			
<b>NEW</b> <b>-PSF</b>  Cermet Finishing	DNMG 150404 - PSF	0.4	0.07~0.30	0.4~3.0																		●	
	DNMG 150408 - PSF	0.8	0.10~0.30	0.6~3.0																			●



Turning Inserts - Negative

**DNMM - Heavy Turning (55° Rhombic)**



Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200..

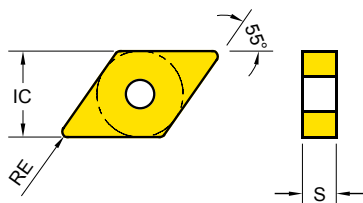
● : Stock item ○ : Order made item

DNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
<b>NEW</b> <b>-UH</b>	DNMM 150612 - UH	1.2	0.30~0.50	2.0~7.0																		
										●	●											
										2327	2328											
<b>NEW</b> <b>-UT</b>	DNMM 150612 - UT	1.2	0.30~0.50	2.0~7.0																		
										●	●											
										2329	2330											



## Turning Inserts - Negative DNUX (4 Corners 55° Rhombic)

TURNING



Series	IC	S
DNUX 1504	12.7	4.76
DNUX 1506	12.7	6.35

PARTING & GROOVING



MILLING

DRILLING

TECHNICAL INFORMATION

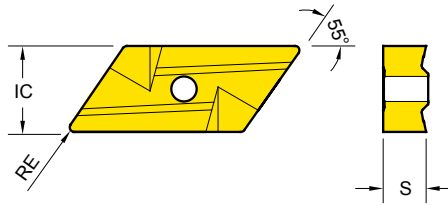
EDP 2200..

● : Stock item ○ : Order made item

DNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	K20	K30
 <p>Left Hand Shown</p>	DNUX 150404 L	0.4	0.10~0.35	0.7~4.0			○	●	●	●												
	DNUX 150408 L	0.8	0.10~0.35	1.0~4.0			○	●	●	●												
	DNUX 150604 L	0.4	0.10~0.35	0.7~4.0			○	●	●	●												
	DNUX 150608 L	0.8	0.10~0.35	1.0~4.0			○	●	●	●												
 <p>Right Hand Shown</p>	DNUX 150404 R	0.4	0.10~0.35	0.7~4.0			○	●	●	●												
	DNUX 150408 R	0.8	0.10~0.35	1.0~4.0			○	●	●	●												
	DNUX 150604 R	0.4	0.10~0.35	0.7~4.0			○	●	●	●												
	DNUX 150608 R	0.8	0.10~0.35	1.0~4.0			○	●	●	●												

Turning Inserts - Negative



**KNUX (2 Corners 55° Parallelogram)**



Series	IC	S
KN** 1604	9.525	4.76

EDP 2200..

● : Stock item ○ : Order made item

KNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	K20	K30
..UX  Left Hand Shown	KNUX 160405 L	0.5	0.10~0.40	0.5~6.0			○		●	●	●	●										
	KNUX 160410 L	1.0	0.30~0.60	1.0~6.0			○		●	●	●											
..UX  Right Hand Shown	KNUX 160405 R	0.5	0.10~0.40	0.5~6.0			○		●	●	●	○										
	KNUX 160410 R	1.0	0.30~0.60	1.0~6.0			○		●	●	●											

Turning Inserts - Negative  
**SNMA / SNMG (90° Square)**

TURNING

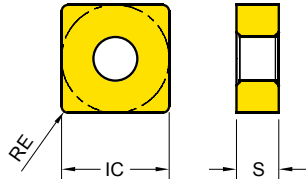
PARTING & GROOVING

MILLING

DRILLING





TECHNICAL INFORMATION

Series	IC	S
SN** 0903	9.525	3.18
SN** 1204	12.700	4.76
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35



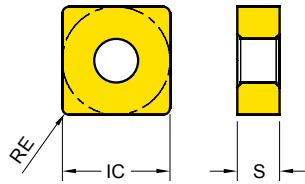
EDP 2200..

● : Stock item ○ : Order made item

SNMA SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30											S30	K15				
..MA  Cast iron	SNMA 120408	0.8	0.15~0.50	1.0~5.0	● 0767	○ 0027	○ 1166															
	SNMA 120412	1.2	0.15~0.50	1.5~5.0	● 0768	○ 0028	○ 1133															
	SNMA 120416	1.2	0.15~0.70	1.0~6.0	● 2023																	
	SNMA 150612	1.2	0.15~0.50	1.5~5.0	● 1423	○ 0729	○ 1150															
	SNMA 190616	1.6	0.15~1.00	3.0~10.0	● 1344	○ 1184	○ 1261															
-UF  Finishing	SNMG 090308 - UF	0.8	0.05~0.20	1.0~2.0						● 2630	● 0999											
	SNMG 120404 - UF	0.4	0.05~0.25	0.5~1.5		○ 1458			● 2631	● 1459	● 1454	○ 0029										
	SNMG 120408 - UF	0.8	0.05~0.25	1.0~2.5		○ 1430			● 2633	● 1433	● 1437											
-UL  Light Machining and Sticky Material	SNMG 120404 - UL	0.4	0.10~0.30	0.5~3.0		○ 1167			● 2632	● 0747	● 1194											
	SNMG 120408 - UL	0.8	0.10~0.30	1.0~3.0		○ 0389			● 2634	● 0390	● 0391											
-UM  Medium Machining Unstable condition	SNMG 120408 - UM	0.8	0.15~0.30	1.0~3.0		○ 0983	○ 0739		● 2635	● 0784	● 0740											

# Turning Inserts - Negative

## SNMG (90° Square)



Series	IC	S
SN** 0903	9.525	3.18
SN** 1204	12.700	4.76
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35

### EDP 2200..

● : Stock item ○ : Order made item

SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20				
																																						K20	K30	S30	K15
																																						K10	P05	P10	P15
Medium Machining at stable condition	SNMG 120408 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0	●	○	○			●	●	○																													
	SNMG 120412 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0	●	○	○			●	●	○																													
	SNMG 120416 - UG	1.6	0.20 ~ 0.40	2.0 ~ 3.0	●	○	○	○		●	●	●																													
Cast iron and Medium roughing	SNMG 120408 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	●	○	○			●	●	●																													
	SNMG 120412 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	●	○	○			●	●	●																													
Roughing	SNMG 120408 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	●	○	○			●	●	●																													
	SNMG 120412 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	●	○	○			●	●	○																													
	SNMG 120416 - UR	1.6	0.30 ~ 0.50	2.0 ~ 5.0	●	○	○	○		●	●	●																													
	SNMG 190612 - UR	1.2	0.30 ~ 0.80	3.0 ~ 9.0						●	●	●																													
	SNMG 190616 - UR	1.6	0.30 ~ 0.80	3.0 ~ 9.0	●					●	●	●																													
Cast Iron Heavy Roughing	SNMG 120412 - KR	1.2	0.30 ~ 0.60	1.5 ~ 5.0	●	○	○			●																															
	SNMG 120416 - KR	1.6	0.30 ~ 0.60	2.0 ~ 5.0	●	○	○	○		●																															

## Turning Inserts - Negative SNMG (90° Square)

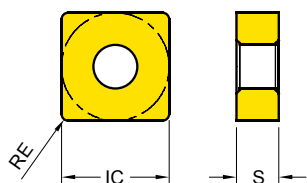
TURNING

PARTING & GROOVING

MILLING

DRILLING





TECHNICAL INFORMATION



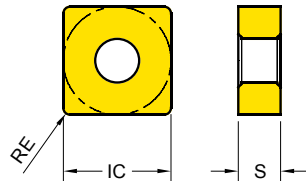
Series	IC	S
SN** 0903	9.525	3.18
SN** 1204	12.700	4.76
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35

EDP 2200..

● : Stock item ○ : Order made item

SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	K20	K30
-MF  Stainless steel Finishing	SNMG 120404 - MF	0.4	0.07~0.30	0.2~1.5																		
	SNMG 120408 - MF	0.8	0.07~0.30	0.2~1.5																		
	SNMG 120412 - MF	1.2	0.07~0.30	0.2~1.5																		
-MM  Stainless steel Medium	SNMG 120408 - MM	0.8	0.20~0.35	1.0~3.5																		
	SNMG 120412 - MM	1.2	0.20~0.35	1.5~3.5																		
-MG  Stainless steel General	SNMG 120404 - MG	0.4	0.20~0.40	0.5~4.0																		
	SNMG 120408 - MG	0.8	0.20~0.40	1.0~4.0																		
	SNMG 120412 - MG	1.2	0.20~0.40	1.5~4.0																		
-MR  Stainless steel Roughing	SNMG 120408 - MR	0.8	0.30~0.55	2.0~5.5																		
	SNMG 120412 - MR	1.2	0.30~0.55	2.0~5.5																		
	SNMG 120416 - MR	1.6	0.30~0.55	2.0~5.5																		



# Turning Inserts - Negative SNMG (90° Square)



Series	IC	S
SN** 0903	9.525	3.18
SN** 1204	12.700	4.76
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35

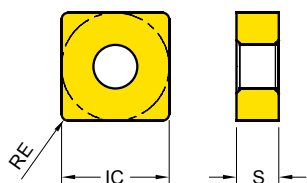
EDP 2200..

● : Stock item ○ : Order made item

SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-SM  HRSA Medium	SNMG 090304 - SM	0.4	0.15 ~ 0.30	0.5 ~ 3.0																
	SNMG 120408 - SM	0.8	0.15 ~ 0.30	0.5 ~ 3.0													○ 2434	● 2435		
-SR  HRSA Roughing	SNMG 120408 - SR	0.8	0.30 ~ 0.55	2.0 ~ 5.5														● 1305		
	SNMG 120412 - SR	1.2	0.30 ~ 0.55	2.0 ~ 5.5														● 1304		

## Turning Inserts - Negative




### SNMG / SNMM - Heavy Turning (90° Square)



Series	IC	S
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35
SN** 2507	25.400	7.94
SN** 2509	25.400	9.52

EDP 2200..

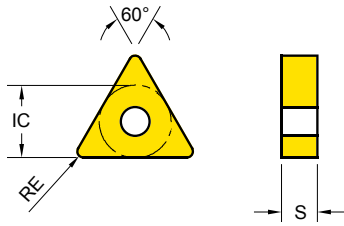
● : Stock item ○ : Order made item

SNMG SNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
<b>NEW</b> <b>-UH</b>  Low cutting force	SNMM 150612 - UH	1.2	0.35~0.60	2.0~5.5	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	SNMM 190612 - UH	1.2	0.35~0.70	1.5~9.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	SNMM 190616 - UH	1.6	0.35~0.70	2.0~9.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	SNMM 190624 - UH	2.4	0.35~0.70	3.0~9.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	SNMM 250924 - UH	2.4	0.40~0.80	3.0~10.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
<b>-UR</b>  Roughing	SNMG 250924 - UR	2.4	0.40~1.00	5.0~12.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
<b>NEW</b> <b>-UT</b>  Heavy Roughing	SNMM 150612 - UT	1.2	0.45~0.70	2.0~6.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	SNMM 190612 - UT	1.2	0.50~1.00	3.0~12.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	SNMM 190616 - UT	1.6	0.50~1.00	4.0~12.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	SNMM 190624 - UT	2.4	0.50~1.00	6.0~12.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	SNMM 250724 - UT	2.4	0.55~1.20	6.0~13.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
SNMM 250924 - UT	2.4	0.55~1.20	6.0~13.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○



Turning Inserts - Negative








**TNMA / TNMG (60° Triangle)**



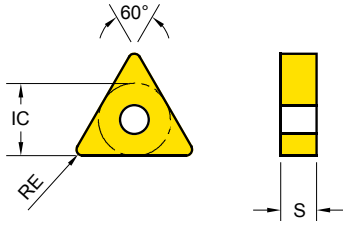
Series	IC	S
TN** 1604	9.525	4.76
TN** 2204	12.700	4.76

EDP 2200..

● : Stock item ○ : Order made item

TNMA TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20		
					K20	K30	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
..MA  Cast iron	TNMA 160404	0.4	0.15 ~ 0.50	0.5 ~ 5.0	●	○	○																
	TNMA 160408	0.8	0.15 ~ 0.50	1.0 ~ 5.0	●	○	○																
	TNMA 160412	1.2	0.15 ~ 0.50	1.5 ~ 5.0	●	○	○																
-UF  Finishing	TNMG 160404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.5			○		●	●	●	○											
	TNMG 160408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.5			○		●	●	●												
	TNMG 160412 - UF	1.2	0.05 ~ 0.25	1.5 ~ 2.5			○		●	●	●												
	TNMG 220404 - UF	0.4	0.10 ~ 0.35	0.5 ~ 4.0			○		●	●	●	○											
-UL  Light Machining and Sticky Material	TNMG 160404 - UL	0.4	0.10 ~ 0.30	0.5 ~ 3.0			○		●	●	●												
	TNMG 160408 - UL	0.8	0.10 ~ 0.30	1.0 ~ 3.0			○		●	●	●												
	TNMG 160412 - UL	1.2	0.10 ~ 0.30	1.5 ~ 3.0			○		●	●	●												
-UM  Medium Maching Unstable condition	TNMG 160404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0	○	○	○	○	●	●	●												
	TNMG 160408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0	○	○	○	○	●	●	●												
	TNMG 160412 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0	○	○	○	○	●	●	●												
-UG  Medium Maching at stable condition	TNMG 160404 - UG	0.4	0.20 ~ 0.40	0.5 ~ 3.0	●	○	○		●	●	●												
	TNMG 160408 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0	●	○	○		●	●	●												
	TNMG 160412 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0	●	○	○		●	●	●												
	TNMG 220408 - UG	0.8	0.25 ~ 0.60	1.0 ~ 6.0	●	○	○		●	●	●	○											
	TNMG 220412 - UG	1.2	0.25 ~ 0.60	1.5 ~ 6.0	●	○	○		●	●	●												
	TNMG 220416 - UG	1.6	0.25 ~ 0.60	2.0 ~ 6.0	●	○	○		●	●	●												
-UC  Cast iron and Medium roughing	TNMG 160404 - UC	0.4	0.20 ~ 0.40	0.5 ~ 4.0	●	○	○		●	●	●												
	TNMG 160408 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	●	○	○		●	●	●												
	TNMG 160412 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	●	○	○		●	●	●												
	TNMG 220416 - UC	1.6	0.20 ~ 0.40	2.0 ~ 4.0								●											
-UR  Roughing	TNMG 160408 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	●	○	○		●	●	●												
	TNMG 160412 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	●	○	○		●	●	●	○											
	TNMG 220412 - UR	1.2	0.30 ~ 0.65	1.5 ~ 7.0	●	○	○		●	●	●	○											
	TNMG 220416 - UR	1.6	0.30 ~ 0.65	2.0 ~ 7.0	●	○	○		●	●	●												

## Turning Inserts - Negative TNMG (60° Triangle)



Series	IC	S
TN** 1604	9.525	4.76
TN** 2204	12.700	4.76

TURNING

PARTING & GROOVING





MILLING

DRILLING

TECHNICAL INFORMATION

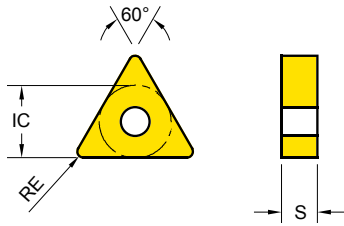
EDP 2200..

● : Stock item ○ : Order made item

TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20		
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
-MF  Stainless steel Finishing	TNMG 160404 - MF	0.4	0.07~0.3	0.2~1.5	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●	
	TNMG 160408 - MF	0.8	0.07~0.3	0.2~1.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
-MM  Stainless steel Medium	TNMG 160404 - MM	0.4	0.20~0.35	0.5~3.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	TNMG 160408 - MM	0.8	0.20~0.35	1.0~3.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	TNMG 160412 - MM	1.2	0.20~0.35	1.5~3.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
-MG  Stainless steel General	TNMG 160404 - MG	0.4	0.20~0.40	0.5~4.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	TNMG 160408 - MG	0.8	0.20~0.40	1.0~4.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	TNMG 160412 - MG	1.2	0.20~0.50	2.0~4.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
-MR  Stainless steel Roughing	TNMG 160408 - MR	0.8	0.30~0.55	2.0~5.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	TNMG 160412 - MR	1.2	0.30~0.55	2.0~5.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

# Turning Inserts - Negative

## TNGG / TNMG (60° Triangle)



Series	IC	S
TN** 1604	9.525	4.76
TN** 2204	12.700	4.76

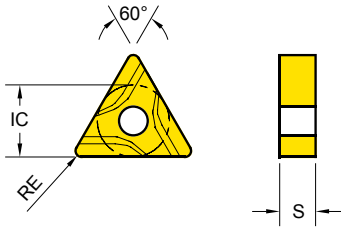
EDP 2200..

● : Stock item ○ : Order made item

TNGG TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30								S30	K15							
-SF Stainless steel Finishing	TNMG 160408 - SF	0.8	0.10~0.25	0.2~1.0														●				
																		1427				
-SM Stainless steel Medium	TNMG 160408 - SM	0.8	0.15~0.30	0.5~3.0												○	○	○	●			
	TNMG 160412 - SM	1.2	0.15~0.30	0.5~3.0												○	○	○	●			
																1575	1576	1577	1228			
																1635	1636	1858	1508			
-SR HRSA Roughing	TNMG 160408 - SR	0.8	0.30~0.55	2.0~5.5														●				
	TNMG 160412 - SR	1.2	0.30~0.55	2.0~5.5														1307				
																		●				
																		1306				
NEW -PSF Cermet Finishing	TNMG 160404 - PSF	0.4	0.07~0.30	0.4~2.5															●			
	TNMG 160408 - PSF	0.8	0.10~0.30	0.6~2.5															2535			
																			●			
																		2536				
NEW -C Cermet Medium Left Hand Shown	TNGG 160402L - C	0.2	0.20~0.40	0.3~3.5															○			
	TNGG 160404L - C	0.4	0.20~0.40	0.5~3.5															2524			
	TNGG 160408L - C	0.8	0.20~0.40	1.0~3.5															○			
																			2526			
																			○			
																			2528			
NEW -C Cermet Medium Right Hand Shown	TNGG 160402R - C	0.2	0.20~0.40	0.3~3.5															○			
	TNGG 160404R - C	0.4	0.20~0.40	0.5~3.5															2525			
	TNGG 160408R - C	0.8	0.20~0.40	1.0~3.5															○			
																			2527			
																			○			
																			2529			



## Turning Inserts - Negative TNUX (60° Triangle)

Series	IC	S
TN** 1604	9.525	4.76



EDP 2200..

● : Stock item ○ : Order made item

TNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30								S30	K15							
<b>..UX</b>  Left Hand Shown	TNUX 160404 L	0.4	0.10~0.30	0.5~4.0	○	○	○	●	●	●	○											
	TNUX 160408 L	0.8	0.10~0.40	1.0~5.0	○	○	○	●	●	●	○							○				
<b>..UX</b>  Right Hand Shown	TNUX 160404 R	0.4	0.10~0.30	0.5~4.0	○	○	○	●	●	●	○											
	TNUX 160408 R	0.8	0.10~0.40	1.0~5.0	○	○	○	●	●	●	○											

TURNING

PARTING & GROOVING

MILLING

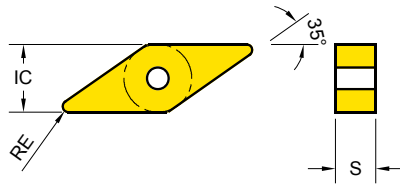
DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative




**VNMA / VNMG (35° Rhombic)**

Series	IC	S
VN** 1604	9.525	4.76



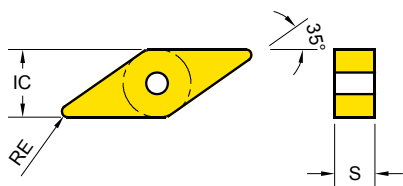
EDP 2200..

● : Stock item ○ : Order made item

VNMA VNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10		
<b>..MA</b>  Cast iron	VNMA 160408	0.8	0.15~0.40	1.0~5.0	● 1573	○ 0162	○ 1275															
<b>-UF</b>  Finishing	VNMG 160404 - UF	0.4	0.05~0.25	0.5~2.5			○ 0306		● 2205	● 0307	● 0308	○ 0049										
	VNMG 160408 - UF	0.8	0.05~0.25	1.0~2.5			○ 0309		● 2207	● 0310	● 0311											
<b>-UL</b>  Light Machining and Sticky Material	VNMG 160404 - UL	0.4	0.10~0.30	0.5~3.0			○ 0886		● 2412	● 0912	● 0723											
	VNMG 160408 - UL	0.8	0.10~0.30	1.0~3.0			○ 0428	○ 0790	● 2202	● 0429	● 0853											
	VNMG160412 - UL	1.2	0.10~0.30	1.5~3.0					● 2431													
<b>-UM</b>  Medium Machining Unstable condition	VNMG 160408 - UM	0.8	0.15~0.30	1.0~3.0		○ 1357	○ 1359		● 2424	● 1361	● 1362											
	VNMG 160412 - UM	1.2	0.15~0.30	1.5~3.0		○ 1230	○ 0736	○ 0870	● 2701	● 0737	● 1214											
<b>-UG</b>  Medium Machining at stable condition	VNMG 160404 - UG	0.4	0.20~0.40	0.5~3.0	● 1648	○ 1331	○ 0993		● 2420	● 0940	● 0994											
	VNMG 160408 - UG	0.8	0.20~0.40	1.0~3.0	● 1000	○ 0462	○ 0312		● 2176	● 0313	● 0314	○ 0050										
	VNMG 160412 - UG	1.2	0.20~0.40	1.5~3.0	● 1659	○ 1345	○ 0931		● 2407	● 0927	● 0917											
<b>-UC</b>  Cast iron and Medium roughing	VNMG 160404 - UC	0.4	0.20~0.40	0.5~3.5	● 1612	○ 0885	○ 0423		● 2366	● 1276	● 1277											
	VNMG 160408 - UC	0.8	0.20~0.40	1.0~3.5	● 0980	○ 0094	○ 0424		● 2210	● 0425	● 0426											
	VNMG 160412 - UC	1.2	0.20~0.40	1.5~3.5	● 1587	○ 1381	○ 1392		● 2700	● 1382	● 1384											
<b>-UR</b>  Roughing	VNMG 160412 - UR	1.2	0.30~0.50	1.5~5.0	● 1638	○ 1231	○ 0430	○ 0871	● 2380	● 0431	● 0432	○ 0051										

## Turning Inserts - Negative VNMG (35° Rhombic)

Series	IC	S
VN** 1604	9.525	4.76



TURNING

PARTING & GROOVING






MILLING

DRILLING

TECHNICAL INFORMATION

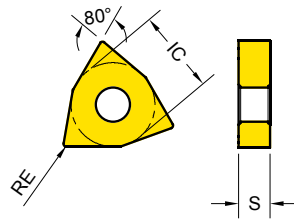
EDP 2200..

● : Stock item ○ : Order made item

VNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
-MF 	VNMG 160404 - MF	0.4	0.07~0.30	0.2~1.5	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●
	VNMG 160408 - MF	0.8	0.07~0.30	0.2~1.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
-MM 	VNMG 160404 - MM	0.4	0.20~0.35	0.5~3.5	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●	●	●	●
	VNMG 160408 - MM	0.8	0.20~0.35	1.0~3.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
-MG 	VNMG 160404 - MG	0.4	0.20~0.40	0.5~4.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	VNMG 160408 - MG	0.8	0.20~0.40	1.0~4.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	VNMG 160412 - MG	1.2	0.20~0.40	1.5~4.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
-MR 	VNMG 160408 - MR	0.8	0.30~0.55	2.0~5.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	VNMG 160408 - SR	0.8	0.30~0.55	2.0~5.5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
-PSF 	VNMG 160404 - PSF	0.4	0.07~0.30	0.3~2.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	VNMG 160408 - PSF	0.8	0.10~0.30	0.5~2.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

Turning Inserts - Negative


**WNMA / WNMG (80° Trigon)**



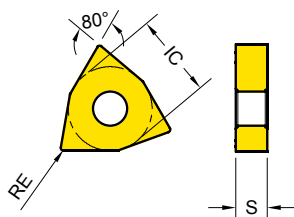
Series	IC	S
WN** 0604	9.525	4.76
WN** 0804	12.700	4.76

EDP 2200..

● : Stock item ○ : Order made item

WNMA WNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10		
..MA  Cast iron	WNMA 080404	0.4	0.15 ~ 0.50	0.5 ~ 5.0	●	○	○															
	WNMA 080408	0.8	0.15 ~ 0.50	1.0 ~ 5.0	●	○	○															
	WNMA 080412	1.2	0.15 ~ 0.50	1.5 ~ 5.0	●	○	○															
-UF  Finishing	WNMG 060404 - UF	0.4	0.05 ~ 0.20	0.5 ~ 2.0			○		●	●	●	○										
	WNMG 080404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.5			○		●	●	●	○										
	WNMG 080408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.5			○		●	●	●											
	WNMG 080412 - UF	1.2	0.05 ~ 0.25	1.5 ~ 2.5			○		●	●	●											
-UL  Light Machining and Sticky Material	WNMG 060408 - UL	0.8	0.10 ~ 0.30	1.0 ~ 2.5			○		●	●	●											
	WNMG 080404 - UL	0.4	0.10 ~ 0.30	0.5 ~ 3.0			○		●	●	●											
	WNMG 080408 - UL	0.8	0.10 ~ 0.30	1.0 ~ 3.0			○		●	●	●											
	WNMG 080412 - UL	1.2	0.10 ~ 0.30	1.5 ~ 3.0			○		●	●	●											
-UM  Medium Machining Unstable condition	WNMG 060404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 2.5	○	○	○		●	●	●											
	WNMG 060408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 2.5	○	○	○		●	●	●											
	WNMG 080404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0		○	○		●	●	●											
	WNMG 080408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0		○	○		●	●	●											
	WNMG 080412 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0		○	○		●	●	●											
	WNMG 080416 - UM	1.6	0.15 ~ 0.30	2.0 ~ 3.0		○	○		●	●	●											

## Turning Inserts - Negative WNMG (80° Trigon)



Series	IC	S
WN** 0604	9.525	4.76
WN** 0804	12.700	4.76

TURNING

PARTING & GROOVING






MILLING

DRILLING

TECHNICAL INFORMATION

EDP 2200..

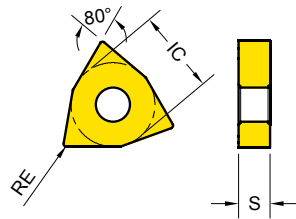
● : Stock item ○ : Order made item

WNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30							S30	K15								
-UG  Medium Machining at stable condition	WNMG 060408 - UG	0.8	0.20~0.40	1.0~3.0	●	○	○			●	●	○										
	WNMG 080404 - UG	0.4	0.20~0.40	0.5~3.0	●	○	○			●	●	○										
	WNMG 080408 - UG	0.8	0.20~0.40	1.0~3.0	●	○	○	○		●	●	○										
	WNMG 080412 - UG	1.2	0.20~0.40	1.5~3.0	●	○	○	○		●	●	○										
	WNMG 080416 - UG	1.6	0.20~0.40	2.0~4.0	●	○	○	○		●	●	○										
-PWM  Wiper-Medium	WNMG 080408 - PWM	0.8	0.10~0.50	0.8~3.5						●												
-UC  Cast iron and Medium roughing	WNMG 060408 - UC	0.8	0.20~0.40	1.0~3.0	●	○	○			●	●	○										
	WNMG 080404 - UC	0.4	0.20~0.40	0.5~4.0	●	○	○			●	●	○										
	WNMG 080408 - UC	0.8	0.20~0.40	1.0~4.0	●	○	○	○		●	●	○										
	WNMG 080412 - UC	1.2	0.20~0.40	1.5~4.0	●	○	○	○		●	●	○										
	WNMG 080416 - UC	1.6	0.20~0.40	2.0~4.0	●	○	○	○		●	●	○										
-UR  Roughing	WNMG 060412 - UR	1.2	0.30~0.50	1.5~4.0	●	○	○			●	●	○										
	WNMG 080408 - UR	0.8	0.30~0.50	1.0~5.0	●	○	○			●	●	○										
	WNMG 080412 - UR	1.2	0.30~0.50	1.5~5.0	●	○	○	○		●	●	○								○		
	WNMG 080416 - UR	1.6	0.30~0.50	2.0~5.0	●	○	○	○		●	●	○										
-KR  Cast Iron Heavy Roughing	WNMG 080408 - KR	0.8	0.30~0.60	1.0~5.0	●	○	○			●												
	WNMG 080412 - KR	1.2	0.30~0.60	1.5~5.0	●	○	○			●												



# Turning Inserts - Negative





## WNMG (80° Trigon)



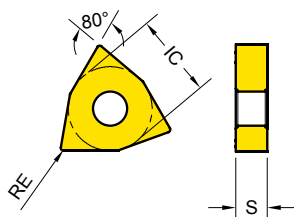
Series	IC	S
WN** 0604	9.525	4.76
WN** 0804	12.700	4.76

EDP 2200..

● : Stock item ○ : Order made item

WNUMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20			
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	K20	K30	K15	
<b>-MF</b>  Stainless steel Finishing	WNMG 060404 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5										●	●	●	○							
	WNMG 060408 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5			○ 0833						○ 0996	● 2461	● 1215	● 1217	● 2284	○ 2279						
	WNMG 080404 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5									○ 0834	● 2462	● 0667	● 0668	● 0970	○ 2281						
	WNMG 080408 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5									○ 1098	● 2463	● 0617	● 0618	● 2268	○ 2282						
<b>-MM</b>  Stainless steel Medium	WNMG 080404 - MM	0.4	0.20 ~ 0.35	0.5 ~ 3.5											●	●	○							
	WNMG 080408 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5								○ 0491			● 0571	● 0572	● 2300	○ 2301						
	WNMG 080412 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5											● 0497	● 0498	● 0633	○ 2302						
<b>-MG</b>  Stainless steel General	WNMG 060404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 3.0										●										
	WNMG 060408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 3.0										●										
	WNMG 060412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 3.0										●										
	WNMG 080404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0											●									
	WNMG 080408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0											● 2478	● 1496	● 1497	● 1160	● 1498					
	WNMG 080412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0											● 2479	● 1499	● 1500	● 1161	● 1501					
<b>-MR</b>  Stainless steel Roughing	WNMG 060412 - MR	1.2	0.30 ~ 0.55	1.2 ~ 4.0								○ 1154	● 2498	● 0616	● 1787	● 1896								
	WNMG 080408 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5								○ 1099	● 2499	● 0619	● 0620	● 0835								
	WNMG 080412 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5								○ 0837	● 2482	● 0665	● 0666	● 0836								

## Turning Inserts - Negative WNGG / WNMG (80° Trigon)



Series	IC	S
WN** 0604	9.525	4.76
WN** 0804	12.700	4.76

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

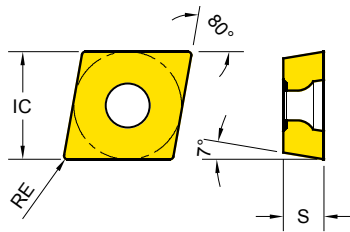
EDP 2200..

● : Stock item ○ : Order made item

WNGG WNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30	S30	K15														
<b>-SF</b>  HRSA Finishing	WNGG 080408 - SF	0.8	0.10~0.25	0.2~1.0	●												●					
																		○				
<b>-SM</b>  HRSA Medium	WNMG 080408 - SM	0.8	0.15~0.30	0.5~3.0													○	○	○	●		
	WNMG 080412 - SM	1.2	0.15~0.30	0.5~3.0														○	○	○	●	
<b>-SR</b>  HRSA Roughing	WNMG 060412 - SR	1.2	0.30~0.55	1.2~4.0																●		
	WNMG 080408 - SR	0.8	0.30~0.55	2.0~5.5																	●	
	WNMG 080412 - SR	1.2	0.30~0.55	2.0~5.5																	●	
<b>NEW</b> <b>-PSF</b>  Cermet Finishing	WNMG 080404 - PSF	0.4	0.07~0.30	0.4~2.5																	●	
	WNMG 080408 - PSF	0.8	0.10~0.30	0.6~2.5																		●

# Turning Inserts - Positive




## CCGT / CCMT (80° Rhombic)



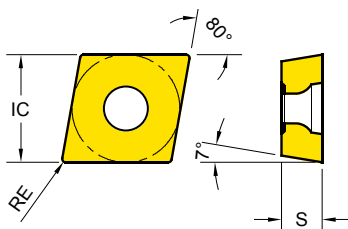
Series	IC	S
CC** 0602	6.350	2.38
CC** 09T3	9.525	3.97
CC** 1204	12.700	4.76

EDP 2200..

● : Stock item ○ : Order made item

CCGT CCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
<b>-AL</b>  Aluminum	CCGT 060202 - AL	0.2	0.01 ~ 0.12	0.05 ~ 3.0																●
	CCGT 060204 - AL	0.4	0.02 ~ 0.15	0.10 ~ 3.0																●
	CCGT 09T302 - AL	0.2	0.02 ~ 0.20	0.05 ~ 3.0																●
	CCGT 09T304 - AL	0.4	0.02 ~ 0.30	0.10 ~ 5.0																●
	CCGT 09T308 - AL	0.8	0.03 ~ 0.50	0.10 ~ 5.0																●
	CCGT 120402 - AL	0.2	0.02 ~ 0.30	0.05 ~ 4.0																●
	CCGT 120404 - AL	0.4	0.03 ~ 0.50	0.10 ~ 5.0																●
	CCGT 120408 - AL	0.8	0.04 ~ 0.80	0.10 ~ 5.5																●
<b>-UF</b>  Finishing	CCMT 060204 - UF	0.4	0.05 ~ 0.20	0.5 ~ 2.0			○	○	●	●	●									
	CCMT 09T304 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.0			○		●	●	●									
	CCMT 09T308 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.0			○		●	●	●									
	CCMT 120404 - UF	0.4	0.10 ~ 0.25	1.0 ~ 5.0					●	●	●									
<b>-UG</b>  General	CCMT 060204 - UG	0.4	0.10 ~ 0.25	0.5 ~ 2.0	●		○		●	●	●	○				○				
	CCMT 060208 - UG	0.8	0.10 ~ 0.25	0.8 ~ 2.0	●		○		●	●	●	○				○				
	CCMT 09T304 - UG	0.4	0.15 ~ 0.30	0.5 ~ 2.5	●		○		●	●	●	○				○				
	CCMT 09T308 - UG	0.8	0.15 ~ 0.30	0.8 ~ 2.5	●	○			●	●	●	○			○					
	CCMT 120404 - UG	0.4	0.15 ~ 0.35	0.5 ~ 3.0	●		○		●	●	●	○				○				
	CCMT 120408 - UG	0.8	0.15 ~ 0.35	0.8 ~ 3.0	●		○		●	●	●	○				○				
	CCMT 120412 - UG	1.2	0.15 ~ 0.35	1.2 ~ 3.0	●		○		●	●	●	○				○				

## Turning Inserts - Positive CCGT / CCMT (80° Rhombic)



Series	IC	S
CC** 0602	6.350	2.38
CC** 09T3	9.525	3.97
CC** 1204	12.700	4.76

TURNING

PARTING & GROOVING






MILLING

DRILLING

TECHNICAL INFORMATION

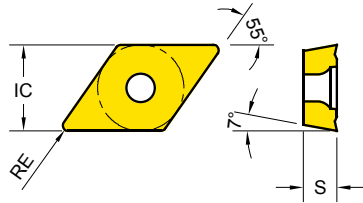
EDP 2200..

● : Stock item ○ : Order made item

CCGT CCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20		
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	K20	K30	K15
<b>NEW</b> -SF  HRSA Finishing	CCGT 060201 - SF	0.1	0.02~0.15	0.10~1.5													●	●					
	CCGT 060202 - SF	0.2	0.02~0.15	0.10~1.5														●	●				
	CCGT 060204 - SF	0.4	0.03~0.20	0.10~2.4														●	●				
	CCGT 09T301 - SF	0.1	0.02~0.15	0.10~2.5														●	●				
	CCGT 09T302 - SF	0.2	0.02~0.15	0.10~2.5														●	●				
	CCGT 09T304 - SF	0.4	0.03~0.20	0.10~2.5														●	●				
	CCGT 09T308 - SF	0.8	0.03~0.25	0.10~2.5														●	●				
<b>NEW</b> -MF  Stainless steel Finishing	CCMT 060208 - MF	0.8	0.05~0.20	0.08~2.0												●	●	●	●				
	CCMT 09T302 - MF	0.2	0.04~0.15	0.08~2.0													●	●	●	●			
	CCMT 09T304 - MF	0.4	0.06~0.25	0.10~2.0													●	●	●	●			
	CCMT 09T308 - MF	0.8	0.08~0.30	0.15~2.0													●	●	●	●			
<b>NEW</b> -MM  Stainless steel Medium	CCMT 09T304 - MM	0.4	0.08~0.25	0.25~3.0												●	●	●	●				
	CCMT 09T308 - MM	0.8	0.10~0.30	0.50~3.0													●	●	●	●			
<b>NEW</b> -PF  Cermet Finishing	CCMT 09T302 - PF	0.2	0.04~0.15	0.08~2.0																●			
	CCMT 09T304 - PF	0.4	0.06~0.25	0.10~2.0																	●		
	CCMT 09T308 - PF	0.8	0.08~0.30	0.15~2.0																	●		
<b>NEW</b> -PM  Cermet Medium	CCMT 09T304 - PM	0.4	0.08~0.25	0.25~3.0																●			
	CCMT 09T308 - PM	0.8	0.10~0.30	0.50~3.0																	●		

# Turning Inserts - Positive




## DCGT / DCMT (55° Rhombic)



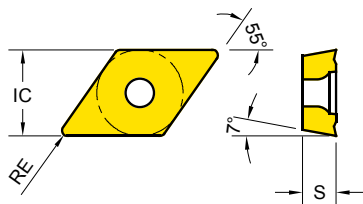
Series	IC	S
DC** 0702	6.350	2.38
DC** 11T3	9.525	3.97

EDP 2200..

● : Stock item ○ : Order made item

DCGT DCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20		
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
<b>-AL</b>  Aluminum	DCGT 070202 - AL	0.2	0.01 ~ 0.20	0.05 ~ 3.0																		●	
	DCGT 070204 - AL	0.4	0.02 ~ 0.30	0.10 ~ 4.0																			●
	DCGT 11T301 - AL	0.1	0.01 ~ 0.30	0.05 ~ 4.0																			●
	DCGT 11T302 - AL	0.2	0.02 ~ 0.30	0.05 ~ 4.0																			●
	DCGT 11T304 - AL	0.4	0.03 ~ 0.50	0.10 ~ 5.0																			●
	DCGT 11T308 - AL	0.8	0.03 ~ 0.50	1.00 ~ 5.0																			●
<b>-UF</b>  Finishing	DCMT 070204 - UF	0.4	0.05 ~ 0.20	0.50 ~ 2.0			○		●	●	●					○	○						
	DCMT 11T304 - UF	0.4	0.05 ~ 0.25	0.50 ~ 2.0			○		●	●	●					○	○	○					
	DCMT 11T308 - UF	0.8	0.05 ~ 0.25	1.00 ~ 2.0	●		○		●	●	●												
<b>-UG</b>  General	DCMT 070204 - UG	0.4	0.10 ~ 0.25	0.50 ~ 2.0	●		○		●	●	●	○											
	DCMT 070208 - UG	0.8	0.10 ~ 0.25	0.80 ~ 2.0	●		○		●	●	●												
	DCMT 11T304 - UG	0.4	0.15 ~ 0.30	0.50 ~ 2.5	●	○	○		●	●	●	○				○	○	○					
	DCMT 11T308 - UG	0.8	0.15 ~ 0.30	0.80 ~ 2.5	●	○	○		●	●	●	○											
	DCMT 11T312 - UG	1.2	0.15 ~ 0.35	1.50 ~ 3.0					●	●													

## Turning Inserts - Positive DCGT / DCMT (55° Rhombic)



Series	IC	S
DC** 0702	6.350	2.38
DC** 11T3	9.525	3.97

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

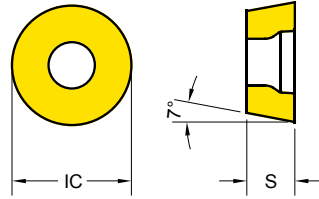
EDP 2200..

● : Stock item ○ : Order made item

DCGT DCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K15
	DCGT 070201 - SF	0.1	0.02~0.15	0.10~1.5	●												●	●				
	DCGT 070202 - SF	0.2	0.02~0.15	0.10~1.5													●	●				
<b>NEW</b>	DCGT 070204 - SF	0.4	0.03~0.20	0.10~1.5													○	●	●			
<b>-SF</b>	DCGT 11T301 - SF	0.1	0.01~0.05	0.10~2.5													●	●				
	DCGT 11T302 - SF	0.2	0.02~0.15	0.10~2.5													○	○	●	●		
	DCGT 11T304 - SF	0.4	0.03~0.20	0.10~2.5													○	○	●	●		
	DCGT 11T308 - SF	0.8	0.03~0.20	0.10~2.5													●	●				
<b>NEW</b>	DCMT 070204 - MF	0.4	0.05~0.17	0.08~1.5										●	●	●	●	●	●			
<b>-MF</b>	DCMT 11T302 - MF	0.2	0.04~0.15	0.08~2.0										●	●	●	●	●	●			
	DCMT 11T304 - MF	0.4	0.06~0.25	0.10~2.0										●	●	●	●	●	●			
	DCMT 11T308 - MF	0.8	0.07~0.20	0.15~2.0										●	●	●	●	●	●			
<b>NEW</b>	DCMT 070204 - MM	0.4	0.08~0.30	0.20~2.3										●	●	●	●	●	●			
<b>-MM</b>	DCMT 070208 - MM	0.8	0.08~0.25	0.50~1.5							○											
	DCMT 11T304 - MM	0.4	0.06~0.17	0.25~3.0										●	●	●	●	●	●			
	DCMT 11T308 - MM	0.8	0.08~0.25	0.50~3.0										●	●	●	●	●	●			
<b>NEW</b>	DCMT 070204 - PF	0.4	0.05~0.17	0.08~1.5																●		
<b>-PF</b>	DCMT 11T302 - PF	0.2	0.04~0.15	0.08~2.0																●		
	DCMT 11T304 - PF	0.4	0.06~0.25	0.10~2.0																●		
	DCMT 11T308 - PF	0.8	0.07~0.20	0.15~2.0																●		
<b>NEW</b>	DCMT 070204 - PM	0.4	0.08~0.30	0.20~2.3																●		
<b>-PM</b>	DCMT 11T304 - PM	0.4	0.06~0.17	0.25~3.0																●		
	DCMT 11T308 - PM	0.8	0.08~0.25	0.50~3.0																●		

# Turning Inserts - Positive

## RCMT (Round)



Series	IC	S
RC** 0602	6	2.38
RC** 0803	8	3.18
RC** 10T3	10	3.97
RC** 1204	12	4.76

EDP 2200..

● : Stock item ○ : Order made item

RCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30	K30										S30	K15				
	RCMT 0602M0	3.0	0.05 ~ 0.25	0.2 ~ 1.2	●	○	○		●	●	●	○										
	RCMT 0803M0	4.0	0.05 ~ 0.30	0.5 ~ 1.5	●	○	○		●	●	●	○										
	RCMT 10T3M0	5.0	0.10 ~ 0.35	0.5 ~ 2.5	●	○	○		●	●	●	○										
	RCMT 1204M0	6.0	0.15 ~ 0.45	0.5 ~ 3.0	●	○	○		●	●	●	○										
					1833	0383	0384		2627	0385	1170	0022										

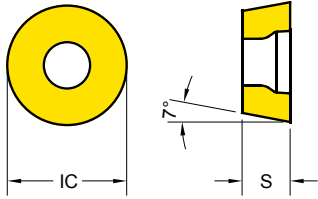


General

Turning Inserts - Positive

**RCMX - Heavy Turning (Round)**

TURNING



Series	IC	S
RC** 1606	16	6.35
RC** 2006	20	6.35

PARTING & GROOVING

EDP 2200..

● : Stock item ○ : Order made item

RCMX	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					K20	K30								S30	K15						
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
	RCMX 1606M0 - UT	8.0	0.30~0.80	1.0~7.0	● 2441																
	RCMX 2006M0 - UT	10.0	0.5~1.3	1.5~9.0					● 2169												

**NEW**  
**-UT**



Heavy Roughing

MILLING

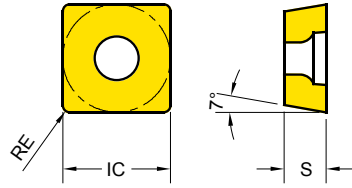
DRILLING

TECHNICAL INFORMATION



# Turning Inserts - Positive







## SCGT / SCMT (Square)



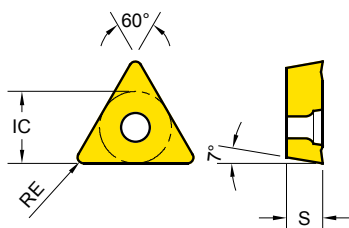
Series	IC	S
SC** 09T3	9.525	3.97
SC** 1204	12.700	4.76

EDP 2200..

● : Stock item ○ : Order made item

SCGT SCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20		
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
<b>-AL</b>  Aluminium	SCGT 09T304 - AL	0.4	0.03 ~ 0.40	0.1 ~ 5.0																		●	
	SCGT 09T308 - AL	0.8	0.04 ~ 0.40	0.1 ~ 5.0																			●
<b>-UF</b>  Finishing	SCMT 09T304 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.0			○		●	●	●												
	SCMT 09T308 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.0	●		○		●	●	●												
<b>-UG</b>  General	SCMT 09T304 - UG	0.4	0.15 ~ 0.30	0.5 ~ 2.5	●	○	○		●	●	●	○											
	SCMT 09T308 - UG	0.8	0.15 ~ 0.30	0.8 ~ 2.5	●	○	○		●	●	●	○					○						
	SCMT 120408 - UG	0.8	0.15 ~ 0.35	0.8 ~ 3.0	●	○	○		●	●	●	○					○						
	SCMT 120412 - UG	1.2	0.15 ~ 0.35	1.5 ~ 3.0	●	○	○		●	●	●	○					○						
<b>NEW</b> <b>-MF</b>  Stainless steel Finishing	SCMT 09T308 - MF	0.8	0.09 ~ 0.35	0.3 ~ 2.0																		●	
<b>NEW</b> <b>-MM</b>  Stainless steel Medium	SCMT 120408 - MM	0.8	0.10 ~ 0.30	0.6 ~ 4.0									●	●	●	●	●						
<b>NEW</b> <b>-PM</b>  Cermet Medium	SCMT 120408 - PM	0.8	0.10 ~ 0.30	0.6 ~ 4.0																		●	

## Turning Inserts - Positive TCGT / TCMT (Triangle)



Series	IC	S
TC** 1102	6.350	2.38
TC** 16T3	9.525	3.97




TURNING

PARTING & GROOVING

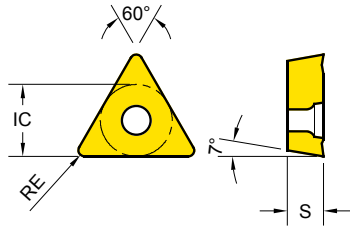
MILLING

DRILLING

TECHNICAL INFORMATION

TCGT TCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20
					K20	K30	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
-AL  Aluminum	TCGT 110204 - AL	0.4	0.03~0.30	0.10~4.0																●
	TCGT 16T302 - AL	0.2	0.02~0.30	0.05~5.0																●
	TCGT 16T304 - AL	0.4	0.03~0.40	0.10~5.5																●
	TCGT 16T308 - AL	0.8	0.03~0.50	0.10~5.5																●
-UF  Finishing	TCMT 110204 - UF	0.4	0.05~0.20	0.5~2.0		○	○	●	●	●			○	○	○					
	TCMT 16T304 - UF	0.4	0.05~0.25	0.5~2.0		○	○	●	●	●	○			○	○					
	TCMT 16T308 - UF	0.8	0.05~0.25	0.8~2.0		○	○	●	●	●										
-UG  General	TCMT 110204 - UG	0.4	0.10~0.25	0.5~2.0	●	○	○	●	●	●	○									
	TCMT 110208 - UG	0.8	0.10~0.25	0.8~2.0	●	○	○	●	●	●										
	TCMT 16T304 - UG	0.4	0.15~0.30	0.5~2.5	●	○	○	●	●	●										
	TCMT 16T308 - UG	0.8	0.15~0.30	0.8~2.5	●	○	○	●	●	●	○				○					





# Turning Inserts - Positive TCMT (Triangle)



Series	IC	S
TC** 1102	6.350	2.38
TC** 16T3	9.525	3.97

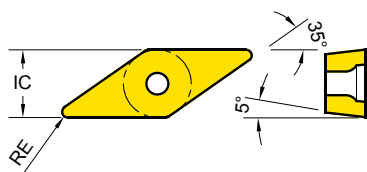
EDP 2200..

● : Stock item ○ : Order made item

TCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20	
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
<b>NEW</b> -MF  Stainless steel Finishing	TCMT 110204 - MF	0.4	0.07 ~ 0.20	0.20 ~ 2.0																	
	TCMT 110208 - MF	0.8	0.07 ~ 0.20	0.30 ~ 2.0																	
	TCMT 16T304 - MF	0.4	0.06 ~ 0.25	0.10 ~ 2.0										●	●	●	●	●			
	TCMT 16T308 - MF	0.8	0.08 ~ 0.30	0.15 ~ 2.0										●	●	●	●	●			
<b>NEW</b> -MM  Stainless steel Medium	TCMT 16T304 - MM	0.4	0.08 ~ 0.25	0.25 ~ 3.0										●	●	●	●	●			
	TCMT 16T308 - MM	0.8	0.10 ~ 0.30	0.50 ~ 3.0										●	●	●	●	●			
														●	●	●	●	●			
														●	●	●	●	●			
<b>NEW</b> -PF  Cermet Medium	TCMT 16T304 - PF	0.4	0.06 ~ 0.25	0.10 ~ 2.0																●	2548
	TCMT 16T308 - PF	0.8	0.08 ~ 0.30	0.15 ~ 2.0																●	2549
<b>NEW</b> -PM  Cermet Medium	TCMT 16T304 - PM	0.4	0.08 ~ 0.25	0.25 ~ 3.0																●	2559
	TCMT 16T308 - PM	0.8	0.10 ~ 0.30	0.50 ~ 3.0																●	2560

## Turning Inserts - Positive VBGT / VBMT (35° Rhombic)

Series	IC	S
VB** 1103	6.350	3.18
VB** 1604	9.525	4.76



TURNING

PARTING & GROOVING








MILLING

DRILLING

TECHNICAL INFORMATION

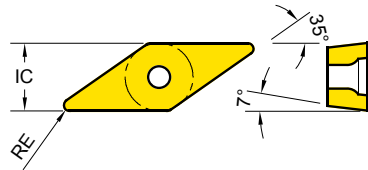
EDP 2200..

● : Stock item ○ : Order made item

VBGT VBMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
<b>NEW</b> <b>-SF</b>  HRSA Finishing	VBGT 110301 - SF	0.1	0.01 ~ 0.20	0.10 ~ 1.5	●																	
	VBGT 110302 - SF	0.2	0.02 ~ 0.20	0.10 ~ 1.5																		
	VBGT 110304 - SF	0.4	0.05 ~ 0.20	0.20 ~ 1.5																		
	VBGT 160404 - SF	0.4	0.05 ~ 0.20	0.20 ~ 2.0																		
<b>-UF</b>  Finishing	VBMT 110304 - UF	0.4	0.04 ~ 0.16	0.10 ~ 0.8																		
	VBMT 110308 - UF	0.4	0.04 ~ 0.16	0.40 ~ 1.0																		
	VBMT 160404 - UF	0.4	0.05 ~ 0.25	0.50 ~ 2.0			○															
	VBMT 160408 - UF	0.8	0.05 ~ 0.25	0.80 ~ 2.0			○															
<b>-UG</b>  General	VBMT 160404 - UG	0.4	0.15 ~ 0.30	0.50 ~ 2.5	●	○	○															
	VBMT 160408 - UG	0.8	0.15 ~ 0.30	0.80 ~ 2.5	●	○	○															
<b>NEW</b> <b>-MF</b>  Stainless steel Finishing	VBMT 160402 - MF	0.2	0.04 ~ 0.15	0.10 ~ 2.0																		
	VBMT 160404 - MF	0.4	0.05 ~ 0.20	0.20 ~ 2.0																		
	VBMT 160408 - MF	0.8	0.07 ~ 0.27	0.30 ~ 2.0																		
<b>NEW</b> <b>-MM</b>  Stainless steel Medium	VBMT 160404 - MM	0.4	0.07 ~ 0.21	0.25 ~ 2.7																		
	VBMT 160408 - MM	0.8	0.08 ~ 0.27	0.50 ~ 2.7																		
<b>NEW</b> <b>-PF</b>  Cermet Medium	VBMT 160402 - PF	0.2	0.04 ~ 0.15	0.10 ~ 2.0																	●	
	VBMT 160404 - PF	0.4	0.05 ~ 0.20	0.20 ~ 2.0																		●
	VBMT 160408 - PF	0.8	0.07 ~ 0.27	0.30 ~ 2.0																		●
<b>NEW</b> <b>-PM</b>  Cermet Medium	VBMT 160404 - PM	0.4	0.07 ~ 0.21	0.25 ~ 2.7																		●
	VBMT 160408 - PM	0.8	0.08 ~ 0.27	0.50 ~ 2.7																		●

# Turning Inserts - Positive

## VCGT / VCMT (35° Rhombic)



Series	IC	S
VC** 1103	6.350	3.18
VC** 1604	9.525	4.76

EDP 2200..

● : Stock item ○ : Order made item

VCGT VCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	N20	N20	
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
<b>-AL</b> Aluminum	VCGT 110301 - AL	0.1	0.02 ~ 0.15	0.05 ~ 3.0																●	●
	VCGT 110302 - AL	0.2	0.02 ~ 0.20	0.05 ~ 3.0																●	●
	VCGT 110304 - AL	0.4	0.02 ~ 0.25	0.10 ~ 4.0																●	●
	VCGT 160402 - AL	0.2	0.02 ~ 0.30	0.05 ~ 5.0																●	●
	VCGT 160404 - AL	0.4	0.03 ~ 0.40	0.10 ~ 5.0																●	●
	VCGT 160408 - AL	0.8	0.03 ~ 0.50	0.10 ~ 5.0																●	●
	VCGT 160412 - AL	1.2	0.03 ~ 0.50	0.10 ~ 5.0																●	●
<b>-SF</b> HRSA Finishing	VCGT 110301 - SF	0.1	0.01 ~ 0.20	0.1 ~ 1.5															●	●	
	VCGT 110302 - SF	0.2	0.02 ~ 0.20	0.1 ~ 1.5															○	○	
	VCGT 110304 - SF	0.4	0.05 ~ 0.20	0.2 ~ 1.5															○	○	
	VCGT 110308 - SF	0.8	0.05 ~ 0.20	0.4 ~ 1.5															○	○	
<b>-UF</b> Finishing	VCMT 160404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.0			○														
	VCMT 160408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.0			○														
<b>-UG</b> General	VCMT 160404 - UG	0.4	0.10 ~ 0.20	0.3 ~ 2.5																	
	VCMT 160408 - UG	0.8	0.15 ~ 0.30	0.8 ~ 2.5																	
<b>-MF</b> Stainless steel Finishing	VCMT 110304 - MF	0.4	0.05 ~ 0.20	0.1 ~ 1.7																	
<b>-PF</b> Cermet Medium	VCMT 110304 - PF	0.4	0.05 ~ 0.20	0.1 ~ 1.7																	

## External Holders Overview

Click/Touch each page number and move to the very page!


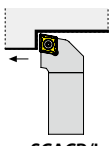
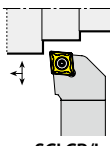

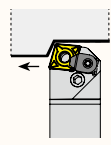
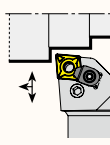
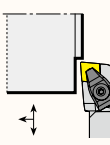
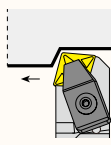
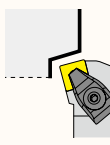

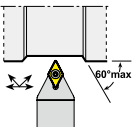
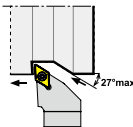
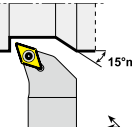

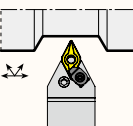
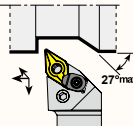
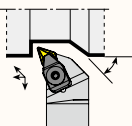
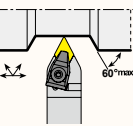
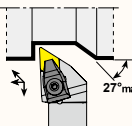

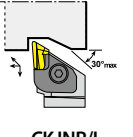

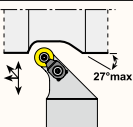
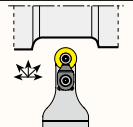
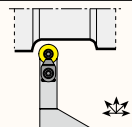
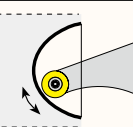

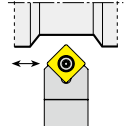
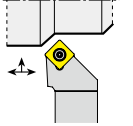
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Series		Turning Holder				
	CCGT CCMT	 SCACR/L Screw	 SCLCR/L Screw			
Page	57	86	86			
	CNMA CNMG	 PCBNR/L Lever	 PCLNR/L Lever (+Clamp)	 TCLNR/L Double Clamp	 TCBNR/L Double Clamp	 TCKNR/L Double Clamp
Page	30	72	72	77	77	77
	DCGT DCMT	 SDNCN Screw	 SDJCR/L Screw	 SDHCR/L Screw		
Page	59	87	87	87		
	DNMA DNMG	 PDNNN Lever (+Clamp)	 PDJNR/L Lever (+Clamp)	 TDHNR/L Double Clamp	 TDNNN Double Clamp	 TDJNR/L Double Clamp
Page	35	73	73	78	78	78
	KNUX	 CKJNR/L Top Clamp				
Page	41	79				
	RCMT	 SRGCR/L Screw	 SRDCN Screw	 SRDCN Screw	 SRHCN Screw	
Page	61	88	88	88	88	
	SCGT SCMT	 SSDCN Screw	 SSSCR/L Screw			
Page	63	89	89			



## Turning - Holder - External

**External Holders Overview**

Click/Touch each page number and move to the very page!

Series		Turning Holder						
	<b>SNMA SNMG</b>							
		PSDNN Lever (+Clamp)	PSSNR/L Lever (+Clamp)	PSBNR/L Lever (+Clamp)	PSKNR/L Lever (+Clamp)	TSDNN Double Clamp	TSSNR/L Double Clamp	TSKNR/L Double Clamp
		<b>Page</b>	<b>42</b>	<b>74</b>	<b>74</b>	<b>74</b>	<b>74</b>	<b>80</b>
	<b>TCGT TCMT</b>							
		STFCR/L Screw	STGCR/L Screw	STJCR/L Screw	STUCR/L Screw			
		<b>Page</b>	<b>64</b>	<b>p. 90</b>	<b>p. 90</b>	<b>p. 90</b>		
	<b>TNMA TNMG TNUX</b>							
		PTTNR/L Lever (+Clamp)	PTFNR/L Lever (+Clamp)	PTGNR/L Lever (+Clamp)	PTJNR/L Lever (+Clamp)	TTGNR/L Double Clamp	TTJNR/L Double Clamp	MTJNR/L Multi-Clamp
		<b>Page</b>	<b>47</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>81</b>
	<b>VBMT</b>							
		SVHBR/L Screw	SVVBN Screw	SVJBR/L Screw				
		<b>Page</b>	<b>66</b>	<b>91</b>	<b>91</b>	<b>91</b>		
	<b>VCGT VCMT</b>							
		SVHCR/L Screw	SVVCN Screw	SVJCR/L Screw				
		<b>Page</b>	<b>67</b>	<b>92</b>	<b>92</b>	<b>92</b>		
	<b>VNMA VNMG</b>							
		TVVNN Double Clamp	TVJNR/L Double Clamp	TVHNR/L Double Clamp				
		<b>Page</b>	<b>51</b>	<b>82</b>	<b>82</b>	<b>82</b>		
	<b>WNMA WNMG</b>							
		PWLNR/L Lever (+Clamp)	TWLNR/L Double Clamp	MWLNR/L Multi-Clamp				
		<b>Page</b>	<b>53</b>	<b>76</b>	<b>83</b>	<b>85</b>		

TURNING

PARTING &amp; GROOVING

MILLING


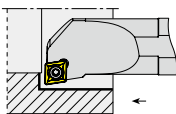
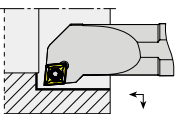
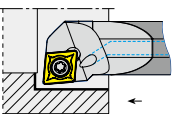

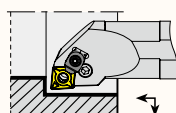
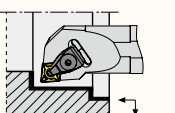
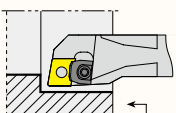

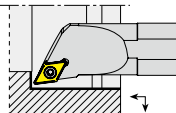
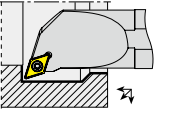
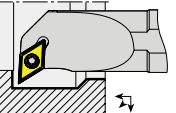
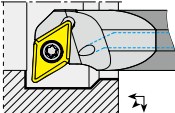

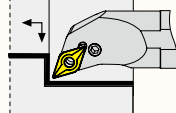
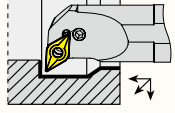
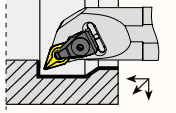
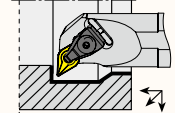
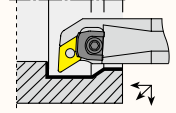

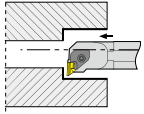

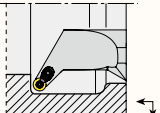

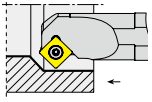
DRILLING

TECHNICAL INFORMATION

## Internal Holders Overview

Click/Touch each page number and move to the very page!

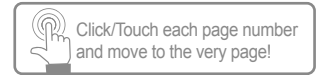
TURNING  
PARTING & GROOVING  
MILLING  
DRILLING  
TECHNICAL INFORMATION

Series		Turning Holder				
	CCGT CCMT					
		..-SCFCR/L	..-SCLCR/L	E..-SCLCR/L		
		Screw	Screw	Screw		
Page	57	108	109	109		
	CNMA CNMG					
		..-PCLNR/L	..-TCLNR/L	..-MCLNR/L		
		Lever (+Clamp)	Double Clamp	Multi-Clamp		
Page	30	93	98	104		
	DCGT DCMT					
		..-SDPCR/L	..-SDQCR/L	..-SDUCR/L	E..-SDUCR/L	
		Screw	Screw	Screw	Screw	
Page	59	110	110	111	111	
	DNMA DNMG					
		..-PDQNR/L	..-PDUNR/L	..-TDQNR/L	..-TDUNR/L	..-MDUNR/L
		Lever (+Clamp)	Lever (+Clamp)	Double Clamp	Double Clamp	Multi-Clamp
Page	35	94	94	99	99	104
	KNUX					
		..-CKUNR/L	Top Clamp			
Page	41	107				
	RCMT					
		..-SRGCR-L	Screw Type			
Page	61	112				
	SCGT SCMT					
		..-SSSCR/L	Screw Type			
Page	63	113				





## Turning - Holder - Internal

**Internal Holders Overview**


Series		Turning Holder				
	SNMA SNMG					
		..PSKNR/L Lever (+Clamp)	..TSKNR/L Double Clamp			
Page	42	95	100			
	TCGT TCMT					
		..STFCR/L Screw	..STUCR/L Screw			
Page	64	114	114			
	TNMA TNMG TNUX					
		..PTUNR/L Lever (+Clamp)	..TTUNR/L Double Clamp	..MTFNR/L Pin + Clamp	..MTQNR/L Multi-Clamp	..MTUNR/L Pin + Clamp
Page	47	96	101	105	105	105
	VBMT					
		..SVQBR/L Screw	..SVJBR/L Screw	..SVUBR/L Screw		
Page	66	115	115	115		
	VCGT VCMT					
		..SVQCR/L Screw	..SVUCR/L Screw			
Page	67	116	116			
	VNMA VNMG					
		..TVUNR/L Double Clamp				
Page	51	102				
	WNMA WNMG					
		..PWLNR/L Lever (+Clamp)	..TWLNR/L Double Clamp	..MWLNR/L Multi-Clamp		
Page	53	97	103	106		

TURNING

PARTING &amp; GROOVING

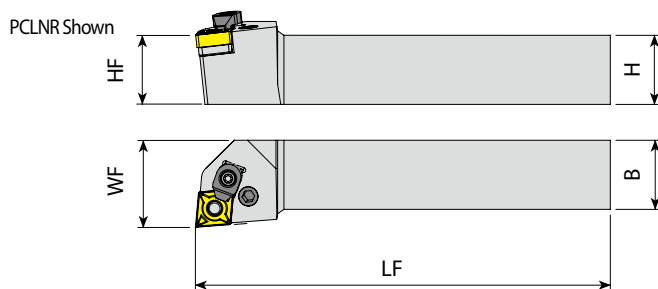
MILLING

DRILLING

TECHNICAL INFORMATION

Turning - Holder - External

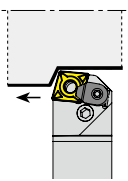
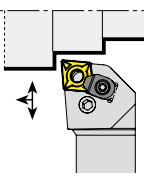
**Lever Lock type for CN\*\* Insert**



\* 'C' Letter at Last : Optional Clamp Included

: p. 30

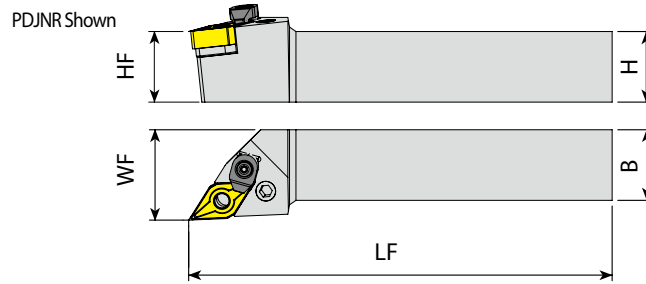
Unit:mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 <p><b>PCBNR/L</b> Approach angle 75°</p>	PCBNR/L 2020K 12C	0438	0439	20	20	17.5	125	CN1204
	PCBNR/L 2525M 12C	0440	0441	25	25	22.5	150	
	PCBNR/L 3232P 12C	0442	0443	32	32	29.5	170	CN1606
	PCBNR/L 2525M 16C	0444	0445	25	25	22.0	150	
	PCBNR/L 3232P 16C	0446	0447	32	32	27.0	170	CN1906
	PCBNR/L 3232P 19C	0448	0449	32	32	37.0	170	
	PCBNR/L 4040S 19C	0450	0451	40	40	37.0	250	
 <p><b>PCLNR/L</b> Approach angle 95°</p>	PCLNR/L 1616-H09	0001	0002	16	16	20.0	100	CN0903
	PCLNR/L 1616H 12	0464	0465	16	16	20.0	100	CN1204
	PCLNR/L 2020K 12C	0466	0467	20	20	25.0	125	
	PCLNR/L 2525M 12C	0468	0469	25	25	32.0	150	
	PCLNR/L 3232P 12C	0470	0471	32	32	40.0	170	CN1606
	PCLNR/L 2525M 16C	0472	0473	25	25	32.0	150	
	PCLNR/L 3232P 16C	0474	0475	32	32	40.0	170	CN1906
	PCLNR/L 2525M 19C	0476	0477	25	25	32.0	150	
	PCLNR/L 3232P 19C	0478	0479	32	32	40.0	170	
	PCLNR/L 4040S 19C	0480	0481	40	40	50.0	250	

Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
H09	Description	YAPL-01	YALV-02-M6x17	-	-	YAACN-2-0002	YAAY-01	YAAL-02-2.5	
	EDP	18000092	18000099			28000028	18000053	18000060	
..12	Description	YAPL-02	YALV-03-M8x19	-	-	YAACN-3-0001	YAAY-02	YAAL-03-3	
	EDP	18000093	18000100			18000137	18000054	18000061	
PC.. ..12C	Description	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAACN-3-0001	YAAY-02	YAAL-03-3	
	EDP	18000093	18000100	18000065	18000119	18000137	18000054	18000061	
..16C	Description	YAPL-04	YALV-04-M8x22	YACK-09	YAAV-05-M6x15	YAACN-3-0002	YAAY-03	YAAL-03-3	
	EDP	18000095	18000101	18000066	18000078	18000138	18000055	18000061	
..19C	Description	YAPL-05	YALV-05-M10x27	YACK-09	YAAV-05-M6x15	YAACN-3-0003	YAAY-04	YAAL-05-4	
	EDP	18000096	18000102	18000066	18000078	18000139	18000056	18000062	

Turning - Holder - External

# Lever Lock type for DN\*\* Insert



\* 'C' Letter at Last : Optional Clamp Included

: p. 35

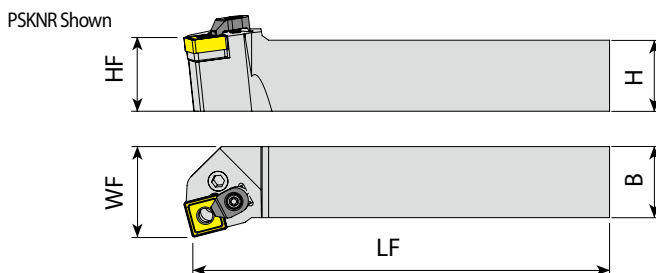
Unit: mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
<p><b>PDNNN</b> Approach angle 62.5°</p>	PDNNN 2020K 15C	0515		20	20	10.0	125	DN1506
	PDNNN 2525M 15C	0516		25	25	12.5	150	
	PDNNN 3232P 15C	0517		32	32	16.0	170	
<p><b>PDJNR/L</b> Approach angle 93°</p>	PDJNR/L 1616-H11	0031	0032	16	16	20.0	100	DN1104
	PDJNR/L 2020K 15C	0500	0501	20	20	25.0	125	DN1506
	PDJNR/L 2525M 15C	0502	0503	25	25	32.0	150	
	PDJNR/L 3232P 15C	0504	0505	32	32	40.0	170	
	PDJNR/L 4040S 15C	1734	0506	40	40	50.0	250	

Series	Designation	Information	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
PD..	..15C	Description	YAPL-03	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAADN-3-0001	YAAY-02	YAAL-03-3
		EDP	18000094	18000100	18000065	18000119	18000137	18000054	18000061
	..H11	Description	YAPL-01	YALV-02-M6x17	-	-	YAADN-SD317	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000099	-	-	28000029	18000053	18000060
	..M15	Description	YAPL-03	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAADN-3-0001	YAAY-02	YAAL-03-3
		EDP	18000094	18000100	18000065	18000119	18000137	18000054	18000061

## Turning - Holder - External

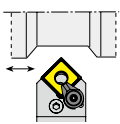
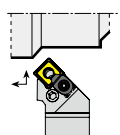
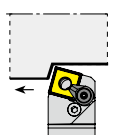
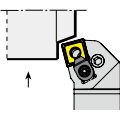
### Lever Lock type for SN\*\* Insert



\* 'C' Letter at Last : Optional Clamp Included

: p.42

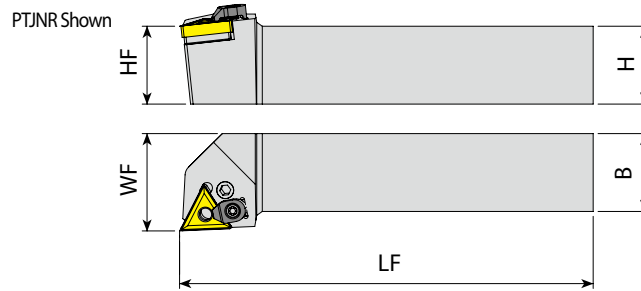
Unit:mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 <p><b>PSDNN</b> Approach angle 45°</p>	PSDNN 1616-H09	0075		16	16	8.0	100	SN0903
	PSDNN 2020K 12C	0530		20	20	10.0	125	SN1204
	PSDNN 2525M 12C	0531		25	25	12.5	150	
	PSDNN 3232P 12C	0532		32	32	16.0	170	
 <p><b>PSSNR/L</b> Approach angle 45°</p>	PSSNR/L 1616-H09	0079	0080	16	16	20.0	100	SN0903
	PSSNR/L 2020K 12C	0548	0549	20	20	25.0	125	SN1204
	PSSNR/L 2525M 12C	0550	0551	25	25	32.0	150	
	PSSNR/L 3232P 12C	0552	0553	32	32	40.0	170	
 <p><b>PSBNR/L</b> Approach angle 75°</p>	PSBNR/L 1616-H09	0069	0070	16	16	13.0	100	SN0903
	PSBNR/L 2020K 12	0430	0525	20	20	17.0	125	SN1204
	PSBNR/L 2525M 12C	0526	0527	25	25	22.0	150	
	PSBNR/L 3232P 12C	0528	0529	32	32	27.0	170	
 <p><b>PSKNR/L</b> Approach angle 75°</p>	PSKNR/L 2020K 12C	0537		20	20	25.0	125	SN1204
	PSKNR/L 2525M 12C	0538	0539	25	25	32.0	150	
	PSKNR/L 3232P 12C	0540	0541	32	32	40.0	170	

Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
PS..	..H09	Description	YAPL-01	YALV-02-M6x17	-	-	YAASN-2-0002	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000099			28000028	18000053	18000060
	..12	Description	YAPL-02	YALV-03-M8x19	-	-	YAASN-3-0004	YAAY-02	YAAL-03-3
		EDP	18000093	18000100			18000145	18000054	18000060
	..12C	Description	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAASN-3-0004	YAAY-02	YAAL-03-3
		EDP	18000093	18000100	18000065	18000119	18000145	18000054	18000060

Turning - Holder - External

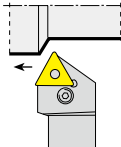
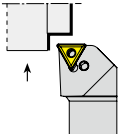
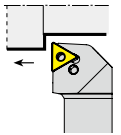
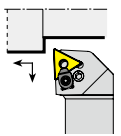
**Lever Lock type for TN\*\* Insert**



\* 'C' Letter at Last : Optional Clamp Included

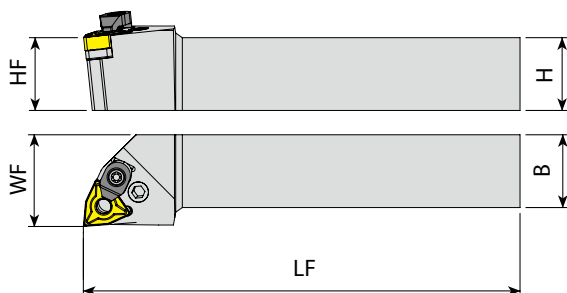
: p. 47

Unit: mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert
 <p><b>PTTNR/L</b> Approach angle 60°</p>	PTTNR/L 1616H 16	0619	0620	16	16	13.0	100	TN1604
	PTTNR/L 2020K 16	0429	0621	20	20	17.0	125	
	PTTNR/L 2525M 16	0622	0623	25	25	21.5	150	
	TN2204	PTTNR/L 2525M 22C	0626	0627	25	25	20.5	150
		PTTNR/L 3232P 16	0624	0625	32	32	31.0	170
		PTTNR/L 3232P 22C	0628	0629	32	32	29.0	170
 <p><b>PTFNR/L</b> Approach angle 91°</p>	PTFNR/L 1616H 16	0560	0561	16	16	20.0	100	TN1604
	PTFNR/L 2020K 16	0049	0050	20	20	25.0	125	
	PTFNR/L 2525M 16	0051	0052	25	25	32.0	150	
	TN2204	PTFNR/L 3232P 16	0562	0563	32	32	40.0	170
		PTFNR/L 2525M 22C	0564	0565	25	25	32.0	150
		PTFNR/L 3232P 22C	0566	0567	32	32	40.0	170
 <p><b>PTGNR/L</b> Approach angle 91°</p>	PTGNR/L 1616H 16	0568	0569	16	16	20.0	100	TN1604
	PTGNR/L 2020K 16	0055	0056	20	20	25.0	125	
	TN2204	PTGNR/L 2525M 16	0057	0058	25	25	32.0	150
		PTGNR/L 2525M 22C	0570	0571	25	25	32.0	150
		PTGNR/L 3232P 22C	0572	0573	32	32	40.0	170
 <p><b>PTJNR/L</b> Approach angle 93°</p>	PTJNR/L 1616H 16	0597	0598	16	16	20.0	100	TN1604
	PTJNR/L 2020K 16	0599	0600	20	20	25.0	125	
	PTJNR/L 2525M 16	0601	0602	25	25	32.0	150	
	TN2204	PTJNR/L 3232P 16	0603	0604	32	32	40.0	170
		PTJNR/L 2525M 22C	0605	0606	25	25	32.0	150
		PTJNR/L 3232P 22C	0607	0608	32	32	40.0	170

Series	Designation	Information	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
PT..	..16	Description	YAPL-01	YALV-02-M6x17	-	-	YAATN-3-0025	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000099	-	-	18000149	18000053	18000060
	..22..	Description	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAATN-3-0015	YAAY-02	YAAL-03-3
		EDP	18000093	18000100	18000065	18000119	18000148	18000054	18000061

# Lever Lock type for WN\*\* Insert

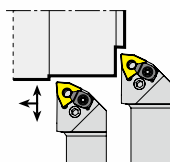


\* 'C' Letter at Last : Optional Clamp Included

: p. 53

Unit:mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
PWLNR/L	PWLNR/L 1616H 06	0647	0648	16	16	20	100	WN0604
	PWLNR/L 2020K 06	0649	0650	20	20	25	125	
	PWLNR/L 2525M 06	0651	0652	25	25	32	150	
PWLNR/L	PWLNR/L 1616H 08	0653	0654	16	16	20	100	WN0804
	PWLNR/L 2020K 08C	0655	0656	20	20	25	125	
	PWLNR/L 2525M 08C	0657	0658	25	25	32	150	
	PWLNR/L 3232P 08C	0659	0660	32	32	40	170	



**PWLNR/L**

Approach angle  
95°

TURNING

PARTING & GROOVING

MILLING

DRILLING

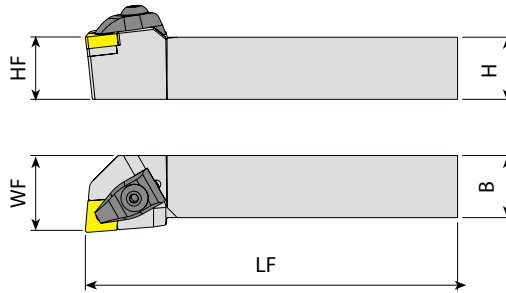
TECHNICAL INFORMATION

Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
PW..	..06	Description	YAPL-01	YALV-02-M6x17	-	-	YAAWN-SW317	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000099	-	-	18000152	18000053	18000060
	..08	Description	YAPL-02	YALV-03-M8x19	-	-	YAAWN-3-0001	YAAY-02	YAAL-03-3
		EDP	18000093	18000100	-	-	18000151	18000054	18000061
	..08C	Description	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAAWN-3-0001	YAAY-02	YAAL-03-3
		EDP	18000093	18000100	18000065	18000119	18000151	18000054	18000061

Turning - Holder - External

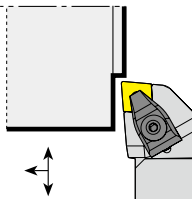
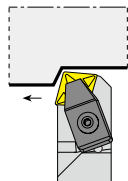
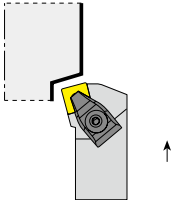
# Double Clamp type for CN\*\* Insert

TCLNR Shown



: p. 30

Unit:mm

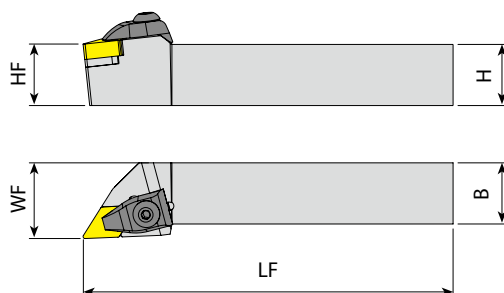
Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <p><b>TCLNR/L</b> Approach angle 95°</p>	TCLNR/L 2020K 12	0482	0483	20	20	25	125	CN1204
	TCLNR/L 2525M 12	0484	0485	25	25	32	150	
	TCLNR/L 3232P 12	0486	0487	32	32	40	170	
	TCLNR/L 4040S 12	0488	0489	40	40	50	250	
	TCLNR/L 5050S 12	0490	0491	50	50	63	250	
	TCLNR/L 2525M 16	0492	0493	25	25	32	150	CN1606
TCLNR/L 3232P 16	0494	-	32	32	40	170		
 <p><b>TCBNR/L</b> Approach angle 75°</p>	TCBNR/L 2525M 16	0452	0453	25	25	22	150	CN1606
 <p><b>TCKNR/L</b> Approach angle 75°</p>	TCKNR/L 2020K 12	0454	0455	20	20	25	125	CN1204
	TCKNR/L 2525M 12	0456	0457	25	25	32	150	
	TCKNR/L 3232P 12	0458	0459	32	32	40	170	
	TCKNR/L 2525M 16	0460	0461	25	25	32	150	CN1606
	TCKNR/L 3232P 16	0462	0463	32	32	40	170	

Series	Designation	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
TC..	..12	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAACN-3-0001	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000137	18000156	18000061
	..16	Description	YATK-04	YAKV-19-M7x25	YABPL-02	YAS-02	YAACN-3-0002	YAAV-05-M6x15	YAAL-05-4
		EDP	18000077	18000088	18000059	28000042	18000138	18000078	18000062

Turning - Holder - External

**Double Clamp type for DN\*\* Insert**

TDJNR Shown



: p. 35 Unit:mm

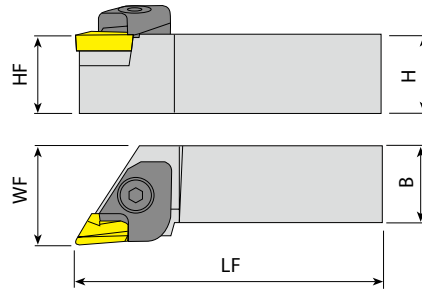
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
<p><b>TDHNR/L</b> Approach angle 107.5°</p>	TDHNR/L 2020K 15	0495	0496	20	20	25.0	125	DN1506
	TDHNR/L 2525M 15	0497	0498	25	25	32.0	150	
	TDHNR 3232P 15	0499	-	32	32	40.0	170	DN1504
<p><b>TDNNN</b> Approach angle 62.5° max</p>	TDNNN 2020K 15	0518		20	20	10.0	125	DN1506
	TDNNN 2525M 15	0519		25	25	12.5	150	
	TDNNN 3232P 15	0520		32	32	16.0	170	
<p><b>TDJNR/L</b> Approach angle 93°</p>	TDJNR/L 2020K 15	0507	0508	20	20	25.0	125	DN1506
	TDJNR/L 2525M 15	0509	0510	25	25	32.0	150	
	TDJNR/L 3232P 15	0511	0512	32	32	40.0	170	
	TDJNR/L 4040S 15	0513	0514	40	40	50.0	250	

Series	Designation	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
TD..	..15	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAADN-3-0001	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000142	18000156	18000061



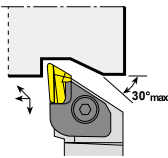
Turning - Holder - External

# Top Clamp type for KN\*\* Insert



: p. 41

Unit:mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <p><b>CKJNR/L</b> Approach angle 93°</p>	CKJNR/L 2020K 16	0521	0522	20	20	27.5	125	KNUX1604
	CKJNR/L 2525M 16	0152	0153	25	25	31.5	150	
	CKJNR/L 3232P 16	0154	0155	32	32	40.0	170	
	CKJNR/L 4040S 16	0523	0524	40	40	50.0	250	

TURNING

PARTING & GROOVING

MILLING

DRILLING

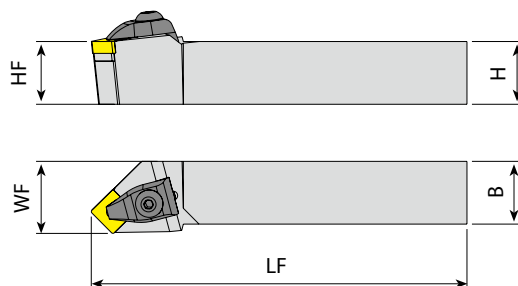
TECHNICAL INFORMATION

Series	Designation	Information	Clamp	Clamp Screw	Spring	Upper Ring	Shim	Shim Screw	Allen Key
CK..	..16	Description	YACK-01-R	YAKV-06-M6x20	YAKY-02	YABPL-01	YAKS-16-R	YAAV-01-M3x10	YAAL-05-4
		EDP	18000064	18000083	18000164	18000058	18000154	18000155	18000062
	..16	Description	YACK-02-L	YAKV-06-M6x20	YAKY-02	YABPL-01	YAKS-16-L	YAAV-01-M3x10	YAAL-05-4
		EDP	18000063	18000083	18000164	18000058	18000153	18000155	18000062

Turning - Holder - External

# Double Clamp type for SN\*\* Insert

TSSNR Shown



: p. 42 Unit:mm

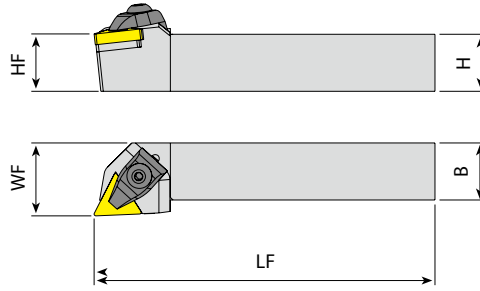
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
<p><b>TSDNN</b> Approach angle 45°</p>	TSDNN 1616H 12	0533		16	16	8.0	100	SN1204
	TSDNN 2020K 12	0534		20	20	10.0	125	
	TSDNN 2525M 12	0535		25	25	12.5	150	
	TSDNN 3232P 12	0536		32	32	16.0	170	
<p><b>TSSNR/L</b> Approach angle 45°</p>	TSSNR/L 2020K 12	0554	0555	20	20	25.0	125	SN1204
	TSSNR/L 2525M 12	0556	0557	25	25	32.0	150	
	TSSNR/L 3232P 12	0558	0559	32	32	40.0	170	
<p><b>TSKNR/L</b> Approach angle 75°</p>	TSKNR/L 2020K 12	0542	0543	20	20	25.0	125	SN1204
	TSKNR/L 2525M 12	0544	0545	25	25	32.0	150	
	TSKNR/L 3232P 12	0546	0547	32	32	40.0	170	

Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
TS..	..12	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAASN-3-0004	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000145	18000156	18000061

Turning - Holder - External

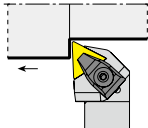
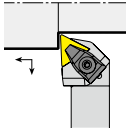
**Double Clamp type for TN\*\* Insert**

TTJNR Shown



: p. 47

Unit: mm

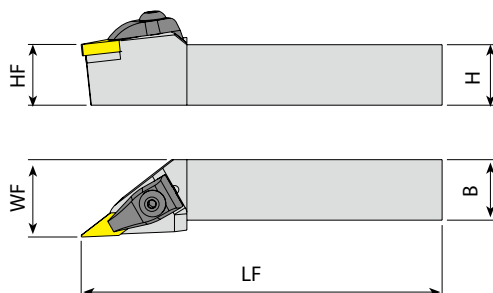
Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <p><b>TTGNR/L</b> Approach angle 91°</p>	TTGNR/L 2020K 16	0574	0575	20	20	25	125	<b>TN1604</b>
	TTGNR/L 2525M 16	0576	0577	25	25	32	150	
	TTGNR/L 3232P 16	0578	0579	32	32	40	170	
	TTGNR/L 2525M 22	0580	0581	25	25	32	150	<b>TN2204</b>
	TTGNR/L 3232P 22	0582	0583	32	32	40	170	
	TTGNR/L 4040S 22	0584	-	40	40	50	250	
 <p><b>TTJNR/L</b> Approach angle 93°</p>	TTJNR/L 2020K 16	0609	0610	20	20	25	125	<b>TN1604</b>
	TTJNR/L 2525M 16	0611	0612	25	25	32	150	
	TTJNR/L 3232P 16	0613	0614	32	32	40	170	
	TTJNR/L 2525M 22	0615	0616	25	25	32	150	<b>TN2204</b>
	TTJNR/L 3232P 22	0617	0618	32	32	40	170	

Series	Designation	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
TT..	..16	Description	YATK-01	YAKV-01-M5x22	YABPL-01	-	YAATN-2-0002	YAAV-03-M5x12	YAAL-03-3
		EDP	18000074	18000080	18000058	-	18000147	18000157	18000061
	..22	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAATN-3-0015	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000148	18000156	18000061

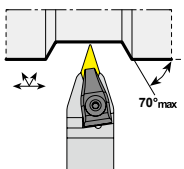
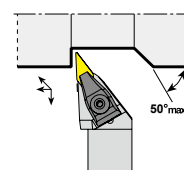
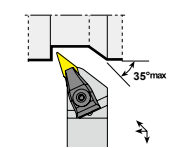
Turning - Holder - External

**Double Clamp type for VN\*\* Insert**

TVJNR Shown



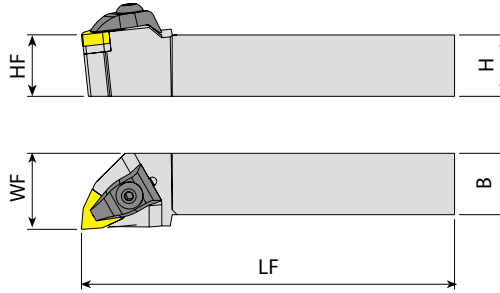
: p.51 Unit:mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 <p><b>TVVNN</b> Approach angle 72.5°</p>	TVVNN 2020K 16	0642		20	20	10.0	125	VN1604
	TVVNN 2525M 16	0643		25	25	12.5	150	
	TVVNN 3232P 16	0644		32	32	16.0	170	
 <p><b>TVJNR/L</b> Approach angle 93°</p>	TVJNR/L 2020K 16	0636	0637	20	20	25.0	125	VN1604
	TVJNR/L 2525M 16	0638	0639	25	25	32.0	150	
	TVJNR/L 3232P 16	0640	0641	32	32	40.0	170	
 <p><b>TVHNR/L</b> Approach angle 107.5°</p>	TVHNR/L 2020K 16	0630	0631	20	20	25.0	125	VN1604
	TVHNR/L 2525M 16	0632	0633	25	25	32.0	150	
	TVHNR/L 3232P 16	0634	0635	32	32	40.0	170	

Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
TV..	..16	Description	YATK-03	YAKV-30-M6x22	YABPL-01	YAS-01	YAAVN-2-0002	YAAV-04-M5x12	YAAL-03-3
		EDP	18000076	18000091	18000058	18000052	18000150	18000158	18000061

Turning - Holder - External

# Double Clamp type for WN\*\* Insert



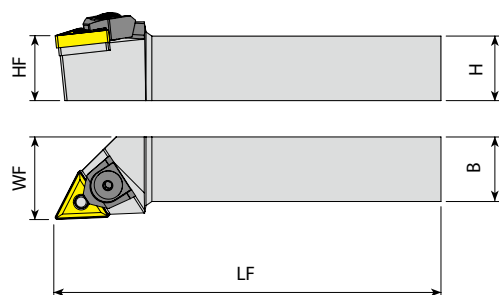
: p.53

Unit:mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <b>TWLNR/L</b> Approach angle 95°	TWLNR/L 1616H 06	0661	0662	16	16	20	100	WN0604
	TWLNR/L 2020K 06	0663	0664	20	20	25	125	
	TWLNR/L 2525M 06	0665	0666	25	25	32	150	
	TWLNR/L 2020K 08	0667	0668	20	20	25	125	WN0804
	TWLNR/L 2525M 08	0669	0670	25	25	32	150	
	TWLNR/L 3232P 08	0671	0672	32	32	40	170	
	TWLNR/L 4040S 08	0673	0674	40	40	50	250	

Series	Designation	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
TW..	..06	Description	YATK-01	YAKV-01-M5x22	YABPL-01	-	YAAWN-SW317	YAAV-01-M3x10	YAAL-03-3
		EDP	18000074	18000080	18000058	-	18000152	18000155	18000061
	..08	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAAWN-3-0001	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000151	18000156	18000061

# Multi-Clamp type for TN\*\* Insert



: p. 47 Unit: mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <p><b>MTJNR/L</b> Approach angle 93°</p>	MTJNR/L 2020K 16	0585	0586	20	20	25	125	TN1604
	MTJNR/L 2525M 16	0587	0588	25	25	32	150	
	MTJNR/L 3232P 16	0589	0590	32	32	40	170	
	MTJNR/L 2525M 22	0591	0592	25	25	32	150	TN2204
	MTJNR/L 3232P 22	0593	0594	32	32	40	170	
	MTJNR/L 4040S 22	0595	0596	40	40	50	250	

TURNING

PARTING & GROOVING

MILLING

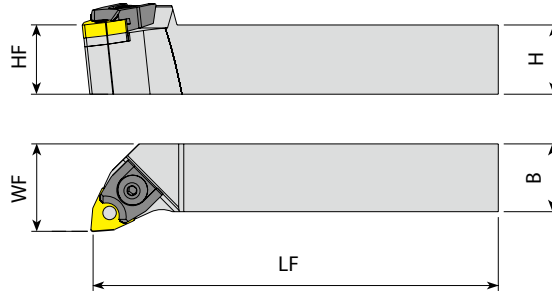
DRILLING

TECHNICAL INFORMATION

Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Pin	Shim	Allen Key
MT..	..16	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAPM-01	YAATN-2-0002	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	18000110	18000147	18000061
	..22	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAPM-02	YAATN-3-0015	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	18000111	18000148	18000061

Turning - Holder - External

# Multi-Clamp type for WN\*\* Insert



: p.53

Unit:mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
<p><b>MWLNR/L</b> Approach angle 95°</p>	MWLNR/L 1616H 06	0645	0646	16	16	20	100	WN0604
	MWLNR/L 2020K 06	0021	0022	20	20	25	125	
	MWLNR/L 2525M 06	0023	0024	25	25	32	150	
	MWLNR/L 2020K 08	0025	0026	20	20	25	125	WN0804
	MWLNR/L 2525M 08	0027	0028	25	25	32	150	
	MWLNR/L 3232P 08	0029	0030	32	32	40	170	

TURNING

PARTING & GROOVING

MILLING

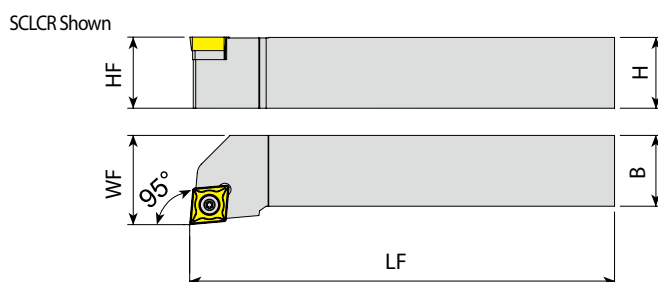
DRILLING

TECHNICAL INFORMATION

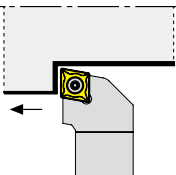
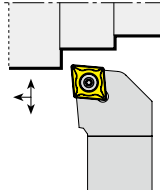
Series	Designation	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Pin	Shim	Allen Key
MW..	..06	Description	YAMK-01	YAKV-04-M5x17	-	-	YAPM-08	-	YAAL-03-3
		EDP	18000070	18000082			18000114		18000061
	..08	Description	YAMK-05	YAKV-03-M6x22	YABPL-01	YAS-01	YAPM-02	YAAWN-3-0001	YAAL-03-3
		EDP	18000073	18000081	18000058	18000052	18000111	18000151	18000061

Turning - Holder - External

**Screw on type for CC\*\* Insert**



: p.57 Unit:mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert
 <p><b>SCACR/L</b> Approach angle 90°</p>	SCACR/L 0808E 06	0675	0676	08	08	10	70	CC0602
	SCACR/L 1010E 06	0677	0678	10	10	12	70	
	SCACR/L 1212F 09	0679	0680	12	12	16	80	CC09T3
	SCACR/L 1616H 09	0681	0682	16	16	20	100	
	SCACR/L 2020K 09	0683	0684	20	20	25	125	CC1204
	SCACR/L 2020K 12	0685	0686	20	20	25	125	
	SCACR/L 2525M 12	0687	0688	25	25	32	150	
 <p><b>SCLCR/L</b> Approach angle 95°</p>	SCLCR/L 0808E 06	0689	0690	08	08	10	70	CC0602
	SCLCR/L 1010E 06	0691	-	10	10	12	70	
	SCLCR/L 1010E 09	0692	0693	10	10	12	70	CC09T3
	SCLCR/L 1212F 09	0089	0090	12	12	16	80	
	SCLCR/L 1616H 09	0091	0092	16	16	20	100	
	SCLCR/L 2020K 09	0093	0094	20	20	25	125	CC1204
	SCLCR/L 2525M 09	0694	0695	25	25	32	150	
	SCLCR/L 1616H 12	0696	-	16	16	20	100	
	SCLCR/L 2020K 12	0095	0096	20	20	25	125	
	SCLCR/L 2525M 12	0097	0098	25	25	32	150	

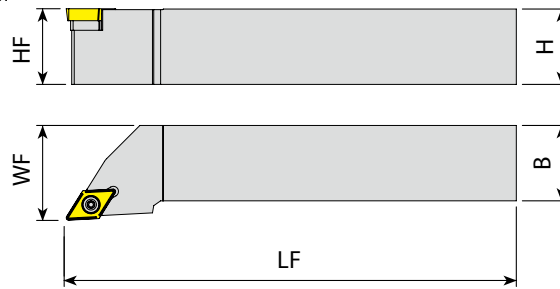
Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
SC..	..06	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..F09	Description	Y4015-M3.5x11	YAACN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000118	18000135	18000159	18000167
	..H09	Description	Y4015-M3.5x14	YAACN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000135	18000159	18000167
	..12	Description	Y1020-M4.5x16	YAACN-2-0003	YAAV-07-M4.5x13	Y80-T20
		EDP	18000120	18000136	18000160	18000168
	..1010..09	Description	Y4015-M3x9	-	-	Y80-T15
		EDP	18000132	-	-	18000159
	..1212..09	Description	Y4015-M3.5x11	-	-	Y80-T15
		EDP	18000118	-	-	18000159
	..1616~2525..09	Description	Y4015-M3.5x14	YAACN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000135	18000159	18000159
	..1616..12	Description	Y1020-M5x11	-	-	Y80-T20
		EDP	18000121	-	-	18000168
	..2020~2525..12	Description	Y1020-M4.5x16	YAACN-2-0003	YAAV-07-M4.5x13	Y80-T20
		EDP	18000120	18000136	18000160	18000168



# Turning - Holder - External

## Screw on type for DC\*\* Insert

SDJCR Shown



: p. 59 Unit: mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert	
<p><b>SDNCN</b> Approach angle 62.5°</p>	SDNCN 0808E 07	0723		08	08	4.0	70	DC0702	
	SDNCN 1010E 07	0724		10	10	5.0	70		
	SDNCN 1212F 07	0123		12	12	6.0	80		
	SDNCN 1616H 07	0725		16	16	8.0	100		
		SDNCN 1616H 11	0124		16	16	8.0	100	DC11T3
		SDNCN 2020K 11	0125		20	20	10.0	125	
		SDNCN 2525M 11	0126		25	25	12.5	150	
		SDNCN 3232P 11	0726		32	32	16.0	170	
<p><b>SDJCR/L</b> Approach angle 93°</p>		SDJCR/L 0808E 07	0713	0714	08	08	10.0	70	
	SDJCR/L 1010E 07	0715	0716	10	10	12.0	70		
	SDJCR/L 1212F 07	0113	0114	12	12	16.0	80		
	SDJCR/L 1616H 07	0717	0718	16	16	20.0	100		
		SDJCR/L 1616H 11	0117	0118	16	16	20.0	100	DC11T3
		SDJCR/L 2020K 11	0119	0120	20	20	25.0	125	
		SDJCR/L 2525M 11	0719	0720	25	25	32.0	150	
		SDJCR/L 3232P 11	0721	0722	32	32	40.0	170	
<p><b>SDHCR/L</b> Approach angle 107.5°</p>	SDHCR/L 0808E 07	0697	0698	05	05	11.0	70	DC0702	
	SDHCR/L 1010E 07	0699	0700	10	10	12.0	70		
	SDHCR/L 1212F 07	0701	0702	12	12	16.0	80		
	SDHCR/L 1616H 07	0703	0704	16	16	20.0	100		
		SDHCR/L 1616H 11	0705	0706	16	16	20.0	100	DC11T3
		SDHCR/L 2020K 11	0707	0708	20	20	25.0	125	
		SDHCR/L 2525M 11	0709	0710	25	25	32.0	150	
		SDHCR/L 3232P 11	0711	0712	32	32	40.0	170	

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
SD..	..07	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	8000127	-	-	18000165
	..11	Description	Y4015-M3.5x14	YAADN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000140	18000159	18000167

Turning - Holder - External

**Screw on type for RC\*\* Insert**

TURNING

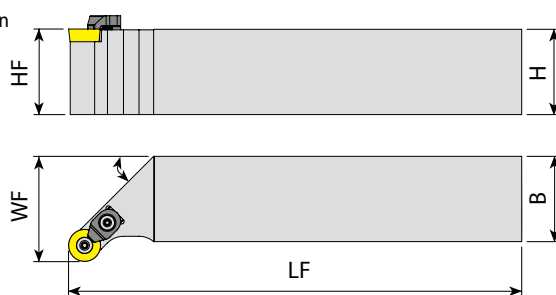
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

SRGCR Shown



\* 'C' Letter at Last : Optional Clamp Included

□ : p.61 Unit:mm

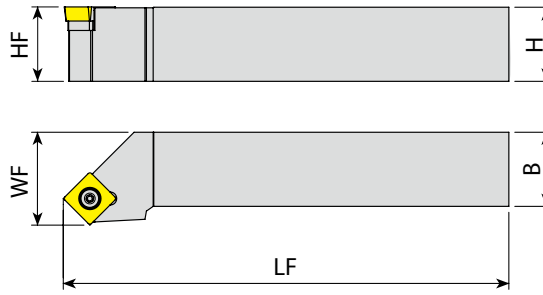
Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
SRGCR/L	SRGCR/L 1616H 06	0739	0740	16	16	20.0	100	RC0602
	SRGCR/L 2020K 06	0741	0742	20	20	25.0	125	RC0602
	SRGCR/L 1616H 08C	0743	0744	16	16	32.0	100	RC0803
	SRGCR/L 2020K 08C	0745	0746	20	20	25.0	125	RC0803
	SRGCR/L 2525M 08C	0747	0748	25	25	32.0	150	RC0803
	SRGCR/L 1616H 10C	0749	0750	16	16	20.0	100	RC10T3
	SRGCR/L 2020K 10C	0751	0752	20	20	25.0	125	RC10T3
	SRGCR/L 2525M 10C	0753	0754	25	25	32.0	150	RC10T3
	SRGCR/L 3232P 10C	0755	0756	32	32	40.0	170	RC10T3
	SRGCR/L 2020K 12C	0757	0758	20	20	25.0	125	RC1204
	SRGCR/L 2525M 12C	0759	0760	25	25	32.0	150	RC1204
	SRGCR/L 3232P 12C	0761	0762	32	32	40.0	170	RC1204
SRDCN	SRDCN 1616H 06	0162		16	16	8.0	100	RC0602
	SRDCN 2020K 06	0163		20	20	10.0	125	RC0602
	SRDCN 2525M 06	0164		25	25	12.5	150	RC0602
	SRDCN 1616H 08C	0727		16	16	8.0	100	RC0803
	SRDCN 2020K 08C	0728		20	20	10.0	125	RC0803
	SRDCN 2525M 08C	0729		25	25	12.5	150	RC0803
	SRDCN 1616H 10C	0730		16	16	8.0	100	RC10T3
	SRDCN 2020K 10C	0731		20	20	10.0	125	RC10T3
	SRDCN 2525M 10C	0732		25	25	12.5	150	RC10T3
	SRDCN 3232P 10C	0733		32	32	16.0	170	RC10T3
	SRDCN 2020K 12C	0734		20	20	10.0	125	RC1204
	SRDCN 2525M 12C	0735		25	25	12.5	150	RC1204
SRDCN 3232P 12C	0736		32	32	16.0	170	RC1204	
SRDCR/L	SRDCR/L3232P12C	0737	0738	32	32	40.0	170	RC1204
SRHCR/L	SRHCR/L 2525K 06	0763	-	25	25	25.0	125	RC0602
	SRHCR/L 2525K 08	0764	0765	25	25	25.0	125	RC0803
	SRHCR/L 2525K 10	0766	0767	25	25	25.0	125	RC10T3
	SRHCR/L 2525K 12	0768	0769	25	25	25.0	125	RC1204

Series	Designation	Infomation	Clamp	Clamp Screw	Screw	Torx Key
SR..	..06	Description	-	-	Y3008-M2.5x6	Y80-T08
		EDP	-	-	18000124	18000165
SR..	..08	Description	-	-	Y3008-M3x8	Y80-T15
		EDP	-	-	18000125	18000167
SR..	..08C	Description	YACK-15	Y4015-M3.5x11	Y3008-M3x8	Y80-T08
		EDP	18000069	18000118	18000125	18000165
SR..	..10C	Description	YACK-15	Y4015-M3.5x11	Y4015-M3.5x11	Y80-T15
		EDP	18000069	18000118	18000118	18000167
SR..	..12C	Description	YACK-05	Y4015-M4x11	Y4015-M3.5x11	Y80-T15
		EDP	18000065	18000119	18000118	18000167
SR..	..10 ..12	Description	-	-	Y4015-M3.5x11	Y80-T15
		EDP	-	-	18000118	18000167
SR..	..1616 ..08C	Description	YACK-15	Y4015-M3.5x11	Y3008-M3x8	Y80-T08
		EDP	18000069	18000118	18000125	18000165

Turning - Holder - External

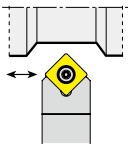
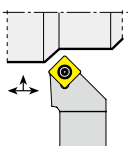
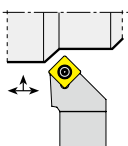
**Screw on type for SC\*\* Insert**

SSSCR Shown



: p.63

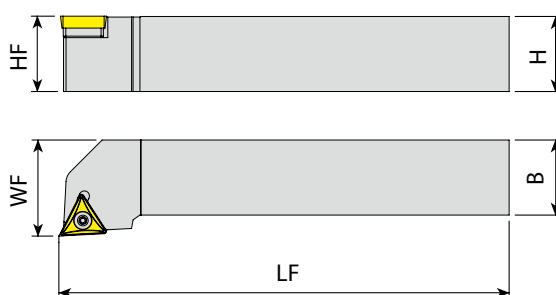
Unit:mm

Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert	
 <p><b>SSDCN</b> Approach angle 45°</p>	SSDCN 1212F 09	0148	12	12	6.0	80	SC09T3	
	SSDCN 1616H 09	0149	16	16	8.0	100		
	SSDCN 2020K 09	0770	20	20	10.0	125		
	 <p><b>SSSCR/L</b> Approach angle 45°</p>	SSDCN 1616H 12	0771	16	16	8.0	100	SC1204
		SSDCN 2020K 12	0150	20	20	10.0	125	
		SSDCN 2525M 12	0151	25	25	12.5	150	
SSSCR/L 1212F 09		0772 0773	12	12	16.0	80		
SSSCR/L 1616H 09		0774 0775	16	16	20.0	100		
 <p><b>SSSCR/L</b> Approach angle 45°</p>	SSSCR/L 2020K 09	0776 0777	20	20	25.0	125	SC1204	
	SSSCR/L 1616H 12	0778 0779	16	16	20.0	100		
	SSSCR/L 2020K 12	0780 0781	20	20	25.0	125		
	SSSCR/L 2525M 12	0782 0783	25	25	32.0	150		

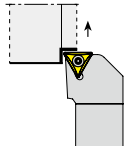
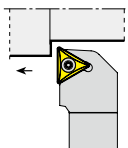
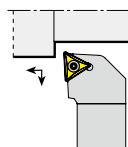
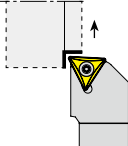
Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
SS..	..1212..09	Description	Y4015-M3.5x11	-	-	Y80-T15
		EDP	18000118	-	-	18000167
	..1616~2020..09	Description	Y4015-M3.5x14	YAASN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000135	18000159	18000167
	..1616..12	Description	Y4020-M4.5x12	YAASN-2-0004	YAAV-10-M4.5x8	Y80-T20
		EDP	18000134	18000144	18000162	18000168
	..2020~2525..12	Description	Y1020-M4.5x16	YAASN-2-0004	YAAV-07-M4.5x13	Y80-T20
		EDP	18000120	18000144	18000160	18000168

# Screw on type for TC\*\* Insert

STJCR Shown



: p.64 Unit:mm

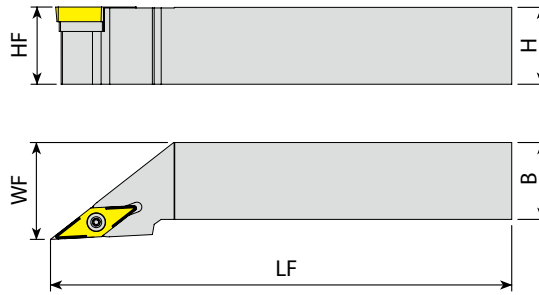
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 <b>STFCR/L</b> Approach angle 91°	STFCR/L 1212F 11	0099	0100	12	12	16	80	TC1102
	STFCR/L 1616H 11	0101	0102	16	16	20	100	
	STFCR/L 1616H 16	0105	0106	16	16	20	100	TC16T3
	STFCR/L 2020K 16	0107	0108	20	20	25	125	
	STFCR/L 2525M 16	0109	0110	25	25	32	150	
	STFCR/L 3232P 16	0784	0785	32	32	40	170	
 <b>STGCR/L</b> Approach angle 91°	STGCR/L 1212F 11	0786	0787	12	12	16	80	TC1102
	STGCR/L 1616H 11	0433	0788	16	16	20	100	
	STGCR/L 1616H 16	0789	0790	16	16	20	100	TC16T3
	STGCR/L 2020K 16	0434	0791	20	20	25	125	
	STGCR/L 2525M 16	0792	0793	25	25	32	150	
	STGCR/L 3232P 16	0794	0795	32	32	40	170	
 <b>STJCR/L</b> Approach angle 93°	STJCR/L 1212F 11	0796	0797	12	12	16	80	TC1102
	STJCR/L 1616H 11	0798	0799	16	16	20	100	
	STJCR/L 1616H 16	0800	0801	16	16	20	100	TC16T3
	STJCR/L 2020K 16	0802	0803	20	20	25	125	
	STJCR/L 2525M 16	0804	0805	25	25	32	150	
	STJCR/L 3232P 16	0806	0807	32	32	40	170	
 <b>STUCR/L</b> Approach angle 93°	STUCR/L 1212F 11	0808	0809	12	12	16	80	TC1102
	STUCR/L 1616H 11	0810	0811	16	16	20	100	
	STUCR/L 2020K 16	0812	0813	20	20	25	125	TC16T3
	STUCR/L 2525M 16	0814	0815	25	25	32	150	
	STUCR/L 3232P 16	0816	0817	32	32	40	170	

Series	Designation	Infomation	Screw	Shim	Shim Screw	Torx Key
ST..	..11	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..16	Description	Y4015-M3.5x14	YAATN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000146	18000159	18000167

Turning - Holder - External

**Screw on type for VB\*\* Insert**

SVJBR Shown



: p.66

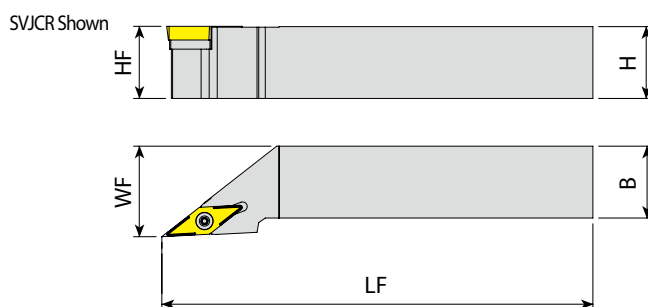
Unit:mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 <b>SVHBR/L</b> Approach angle 107.5°	SVHBR/L 2020K 16	0818	0819	20	20	25.0	125	VB1604
	SVHBR/L 2525M 16	0820	0821	25	25	32.0	150	
	SVHBR/L 3232P 16	0822	0823	32	32	40.0	170	
 <b>SVVBN</b> Approach angle 72.5°	SVVBN 2020K 16	0131		20	20	10.0	125	VB1604
	SVVBN 2525M 16	0132		25	25	12.5	150	
	SVVBN 3232P 16	0827		32	32	16.0	170	
 <b>SVJBR/L</b> Approach angle 93°	SVJBR/L 1616H 16	0824	0825	16	16	20.0	100	VB1604
	SVJBR/L 2020K 16	0127	0128	20	20	25.0	125	
	SVJBR/L 2525M 16	0129	0130	25	25	32.0	150	
	SVJBR/L 3232P 16	0436	0826	32	32	40.0	170	

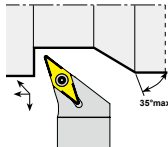
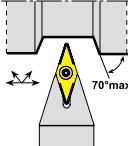
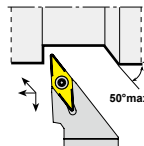
Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
SV..	..16	Description	Y4015-M3.5x14	YAAVN-2-0002	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	28000043	18000159	18000167

Turning - Holder - External

**Screw on type for VC\*\* Insert**



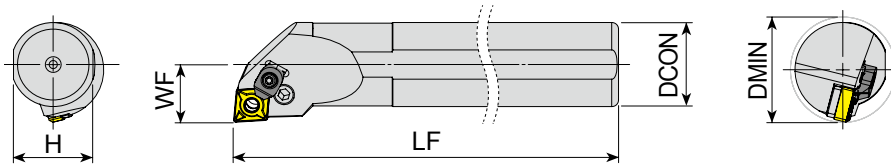
: p.67 Unit:mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert	
 <b>SVHCR/L</b> Approach angle 107.5°	SVHCR/L 2020K 16	0828	0829	20	20	25	125	VC1604	
	SVHCR/L 2525M 16	0830	0831	25	25	32	150		
	SVHCR/L 3232P 16	0832	0833	32	32	40	170		
 <b>SVVCN</b> Approach angle 72.5°	SVVCN 1212-F11	0143		12	12	06	80	VC1103	
	SVVCN 1616-H11	0144		16	16	08	100		
	SVVCN 2020-K11	0145		20	20	10	125		
	SVVCN 2020-K16	0146		20	20	10	125		
		SVVCN 2525M 16	0147		25	25	12.5	150	VC1604
		SVVCN 3232P 16	0838		32	32	16	170	
 <b>SVJCR/L</b> Approach angle 93°	SVJCR/L 1212F 16	0834	0835	12	12	16	80	VC1604	
	SVJCR/L 2020K 16	0139	0140	20	20	25	125		
	SVJCR/L 2525M 16	0141	0142	25	25	32	150		
	SVJCR/L 3232P 16	0836	0837	32	32	40	170		
		SVJCR/L 1212-F11	0133	0134	12	12	16	80	VC1103
		SVJCR/L 1616-H11	0135	0136	16	16	20	100	
		SVJCR/L 2020-K11	0137	0138	20	20	25	125	

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
SV..	..11	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..16	Description	Y4015-M3.5x14	YAAVN-2-0002	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	28000043	18000159	18000167
	..1212..16	Description	Y4015-M3.5x11	-	-	Y80-T15
		EDP	18000118	-	-	18000167
..2020~3232..16	Description	Y4015-M3.5x14	YAAVN-2-0002	YAAV-06-M3.5x11	Y80-T15	
	EDP	18000129	28000043	18000159	18000167	

Turning - Holder - Internal

# Lever Lock type for CN\*\* Insert

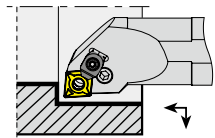


\* 'C' Letter at Last : Optional Clamp Included

: p. 30

Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert			
●	A25R - PCLNR/L 12C	0839 0840	32	25	23	17	200	CN1204			
	A32S - PCLNR/L 12C	0841 0842	40	32	30	22	250				
	A40T - PCLNR/L 12C	0843 0844	50	40	37.5	27	300				
	A50U - PCLNR/L 12C	0845 0846	63	50	47	35	350				
	X	S25S - PCLNR/L 12C	0863 0864	32	25	23	17		250		
		S32T - PCLNR/L 12C	0865 0866	40	32	30	22		300		
		S40U - PCLNR/L 12C	0867 0868	50	40	37.5	27		350		
		S50V - PCLNR/L 12C	0869 0870	63	50	47	35		400		
		●	A32S - PCLNR/L 16C	0847 0848	40	32	30		22	250	CN1606
	A40T - PCLNR/L 16C		0849 0850	50	40	37.5	27		300		
A50U - PCLNR/L 16C	0851 0852		63	50	47	35	350				
X	S32T - PCLNR/L 16C		0871 0872	40	32	30	22	300			
	S40U - PCLNR/L 16C		0873 0874	50	40	37.5	27	350			
	S50V - PCLNR/L 16C		0875 0876	63	50	47	35	400			
	●		A40T - PCLNR/L 19C	0853 0854	50	40	37.5	27	300	CN1906	
			A50U - PCLNR/L 19C	0855 0856	63	50	47	35	350		
X			S40U - PCLNR/L 19C	0877 0878	50	40	37.5	27	350		
			S50V - PCLNR/L 19C	0879 0880	63	50	47	35	400		



..-PCLNR/L

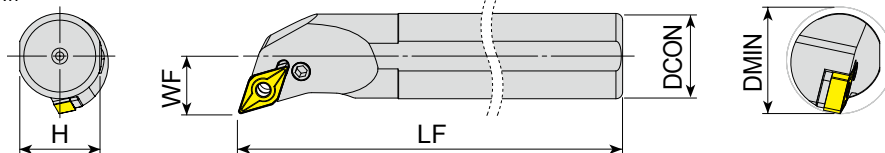
Approach angle  
95°

Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..25..- 12C	Description	YAPL-02	YALV-08-M8x16	YACK-05	Y4015-M4x11	YAACN-3-0001	YAAY-02	YAAL-03-3	
	EDP	18000093	18000104	18000065	18000119	18000137	18000054	18000061	
..32~50..- 12C	Description	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAACN-3-0001	YAAY-02	YAAL-03-3	
	EDP	18000093	18000100	18000065	18000119	18000137	18000054	18000061	
..PC..	Description	YAPL-04	YALV-04-M8x22	YACK-09	YAAV-05-M6x15	YAACN-3-0002	YAAY-03	YAAL-03-3	
	EDP	18000095	18000101	18000066	18000078	18000138	18000055	18000061	
..19C	Description	YAPL-05	YALV-05-M10x27	YACK-09	YAAV-05-M6x15	YAACN-3-0003	YAAY-04	YAAL-05-4	
	EDP	18000096	18000102	18000066	18000078	18000139	18000056	18000062	
..19C	Description	YAPL-05	YALV-05-M10x27	YACK-09	YAAV-05-M6x15	YAACN-3-0003	YAAY-04	YAAL-05-4	
	EDP	18000096	18000102	18000066	18000078	18000139	18000056	18000062	

## Turning - Holder - Internal

### Lever Lock type for DN\*\* Insert

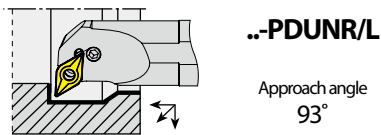
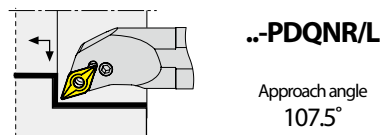
..PDQNR Shown



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Unit:mm

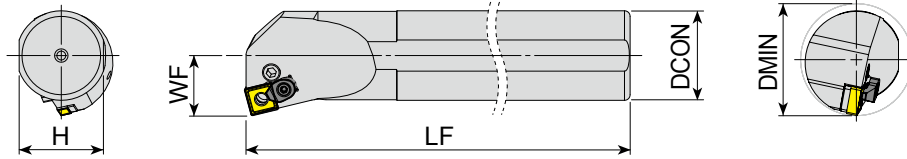
Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
●	A32S - PDQNR/L 1504	0895	-	40	32	30	22	250	DN1504
	A40T - PDQNR/L 1504	0896	-	50	40	37.5	27	300	
	S32T - PDQNR/L 1504	0903	-	40	32	30	22	300	
	X S40U - PDQNR/L 1504	0904	-	50	40	37.5	27	350	
	S50V - PDQNR/L 1504	0905	-	63	50	47	35	400	
	A32S - PDQNR/L 15	0897	0898	40	32	30	22	250	
● A40T - PDQNR/L 15	0899	0900	50	40	37.5	27	300		
A50U - PDQNR/L 15	0901	0902	63	50	47	35	350		
S32T - PDQNR/L 15	0906	0907	40	32	30	22	300		
X S40U - PDQNR/L 15	0908	0909	50	40	37.5	27	350		
S50V - PDQNR/L 15	0910	0911	63	50	47	35	400		
●	A32S - PDUNR/L 15	0920	0921	40	32	30	22	250	DN1506
	● A40T - PDUNR/L 15	0922	0923	50	40	37.5	27	300	
	A50U - PDUNR/L 15	0924	0925	63	50	47	35	350	
	S25S - PDUNR/L 15	0934	0935	32	25	23	19	250	
	X S32T - PDUNR/L 15	0936	0937	40	32	30	22	300	
	S40U - PDUNR/L 15	0938	0939	50	40	37.5	27	350	
	S50V - PDUNR/L 15	0940	0941	63	50	47	35	400	



Series	Designation	Information	Lever	Lever Screw	Shim	Shim Pin	Allen Key
..15	Description		YAPL-03	YALV-03-M8x19	YAADN-3-0001	YAAY-02	YAAL-03-3
	EDP		18000094	18000100	18000142	18000054	18000061
..1504	Description		YAPL-03	YALV-03-M8x19	YAADN-2-0003	YAAY-02	YAAL-03-3
	EDP		18000094	18000100	18000141	18000054	18000061
..25..15	Description		YAPL-03	YALV-08-M8x16	YAADN-3-0001	YAAY-02	YAAL-03-3
	EDP		18000094	18000104	18000142	18000054	18000061
..32~50..15	Description		YAPL-03	YALV-03-M8x19	YAADN-3-0001	YAAY-02	YAAL-03-3
	EDP		18000094	18000100	18000142	18000054	18000061



## Turning - Holder - Internal Lever Lock type for SN\*\* Insert



\* 'C' Letter at Last : Optional Clamp Included

: p. 42

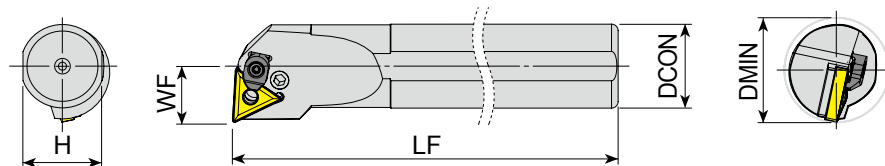
Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 <b>..-PSKNR/L</b> Approach angle 75°	X S25S - PSKNR/L 12C	0958 0959	32	25	23	17	250	SN1204
	S32T - PSKNR/L 12C	0960 0961	40	32	30	22	300	
	X S40U - PSKNR/L12C	0962 0963	50	40	37.5	27	350	SN1204
	S50V - PSKNR/L12C	0964 0965	63	50	47	35	400	

Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..PS..	..25.. 12C	Description	YAPL-02	YALV-08-M8x16	YACK-05	Y4015-M4x11	YAASN-3-0004	YAAY-02	YAAL-03-3
		EDP	18000093	18000104	18000065	18000119	18000145	18000054	18000061
	..32.. 12C ..40.. 12C ..50.. 12C	Description	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAASN-3-0004	YAAY-02	YAAL-03-3
		EDP	18000093	18000100	18000065	18000119	18000145	18000054	18000061

## Turning - Holder - Internal

### Lever Lock type for TN\*\* Insert

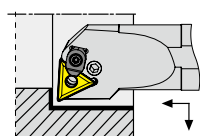


\* 'C' Letter at Last : Optional Clamp Included

☐: p.47

Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
X	S16P - PTUNR/L 16	1014	1015	20	16	14.8	11	170	TN1604
	S20R - PTUNR/L 16	1016	1017	25	20	18.3	13	200	
	S25S - PTUNR/L 16C	1018	1019	32	25	23	17	250	
	S32T - PTUNR/L 16C	1020	1021	40	32	30	22	300	
	S40U - PTUNR/L 16C	1022	1023	50	40	37.5	27	350	
X	S32T - PTUNR/L 22C	1024	1025	40	32	30	22	300	TN2204
	S40U - PTUNR/L 22C	1026	1027	50	40	37.5	27	350	
	S50V - PTUNR/L 22C	1028	1029	63	50	47	35	400	



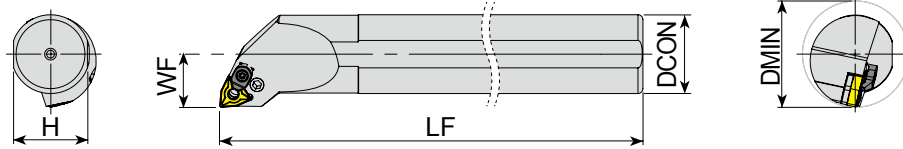
..PTUNR/L

Approach angle  
93°

Series	Designation	Information	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..16..16	Description		YAPL-08	YALV-07-M6x13	-	-	-	YAAY-07	YAAL-02-2.5
	EDP		18000097	18000103	-	-	-	18000057	18000060
..20..16	Description		YAPL-01	YALV-01-M6x14	-	-	YAATN-3-0025	YAAY-01	YAAL-02-2.5
	EDP		18000092	18000098	-	-	18000149	18000053	18000060
..16C	Description		YAPL-01	YALV-02-M6x17	YACK-05	Y4015-M4x11	YAATN-3-0025	YAAY-01	YAAL-02-2.5
	EDP		18000092	18000099	18000065	18000119	18000149	18000053	18000060
..22C	Description		YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAATN-3-0015	YAAY-02	YAAL-03-3
	EDP		18000093	18000100	18000065	18000119	18000148	18000054	18000061

Turning - Holder - Internal

# Lever Lock type for WN\*\* Insert

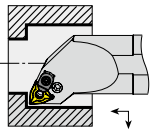


\* 'C' Letter at Last : Optional Clamp Included

: p.53

Unit:mm

Series	Designation	EDP 2700.. R	L	DMIN	DCON	H	WF	LF	Insert
	A20P - PWNLR/L 06	1048	1049	25	20	18.3	13	170	WN0604
●	A25R - PWNLR/L 06	1050	1051	32	25	23	17	200	
	A32S - PWNLR/L 06	1052	1053	40	32	30	22	250	
	S20R - PWNLR/L 06	1076	1077	25	20	18.3	13	200	
X	S25S - PWNLR/L 06	1078	1079	32	25	23	17	250	
	S32T - PWNLR/L 06	1080	1081	40	32	30	22	300	WN0804
	A25R - PWNLR/L 08C	1054	1055	32	25	23	17	200	
●	A32S - PWNLR/L 08C	1056	1057	40	32	30	22	250	
	A40T - PWNLR/L 08C	1058	1059	50	40	37.5	27	300	
	A50U - PWNLR/L 08C	1060	1061	63	50	47	35	350	
	S25S - PWNLR/L 08C	1082	1083	32	25	23	17	250	
X	S32T - PWNLR/L 08C	1084	1085	40	32	30	22	300	
	S40U - PWNLR/L 08C	1086	1087	50	40	37.5	27	350	
	S50V - PWNLR/L 08C	1088	1089	63	50	47	35	400	

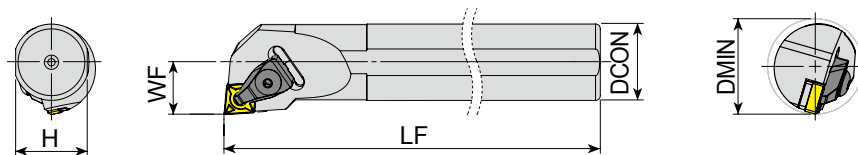


..-PWNLR/L

Approach angle  
95°

Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..20..06		Description	YAPL-01	YALV-01-M6x14	-	-	YAAWN-SW317	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000098			18000152	18000053	18000060
..25~32..06		Description	YAPL-01	YALV-02-M6x17	-	-	YAAWN-SW317	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000099			18000152	18000053	18000060
..08C		Description	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAAWN-3-0001	YAAY-02	YAAL-03-3
		EDP	18000093	18000100	18000065	18000119	18000151	18000054	18000061

# Double Clamp type for CN\*\* Insert



: p.30

Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
 ..-TCLNR/L Approach angle 95°	X S25S -TCLNR/L 12	0881	0882	32	25	23	17	250	CN1204
	S32T -TCLNR/L 12	0883	0884	40	32	30	22	300	
	S40U -TCLNR/L 12	0885	0886	50	40	37.5	27	350	
	S50V -TCLNR/L 12	0887	0888	63	50	47	35	400	
	S32T -TCLNR/L 16	0889	0890	40	32	30	22	300	CN1606
	X S40U -TCLNR/L 16	0891	0892	50	40	37.5	27	350	
	S50V -TCLNR/L 16	0893	0894	63	50	47	35	400	

TURNING

PARTING & GROOVING

MILLING

DRILLING

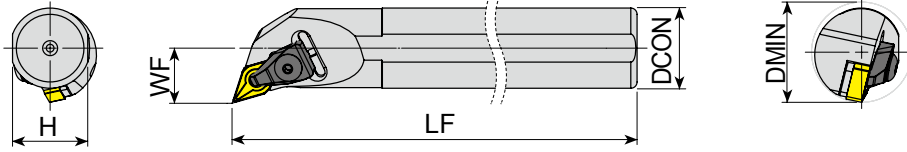
TECHNICAL INFORMATION

Series	Designation	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
..TC..	..25..12	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAACN-3-0001	YAAV-13-M5x8	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000137	18000163	18000061
	..32~50..12	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAACN-3-0001	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000137	18000156	18000061
	..16	Description	YATK-04	YAKV-19-M7x25	YABPL-02	-	YAACN-3-0002	YAAV-05-M6x15	YAAL-05-4
		EDP	18000077	18000088	18000059		18000138	18000078	18000062

Turning - Holder - Internal

# Double Clamp type for DN\*\* Insert

..TDQNR Shown



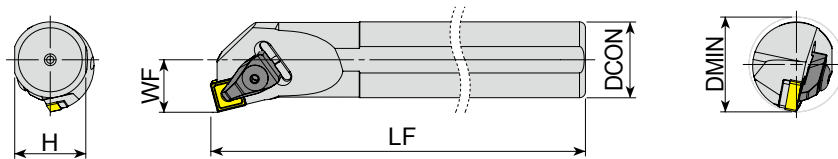
: p. 35 Unit: mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
<p><b>..TDQNR/L</b> Approach angle 107.5°</p>	S25S - TDQNR/L 15	0912 0913	32	25	23	17	250	DN1506
	S32T - TDQNR/L 15	0914 0915	40	32	30	22	300	
	S40U - TDQNR/L 15	0916 0917	50	40	37.5	27	350	
	S50V - TDQNR/L 15	0918 0919	63	50	47	35	400	
<p><b>..TDUNR/L</b> Approach angle 93°</p>	S25S - TDUNR/L 15	0942 0943	34	25	23	17	250	DN1506
	S32T - TDUNR/L 15	0944 0945	40	32	30	22	300	
	S40U - TDUNR/L 15	0946 0947	50	40	37.5	27	350	
	S50V - TDUNR/L 15	0948 0949	63	50	47	35	400	

Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
..TDQ..25..15	Description	YATK-02	YAKV-30-M6x22	YABPL-01	-	YAADN-3-0001	YAAV-13-M5x8	YAAL-03-3	
	EDP	18000075	18000091	18000058		18000142	18000163	18000061	
..TD.. ..25..15	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAADN-3-0001	YAAV-13-M5x8	YAAL-03-3	
	EDP	18000075	18000091	18000058	18000052	18000142	18000163	18000061	
..32~50..15	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAADN-3-0001	YAAV-02-M5x12	YAAL-03-3	
	EDP	18000075	18000091	18000058	18000052	18000142	18000156	18000061	

Turning - Holder - Internal

# Double Clamp type for SN\*\* Insert



: p.42

Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
 ..TSKNR/L Approach angle 75°	S25S - TSKNR/L 12	0966	-	32	25	23	17	250	SN1204
	S32T - TSKNR/L12	0968	0969	40	32	30	22	300	
	S40U - TSKNR/L 12	0970	0971	50	40	37.5	27	350	

TURNING

PARTING & GROOVING

MILLING

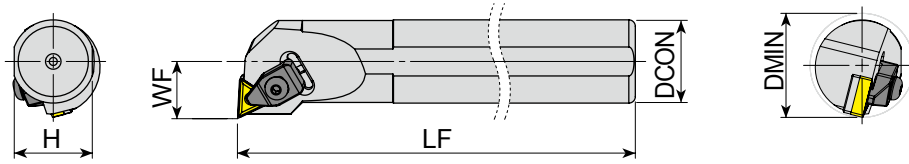
DRILLING

TECHNICAL INFORMATION

Series	Designation	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
..TS..	..12	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAASN-3-0004	YAAV-13-M5x8	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000145	18000163	18000061

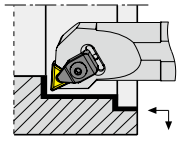
Turning - Holder - Internal

# Double Clamp type for TN\*\* Insert



: p. 47 Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
X	S25S - TTUNR/L 16	1030	1031	32	25	23	17	250	TN1604
	S32T - TTUNR/L 16	1032	1033	40	32	30	22	300	
X	S25S - TTUNR/L 22	1034	1035	32	25	23	17	250	TN2204
	S32T - TTUNR/L 22	1036	1037	40	32	30	22	300	
	S40U - TTUNR/L 22	1038	1039	50	40	37.5	27	350	
	S50V - TTUNR/L 22	1040	1041	63	50	47	35	400	



..-TTUNR/L

Approach angle  
93°

TURNING

PARTING & GROOVING

MILLING

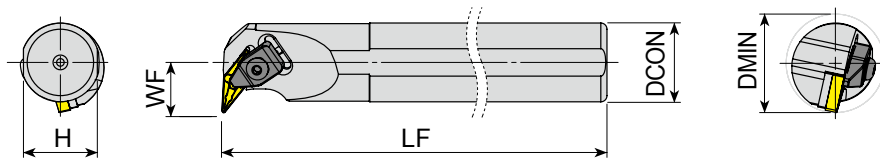
DRILLING

TECHNICAL INFORMATION

Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
..TT..	..16	Description	YATK-01	YAKV-01-M5x22	YABPL-01	-	YAATN-2-0002	YAAV-03-M5x12	YAAL-03-3
		EDP	18000074	18000080	18000058		18000147	18000156	18000061
	..22	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAATN-3-0015	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000148	18000156	18000061

Turning - Holder - Internal

**Double Clamp type for VN\*\* Insert**



: p.51

Unit:mm

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

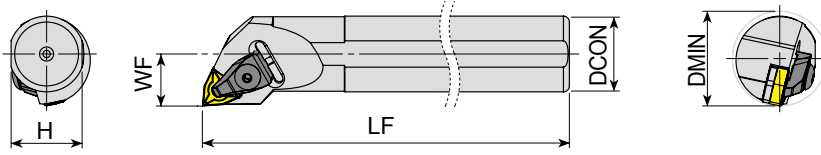
Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
<p><b>..TVUNR/L</b> Approach angle 93°</p>	S25S - TVUNR/L 16	1042	1043	36	25	23	20	250	VN1604
	S32T - TVUNR/L 16	1044	1045	40	32	30	22	300	
	S40U - TVUNR/L 16	1046	1047	50	40	37.5	27	350	

Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Shim	Shim Screw	Allen Key
..TV..	..16	Description	YATK-01	YAKV-01-M5x22	YABPL-01	YAAVN-2-0002	YAAV-04-M5x12	YAAL-03-3
		EDP	18000074	18000080	18000058	18000150	18000185	18000061



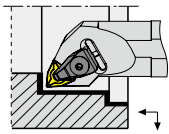
Turning - Holder - Internal

# Double Clamp type for WN\*\* Insert



: p.53 Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
X	S25S - TWLNR/L 06	1090	1091	32	25	23	17	250	WN0604
	S32T - TWLNR/L 06	1092	1093	40	32	30	22	300	
●	A40T - TWLNR/L 08	1062	-	50	40	37.5	27	300	WN0804
	A50U - TWLNR/L 08	1063	-	63	50	47	35	350	
X	S25S - TWLNR/L 08	1094	1095	32	25	23	17	250	
	S32T - TWLNR/L 08	1096	1097	40	32	30	22	300	
	S40U - TWLNR/L 08	1098	1099	50	40	37.5	27	350	
	S50V - TWLNR/L 08	1100	1101	63	50	47	35	400	



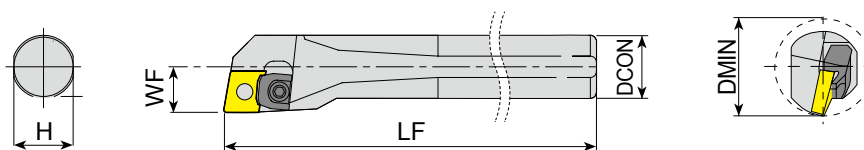
..-TWLNR/L

Approach angle  
95°

Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
..TW..	..06	Description	YATK-01	YAKV-01-M5x22	YABPL-01	-	YAAWN-SW317	YAAV-01-M3x10	YAAL-03-3
		EDP	18000074	18000080	18000058		18000152	18000155	18000061
	..25..08	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAAWN-3-0001	YAAV-13-M5x8	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000151	18000163	18000061
	..32~50..08	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAAWN-3-0001	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000151	18000156	18000061

Turning - Holder - Internal

**Multi-Clamp type for CN\*\* Insert**



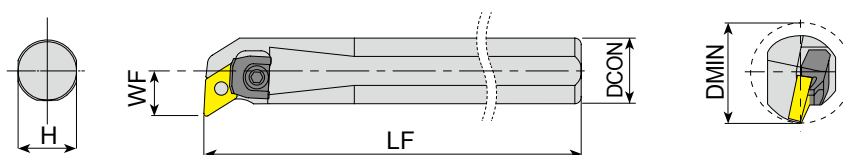
: p.30 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 <b>..-MCLNR/L</b> Approach angle 95°	S20R - MCLNR/L12	0857 0858	25	20	18.3	13	200	CN1204
	S32T - MCLNR/L12	0861 0862	40	32	30	22	300	
	X							

Series	Designation	Information	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..MC..	..20..12	Description	YAMK-07	YAKV-04-M5x17	-	YAPM-12	YAAL-03-3
		EDP	28000019	18000082	-	28000025	18000061
	..32..12	Description	YAMK-03	-	YAACN-3-0001	YAPM-04	-
		EDP	28000020	-	18000137	18000113	-

Turning - Holder - Internal

**Multi-Clamp type for DN\*\* Insert**



: p.35 Unit:mm

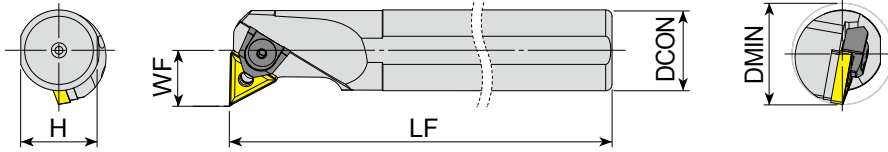
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 <b>..-MDUNR/L</b> Approach angle 93°	S32T - MDUNR/L15	0928 0929	40	32	30	22	300	DN1506
	S40U - MDUNR/L15	0930 0931	50	40	37.5	27	350	
	S50V - MDUNR/L15	0932 0933	63	50	47	35	400	
	X							

Series	Designation	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Pin	Allen Key
..MD..	..15	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAADN-3-0001	YAPM-04	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	18000142	18000113	18000061

Turning - Holder - Internal

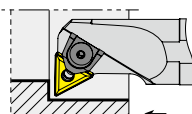
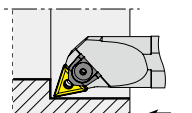
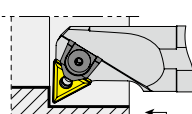
**Multi-Clamp type for TN\*\* Insert**

..MTFNR Shown



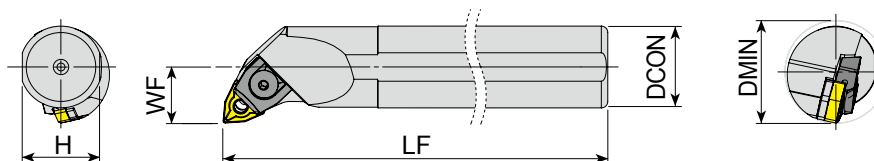
: p. 47

Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 <b>..- MTFNR/L</b> Approach angle 91°	X S20R - MTFNR/L 16	0972 -	25	20	18.3	14	200	TN1604
	S25S - MTFNR/L 16	0973 0974	32	25	23	17	250	
	S32T - MTFNR/L 16	0975 0976	40	32	30	22	300	
	S40U - MTFNR/L 16	0977 0978	50	40	37.5	27	350	TN2204
	X S32T - MTFNR/L 22	0979 0980	40	32	30	22	300	
	S40U - MTFNR/L 22	0981 0982	50	40	37.5	27	350	
S50V - MTFNR/L 22	0983 -	63	50	47	35	400		
 <b>..- MTQNR/L</b> Approach angle 107.5°	X S20R - MTQNR/L 16	0984 0985	25	20	18.3	13	200	TN1604
	S32T - MTQNR/L 16	0988 0989	40	32	30	22	300	
	S40U - MTQNR/L 16	0990 0991	50	40	37.5	27	350	
	X S32T - MTQNR/L 22	0992 0993	40	32	30	22	300	TN2204
	S40U - MTQNR/L 22	0994 0995	50	40	37.5	27	350	
	S50V - MTQNR/L 22	0996 0997	63	50	47	35	400	
	X S32T - MTUNR/L 22	1008 1009	40	32	30	22	300	
	S40U - MTUNR/L 22	1010 1011	50	40	37.5	27	350	
S50V - MTUNR/L 22	1012 1013	63	50	47	35	400		
 <b>..- MTUNR/L</b> Approach angle 93°	X S20R - MTUNR/L 16	0998 0999	25	20	18.3	13	200	TN1604
	S25S - MTUNR/L 16	1000 1001	32	25	23	17	250	
	S32T - MTUNR/L 16	1002 1003	40	32	30	22	300	
	S40U - MTUNR/L 16	1004 1005	50	40	37.5	27	350	
	S50V - MTUNR/L 16	1006 1007	63	50	47	35	400	

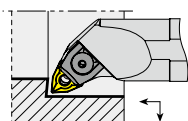
Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Pin	Shim	Shim Pin	Allen Key
..20..16	Description	YAMK-02	YAKV-17-M5x15	-	-	YAPM-03	-	-	YAAL-03-3	
	EDP	18000071	18000087	-	-	18000112	-	-	18000061	
..22	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAPM-02	YAATN-3-0015	-	YAAL-03-3	
	EDP	18000072	18000091	18000058	18000052	18000054	18000148	-	18000061	
..25..16	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAPM-14	YAATN-2-0002	-	YAAL-03-3	
	EDP	18000072	18000091	18000058	18000052	18000117	18000147	-	18000061	
..32~40..16	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	-	YAATN-2-0002	YAPM-14	YAAL-03-3	
	EDP	18000072	18000091	18000058	18000052	-	18000147	18000117	18000061	
..32~50..16	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAPM-01	YAATN-2-0002	-	YAAL-03-3	
	EDP	18000072	18000091	18000058	18000052	18000110	18000147	-	18000061	
..32~50..22	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	-	YAATN-3-0015	YAPM-02	YAAL-03-3	
	EDP	18000072	18000091	18000058	18000052	-	18000148	18000111	18000061	

## Multi-Clamp type for WN\*\* Insert



: p.53 Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
X	S16P - MWLNR/L 06	1064	1065	20	16	14.8	11	170	WN0604
	S20R - MWLNR/L 06	1066	1067	25	20	18.3	13	200	
	S25S - MWLNR/L 06	1068	1069	32	25	23	17	250	
X	S25S - MWLNR/L 08	1070	1071	32	25	23	17	250	WN0804
	S32T - MWLNR/L 08	1072	1073	40	32	30	22	300	
	S40U - MWLNR/L 08	1074	1075	50	40	37.5	27	350	



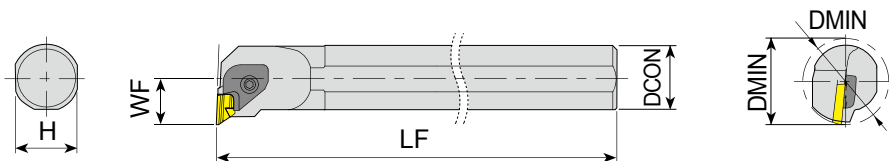
..-MWLNR/L

Approach angle  
95°

Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Pin	Shim	Allen Key
..16..06	Description	YAMK-01	YAMK-01	YAKV-17-M5x15	-	-	YAPM-09	-	-
	EDP	18000070	18000070	18000087			18000115		
..20..06	Description	YAMK-01	YAMK-01	YAKV-04-M5x17	-	-	YAPM-10	-	-
	EDP	18000070	18000070	18000082			18000116		
..25..06	Description	YAMK-01	YAMK-01	YAKV-04-M5x17	-	-	YAPM-08	-	-
	EDP	18000070	18000070	18000082			18000114		
..25..08	Description	YAMK-05	YAMK-05	YAKV-27-M6x20	YABPL-01	YAS-01	YAPM-04	YAAWN-3-0001	YAAL-03-3
	EDP	18000073	18000073	18000090	18000058	18000052	18000113	18000151	18000061
..32~40..08	Description	YAMK-05	YAMK-05	YAKV-03-M6x22	YABPL-01	YAS-01	YAPM-02	YAAWN-3-0001	YAAL-03-3
	EDP	18000073	18000073	18000081	18000058	18000052	18000111	18000151	18000061

Turning - Holder - Internal

# Top Clamp type for KN\*\* Insert



: p. 41

Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert	
		R	L							
 <b>..-CKUNR/L</b> Approach angle 93°										
	X	S32T - CKUNR/L16	0952	0953	40	32	30	22	300	KN1604
		S40U - CKUNR/L16	0954	0955	50	40	37.5	27	350	
	S50V - CKUNR/L16	0956	0957	63	50	47	35	400		

TURNING

PARTING & GROOVING

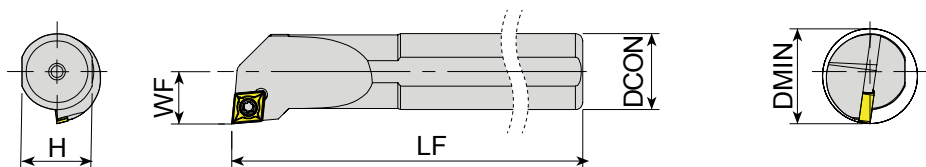
MILLING

DRILLING

TECHNICAL INFORMATION

Series	Designation	Infomation	Clamp	Clamp Screw	Spring	Upper Ring	Shim	Shim Screw	Allen Key
..CK..	..16	Description	YACK-01-R	YAKV-06-M6x20	YAKY-02	YABPL-01	YAKS-16-R	YAAV-01-M3x10	YAAL-05-4
			YACK-02-L				YAKS-16-L		
		EDP	18000064 (18000063)	18000083	18000164	18000058	18000154 (18000153)	18000155	18000062

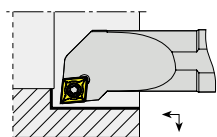
# Screw on type for CC\*\* Insert



: p. 57

Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
	S08H - SCFCR/L 06	1102	1103	11	08	7.3	6	100	CC0602
X	S10K - SCFCR/L 06	1104	1105	13	10	9	7	125	
	S12K - SCFCR/L 06	1106	1107	16	12	11	9	125	
	S12K - SCFCR/L 09	1108	1109	16	12	11	9	125	CC09T3
X	S16P - SCFCR/L 09	1110	1111	20	16	14.8	11	170	
	S20R - SCFCR/L 09	1112	1113	25	20	18.3	13	200	
	S25S - SCFCR/L 09	1114	1115	32	25	23	17	250	CC1204
X	S25S - SCFCR/L 12	1116	-	32	25	23	17	250	



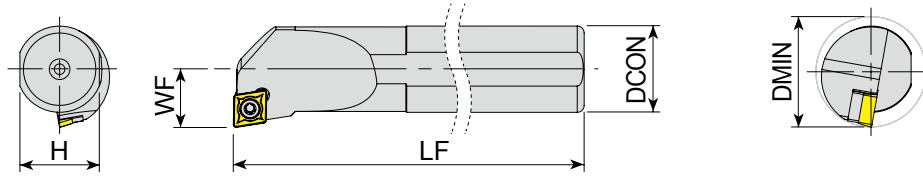
..- SCFCR/L

Approach angle  
91°

▶ NEXT PAGE

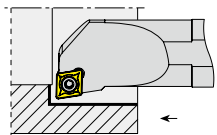
Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..06	Description		Y4008-M2.5x6	-	-	Y80-T08
	EDP		18000127	-	-	18000165
..12	Description		Y4020-M4.5x12	YAACN-2-0003	YAAV-10-M4.5x8	Y80-T20
	EDP		18000134	18000136	18000162	18000168
..SC..	Description		Y4015-M3.5x8	-	-	Y80-T15
	EDP		18000130	-	-	18000167
..16~20..09	Description		Y4015-M3.5x9	-	-	Y80-T15
	EDP		18000131	-	-	18000167
..25..09	Description		Y4015-M3.5x12	YAACN-2-0001	YAAV-08-M3.5x8	Y80-T15
	EDP		18000128	18000135	18000161	18000167

# Turning - Holder - Internal Screw on type for CC\*\* Insert

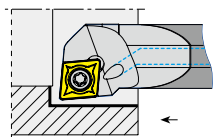


: p.57 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert	
●	A08H - SCLCR/L 06	1117 1118	11	08	7.3	6	100	CC0602	
	A10H - SCLCR/L 06	1119 1120	13	10	9	7	100		
	A12H - SCLCR/L 06	1121 1122	16	12	11	9	100		
	S08H - SCLCR/L 06	1133 1134	11	08	7.3	6	100		
	X S10K - SCLCR/L 06	1135 1136	13	10	9	7	125		
	S12K - SCLCR/L 06	1137 1138	16	12	11	9	125		
	S16P - SCLCR/L 06	1139 1140	20	16	14.8	11	170		
●	A16M - SCLCR/L 09	1123 1124	20	16	14.8	11	150	CC09T3	
	A20P - SCLCR/L 09	1125 1126	25	20	18.3	13	170		
	A25R - SCLCR/L 09	1127 1128	32	25	23	17	200		
	A32S - SCLCR/L 09	1129 1130	40	32	30	22	250		
	S12K - SCLCR/L 09	1141 1142	16	12	11	9	125		
	S16P - SCLCR/L 09	1474 1143	20	16	14.8	11	170		
	X S20R - SCLCR/L 09	1144 1145	25	20	18.3	13	200		
●	S25S - SCLCR/L 09	1146 1147	32	25	23	17	250	CC1204	
	S32T - SCLCR/L 09	1148 1149	40	32	30	22	300		
	A25R - SCLCR/L 12	1131 1132	32	25	23	17	200		
	S25S - SCLCR/L 12	1150 1151	32	25	23	17	250		
X	S32T - SCLCR/L 12	1152 1153	40	32	30	22	300	CC09T3	
	S40U - SCLCR/L 12	1154 1155	50	40	37.5	27	350		
●	E08K - SCLCR/L 06	0325 1156	11	08	7.3	6	125	CC0602	
	E12Q - SCLCR/L 06	1157 1158	16	12	11	9	180		
	●	E16R - SCLCR/L 09	0329 1159	20	16	14.8	11	200	CC09T3
		E20S - SCLCR/L 09	1160 1161	24	20	18.3	13	250	



**..-SCLCR/L**  
Approach angle 95°



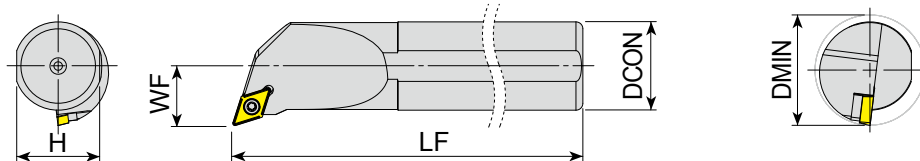
**E..-SCLCR/L**  
(Carbide Shank)  
Approach angle 95°

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..SC..	..06	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..12..09	Description	Y4015-M3.5x8	-	-	Y80-T15
		EDP	18000130	-	-	18000167
	..16~20..09	Description	Y4015-M3.5x9	-	-	Y80-T15
		EDP	18000131	-	-	18000167
	..25~32..09	Description	Y4015-M3.5x12	YAACN-2-0001	YAAV-08-M3.5x8	Y80-T15
		EDP	18000128	18000135	18000161	18000167
	..25~32..12	Description	Y4020-M4.5x12	YAACN-2-0003	YAAV-10-M4.5x8	Y80-T20
		EDP	18000134	18000136	18000162	18000168
	..40..12	Description	Y1020-M4.5x16	YAACN-2-0003	YAAV-07-M4.5x13	Y80-T20
		EDP	18000120	18000136	18000160	18000168
E..SC..	..06	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..09	Description	Y4015-M3.5x9	-	-	Y80-T15
		EDP	18000131	-	-	18000167

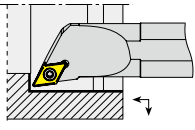
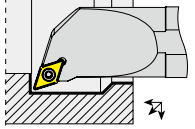
## Turning - Holder - Internal

### Screw on type for DC\*\* Insert

..SDQCR Shown



: p. 59 Unit: mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert	
		R	L							
 <b>..SDPCR/L</b> Approach angle 117.5°	S10K - SDPCR/L07	1162	1163	13	10	9	7	125	DC0702	
	S12K - SDPCR/L07	1164	1165	16	12	11	9	125		
	S16P - SDPCR/L11	1166	1167	20	16	14.8	11	170	DC11T3	
	S25S - SDPCR/L11	1170	1171	32	25	23	17	250		
 <b>..SDQCR/L</b> Approach angle 107.5°	A10H - SDQCR/L 07	1172	1173	13	10	9	7	100	DC0702	
	A12H - SDQCR/L 07	1174	1175	16	12	11	9	100		
	A16M - SDQCR/L 07	1176	1177	20	16	14.8	11	150		
	A20P - SDQCR/L 07	1178	1179	25	20	18.3	13	170		
	S10K - SDQCR/L 07	1188	1189	13	10	9	7	125		
	S12K - SDQCR/L 07	1190	1191	16	12	11	9	125		
	X	S16P - SDQCR/L 07	1192	1193	20	16	14.8	11	170	DC11T3
		S20R - SDQCR/L 07	1194	1195	25	20	18.3	13	200	
		A16M - SDQCR/L 11	1180	1181	20	16	14.8	11	150	
		A20P - SDQCR/L 11	1182	1183	25	20	18.3	13	170	
		A25R - SDQCR/L 11	1184	1185	32	25	23	17	200	
		A32S - SDQCR/L 11	1186	1187	40	32	30	22	250	
	S16P - SDQCR/L 11	1196	1197	20	16	14.8	11	170	DC11T3	
	S20R - SDQCR/L 11	1198	1199	25	20	18.3	13	200		
X	S25S - SDQCR/L 11	1200	1201	32	25	23	17	250		
	S32T - SDQCR/L 11	1202	1203	40	32	30	22	300		
	S40U - SDQCR/L 11	1204	1205	50	40	37.5	27	350		

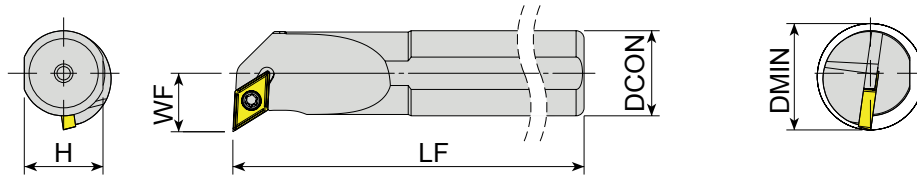
▶ NEXT PAGE

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..07	Description		Y4008-M2.5x6	-	-	Y80-T08
	EDP		18000127	-	-	18000165
..11	Description		Y4008-M2.5x6	-	-	Y80-T15
	EDP		18000127	-	-	18000167
..16..11	Description		Y4015-M3.5x9	-	-	Y80-T15
	EDP		18000131	-	-	18000167
..20..11	Description		Y4015-M3.5x11	-	-	Y80-T15
	EDP		18000118	-	-	18000167
..25..11	Description		Y4015-M3.5x12	YAADN-2-0001	YAAV-08-M3.5x8	Y80-T15
	EDP		18000128	18000140	18000162	18000167
..32..11	Description		Y4015-M3.5x14	YAADN-2-0001	YAAV-06-M3.5x11	Y80-T15
	EDP		18000129	18000140	18000159	18000162



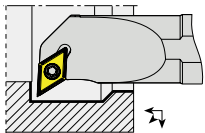
Turning - Holder - Internal

**Screw on type for DC\*\* Insert**

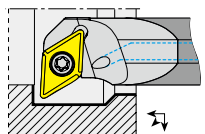


: p.59 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert		
●	A10H - SDUCR/L 07	1206 1207	13	10	9	8	100	DC0702		
	A12H - SDUCR/L 07	1208 1209	16	12	11	9	100			
	A16M - SDUCR/L 07	1210 1211	20	16	14.8	11	150			
	A20P - SDUCR/L 07	1212 1213	25	20	18.3	13	170			
	S10K - SDUCR/L 07	1222 1223	13	10	9	8	125			
	X S12K - SDUCR/L 07	1224 1225	16	12	11	9	125			
	X S16P - SDUCR/L 07	1226 1227	20	16	14.8	11	170			
	S20R - SDUCR/L 07	1228 1229	25	20	18.3	13	200			
	●	A16M - SDUCR/L 11	1214 1215	20	16	14.8	11		150	DC11T3
		A20P - SDUCR/L 11	1216 1217	25	20	18.3	13		170	
A25R - SDUCR/L 11		1218 1219	32	25	23	17	200			
A32S - SDUCR/L 11		1220 1221	40	32	30	22	250			
X S16P - SDUCR/L 11		1230 1231	20	16	14.8	11	170			
X S20R - SDUCR/L 11		1232 1233	25	20	18.3	13	200			
X S25S - SDUCR/L 11		1234 1235	32	25	23	17	250			
X S32T - SDUCR/L 11		1236 1237	40	32	30	22	300			
S40U - SDUCR/L 11		1238 1239	50	40	37.5	27	350			
S50V - SDUCR/L 11		- 1240	63	50	47	35	400			
●	E10M - SDUCR/L 07	1241 1242	13	10	9	8	150	DC0702		
	E12Q - SDUCR/L 07	1243 1244	16	12	11	9	180			
	● E16R - SDUCR/L 11	0339 1245	20	16	14.8	11	200	DC11T3		
	● E20S - SDUCR/L 11	1246 1247	23	20	18.3	12	250			



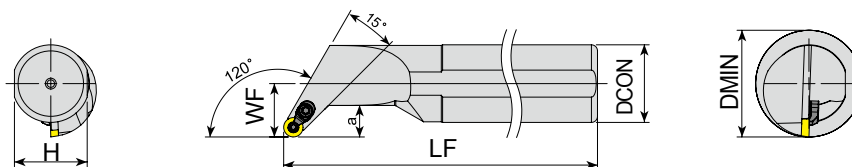
**..-SDUCR/L**  
Approach angle 93°



**E..-SDUCR/L**  
(Carbide Shank)  
Approach angle 93°

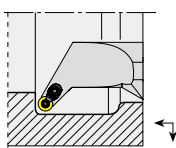
Series	Designation	Infomation	Screw	Shim	Shim Screw	Torx Key
..SD..	..07	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..16..11	Description	Y4015-M3.5x9	-	-	Y80-T15
		EDP	18000131	-	-	18000167
	..20..11	Description	Y4015-M3.5x11	-	-	Y80-T15
		EDP	18000118	-	-	18000167
..25..11	Description	Y4015-M3.5x12	YAADN-2-0001	YAAV-08-M3.5x8	Y80-T15	
	EDP	18000128	18000140	18000161	18000167	
..32..11	Description	Y4015-M3.5x14	YAADN-2-0001	YAAV-06-M3.5x11	Y80-T15	
	EDP	18000129	18000140	18000159	18000167	
E..SD..	..07	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..11	Description	Y4015-M3.5x9	-	-	Y80-T15
		EDP	18000131	-	-	18000167

# Screw on type for RC\*\* Insert



\* 'C' Letter at Last : Optional Clamp Included

: p.61 Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
 <b>..-SRGCR/L</b>	X S16P - SRGCR/L08	1248	-	22	16	14.8	11	170	RC0803
	S40U - SRGCR 08C	1254	-	54	40	37.5	27	350	
	● S32T - SRGCR/L08C	1253	-	44	32	30	22	300	
	S25S - SRGCR/L08C	1251	1252	34	25	23	17	250	

TURNING

PARTING & GROOVING

MILLING

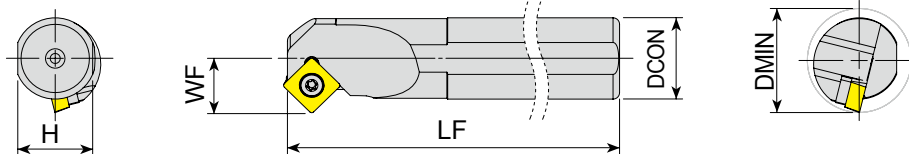
DRILLING

TECHNICAL INFORMATION

Series	Designation	Information	Screw	Clamp	Clamp Screw	Torx Key
..SR..	..08	Description	Y3008-M3x8	-	-	Y80-T08
		EDP	18000125			18000165
	..08C	Description	Y3008-M3x8	YACK-15	Y4015-M3.5x11	Y80-T08
		EDP	18000125	18000069	18000118	18000165

Turning - Holder - Internal

# Screw on type for SC\*\* Insert



: p. 63 Unit: mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 <b>.. - SSSCR/L</b> Approach angle 45°	S16P - SSSCR/L09	1255 1256	20	16	14.8	11	170	SC09T3
	S25S - SSSCR/L09	1259 1260	32	25	23	17	250	
	S25S - SSSCR/L12	1261 1262	32	25	23	17	250	SC1204
	S32T - SSSCR12	1263 -	40	32	30	22	300	

TURNING

PARTING & GROOVING

MILLING

DRILLING

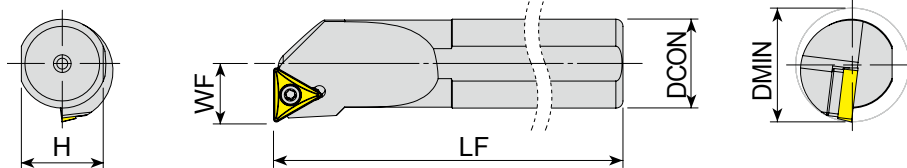
TECHNICAL INFORMATION

Series	Designation	Infomation	Screw	Shim	Shim Screw	Torx Key
..SS..	..16..09	Description	Y4015-M3.5x9	-	-	Y80-T15
		EDP	18000131			18000167
	..25..09	Description	Y4015-M3.5x12	YAASN-2-0001	YAAV-08-M3.5x8	Y80-T15
		EDP	18000128	18000143	18000161	18000167
	..25..12	Description	Y4020-M4.5x12	YAASN-2-0004	YAAV-10-M4.5x8	Y80-T20
		EDP	18000134	18000144	18000162	18000168
..32..12	Description	Y1020-M4.5x16	YAASN-2-0004	YAAV-10-M4.5x8	Y80-T20	
	EDP	18000120	18000144	18000162	18000168	

Turning - Holder - Internal

**Screw on type for TC\*\* Insert**

..STFCR Shown



□: p. 64 Unit:mm

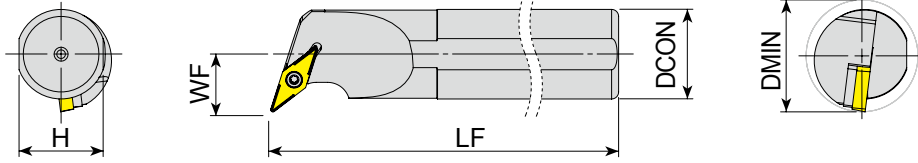
Series	Designation	EDP 2700.. R	L	DMIN	DCON	H	WF	LF	Insert	
 <b>..-STFCR/L</b> Approach angle 91°	X S12K - STFCR/L 11	1264	1265	17	12	11	9	125	TC1102	
	S16P - STFCR/L 11	1266	1267	20	16	14.8	11	170		
	S20R - STFCR/L 11	1268	1269	25	20	18.3	13	200		
	 <b>..-STUCR/L</b> Approach angle 93°	S16P - STFCR/L 16	1270	1271	20	16	14.8	11	170	TC16T3
		X S20R - STFCR/L 16	1272	1273	25	20	18.3	13	200	
		S25S - STFCR/L 16	1274	1275	32	25	23	17	250	
		S32T - STFCR/L 16	1276	1277	40	32	30	22	300	
S40U - STFCR/L 16		1278	-	50	40	37.5	27	350		
 <b>..-STUCR/L</b> Approach angle 93°		X S12K - STUCR/L 11	1279	1280	17	12	11	9	125	TC1102
		S16P - STUCR/L 11	1281	1282	20	16	14.8	11	170	
	S20R - STUCR/L 11	1283	1284	25	20	18.3	13	200		
	TC16T3	S16P - STUCR/L 16	1285	1286	20	16	14.8	11	170	
		X S20R - STUCR/L 16	1287	1288	25	20	18.3	13	200	
		S25S - STUCR/L 16	1289	1290	32	25	23	17	250	
		S32T - STUCR/L 16	1291	1292	40	32	30	22	300	
S40U - STUCR/L 16	1293	1294	50	40	37.5	27	350			

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..11	Description		Y4008-M2.5x6	-	-	Y80-T08
	EDP		18000127	-	-	18000165
..12~20..11	Description		Y4008-M2.5x6	-	-	Y80-T08
	EDP		18000127	-	-	18000165
..16..16	Description		Y4015-M3.5x9	-	-	Y80-T15
	EDP		18000131	-	-	18000167
..20..16	Description		Y4015-M3.5x11	-	-	Y80-T15
	EDP		18000118	-	-	18000167
..25..16	Description		Y4015-M3.5x14	YAATN-2-0001	YAAV-08-M3.5x8	Y80-T15
	EDP		18000129	18000146	18000161	18000167
..32~40..16	Description		Y4015-M3.5x14	YAATN-2-0001	YAAV-06-M3.5x11	Y80-T15
	EDP		18000129	18000146	18000159	18000167

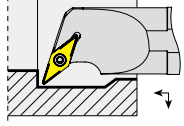
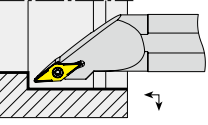
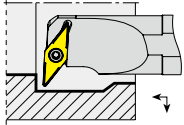
Turning - Holder - Internal

**Screw on type for VB\*\* Insert**

..STFCR Shown



: p.66 Unit:mm

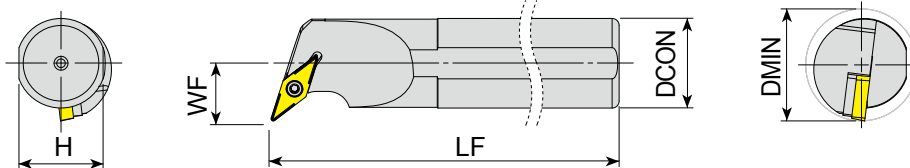
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 <b>..-SVQBR/L</b> Approach angle 107.5°	● A20Q - SVQBR/L 16	1299 1300	30	20	18.3	20	180	VB1604
	● A25S - SVQBR/L 16	1301 1302	32	25	23	17	250	
	A32S - SVQBR/L 16	1303 1304	40	32	30	22	250	
	X S25S - SVQBR/L 16	1305 1306	32	25	23	17	250	
	X S32T - SVQBR/L 16	1307 1308	40	32	30	22	300	
	S40U - SVQBR/L 16	1309 1310	50	40	37.5	27	350	
 <b>..-SVJBR/L</b> Approach angle 93°	X S25S - SVJBR/L 16	1295 1296	32	25	23	17	250	VB1604
	X S32T - SVJBR/L 16	1297 1298	40	32	30	22	300	
 <b>..-SVUBR/L</b> Approach angle 93°	● A20Q - SVUBR/L 16	1311 -	30	20	18.3	20	180	VB1604
	● A32S - SVUBR/L 16	1312 1313	40	32	30	22	250	
	S25S - SVUBR/L 16	1314 1315	32	25	23	19	250	
	X S32T - SVUBR/L 16	1316 1317	40	32	30	22	300	
	S40U - SVUBR/L 16	1318 1319	50	40	37.5	27	350	

Series	Designation	Infomation	Screw	Shim	Shim Screw	Torx Key
..20..16	Description		Y4015-M3.5x11	-	-	Y80-T15
	EDP		18000118	-	-	18000167
A - ..25..16	Description		Y4015-M3.5x14	YAAVN-2-0002	YAAV-06-M3.5x11	Y80-T15
	EDP		18000129	18000150	18000159	18000167
S - ..25..16	Description		Y4015-M3.5x14	YAAVN-2-0002	YAAV-08-M3.5x8	Y80-T15
	EDP		18000129	18000150	18000161	18000167
..32~40..16	Description		Y4015-M3.5x14	YAAVN-2-0002	YAAV-06-M3.5x11	Y80-T15
	EDP		18000129	18000150	18000159	18000167
..16	Description		Y4015-M3.5x12	YAAVN-2-0002	YAAV-08-M3.5x8	Y80-T15
	EDP		18000128	18000150	18000161	18000167
..25~40..16	Description		Y4015-M3.5x14	YAAVN-2-0002	YAAV-06-M3.5x11	Y80-T15
	EDP		18000129	18000150	18000159	18000167

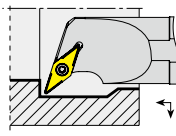
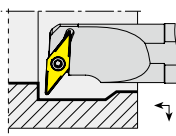
Turning - Holder - Internal

**Screw on type for VC\*\* Insert**

..SVQCR Shown



: p.67 Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert	
		R	L							
 <p><b>..SVQCR/L</b> Approach angle 107.5°</p>		S25S - SVQCR/L 16	1320	1321	32	25	23	17	250	VC1604
	X	S32T - SVQCR/L 16	1322	1323	40	32	30	22	300	
		S40U - SVQCR/L 16	1324	1325	50	40	37.5	27	350	
 <p><b>..SVUCR/L</b> Approach angle 93°</p>	X	S16P - SVUCR/L11	1495	1496	20	16	14.8	12.5	170	VC1103
		S20R - SVUCR/L11	1497	1498	25	20	18.3	13	200	
	●	A25R - SVUCR/L 16	1326	-	32	25	23	19	200	VC1604
		S25S - SVUCR/L 16	1327	1328	32	25	23	19	250	
	X	S32T - SVUCR/L 16	1329	1330	40	32	30	22	300	
		S40U - SVUCR/L 16	1331	1332	50	40	37.5	27	350	

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..11	Description		Y4008-M2.5x6	-	-	Y80-T08
	EDP		18000127	-	-	18000165
..16	Description		Y4015-M3.5x14	YAAVN-2-0002	YAAV-06-M3.5x11	Y80-T15
	EDP		18000129	18000150	18000159	18000167
..25..16	Description		Y4015-M3.5x14	YAAVN-2-0002	YAAV-08-M3.5x8	Y80-T15
	EDP		18000129	18000150	18000161	18000167
..32~40..16	Description		Y4015-M3.5x14	YAAVN-2-0002	YAAV-06-M3.5x11	Y80-T15
	EDP		18000129	18000150	18000159	18000167