



# INDEXABLE INSERTS



TURNING



PARTING  
GROOVING



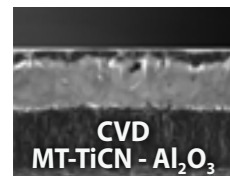
**YGTURN**  
**YG3115** NEW

First choice grade for high cutting speed in Steels



**YGTURN**  
**YG2025** NEW

High Cutting Speed for Stainless steels

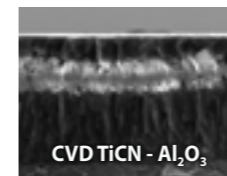
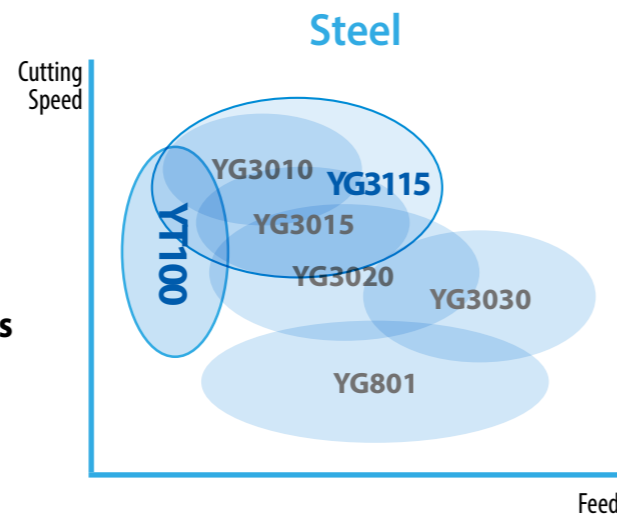


**YG3115**

P10 - P25

**First choice grade for high cutting speed in Steels**

- Suitable for mass production due to stable and predictable tool life
- Minimizing built up edge due to new post surface treatment in mild steels, low carbon steel and low carbon alloy steel.
- Best choice for both continuous as well as interrupted cuts

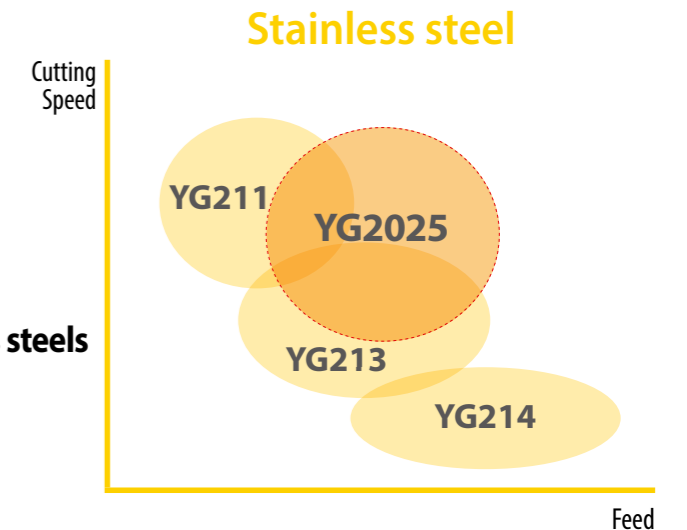


**YG2025**

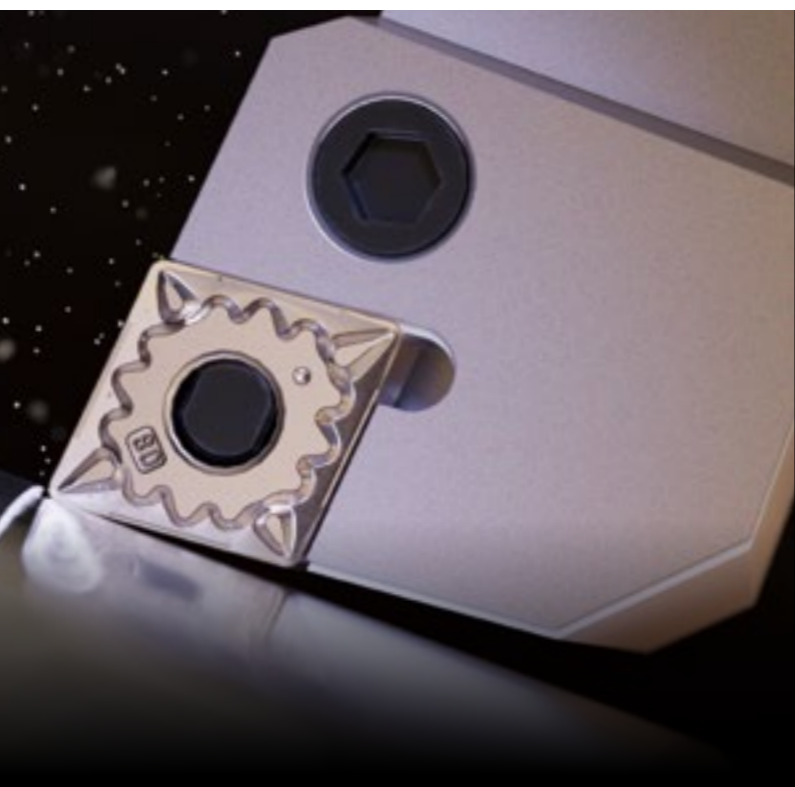
M15 - M35

**CVD grade for High Cutting Speed for Stainless steels**

- Utilizing a new carbide substrate and new coating
- Excellent combination of wear resistance and chipping resistance
- Minimized built up edge due to post surface treatment



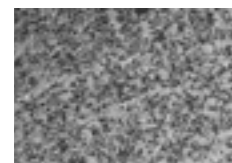
## YG TURN YT100 NEW Cermet Turning Grade



## YG TURN UT, UH NEW Single sided inserts for heavy turning



### Grades



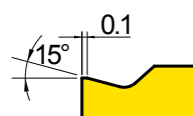
<Micro structure>

**YT100** P10 - P20 M10 - M20 K10 - K20

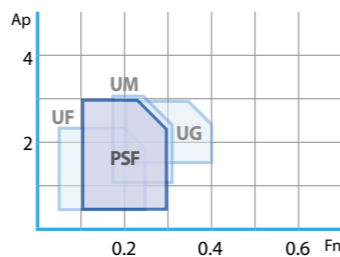
- Enhanced wear resistance & chipping resistance
- Excellent fracture resistance
- Superior surface finish with special edge preparation

### Chipbreakers

**PSF**



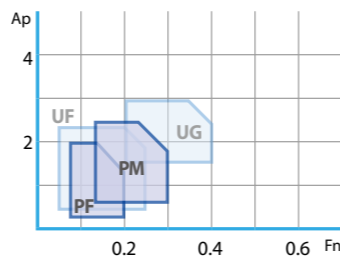
- For negative chip breaker insert
- 3 dimensional chip breakers give low cutting force
- For semi-finishing to semi-medium



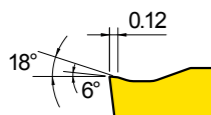
**PF**



- For positive chip breaker insert
- Excellent chip breaking at small depth of cut and low feed rate
- Good for low carbon contents steel in Finishing



**PM**



- For positive chip breaker insert
- High positive rake angle
- Good for low carbon contents steel
- For medium

### Chipbreakers



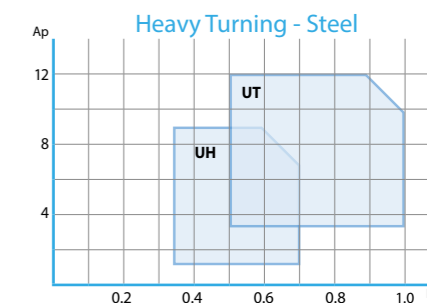
**UH**

Low cutting force

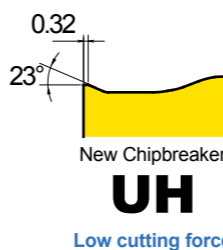


**UT**

Heavy roughing

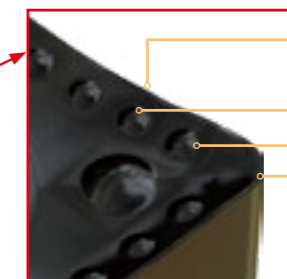
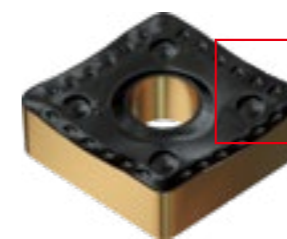


### Features

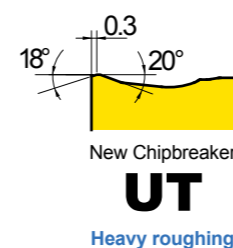


**UH**

Low cutting force

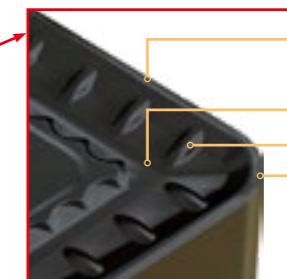


- 1 Reduce cutting force due to the helix angle on the cutting edge
- 2 The central dot helps chip breaking to be efficient
- 3 Decoration dot reduces friction area and helps heat release
- 4 Insert corner radius range available from 1.2mm to 2.4mm

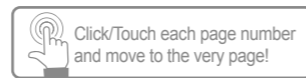




**UT**

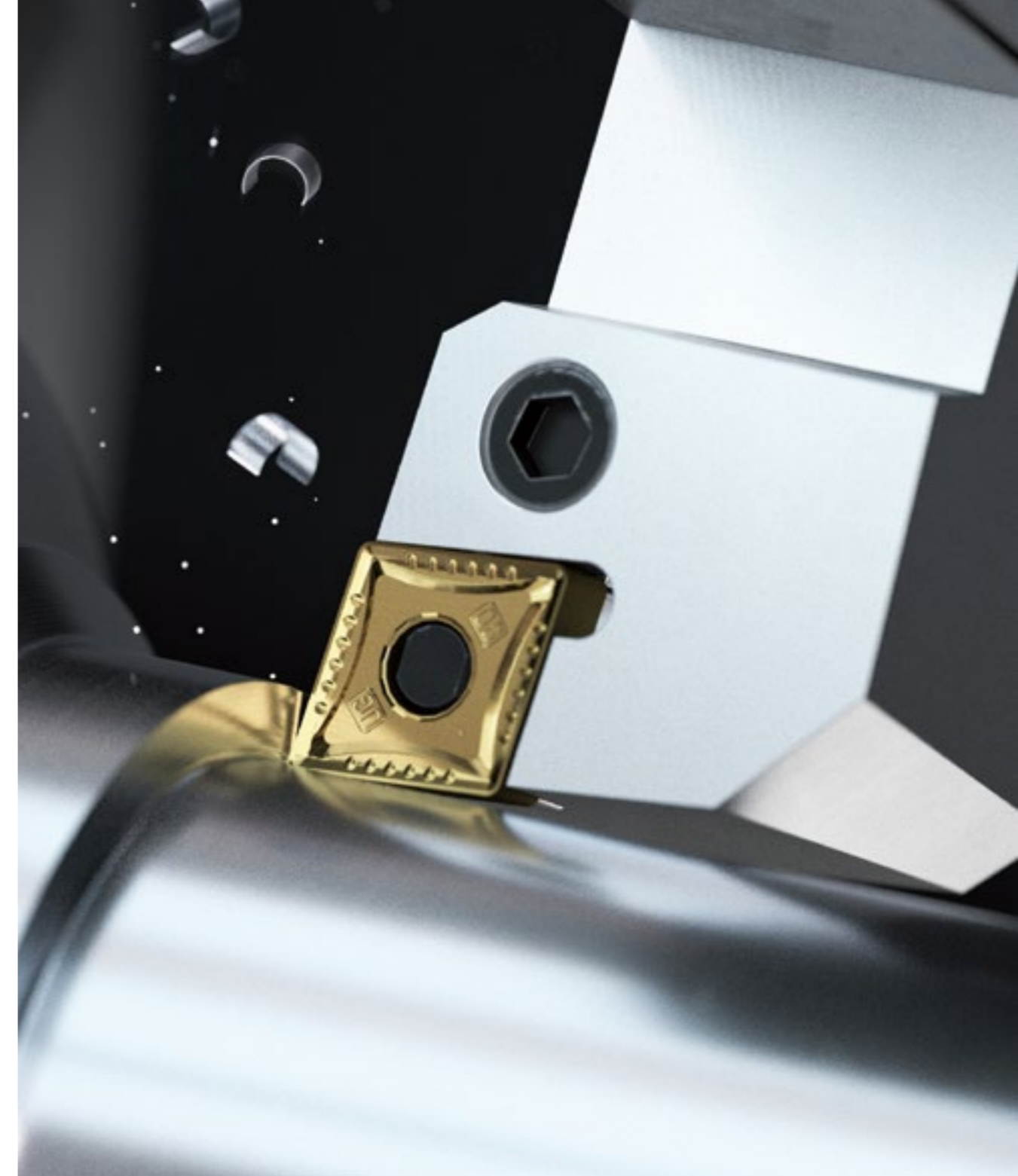
Heavy roughing



- 1 Reinforced edge type with high rigidity and is suitable for irregular surface cutting
- 2 Chip breaker is formed widely, suitable for heavy roughing application
- 3 Decoration dot reduces friction area and helps heat release
- 4 Insert corner radius range available from 1.2mm to 2.4mm



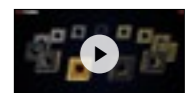
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# ISO TURNING

- Product Overview**
- Application Guide**
- Turning Inserts Overview**
- Turning Inserts**
- Turning Holders Overview**
- Turning Holders**

Click this QR code!!

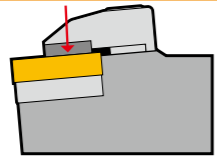
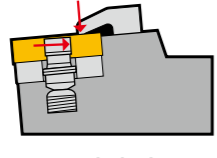
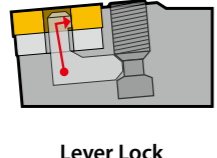
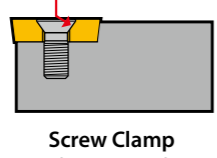



Scan this QR code to see our Turning Grades at work.

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

**2, 4 - Insert Compatibility \***



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

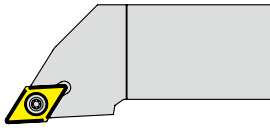
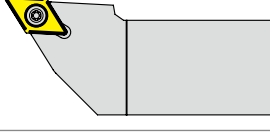
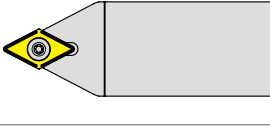
**3 - Tool Style**

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 (Both Direction)</b> 	
107.5°		<b>H</b> 	

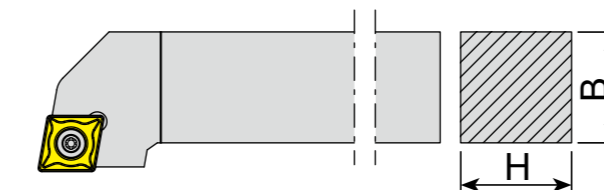
**External Turning Holder Code**

1	2	3	4	5	6	7	8	9
<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 

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



**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

**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

**(10 - Optional Clamp)**

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

**Internal Turning Holder Code**

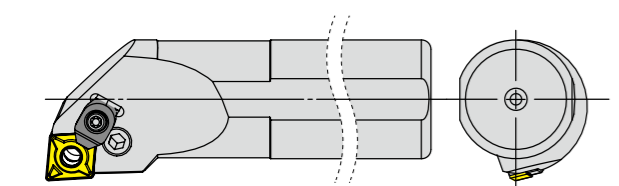
\*Metric

1	2	3	4	5	6	7	8	9	10	
<b>A</b>	<b>32</b>	<b>S</b>	<b>-</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>

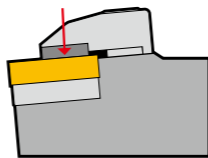
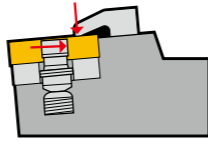
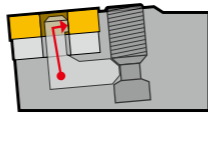
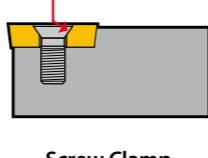

**2 - Shank Diameter (DCON)**



**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**

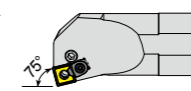
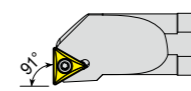
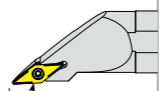
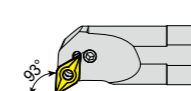
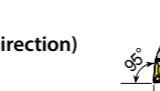
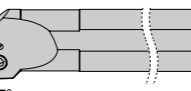
Symbol	System
<b>C</b>	 <b>Top Clamp</b> (No Clamping Hole Insert)
<b>M</b>	 <b>Multi lock</b> (Straight Clamping Hole Insert)
<b>P</b>	 <b>Lever Lock</b> (Straight Clamping Hole Insert)
<b>S</b>	 <b>Screw Clamp</b> (Screw Clamping Hole Insert)
<b>T</b> <b>(D, A)</b>	 <b>Double Clamp</b> (Straight Clamping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

**Internal Turning Holder Code**

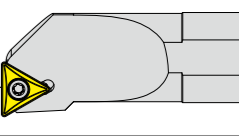
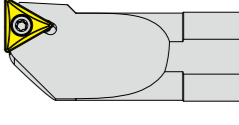
\*Metric

1	2	3	4	5	6	7	8	9	
<b>A</b>	<b>25</b>	<b>R</b>	<b>-</b>	<b>S</b>	<b>C</b>	<b>L</b>	<b>C</b>	<b>R</b>	<b>09</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	

**6 - Tool Style**

Approach Angle (KA/PR)	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>TWLNr 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

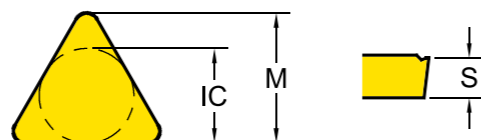
1	2	3	4	5	6	7	8	9
<b>C</b>	<b>N</b>	<b>M</b>	<b>G</b>	<b>12</b>	<b>04</b>	<b>08</b>	<b>-UG</b>	<b>YG3115</b>
Shape	Clearance	Tolerance	Clamping & Chipbreaker	Insert Size	Insert Thickness	Corner Radius	Chipbreaker Geometry	Grade

### 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	

### 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	



### 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	

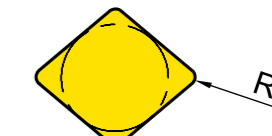
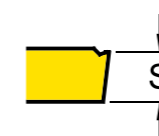
## Insert ISO Code System

\*Inch

1	2	3	4	5	6	7	8	9
<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

1	2	3	4	5	(6)
<b>YG</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>(G)</b>
YG Brand	Workpiece Material	Grade Version	Application Range (1st Digit)	Application Range (2nd Digit)	Minor Variation
Carbide CVD (4 Digits)	●	●	●	●	<b>YG3115</b>
Carbide PVD (3 Digits)	●	●	●		<b>YG211</b>
Carbide Uncoated (2 Digits)	●	●			<b>YG10</b>

### 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>		●		

### 3 - Grade Version

### 4 & 5 - Application Range

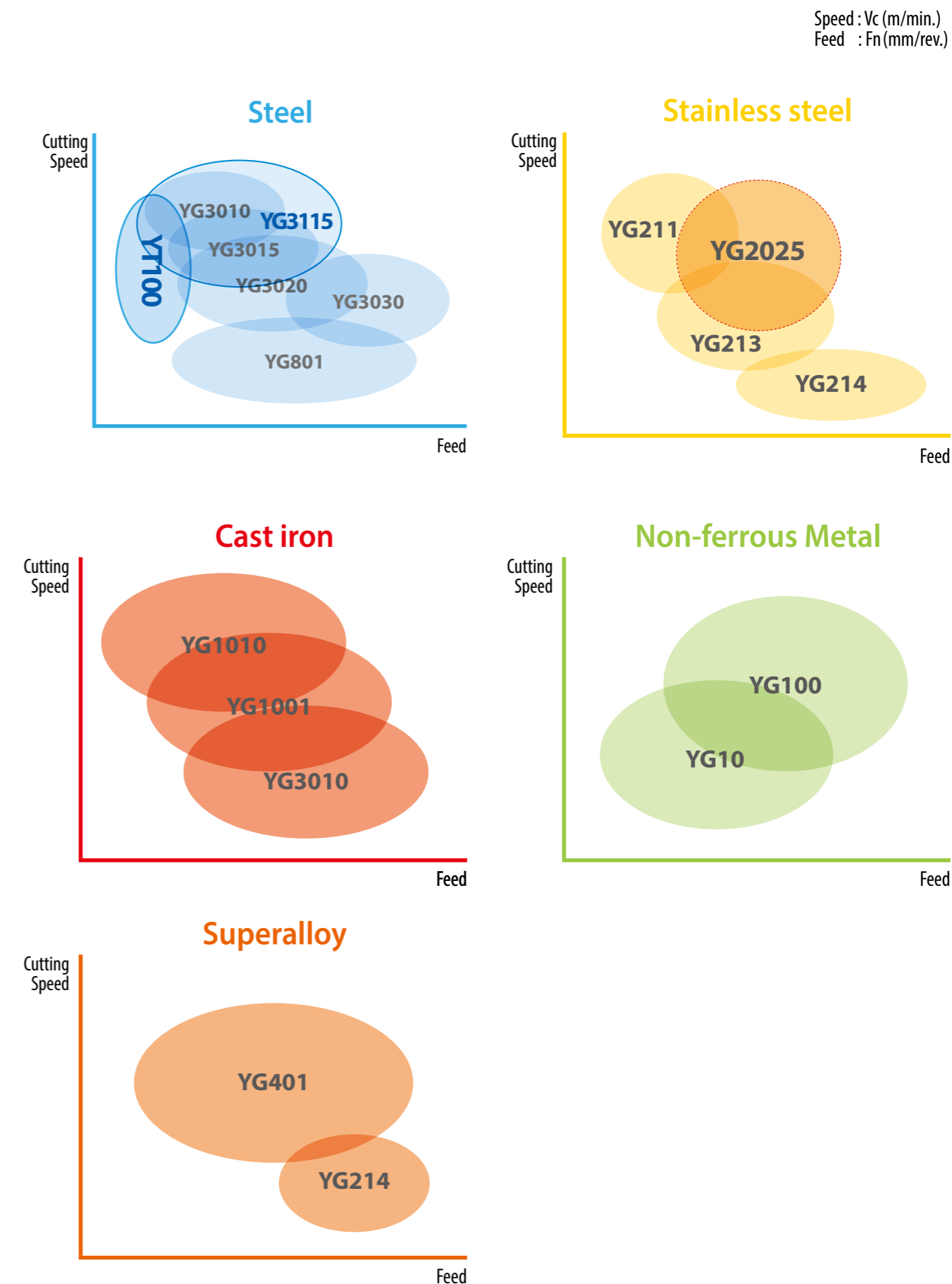
Symbol	Description
<b>05</b>	<b>Stable</b> Wear Resistant Grade Stable Application Continuous Cut Finishing
<b>10</b>	
<b>15</b>	
<b>20</b>	<b>General</b> Balanced Grade High Versatility General Application
<b>25</b>	
<b>30</b>	
<b>35</b>	<b>Unstable</b> Tougher Grade Unstable Application Interrupted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

### (6) - (Minor Variation)

G - Gold Coated Version

## Product Overview

## Turning Grades Map





Product Overview  
**Turning Grades**

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											
PVD	YG2025					2025								
	YG801		801											
	YG211					211								
	YG213						213							
	YG214							214					214	
Cermet	YG401												401	
	YT100		YT100			YT100		YT100						
DLC	YG100										100			
	YG10										10			

<b>YG1010</b> K05 - K15		<b>First Choice for Cast Iron</b> • Effective coating structure enables high speed machining • Special post treatment for improved chipping resistance
<b>YG1001</b> P01 - P10 K10 - K25		<b>Stable Machining of Cast Iron</b> • Substrate especially designed for high wear resistance • Thick Al <sub>2</sub> O <sub>3</sub> layer ensures good wear resistance at high cutting speeds including dry machining
<b>YG3010</b> P05 - P20 K15 - K35		<b>First choice for Finishing Steels, and Ductile Cast iron</b> • Finishing and light machining of steel under in stable condition • New Al <sub>2</sub> O <sub>3</sub> coating technology and excellent surface smoothness increase wear resistance and chipping resistance
<b>YG3015</b> P10 - P25		<b>Balanced Productivity for Continuous cut</b> • High wear resistance and improved toughness ensures high productivity with less trouble
<b>NEW YG3115</b> P15 - P25		<b>First choice grade for high cutting speed in Steels</b> • Suitable for mass production due to stable and predictable tool life • Minimizing built up edge due to new post surface treatment in mild steels, low carbon steel and low carbon alloy steel. • Best choice for both continuous as well as interrupted cuts

Product Overview  
**Turning Grades**

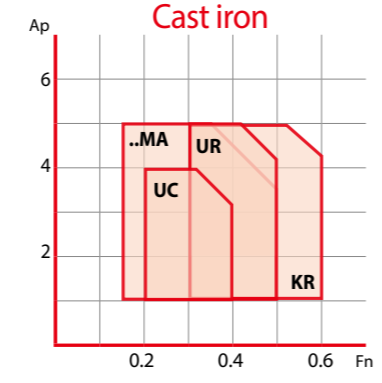
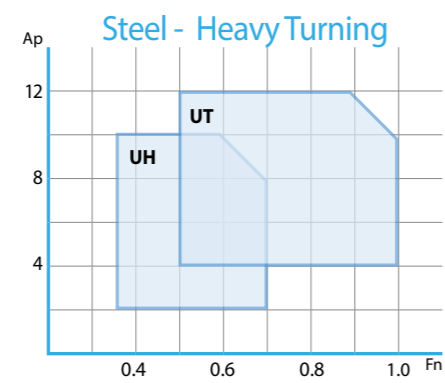
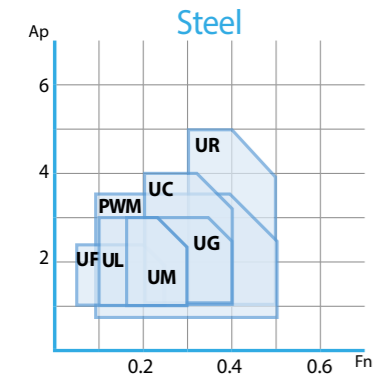
<b>YG3020</b> P15 - P30		<b>First Choice Grade for General Steel Application</b> • Substrate especially designed for good toughness • Excellent surface smoothness increases wear resistance and reliability
<b>YG3030</b> P20 - P35		<b>Interrupted Cutting of Steel and Stainless steel</b> • Substrate for heavy roughing in mild steel and low carbon alloy steel • New Al <sub>2</sub> O <sub>3</sub> technology and optimized surface treatment achieves a good balance between wear resistance and chipping resistance
<b>YG801</b> P10 - P30		<b>for Carbon Steel with Low Cutting Speed</b> • Recommended for mild steel and boring application • Substrate and special PVD coating for excellent wear resistance
<b>NEW YG2025</b> M15 - M35		<b>CVD grade for High Cutting Speed for Stainless steel</b> • Utilizing a new carbide substrate and new coating • Excellent combination of wear resistance and chipping resistance • Minimized built up edge due to post surface treatment
<b>YG211</b> M05 - M25		<b>High wear Resistance Grade for Stainless steel</b> • Finishing Stainless steel
<b>YG213</b> M20 - M35		<b>First Choice Grade on Low Cutting Speed of Stainless steel</b> • First choice on Stainless steel for Low cutting speed • For Medium to low cutting speed
<b>YG214</b> M30 - M40 S25 - S30		<b>Heavy Interrupted cut for Stainless steel</b> • For Heavy Interrupted cut on Stainless steel • Minimize risk of Mechanical fracture or Chipping
<b>YG401</b> S10 - S20		<b>PVD Turning Grade for HRSA</b> • Highly heat-resistant TiAlSiN structure for excellent wear resistance • Greatly improved film coating realizes excellent boundary defect resistance • Top coating layer provides a smooth surface and lubricant effect
<b>NEW YT100</b> P10 - P20 M10 - M20 K10 - K20		<b>New Generation Cermet Grade</b> • Enhanced wear resistance & chipping resistance • Excellent fracture resistance • Superior surface finish with special edge preparation
<b>YG100</b> N05 - N25		<b>First Choice Grade for Aluminum with DLC Coating</b> • Submicron carbide for high wear resistance • DLC coating minimizes Built Up Edge tendency. • Improve tool life in sticky non-ferrous alloy
<b>YG10</b> N05 - N25		<b>Uncoated Grade for General Aluminum</b> • Substrate consisted of submicron carbide for high wear resistance • Shining surface to prevent built up edge

## 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
P					UF	Finishing 16° Fn: 0.05~0.25 Ap: 1.0~2.5						
P					UL	Semi Finishing and sticky materials 27° 18° 0.1 Fn: 0.1~0.3 Ap: 1.0~3.0						
P					UM	Medium & Unstable conditions 0.13 16° Fn: 0.15~0.3 Ap: 1.0~3.0						
P					UG	First Choice for Medium (Stable conditions) 20° 6° 0.23 Fn: 0.2~0.4 Ap: 1.0~3.0						
P					<b>NEW</b> PWM	Wiper-Medium 0.18 5° 18° Fn: 0.1~0.5 Ap: 0.8~3.5						
P					<b>NEW</b> UH	Low cutting force 0.32 23° Fn: 0.35~0.7 Ap: 2.0~9.0						
P					<b>NEW</b> UT	Heavy roughing 18° 0.3 20° Fn: 0.5~1.0 Ap: 4.0~12.0						
P		K			UC	Medium Roughing and First choice for Cast iron 14° 0.2 Fn: 0.2~0.4 Ap: 1.0~4.0						
P		K			UR	Roughing and Heavy interrupted cut 0.35 17° Fn: 0.3~0.5 Ap: 1.0~5.0						
		K			..MA	Cast iron Heavy Roughing Fn: 0.15~0.50 Ap: 1.0~5.0						

Depth of Cut Ap (mm)

Ap : mm  
Fn : mm/rev.



\*Insert : CNMG120408

\*Insert : CNMM190616

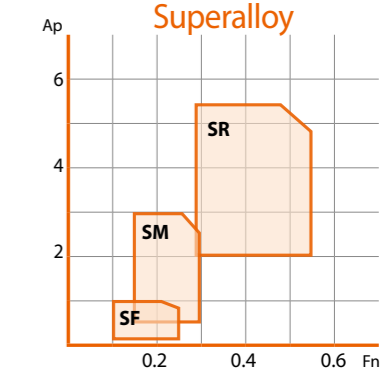
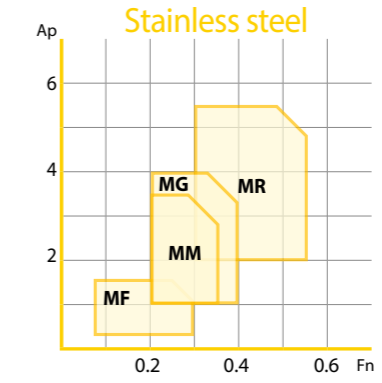
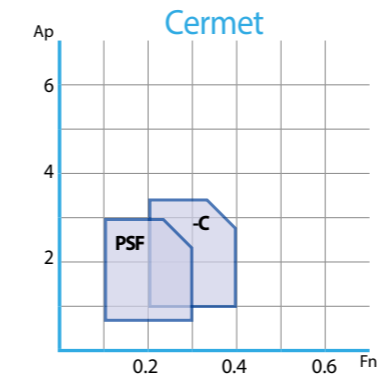
\*Insert : CNMG120408

## 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
		K			KR	Cast Iron Heavy Roughing 19° 0.50 Fn: 0.3~0.6 Ap: 1.0~5.0						
	M			S	MF	Stainless steel Finishing 18° Fn: 0.07~0.30 Ap: 0.2~1.5						
	P	M		S	MM	Stainless steel Medium and Low Carbon Steel 19° 18° 0.17 Fn: 0.20~0.35 Ap: 1.0~3.5						
	M			S	MG	Stainless steel General 10° 0.27 Fn: 0.20~0.40 Ap: 1.0~4.0						
	M			S	MR	Stainless steel Roughing 8° 0.40 Fn: 0.30~0.55 Ap: 2.0~5.5						
				S	SF	HRSA Finishing 20° Fn: 0.1~0.25 Ap: 0.2~1.0						
				S	SM	HRSA Medium 15° Fn: 0.15~0.30 Ap: 0.5~3.0						
				S	SR	Roughing for HRSA 8° 0.40 Fn: 0.30~0.55 Ap: 2.0~5.5						
	P	M	K		<b>NEW</b> PSF	Cermet Finishing 15° 0.1 Fn: 0.10~0.30 Ap: 0.6~3.0						
	P	M	K		<b>NEW</b> -C	Cermet Medium 14° 0.2 Fn: 0.20~0.40 Ap: 1.0~3.5						

Depth of Cut Ap (mm)

Ap : mm  
Fn : mm/rev.



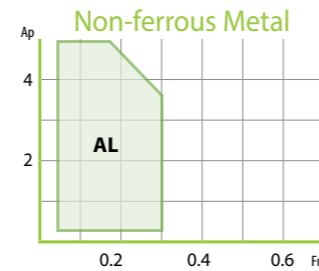
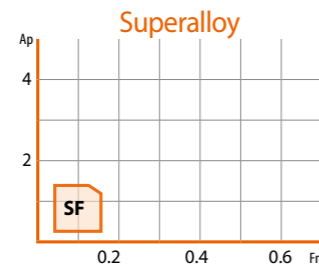
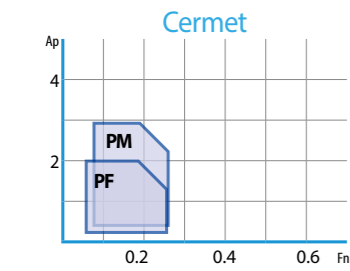
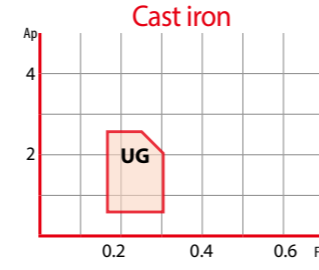
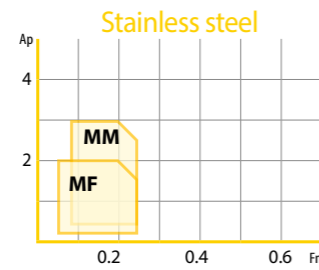
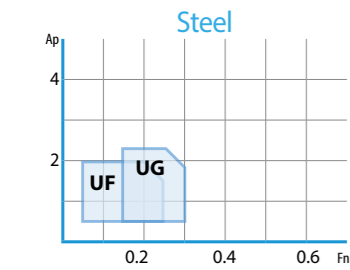
\*Insert : CNMG120408 / TNGG160408

\*Insert : CNMG120408

\*Insert : CNMG120408

**Turning Chipbreakers - Positive**

P	M	K	N	S	Material	Application	Feed	
							Fn (mm/rev.)	Ap (mm)
			N		AL	Aluminum application 28°	0.02~0.30	0.1~5.0
P	M				UF	Finishing application 10°	0.05~0.25	0.5~2.0
P		K			UG	Medium application 0.15	0.15~0.30	0.5~2.5
	M				NEW MF	Stainless steel Finishing 6°	0.06~0.25	0.1~2.0
	M				NEW MM	Stainless steel Medium 18°/6°/0.12	0.08~0.25	0.25~3.0
	M				NEW SF	HRSA Finishing 18°	0.03~0.20	0.1~2.5
P	M	K			NEW PF	Cermet Finishing 6°	0.06~0.25	0.1~2.0
P	M	K			NEW PM	Cermet Medium 18°/6°/0.12	0.08~0.25	0.25~3.0



\*Insert : CCMT09T304

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

**Turning Inserts Overview**

**Negative Inserts**

Recommended Cutting Conditions : p.222

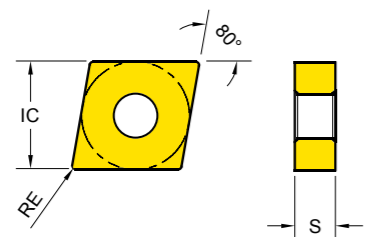
Shape	Series	Size & Thickness				Page	
		0903	0904	1204	1606 1906		
C	CNMA			1204	1606 1906	30	
	CNMG	0903	0904	1204	1606 1906		
	CNGG			1204			
	CNMM			1204	1606 1906		
D	DNMA			1504 1506		35	
	DNMG		1104	1504 1506			
	DNGG			1504 1506			
	DNMM			1506			
	DNUX			1504 1506		40	
K	KNUX				1604	41	
S	SNMA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

**Positive Inserts**

Shape	Series	Size & Thickness				Page
		0602	0702	0803 10T3	1204	
C	CCGT	0602		09T3	1204	57
	CCMT	0602		09T3	1204	
D	DCGT		0702		11T3	59
	DCMT		0702		11T3	
R	RCMT	0602	0803	10T3	1204	61
	RCMX					1606 2006
S	SCGT			09T3		63
	SCMT			09T3	1204	
T	TCGT			1102	16T3	64
	TCMT			1102	16T3	
V	VBGT / VBMT			1103	1604	66
	VCGT / VCMT			1103	1604	67



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

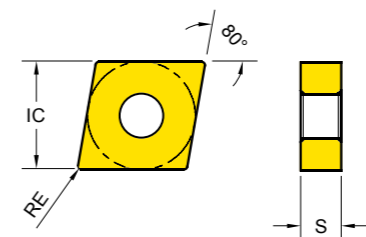


Series	IC	S
CN** 0903	9.525	3.18
CN** 0904	9.525	4.76
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35

EDP 2200.. ● : Stock item ○ : Order made item

CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..																
					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>-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	CNMG 120404 - 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 Inserts - Negative CNGG / CNMG (80° Rhombic)

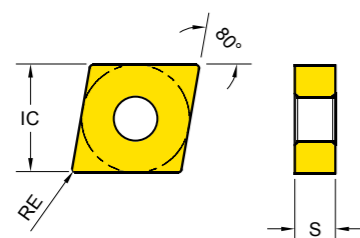


Series	IC	S
CN** 0903	9.525	3.18
CN** 0904	9.525	4.76
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35

EDP 2200.. ● : Stock item ○ : Order made item

CNGG CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..																
					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>-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 Inserts - Negative CNMG / CNMM - Heavy Turning (80° Rhombic)

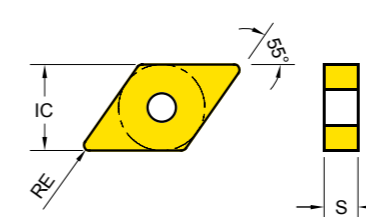


Series	IC	S
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35
CN** 2509	25.400	9.52

EDP 2200.. ● : Stock item ○ : Order made item

CNMG CNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
<b>NEW</b> - UH Low cutting force	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														●	●	
	CNMM 160616 - UH	1.6	0.35~0.60	2.5~5.5														●	●	
	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	●	●					●	●								
- UR Roughing	CNMM 190616 - UR	1.6	0.30~0.80	3.0~9.0														●	●	
	CNMG 250924 - UR	2.4	0.40~1.00	5.0~12.0					●	●	●									
<b>NEW</b> - UT Heavy Roughing	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														●	●	
	CNMM 160616 - UT	1.6	0.45~0.70	2.5~6.0														●	●	
	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	●	●					●	●								

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

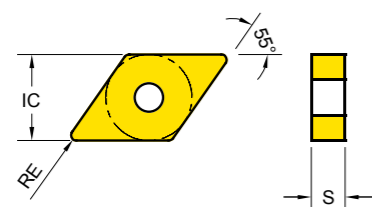


Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200.. ● : Stock item ○ : Order made item

DNMA DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..																	
					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			○		●	●	●											

Turning Inserts - Negative  
DNMG (55° Rhombic)

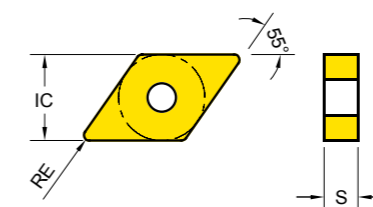


Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200.. ● : Stock item ○ : Order made item

DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	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															
-UM Medium Machining Unstable condition	DNMG 150404 - UM	0.4	0.15~0.30	0.5~3.0	○	○	○	●	●	●																													
	DNMG 150408 - UM	0.8	0.15~0.30	1.0~3.0	○	○	○	●	●	●																													
	DNMG 150412 - UM	1.2	0.15~0.30	1.5~3.0	○	○	○	●	●	●																													
	DNMG 150604 - UM	0.4	0.15~0.30	0.5~3.0	○	○	○	●	●	●																													
	DNMG 150608 - UM	0.8	0.15~0.30	1.0~3.0	○	○	○	●	●	●																													
	DNMG 150612 - UM	1.2	0.15~0.30	1.5~3.0	○	○	○	●	●	●																													
	DNMG 150404 - UG	0.4	0.20~0.40	0.5~3.0	●	○	○	●	●	●																													
-UG Medium Machining at stable condition	DNMG 150408 - UG	0.8	0.20~0.40	1.0~3.0	●	○	○	●	●	●																													
	DNMG 150412 - UG	1.2	0.20~0.40	1.5~3.0	●	○	○	●	●	●																													
	DNMG 150604 - UG	0.4	0.20~0.40	0.5~3.0	●	○	○	●	●	●																													
	DNMG 150608 - UG	0.8	0.20~0.40	1.0~3.0	●	○	○	●	●	●																													
	DNMG 150612 - UG	1.2	0.20~0.40	1.5~3.0	●	○	○	●	●	●																													
	DNMG 150408 - UC	0.8	0.20~0.40	1.0~4.0	●	○	○	●	●	●																													
	DNMG 150412 - UC	1.2	0.20~0.40	1.5~4.0	●	○	○	●	●	●																													
-UC Cast iron and Medium roughing	DNMG 150608 - UC	0.8	0.20~0.40	1.0~4.0	●	○	○	●	●	●																													
	DNMG 150612 - UC	1.2	0.20~0.40	1.5~4.0	●	○	○	●	●	●																													
	DNMG 150408 - UR	0.8	0.30~0.50	1.0~5.0	●	○	○	●	●	●																													
-UR Roughing	DNMG 150412 - UR	1.2	0.30~0.50	1.5~5.0	●	○	○	●	●	●																													
	DNMG 150608 - UR	0.8	0.30~0.50	1.0~5.0	●	○	○	●	●	●																													
	DNMG 150612 - UR	1.2	0.30~0.50	1.5~5.0	●	○	○	●	●	●																													

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

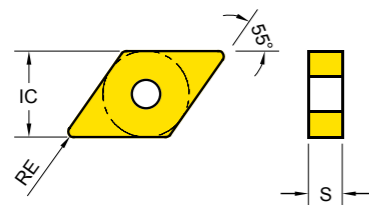
DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20		
																					K20	K30	S30	K15															
-MF Stainless steel Finishing	DNMG 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																																			
-MM 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 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																																			
-MG 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																																			
-MR Stainless steel Roughing	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																																			
	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																																			
-MR	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 DNUX (4 Corners 55° Rhombic)

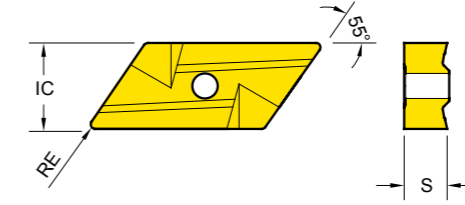
## Turning Inserts - Negative KNUX (2 Corners 55° Parallelogram)



Series	IC	S
DNUX 1504	12.7	4.76
DNUX 1506	12.7	6.35

EDP 2200.. ● : Stock item ○ : Order made item

DNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
<b>NEW</b> ..UX 	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		○	●	●	●											
<b>NEW</b> ..UX 	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		○	●	●	●					●	●					

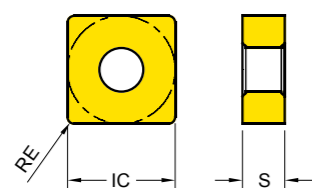


Series	IC	S
KN** 1604	9.525	4.76

EDP 2200.. ● : Stock item ○ : Order made item

KNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
<b>NEW</b> ..UX 	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		○	●	●	●	○										
<b>NEW</b> ..UX 	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)



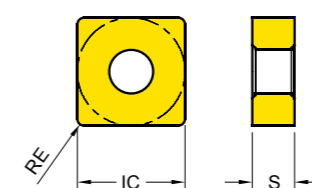
Series	IC	S
SN** 0903	9.525	3.18
SN** 1204	12.700	4.76
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35

EDP 2200.. ● : Stock item ○ : Order made item

K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
K20	K30										S30		K15			

SNMA SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10		
..MA  Cast iron	SNMA 120408	0.8	0.15~0.50	1.0~5.0	●	○	○															
	SNMA 120412	1.2	0.15~0.50	1.5~5.0	●	○	○															
	SNMA 120416	1.2	0.15~0.70	1.0~6.0	●																	
	SNMA 150612	1.2	0.15~0.50	1.5~5.0	●	○	○															
	SNMA 190616	1.6	0.15~1.00	3.0~10.0	●	○	○															
-UF  Finishing	SNMG 090308 - UF	0.8	0.05~0.20	1.0~2.0					●	●												
	SNMG 120404 - UF	0.4	0.05~0.25	0.5~1.5		○			●	●	●	○										
	SNMG 120408 - UF	0.8	0.05~0.25	1.0~2.5		○			●	●	●											
-UL  Light Machining and Sticky Material	SNMG 120404 - UL	0.4	0.10~0.30	0.5~3.0		○			●	●	●											
	SNMG 120408 - UL	0.8	0.10~0.30	1.0~3.0		○			●	●	●											
-UM  Medium Machining Unstable condition	SNMG 120408 - UM	0.8	0.15~0.30	1.0~3.0		○	○		●	●	●											

Turning Inserts - Negative  
SNMG (90° Square)



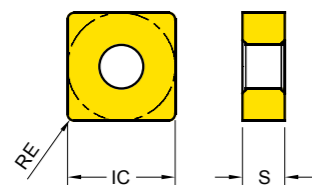
Series	IC	S
SN** 0903	9.525	3.18
SN** 1204	12.700	4.76
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35

EDP 2200.. ● : Stock item ○ : Order made item

K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
K20	K30										S30		K15			

SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
-UG  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	●	○	○		●	●	●										
-UC  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	●	○	○		●	●	●										
-UR  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	●					●	●	●									
-KR  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)



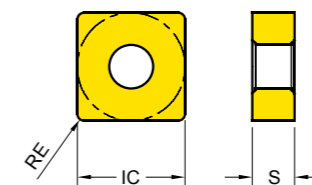
Series	IC	S
SN** 0903	9.525	3.18
SN** 1204	12.700	4.76
SN** 1506	15.875	6.35
SN** 1906	19.050	6.35

EDP 2200.. ●: Stock item ○: Order made item

K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
K20	K30									S30			K15			

SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-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

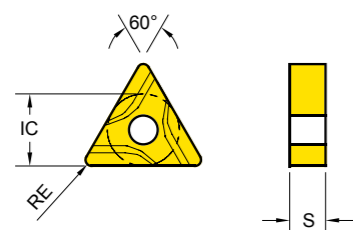
K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
K20	K30									S30			K15			

SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	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									○	○	○	●				
-SR HRSA Roughing	SNMG 120408 - SR	0.8	0.30~0.55	2.0~5.5													●			
	SNMG 120412 - SR	1.2	0.30~0.55	2.0~5.5													●			





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

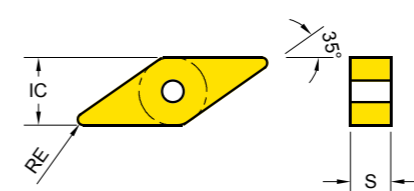


Series	IC	S
TN** 1604	9.525	4.76

EDP 2200.. ● : Stock item ○ : Order made item

TNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
..UX 	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		○	●	●	●	○		○								
..UX 	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 Inserts - Negative VNMA / VNMG (35° Rhombic)



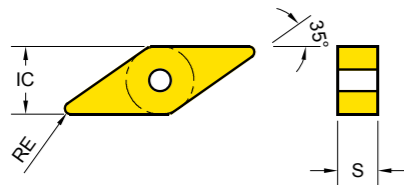
Series	IC	S
VN** 1604	9.525	4.76

EDP 2200.. ● : Stock item ○ : Order made item

VNMA VNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
..MA 	VNMA 160408	0.8	0.15~0.40	1.0~5.0	●	○	○													
					1573	0162	1275													
-UF 	VNMG 160404 - UF	0.4	0.05~0.25	0.5~2.5		○	●	●	●	○										
	VNMG 160408 - UF	0.8	0.05~0.25	1.0~2.5		○	●	●	●	○										
-UL 	VNMG 160404 - UL	0.4	0.10~0.30	0.5~3.0		○	●	●	●											
	VNMG 160408 - UL	0.8	0.10~0.30	1.0~3.0		○	●	●	●											
	VNMG160412 - UL	1.2	0.10~0.30	1.5~3.0				●												
-UM 	VNMG 160408 - UM	0.8	0.15~0.30	1.0~3.0		○	●	●	●											
	VNMG 160412 - UM	1.2	0.15~0.30	1.5~3.0		○	○	○	●	●										
-UG 	VNMG 160404 - UG	0.4	0.20~0.40	0.5~3.0		●	○	○	●	●	●									
	VNMG 160408 - UG	0.8	0.20~0.40	1.0~3.0		●	○	○	●	●	●	○								
	VNMG 160412 - UG	1.2	0.20~0.40	1.5~3.0		●	○	○	●	●	●									
-UC 	VNMG 160404 - UC	0.4	0.20~0.40	0.5~3.5		●	○	○	●	●	●									
	VNMG 160408 - UC	0.8	0.20~0.40	1.0~3.5		●	○	○	●	●	●									
	VNMG 160412 - UC	1.2	0.20~0.40	1.5~3.5		●	○	○	●	●	●									
-UR 	VNMG 160412 - UR	1.2	0.30~0.50	1.5~5.0		●	○	○	○	●	●	●	○							

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

Series	IC	S
VN** 1604	9.525	4.76

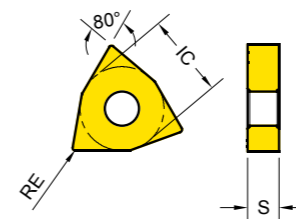


EDP 2200.. ●: Stock item ○: Order made item

VNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..																
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
					K10	P05	P10	P15	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20	
					K20	K30										S30	K15				
<b>-MF</b> 	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										○	●	●	●	○	●	●	○
<b>-MM</b> 	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														●	●	○	
<b>-MG</b> 	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														●	●	○	
<b>-MR</b> 	VNMG 160408 - MR	0.8	0.30~0.55	2.0~5.5									○	●	●	●	●				
<b>-SR</b> 	VNMG 160408 - SR	0.8	0.30~0.55	2.0~5.5																●	
<b>NEW</b> <b>-PSF</b> 	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)	EDP 2200..																	
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10		
					K10	P05	P10	P15	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20		
					K20	K30									S30	K15						
<b>..MA</b> 	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	●	○	○															
<b>-UF</b> 	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			○															
<b>-UL</b> 	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			○															
<b>-UM</b> 	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			○															

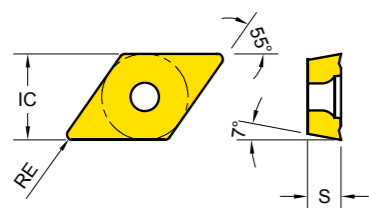








Turning Inserts - Positive  
**DCGT / DCMT (55° Rhombic)**

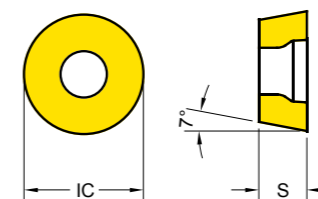


Series	IC	S
DC** 0702	6.350	2.38
DC** 11T3	9.525	3.97

EDP 2200.. ● : Stock item ○ : Order made item

DCGT / DCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-SF HRSA Finishing	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															●	●
	DCGT 070204 - SF	0.4	0.03~0.20	0.10~1.5															○	○
	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															○	○
-MF Stainless steel Finishing	DCMT 070204 - MF	0.4	0.05~0.17	0.08~1.5															●	●
	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															●	●
-MM Stainless steel Medium	DCMT 070204 - MM	0.4	0.08~0.30	0.20~2.3															●	●
	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															●	●
-PF Cermet Finishing	DCMT 11T308 - MM	0.8	0.08~0.25	0.50~3.0															●	●
	DCMT 070204 - PF	0.4	0.05~0.17	0.08~1.5															●	●
	DCMT 11T302 - PF	0.2	0.04~0.15	0.08~2.0															●	●
-PM Cermet Medium	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															●	●
	DCMT 070204 - PM	0.4	0.08~0.30	0.20~2.3															●	●
	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)**

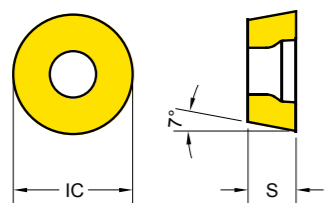


Series	IC	S
RC** 0602	6	2.38
RC** 0803	8	3.18
RC** 10T3	10	3.97
RC** 1204	12	4.76

EDP 2200.. ● : Stock item ○ : Order made item

RCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
General	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	●	○	○												●	○

Turning Inserts - Positive  
**RCMX - Heavy Turning (Round)**



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

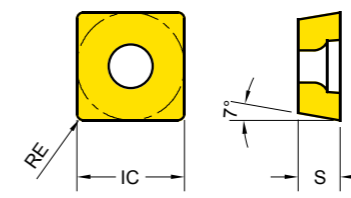
EDP 2200.. ● : Stock item ○ : Order made item

RCMX	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..																			
					K10	P05	P10	P15	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20				
<b>NEW</b> -UT	RCMX 1606M0-UT	8.0	0.30~0.80	1.0~7.0	●																			
	RCMX 2006M0-UT	10.0	0.5~1.3	1.5~9.0						●														



Heavy Roughing

Turning Inserts - Positive  
**SCGT / SCMT (Square)**



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

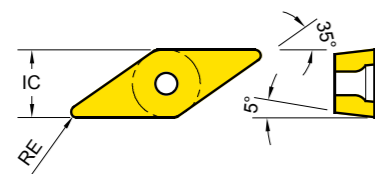
EDP 2200.. ● : Stock item ○ : Order made item

SCGT SCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..																			
					K10	P05	P10	P15	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20				
<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

### VBGT / VBMT (35° Rhombic)



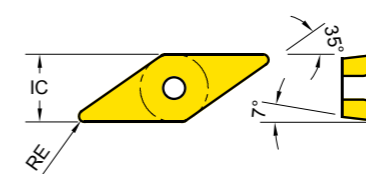
Series	IC	S
VB** 1103	6.350	3.18
VB** 1604	9.525	4.76

EDP 2200.. ● : Stock item ○ : Order made item

VBGT VBMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
<b>NEW</b> -SF 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> -MF 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> -MM 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> -PF 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> -PM 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)




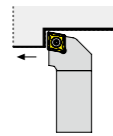
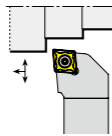

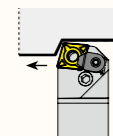
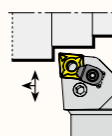
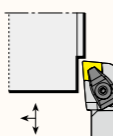
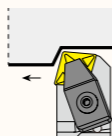
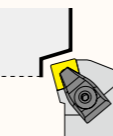

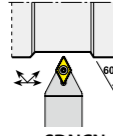
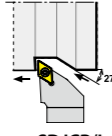
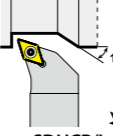

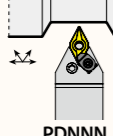
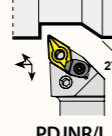
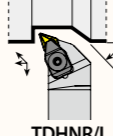
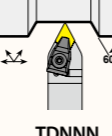
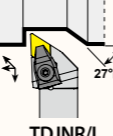

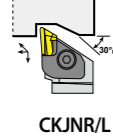

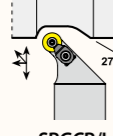
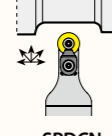
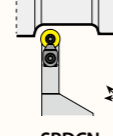
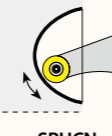

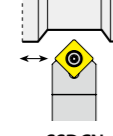
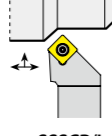
Series	IC	S
VC** 1103	6.350	3.18
VC** 1604	9.525	4.76

EDP 2200.. ● : Stock item ○ : Order made item

VCGT VCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..																	
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10		
<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															●	●		
<b>NEW</b> -SF 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>NEW</b> -MF Stainless steel Finishing	VCMT 110304 - MF	0.4	0.05~0.20	0.1~1.7															●	●		
	VCMT 110304 - PF	0.4	0.05~0.20	0.1~1.7																●		


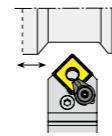
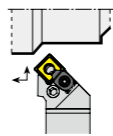
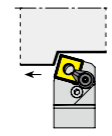
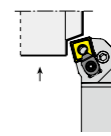
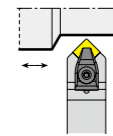
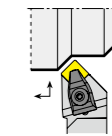
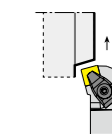

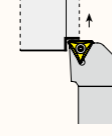
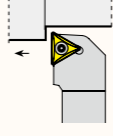
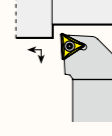
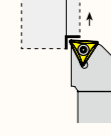

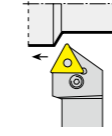
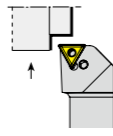
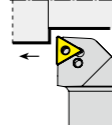
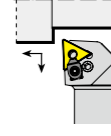
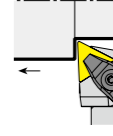
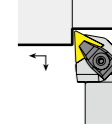
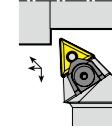

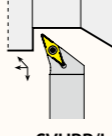
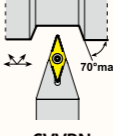
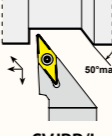

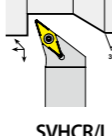
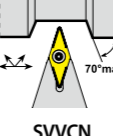
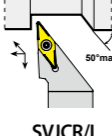

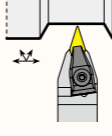
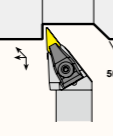
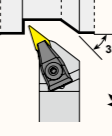

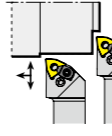
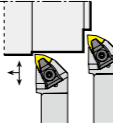
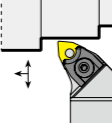
Turning - Holder - External  
**External Holders Overview**

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

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			


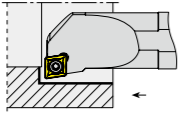
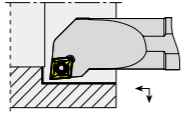
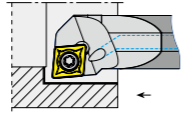

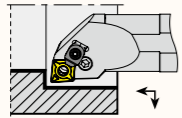
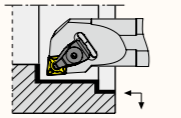
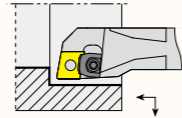

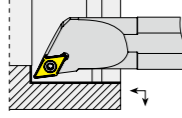
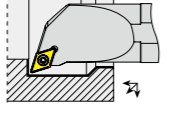
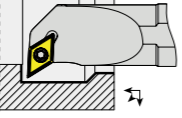
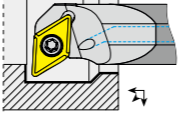

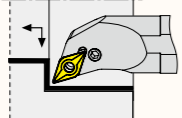
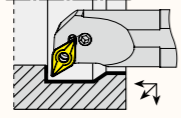
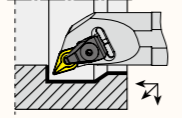
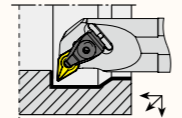
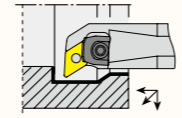

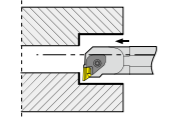

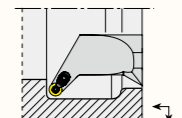

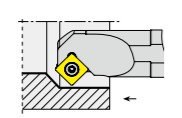
Turning - Holder - External  
**External Holders Overview**

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

Series	Turning Holder						
 SNMA SNMG	 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
Page 42	74	74	74	74	80	80	80
 TCGT TCMT	 STFCR/L Screw	 STGCR/L Screw	 STJCR/L Screw	 STUCR/L Screw			
Page 64	p. 90	p. 90	p. 90	p. 90			
 TNMA TNMG TNUX	 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
Page 47	75	75	75	75	81	81	84
 VBMT	 SVHBR/L Screw	 SVVBN Screw	 SVJBR/L Screw				
Page 66	91	91	91				
 VCGT VCMT	 SVHCR/L Screw	 SVVCN Screw	 SVJCR/L Screw				
Page 67	92	92	92				
 VNMA VNMG	 TVVNN Double Clamp	 TVJNR/L Double Clamp	 TVHNR/L Double Clamp				
Page 51	82	82	82				
 WNMA WNMG	 PWLNR/L Lever (+Clamp)	 TWLNR/L Double Clamp	 MWLNR/L Multi-Clamp				
Page 53	76	83	85				


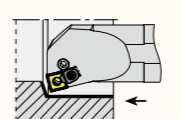
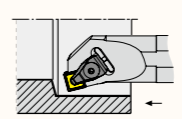

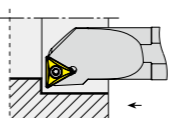
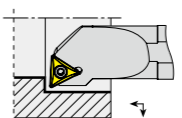

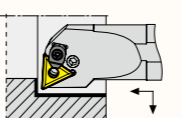
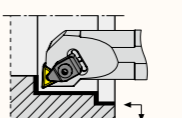
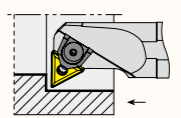
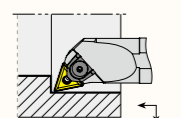
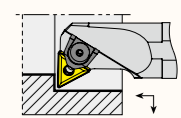

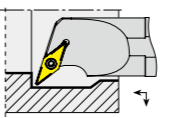
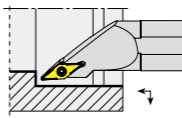
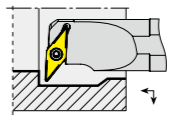

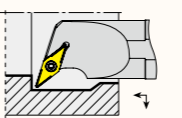
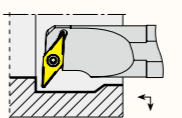

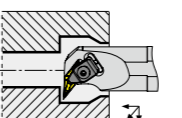

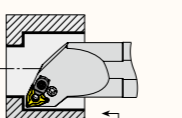
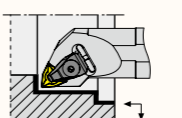
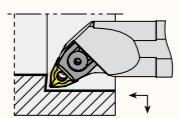
Turning - Holder - Internal  
**Internal Holders Overview**

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

Series	Turning Holder				
 CCGT CCMT					
	..SFCR/L	..SCLR/L	E..SCLR/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	
 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	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			

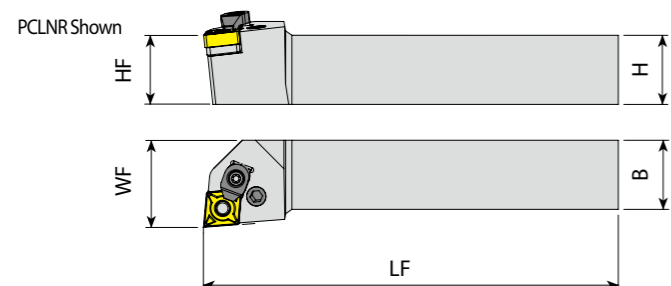
Turning - Holder - Internal  
**Internal Holders Overview**

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

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



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



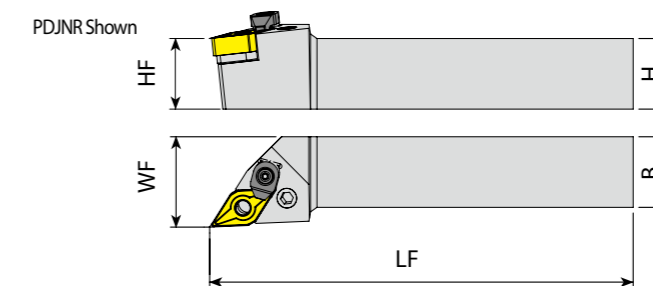
\* 'C' Letter at Last : Optional Clamp Included

☐ : p. 30

Unit:mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert
PCBNR/L Approach angle 75°	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
		PCBNR/L 3232P 19C	0448	0449	32	32	37.0	170
	PCBNR/L 4040S 19C	0450	0451	40	40	37.0	250	
PCLNR/L Approach angle 95°	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	
	CN1606	PCLNR/L 3232P 12C	0470	0471	32	32	40.0	170
		PCLNR/L 2525M 16C	0472	0473	25	25	32.0	150
		PCLNR/L 3232P 16C	0474	0475	32	32	40.0	170
		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	

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



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

☐ : p. 35

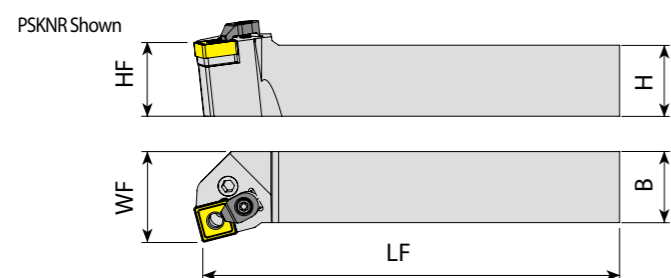
Unit:mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert
PDNNN Approach angle 62.5°	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	
PDJNR/L Approach angle 93°	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
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	

Series	Designation	Information	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..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	
PD.. ..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	

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



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

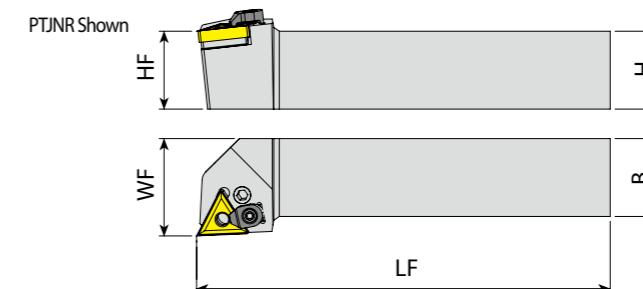
: p. 42

Unit:mm

Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
 <b>PSDNN</b> Approach angle 45°	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	
 <b>PSSNR/L</b> Approach angle 45°	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	
 <b>PSBNR/L</b> Approach angle 75°	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	SN1204
 <b>PSKNR/L</b> Approach angle 75°	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

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



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

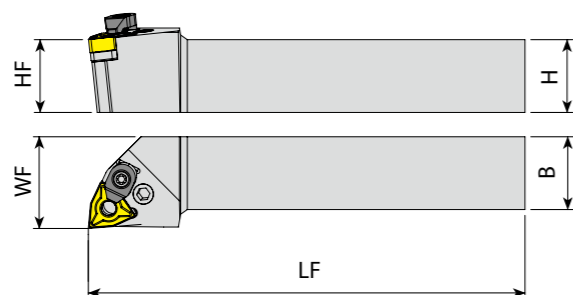
: p. 47

Unit:mm

Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert	
 <b>PTTNR/L</b> Approach angle 60°	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		
	 <b>PTFNR/L</b> Approach angle 91°	PTTNR/L 3232P 16	0624 0625	32	32	31.0	170	TN2204
		PTTNR/L 2525M 22C	0626 0627	25	25	20.5	150	
		PTTNR/L 3232P 22C	0628 0629	32	32	29.0	170	
 <b>PTGNR/L</b> Approach angle 91°	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		
	PTFNR/L 3232P 16	0562 0563	32	32	40.0	170		
 <b>PTJNR/L</b> Approach angle 93°	PTFNR/L 2525M 22C	0564 0565	25	25	32.0	150	TN2204	
	PTFNR/L 3232P 22C	0566 0567	32	32	40.0	170		
	 <b>PTGNR/L</b> Approach angle 91°	PTGNR/L 1616H 16	0568 0569	16	16	20.0	100	TN1604
		PTGNR/L 2020K 16	0055 0056	20	20	25.0	125	
PTGNR/L 2525M 16		0057 0058	25	25	32.0	150		
 <b>PTJNR/L</b> Approach angle 93°	PTGNR/L 2525M 22C	0570 0571	25	25	32.0	150	TN2204	
	PTGNR/L 3232P 22C	0572 0573	32	32	40.0	170		
	 <b>PTJNR/L</b> Approach angle 93°	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	
 <b>PTJNR/L</b> Approach angle 93°	PTJNR/L 3232P 16	0603 0604	32	32	40.0	170	TN2204	
	PTJNR/L 2525M 22C	0605 0606	25	25	32.0	150		
 <b>PTJNR/L</b> Approach angle 93°	PTJNR/L 3232P 22C	0607 0608	32	32	40.0	170	TN2204	

Series	Designation	Infomation	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

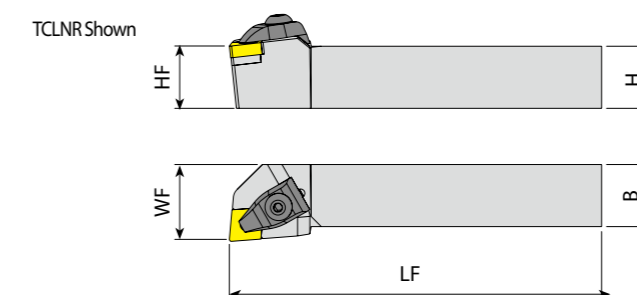


\*'C' Letter at Last : Optional Clamp Included

☐ : p. 53 Unit:mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
PWLNR/L Approach angle 95°	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 1616H 08	0653	0654	16	16	20	100	
	PWLNR/L 2020K 08C	0655	0656	20	20	25	125	WN0804
	PWLNR/L 2525M 08C	0657	0658	25	25	32	150	
	PWLNR/L 3232P 08C	0659	0660	32	32	40	170	

### Double Clamp type for CN\*\* Insert



☐ : p. 30 Unit:mm

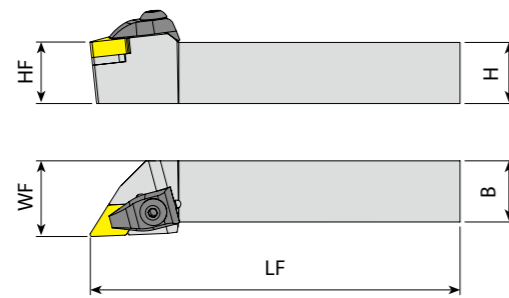
Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
TCLNR/L Approach angle 95°	TCLNR/L 2020K 12	0482	0483	20	20	25	125	CN1204
	TCLNR/L 2525M 12	0484	0485	25	25	32	150	
	TCLNR/L 3232P 12	0486	0487	32	32	40	170	
	TCLNR/L 4040S 12	0488	0489	40	40	50	250	
	TCLNR/L 5050S 12	0490	0491	50	50	63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

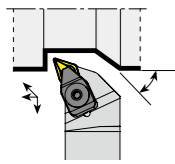
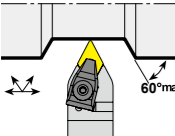
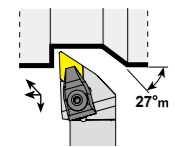
Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
TC..	..12	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAACN-3-0001	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000137	18000156	18000061
	..16	Description	YATK-04	YAKV-19-M7x25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

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

TDJNR Shown

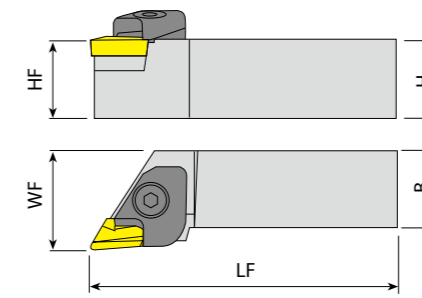


☐ : p.35 Unit:mm

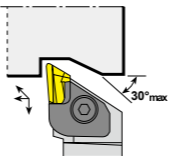
Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <p><b>TDHNR/L</b> Approach angle 107.5°</p>	TDHNR/L 2020K 15	0495	0496	20	20	25.0	125	DN1506
	TDHNR/L 2525M 15	0497	0498	25	25	32.0	150	
	TDHNR/L 3232P 15	0499	-	32	32	40.0	170	
	 <p><b>TDNNN</b> Approach angle 62.5°</p>	TDNNN 2020K 15	0518		20	20	10.0	125
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	Infomation	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

**Top Clamp type for KN\*\* Insert**



☐ : p.41 Unit:mm

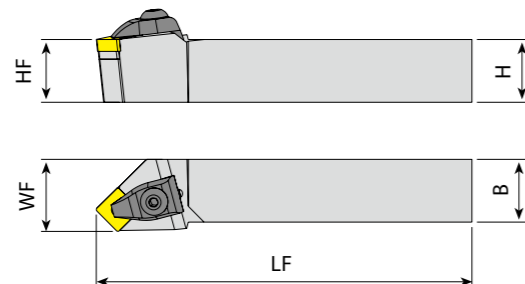
Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <p><b>CKJNR/L</b> Approach angle 93°</p>	CKJNR/L 2020K 16	0521	0522	20	20	27.5	125	KNUX1604
	CKJNR/L 2525M 16	0152	0153	25	25	31.5	150	
	CKJNR/L 3232P 16	0154	0155	32	32	40.0	170	
	CKJNR/L 4040S 16	0523	0524	40	40	50.0	250	

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
		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

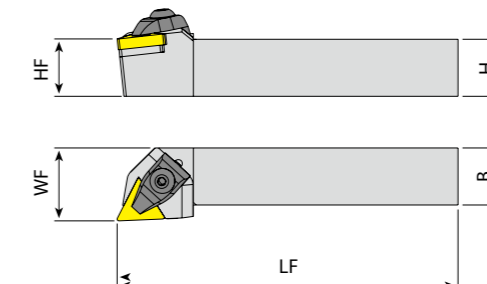
Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
 <b>TSDNN</b> Approach angle 45°	TSDNN 1616H 12	0533	16	16	8.0	100	SN1204
	TSDNN 2020K 12	0534	20	20	10.0	125	
	TSDNN 2525M 12	0535	25	25	12.5	150	
	TSDNN 3232P 12	0536	32	32	16.0	170	
 <b>TSSNR/L</b> Approach angle 45°	TSSNR/L 2020K 12	0554 0555	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	
 <b>TSKNR/L</b> Approach angle 75°	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

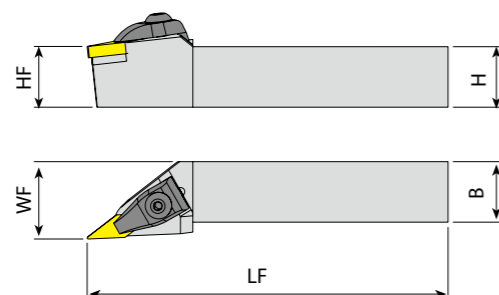
Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert	
 <b>TTGNR/L</b> Approach angle 91°	TTGNR/L 2020K 16	0574 0575	20	20	25	125	TN1604	
	TTGNR/L 2525M 16	0576 0577	25	25	32	150		
	TTGNR/L 3232P 16	0578 0579	32	32	40	170		
	 <b>TTJNR/L</b> Approach angle 93°	TTGNR/L 2525M 22	0580 0581	25	25	32	150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

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	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



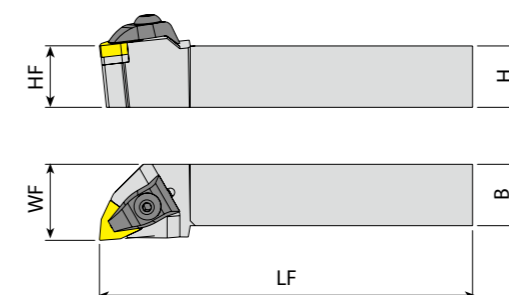
□: p. 51 Unit: mm

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

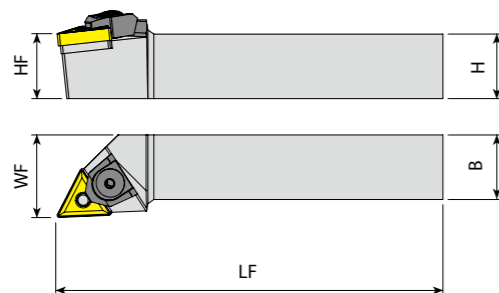


□: p. 53 Unit: mm

Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
<p><b>TWLNR/L</b> Approach angle 95°</p>	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	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
	..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

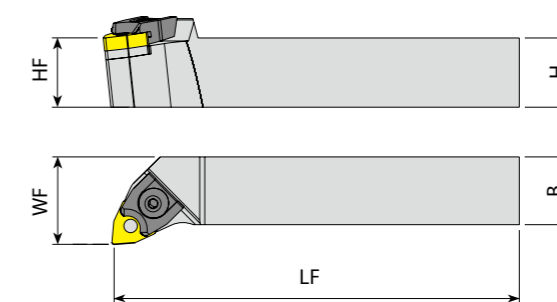
## Multi-Clamp type for TN\*\* Insert



□: p.47 Unit:mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <b>MTJNR/L</b> Approach angle 93°	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	

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



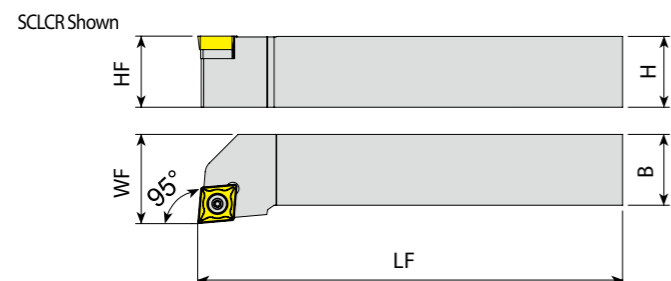
□: p.53 Unit:mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <b>MWLNR/L</b> Approach angle 95°	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	

Series	Designation	Information	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

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

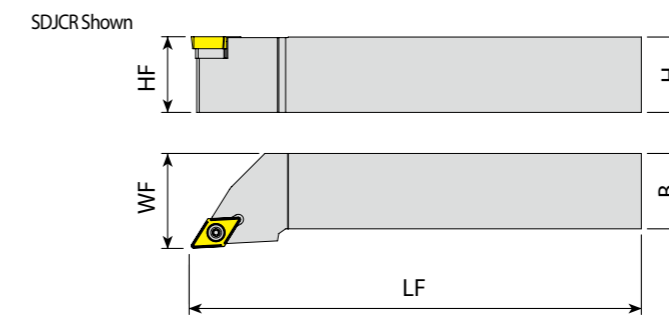


□ : p. 57 Unit:mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert
SCACR/L	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	
	SCACR/L 2020K 12	0685	0686	20	20	25	125	CC1204
	SCACR/L 2525M 12	0687	0688	25	25	32	150	
SCLCR/L	SCLCR/L 0808E 06	0689	0690	08	08	10	70	CC0602
	SCLCR/L 1010E 06	0691	-	10	10	12	70	CC09T3
	SCLCR/L 1010E 09	0692	0693	10	10	12	70	
	SCLCR/L 1212F 09	0089	0090	12	12	16	80	
	SCLCR/L 1616H 09	0091	0092	16	16	20	100	CC09T3
	SCLCR/L 2020K 09	0093	0094	20	20	25	125	
	SCLCR/L 2525M 09	0694	0695	25	25	32	150	CC1204
	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	Infomation	Screw	Shim	Shim Screw	Torx Key
..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



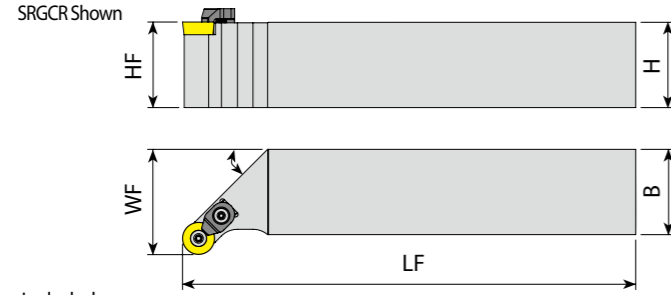
□ : p. 59 Unit:mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert
SDNCN	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	DC11T3
	SDNCN 1616H 11	0124		16	16	8.0	100	
	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	
	SDJCR/L	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	DC11T3
SDJCR/L 1616H 11		0117	0118	16	16	20.0	100	
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	
SDHCR/L		SDHCR/L 0808E 07	0697	0698	05	05	11.0	70
	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	DC11T3
	SDHCR/L 1616H 11	0705	0706	16	16	20.0	100	
	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	Infomation	Screw	Shim	Shim Screw	Torx Key
SD..	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



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



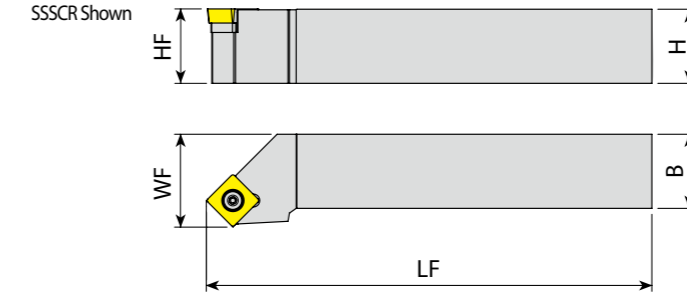
\*'C' Letter at Last : Optional Clamp Included

□ : p. 61 Unit: mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
SRGCR/L Approach angle 90°	SRGCR/L 1616H 06	0739	0740	16	16	20.0	100	RC0602
	SRGCR/L 2020K 06	0741	0742	20	20	25.0	125	
	SRGCR/L 1616H 08C	0743	0744	16	16	32.0	100	RC0803
	SRGCR/L 2020K 08C	0745	0746	20	20	25.0	125	
	SRGCR/L 2525M 08C	0747	0748	25	25	32.0	150	RC10T3
	SRGCR/L 1616H 10C	0749	0750	16	16	20.0	100	
	SRGCR/L 2020K 10C	0751	0752	20	20	25.0	125	RC1204
	SRGCR/L 2525M 10C	0753	0754	25	25	32.0	150	
	SRGCR/L 3232P 10C	0755	0756	32	32	40.0	170	RC1204
	SRGCR/L 2020K 12C	0757	0758	20	20	25.0	125	
SRDCN Approach angle 90°	SRDCN 1616H 06	0162	-	16	16	8.0	100	RC0602
	SRDCN 2020K 06	0163	-	20	20	10.0	125	
	SRDCN 2525M 06	0164	-	25	25	12.5	150	RC0803
	SRDCN 1616H 08C	0727	-	16	16	8.0	100	
	SRDCN 2020K 08C	0728	-	20	20	10.0	125	RC10T3
	SRDCN 2525M 08C	0729	-	25	25	12.5	150	
	SRDCN 1616H 10C	0730	-	16	16	8.0	100	RC1204
	SRDCN 2020K 10C	0731	-	20	20	10.0	125	
	SRDCN 2525M 10C	0732	-	25	25	12.5	150	RC1204
	SRDCN 3232P 10C	0733	-	32	32	16.0	170	
SRDCN 2020K 12C	0734	-	20	20	10.0	125	RC1204	
SRDCN 2525M 12C	0735	-	25	25	12.5	150		
SRDCN 3232P 12C	0736	-	32	32	16.0	170	RC1204	
SRDCR/L3232P12C	0737	0738	32	32	40.0	170		
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
	.08	Description	-	-	Y3008-M3x8	Y80-T15
		EDP	-	-	18000125	18000167
	.08C	Description	YACK-15	Y4015-M3.5x11	Y3008-M3x8	Y80-T08
		EDP	18000069	18000118	18000125	18000165
	.10C	Description	YACK-15	Y4015-M3.5x11	Y4015-M3.5x11	Y80-T15
		EDP	18000069	18000118	18000118	18000167
	.12C	Description	YACK-05	Y4015-M4x11	Y4015-M3.5x11	Y80-T15
		EDP	18000065	18000119	18000118	18000167
	.10..12	Description	-	-	Y4015-M3.5x11	Y80-T15
		EDP	-	-	18000118	18000167
.1616..08C	Description	YACK-15	Y4015-M3.5x11	Y3008-M3x8	Y80-T08	
	EDP	18000069	18000118	18000125	18000165	

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



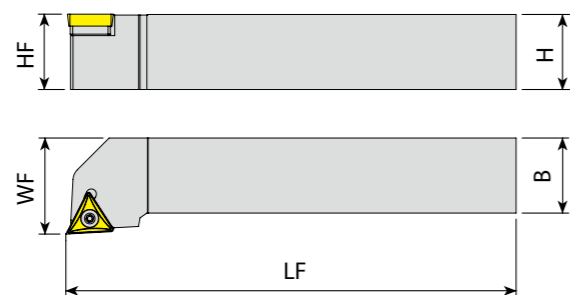
□ : p. 63 Unit: mm

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

Series	Designation	Infomation	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

Turning - Holder - External  
Screw on type for TC\*\* Insert

STJCR Shown



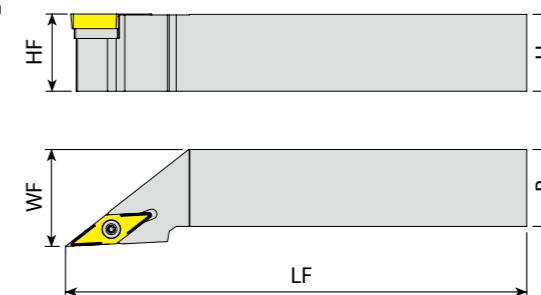
: p. 64 Unit:mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <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 1616H 16	0812	0813	20	20	25	125	TC16T3
	STUCR/L 2020K 16	0812	0813	20	20	25	125	
	STUCR/L 2525M 16	0814	0815	25	25	32	150	
	STUCR/L 3232P 16	0816	0817	32	32	40	170	

Series	Designation	Information	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

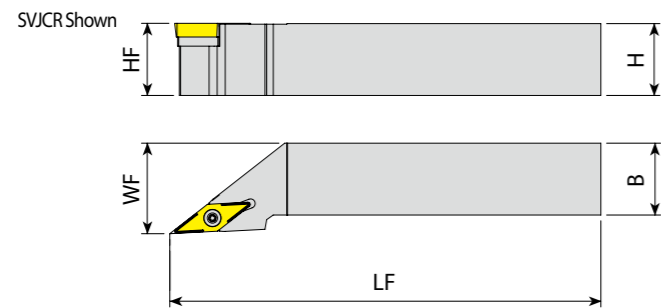


: p. 66 Unit:mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <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

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

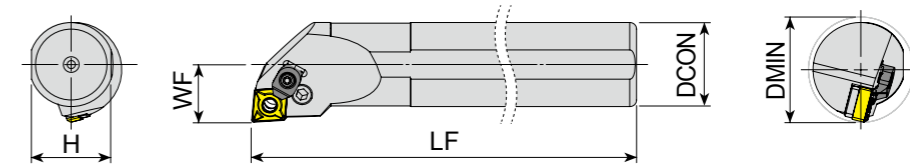


□: p.67 Unit:mm

Series	Designation	EDP 2700.. R 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	VC1604
	SVVCN 2525M 16	0147	25	25	12.5	150	
	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

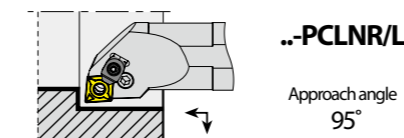
**Lever Lock type for CN\*\* Insert**



\* '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			
	S25S - PCLNR/L 12C	0863 0864	32	25	23	17	250			
	X 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			
S32T - PCLNR/L 16C		0871 0872	40	32	30	22	300			
X 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		
		S40U - PCLNR/L 19C	0877 0878	50	40	37.5	27	350		
		X S50V - PCLNR/L 19C	0879 0880	63	50	47	35	400		

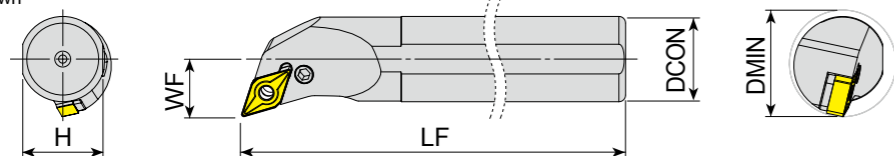


Series	Designation	Information	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..25..- 12C	Description	YAPL-02	YALV-08-M8x16	YACK-05	Y4015-M4x11	YAACN-3-0001	YAAY-02	YAAL-03-3	
	EDP	18000093	18000104	18000065	18000119	18000137	18000054	18000061	
..32~50..- 12C	Description	YAPL-02	YALV-03-M8x19	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

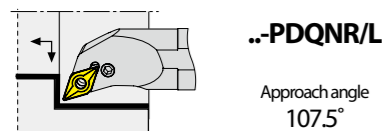
### Lever Lock type for DN\*\* Insert

..PDQNR Shown

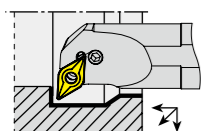


☐: p. 35 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
●	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		



..PDQNR/L  
Approach angle  
107.5°

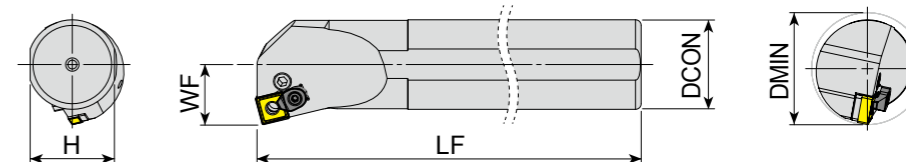


..PDUNR/L  
Approach angle  
93°

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

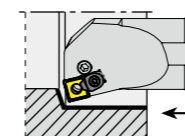
### Lever Lock type for SN\*\* Insert



☐: p. 42 Unit:mm

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

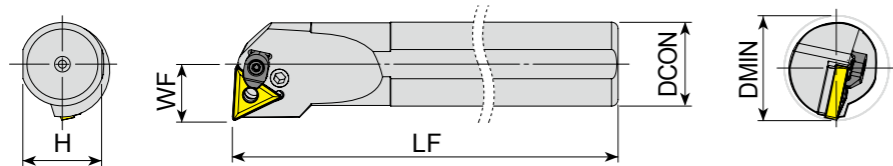
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
X	S25S - PSKNR/L 12C	0958 0959	32	25	23	17	250	SN1204
	S32T - PSKNR/L 12C	0960 0961	40	32	30	22	300	
X	S40U - PSKNR/L12C	0962 0963	50	40	37.5	27	350	SN1204
	S50V - PSKNR/L12C	0964 0965	63	50	47	35	400	



..PSKNR/L  
Approach angle  
75°

Turning - Holder - Internal

# Lever Lock type for TN\*\* Insert

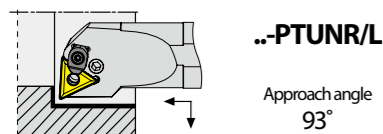


\* 'C' Letter at Last : Optional Clamp Included

□: p. 47

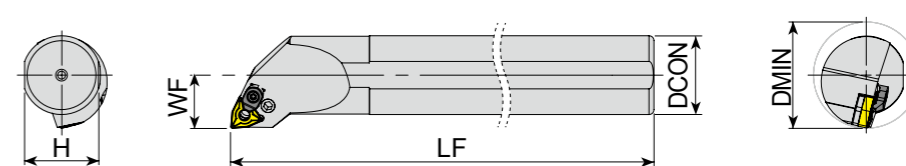
Unit:mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	DMIN	DCON	H	WF	LF	Insert
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	



Turning - Holder - Internal

# Lever Lock type for WN\*\* Insert

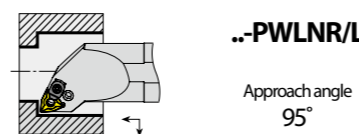


\* 'C' Letter at Last : Optional Clamp Included

□: p. 53

Unit:mm

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

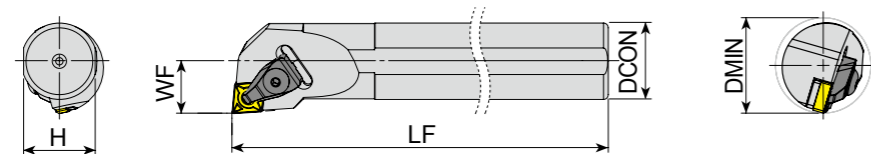


Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..16..16	Description	YAPL-08	YALV-07-M6x13	-	-	-	-	YAAY-07	YAAL-02-2.5
	EDP	18000097	18000103	-	-	-	-	18000057	18000060
..20..16	Description	YAPL-01	YALV-01-M6x14	-	-	-	YAATN-3-0025	YAAY-01	YAAL-02-2.5
	EDP	18000092	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	

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	

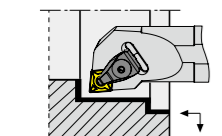
Turning - Holder - Internal

### Double Clamp type for CN\*\* Insert



□: p. 30 Unit:mm

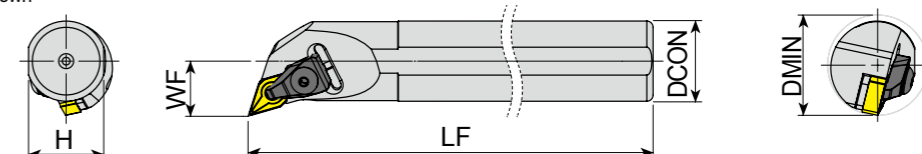
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
X ..-TCLNR/L Approach angle 95°	S25S - TCLNR/L 12	0881 0882	32	25	23	17	250	CN1204
	S32T - TCLNR/L 12	0883 0884	40	32	30	22	300	
	S40U - TCLNR/L 12	0885 0886	50	40	37.5	27	350	
	S50V - TCLNR/L 12	0887 0888	63	50	47	35	400	
	S32T - TCLNR/L 16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



Turning - Holder - Internal

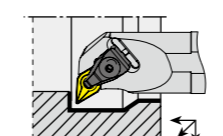
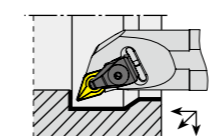
### Double Clamp type for DN\*\* Insert

..-TDQNR Shown



□: p. 35 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
X ..-TDQNR/L Approach angle 107.5°	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	
X ..-TDUNR/L Approach angle 93°	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	

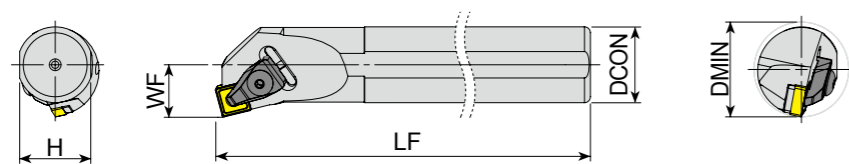


Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
..25..12	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAACN-3-0001	YAAV-13-M5x8	YAAL-03-3	
	EDP	18000075	18000091	18000058	18000052	18000137	18000163	18000061	
..TC.. ..32~50..12	Description	YATK-02	YAKV-30-M6x22	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	

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	

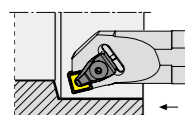
Turning - Holder - Internal

### Double Clamp type for SN\*\* Insert



□: p. 42 Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
..-TSKNR/L	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	



..-TSKNR/L

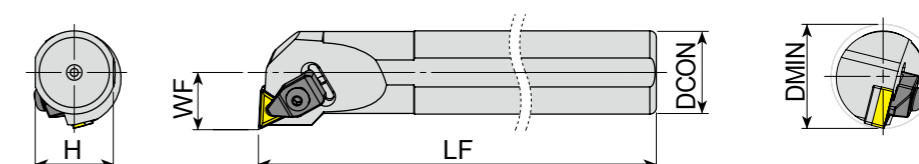
Approach angle 75°

X

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-13-M5x8	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000145	18000163	18000061

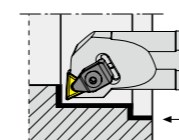
Turning - Holder - Internal

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



□: p. 47 Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
..-TTUNR/L	S25S - TTUNR/L 16	1030	1031	32	25	23	17	250	TN1604
	S32T - TTUNR/L 16	1032	1033	40	32	30	22	300	
	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°

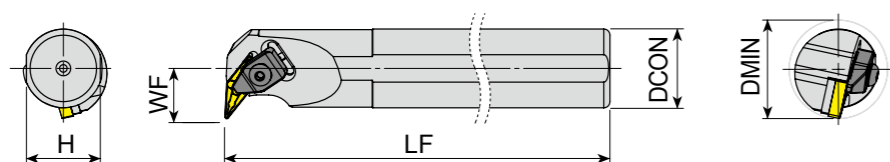
X

X

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

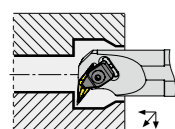
Turning - Holder - Internal

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



□: p.51 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
..-TVUNR/L	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	



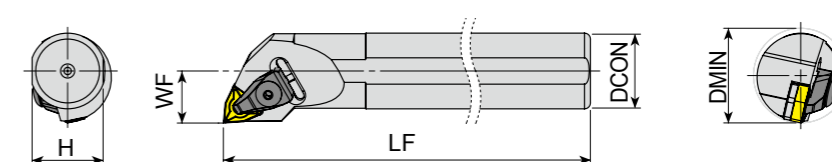
..-TVUNR/L  
Approach angle  
93°

X

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

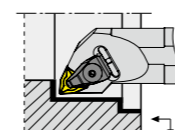
Turning - Holder - Internal

### Double Clamp type for WN\*\* Insert



□: p.53 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
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	

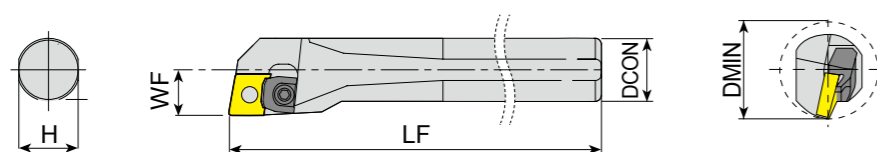


..-TWLNR/L  
Approach angle  
95°

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
..TW..	..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
..TW..	..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

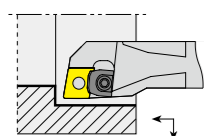


## Turning - Holder - Internal Multi-Clamp type for CN\*\* Insert



□: p. 30 Unit:mm

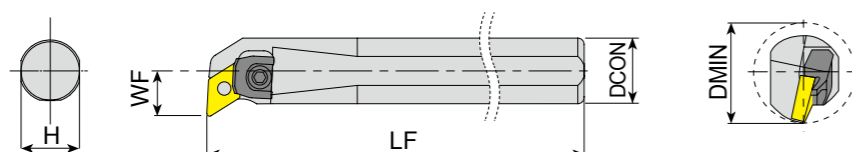
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
..- MCLNR/L	S20R - MCLNR/L12	0857 0858	25	20	18.3	13	200	CN1204
	S32T - MCLNR/L12	0861 0862	40	32	30	22	300	



Approach angle  
95°

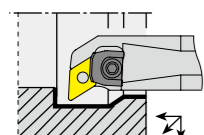
Series	Designation	Infomation	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..MC..	..20..12	Description	YAMK-07	YAKV-04-M5x17	-	YAPM-12	YAAL-03-3
		EDP	28000019	18000082	-	28000025	18000061
	..32..12	Description	YAMK-03	-	YAACN-3-0001	YAPM-04	-
		EDP	28000020	-	18000137	18000113	-

## Turning - Holder - Internal Multi-Clamp type for DN\*\* Insert



□: p. 35 Unit:mm

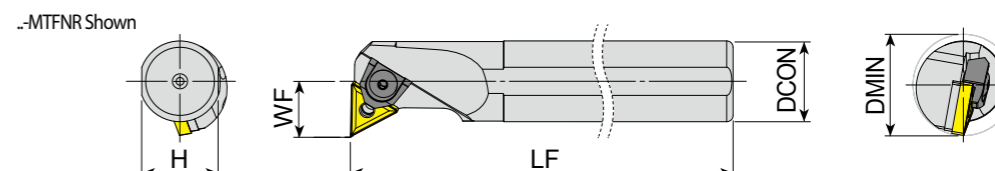
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
..- MDUNR/L	S32T - MDUNR/L15	0928 0929	40	32	30	22	300	DN1506
	S40U - MDUNR/L15	0930 0931	50	40	37.5	27	350	
	S50V - MDUNR/L15	0932 0933	63	50	47	35	400	



Approach angle  
93°

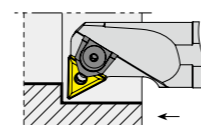
Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Pin	Allen Key
..MD..	..15	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAADN-3-0001	YAPM-04	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	18000142	18000113	18000061

## Turning - Holder - Internal Multi-Clamp type for TN\*\* Insert

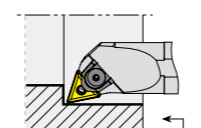


□: p. 47 Unit:mm

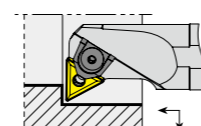
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
..- MTFNR/L	S20R - MTFNR/L 16	0972 -	25	20	18.3	14	200	TN1604
	S25S - MTFNR/L 16	0973 0974	32	25	23	17	250	
	S32T - MTFNR/L 16	0975 0976	40	32	30	22	300	
	S40U - MTFNR/L 16	0977 0978	50	40	37.5	27	350	
..- MTQNR/L	S32T - MTFNR/L 22	0979 0980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



Approach angle  
91°



Approach angle  
107.5°

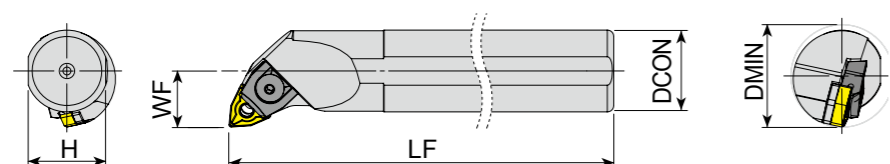


Approach angle  
93°

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	

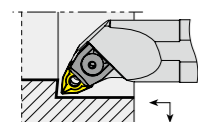
Turning - Holder - Internal

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



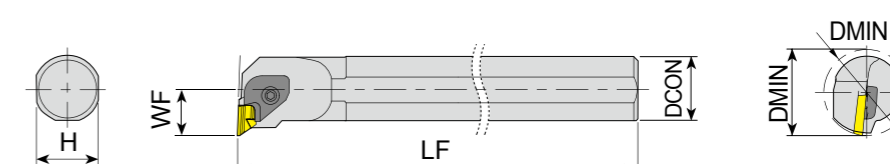
□: p.53 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
..-MWLNR/L Approach angle 95°	S16P - MWLNR/L 06	1064 1065	20	16	14.8	11	170	WN0604
	X S20R - MWLNR/L 06	1066 1067	25	20	18.3	13	200	
	S25S - MWLNR/L 06	1068 1069	32	25	23	17	250	
	S25S - MWLNR/L 08	1070 1071	32	25	23	17	250	WN0804
	X S32T - MWLNR/L 08	1072 1073	40	32	30	22	300	
	S40U - MWLNR/L 08	1074 1075	50	40	37.5	27	350	



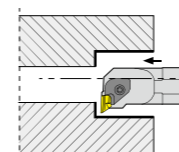
Turning - Holder - Internal

### Top Clamp type for KN\*\* Insert



□: p.41 Unit:mm

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

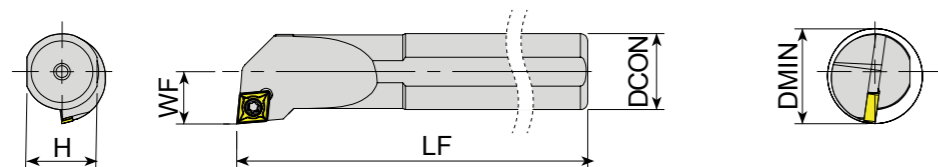


Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Pin	Shim	Allen Key
..MW..	..16..06	Description	YAMK-01	YAKV-17-M5x15	-	-	YAPM-09	-	-
		EDP	18000070	18000087			18000115		
	..20..06	Description	YAMK-01	YAKV-04-M5x17	-	-	YAPM-10	-	-
		EDP	18000070	18000082			18000116		
	..25..06	Description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

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

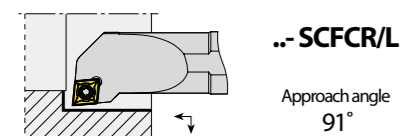
# Turning - Holder - Internal

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



□: p.57 Unit:mm

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

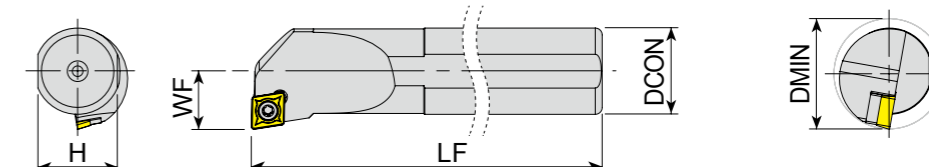


▶ NEXT PAGE

Series	Designation	Infomation	Screw	Shim	Shim Screw	Torx Key
..SC..	..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
	..12..09	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	

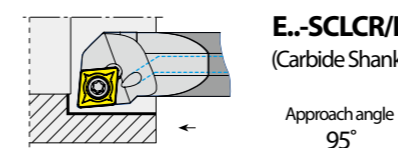
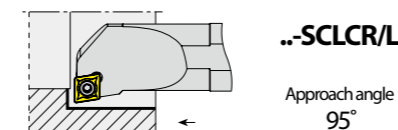
# Turning - Holder - Internal

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



□: p.57 Unit:mm

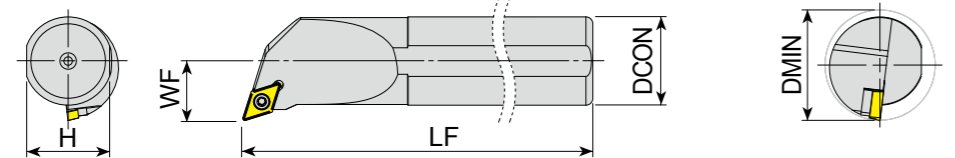
Series	Designation	EDP 2700.. R	L	DMIN	DCON	H	WF	LF	Insert
●	A08H - SCLCR/L 06	1117	1118	11	08	7.3	6	100	CC0602
	A10H - SCLCR/L 06	1119	1120	13	10	9	7	100	
	A12H - SCLCR/L 06	1121	1122	16	12	11	9	100	
X	S08H - SCLCR/L 06	1133	1134	11	08	7.3	6	100	CC09T3
	S10K - SCLCR/L 06	1135	1136	13	10	9	7	125	
	S12K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



Series	Designation	Infomation	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
	Description	Y4015-M3.5x9	-	-	Y80-T15	
EDP	18000131	-	-	18000167		

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

..SDQCR Shown



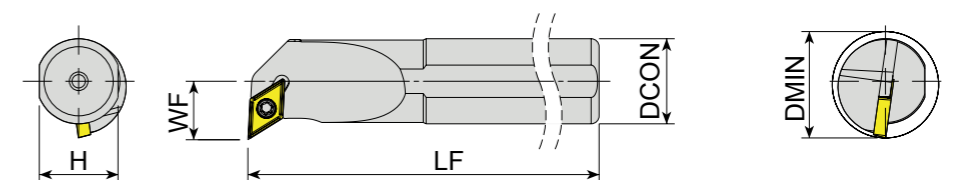
□: p. 59 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
..SDPCR/L 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	
..SDQCR/L 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	
	S16P - SDQCR/L 07	1192 1193	20	16	14.8	11	170	
	S20R - SDQCR/L 07	1194 1195	25	20	18.3	13	200	
..SDQCR/L Approach angle 107.5°	A16M - SDQCR/L 11	1180 1181	20	16	14.8	11	150	DC11T3
	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	
	S20R - SDQCR/L 11	1198 1199	25	20	18.3	13	200	
	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

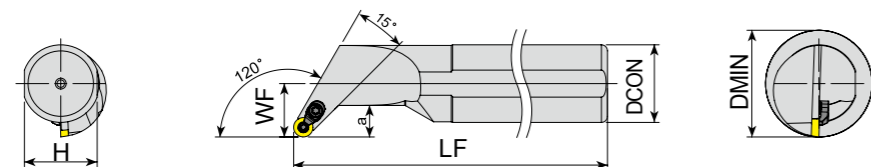


□: p. 59 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert	
..SDUCR/L Approach angle 93°	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		
	S12K - SDUCR/L 07	1224 1225	16	12	11	9	125		
	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		
	A20P - SDUCR/L 11	1216 1217	25	20	18.3	13	170		
E..SDUCR/L (Carbide Shank) Approach angle 93°	A25R - SDUCR/L 11	1218 1219	32	25	23	17	200	DC0702	
	A32S - SDUCR/L 11	1220 1221	40	32	30	22	250		
	S16P - SDUCR/L 11	1230 1231	20	16	14.8	11	170		
	S20R - SDUCR/L 11	1232 1233	25	20	18.3	13	200		
	S25S - SDUCR/L 11	1234 1235	32	25	23	17	250		
	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		DC11T3
	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	

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..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..07	Description	Y4008-M2.5x6	-	-	-	Y80-T08
	EDP	18000127	-	-	-	18000165
E..11	Description	Y4015-M3.5x9	-	-	-	Y80-T15
	EDP	18000131	-	-	-	18000167

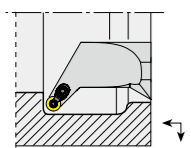
## Turning - Holder - Internal Screw on type for RC\*\* Insert



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

□: p.61 Unit:mm

Series	Designation	EDP 2700.. R	L	DMIN	DCON	H	WF	LF	Insert
X ..-SRGCR/L	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

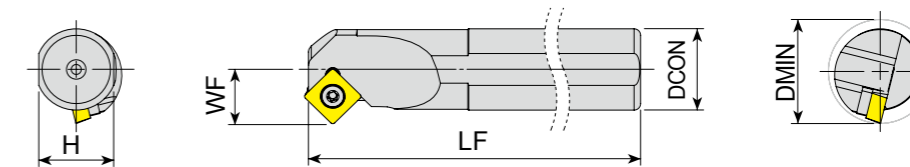
MILLING

DRILLING

TECHNICAL INFORMATION

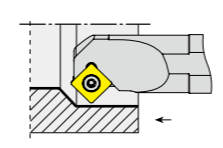
Series	Designation	Infomation	Screw	Clamp	Clamp Screw	Torx Key
..SR..	..08	Description	Y3008-M3x8	-	-	Y80-T08
		EDP	18000125			18000165
	..08C	Description	Y3008-M3x8	YACK-15	Y4015-M3.5x11	Y80-T08
		EDP	18000125	18000069	18000118	18000165

## 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
X ..-SSSCR/L	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	



Approach angle 45°

TURNING

PARTING & GROOVING

MILLING

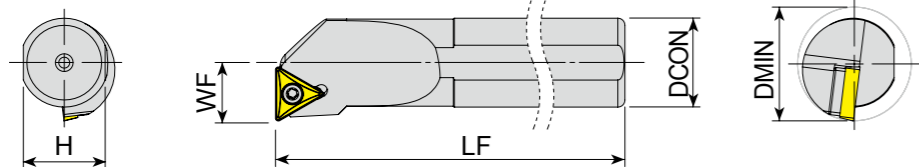
DRILLING

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

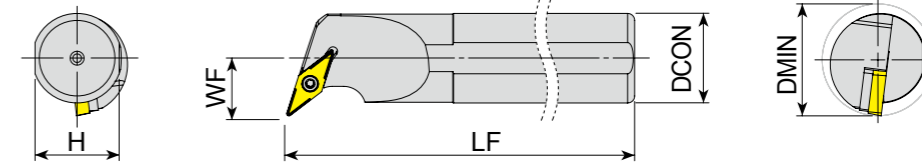
Series	Designation	EDP 2700.. R	EDP 2700.. L	DMIN	DCON	H	WF	LF	Insert
X	S12K - STFCR/L 11	1264	1265	17	12	11	9	125	TC1102
	S16P - STFCR/L 11	1266	1267	20	16	14.8	11	170	
	S20R - STFCR/L 11	1268	1269	25	20	18.3	13	200	
X	S16P - STFCR/L 16	1270	1271	20	16	14.8	11	170	TC16T3
	S20R - STFCR/L 16	1272	1273	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	
	S12K - STUCR/L 11	1279	1280	17	12	11	9	125	
S16P - STUCR/L 11	1281	1282	20	16	14.8	11	170		
S20R - STUCR/L 11	1283	1284	25	20	18.3	13	200		
X	S16P - STUCR/L 16	1285	1286	20	16	14.8	11	170	TC16T3
	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	

..-STFCR/L  
Approach angle  
91°

..-STUCR/L  
Approach angle  
93°

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

..STFCR Shown



□: p.66 Unit:mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	DMIN	DCON	H	WF	LF	Insert
●	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	VB1604
	S32T - SVQBR/L 16	1307	1308	40	32	30	22	300	
	S40U - SVQBR/L 16	1309	1310	50	40	37.5	27	350	
X	S25S - SVJBR/L 16	1295	1296	32	25	23	17	250	VB1604
	S32T - SVJBR/L 16	1297	1298	40	32	30	22	300	
●	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	
	S32T - SVUBR/L 16	1316	1317	40	32	30	22	300	
	S40U - SVUBR/L 16	1318	1319	50	40	37.5	27	350	

..-SVQBR/L  
Approach angle  
107.5°

..-SVJBR/L  
Approach angle  
93°

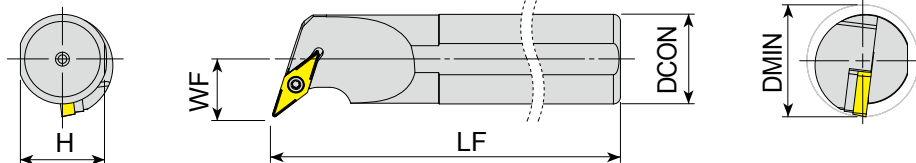
..-SVUBR/L  
Approach angle  
93°

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

Series	Designation	Information	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

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

..SVQCR Shown



: p.67 Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 <b>..SVQCR/L</b> Approach angle 107.5°	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	
 <b>..SVUCR/L</b> Approach angle 93°	X S16P - SVUCR/L11	1495 1496	20	16	14.8	12.5	170	VC1103
	X 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



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