

ISO TURNING

Product Overview

Application Guide

Turning Inserts Overview

Turning Inserts

Turning Holders Overview

Turning Holders



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



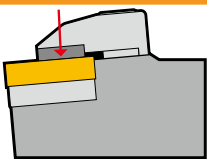
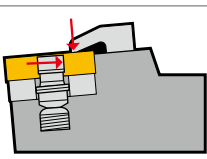
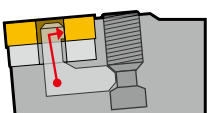
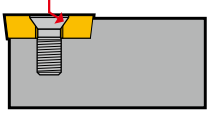
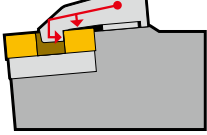
Scan this QR code
to see our
New Grades
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Turning - Name Code System

External Turning Holder Code

1	2	3	4	5	6	7	8	9	10
P	C	L	N	R	25	25	M	12	(C)
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
C	 <p>Top Clamp (No Clamping Hole Insert)</p>
M	 <p>Multi lock (Straight Clamping Hole Insert)</p>
P	 <p>Lever Lock (Straight Clamping Hole Insert)</p>
S	 <p>Screw Clamp (Screw Clamping Hole Insert)</p>
T (D, A)	 <p>Double Clamp (Straight Clamping Hole Insert)</p>

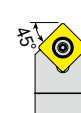

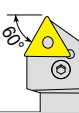


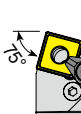
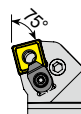
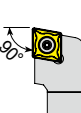
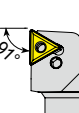

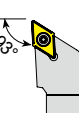
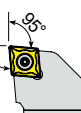
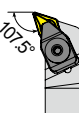
2, 4 - Insert Compatibility *



* Related to Insert Designation to check compatibility

* Refer to '1-shape' of page 18

3 - Tool Style

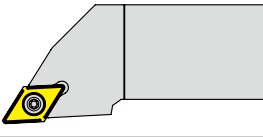
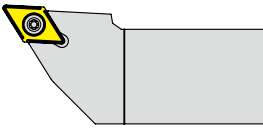
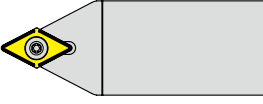
Approach Angle (KAPR)	Side Direction		End Direction
	Straight Shank	Offset Shank	
45°	D 	S 	
60°		T 	
62.5°	N 		
72.5°	V 		
75°	B 		K 
90°/91°	A 	G 	F 
93°		J 	U
95°		L (Both Direction) 	
107.5°		H 	

Turning - Name Code System

External Turning Holder Code

1	2	3	4	5	6	7	8	9
S	D	J	C	R	20	20	K	11
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

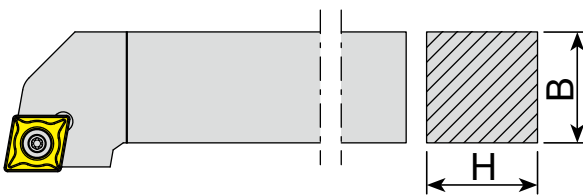
5 - Hand Direction

Symbol	Hand Direction
R	Right Hand 
L	Left Hand 
N	Neutral 

8 - Length (LF)

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

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



9 - Insert Size *

Examples	is Compatible with...
PCLNR 2525M 12	CNMG 1204**
SCLCR 2020K 09	CCMT 09T3**
TWLNr 2525M 08	WNMG 0804**

* Related to Insert Designation to check compatibility

(10 - Optional Clamp)

Symbol	Optional Clamp
C	Included

Turning - Name Code System

Internal Turning Holder Code

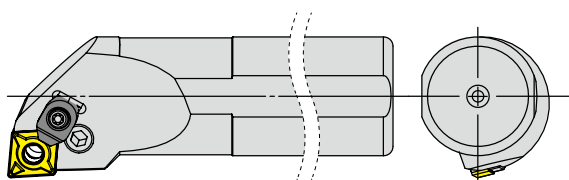
*Metric

1	2	3	4	5	6	7	8	9	10	
A	32	S	-	P	W	L	N	R	12	(C)
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
A	O	Steel
S	X	
E	O	Carbide
C	X	

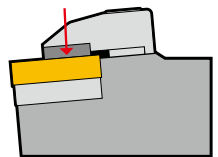
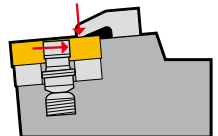
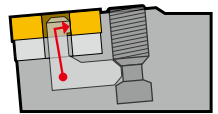
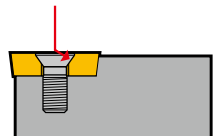
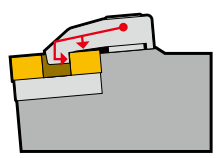
2 - Shank Diameter (DCON)



3 - Length (LF)

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

4 - Clamping System

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

Turning - Name Code System

Internal Turning Holder Code

*Metric

1	2	3	4	5	6	7	8	9
A	25	R	-	S	C	L	C	09
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 (KAPR)	Side Direction	EndDirection
	Offset Shank	
75°		K
91°		F
93°	J 	U
95°	L (Both Direction) 	
107.5°		Q

8 - Hand Direction

Symbol	Hand Direction
R	Right Hand
L	Left Hand

9 - Insert Size *

Examples	is Compatible with ...
PCLNR 2525M 12	CNMG 1204**
SCLCR 2020K 09	CCMT 09T3**
TWLNR 2525M 08	WNMG 0804**

* Related to Insert Designation to check compatibility

5, 7 - Insert Compatibility *



* Related to Insert Designation to check compatibility
* Refer to '1-Shape' of page 18

(10 - Optional Clamp)

Symbol	Optional Clamp
C	Included

Insert ISO Code System

*Metric : According to ISO 1832

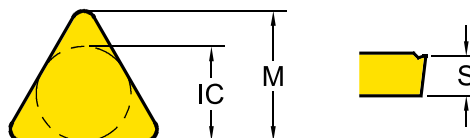
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page 12

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

1 - Shape

Symbol	Shape	
H	Hexagonal	
O	Octagonal	
P	Pentagonal	
S	Square	
T	Triangular	
C	Rhombic 80°	
D	Rhombic 55°	
V	Rhombic 35°	
W	Trigon	
L	Rectangular	
K	Parallelogram 55°	
R	Round	



3 - Tolerance Class

Symbol	Inner Circle IC (mm)	Nose Height M (mm)	Thickness S (mm)
C	± 0.025	± 0.013	± 0.025
E	± 0.025	± 0.025	± 0.025
G	± 0.025	± 0.025	± 0.13
H	± 0.013	± 0.013	± 0.025
K*	± 0.05~0.15*	± 0.013	± 0.025
M*	± 0.05~0.15*	± 0.08~0.2*	± 0.13
U*	± 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
N	No clamping hole	X	
R		One Face	
A	Cylindrical Clamping hole	X	
M		One Face	
G		Both Faces	
W	Screw Hole	X	
T		One Face	
U		Both Faces	
X		Special	

2 - Relief Angle (AN)

Symbol	Relief Angle (AN)	
N	No Relief Angle	
B	Relief 5°	
C	Relief 7°	
P	Relief 11°	
D	Relief 15°	
E	Relief 20°	
F	Relief 25°	
O	Special	

Insert ISO Code System

*Inch

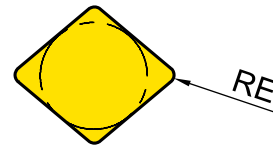
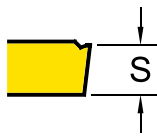
page 14

page 12

1	2	3	4	5	6	7	8	9
C	N	M	G	4	3	2	-UG	YG3115
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
T1	1.98	1.2
02	2.38	1.5
03	3.18	2
T3	3.97	2.5
04	4.76	3
05	5.56	3.5
06	6.35	4
07	7.94	5
09	9.525	6

7 - Corner Radius (RE)

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

Grade Naming System

TURNING

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

PARTING & GROOVING




1 - YG Brand

2 - Workpiece Material

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

3 - Grade Version

4 & 5 - Application Range

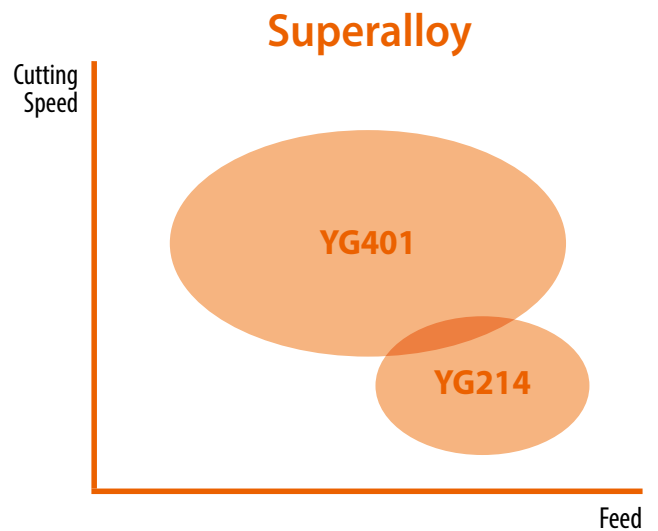
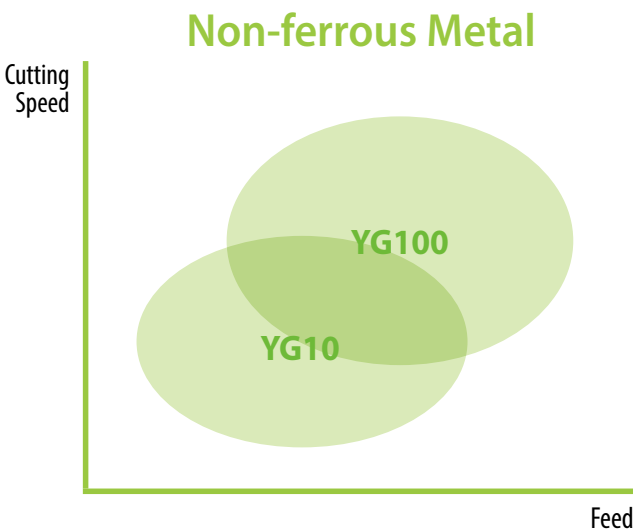
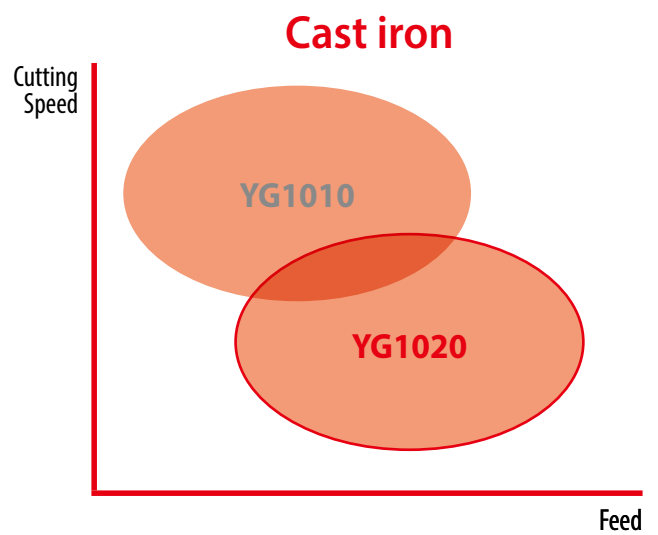
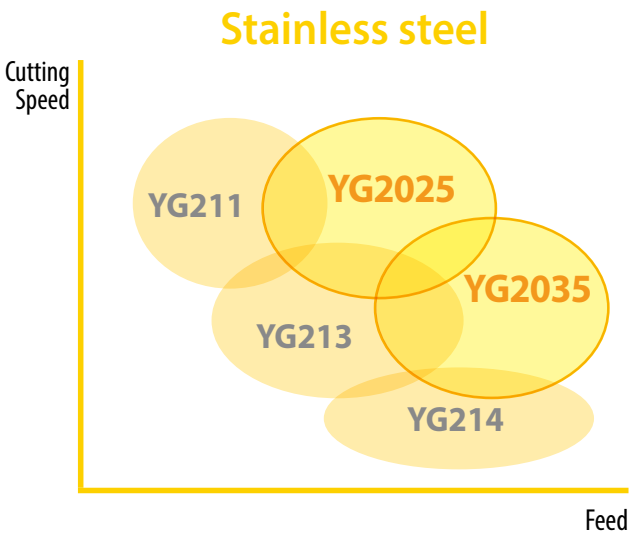
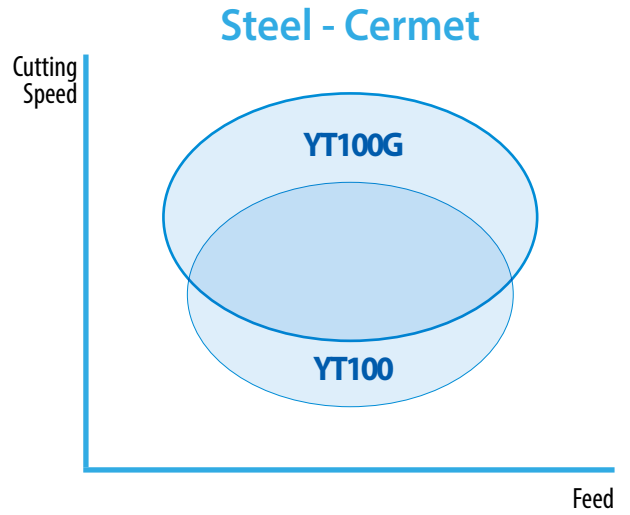
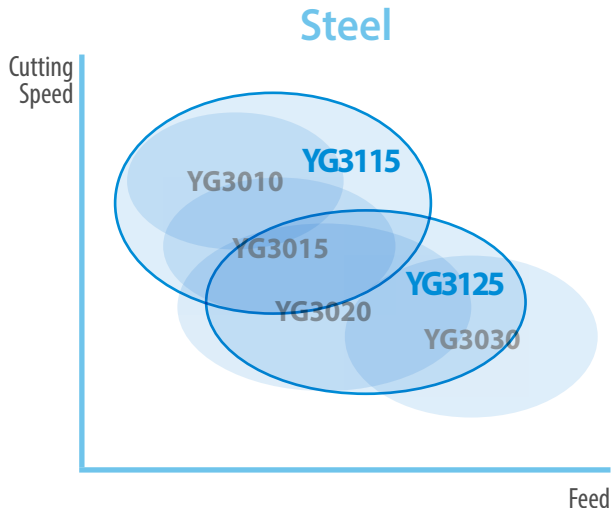
Symbol	
05	 <p>Wear Resistant Grade Stable Application Continuous Cut Finishing</p>
10	
15	
20	 <p>Balanced Grade High Versatility General Application</p>
25	
30	
35	
40	 <p>Tougher Grade Unstable Application Interrupted Cut Chipping Resistance Roughing</p>
45	

(6) - (Minor Variation)

G - Gold Coated Version

Turning Grades Map

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



TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

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						
	YG1020							1020						
	YG3010	3010						3010						
	YG3015	3015												
	YG3115	3115												
	YG3125		3125											
	YG3020		3020											
	YG3030		3030											
	YG2025						2025							
	YG2035							2035						
PVD	YG801	801												
	YG211					211								
	YG213						213							
	YG214							214					214	
Cermet	YG401												401	
	YT100	YT100				YT100		YT100						
DLC	YT100G	YT100G				YT100G		YT100G						
	YG100										100			
-	YG10										10			

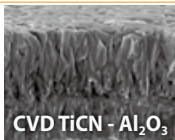
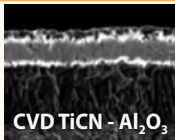
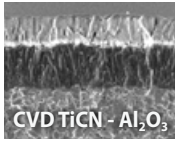
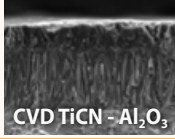
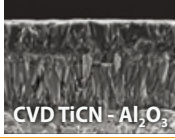
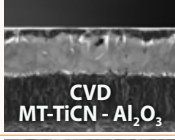
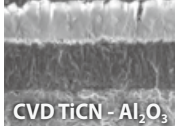
TURNING

PARTING & GROOVING

MILLING

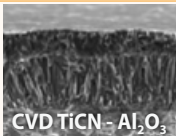
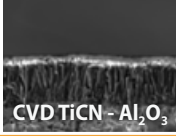

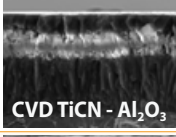
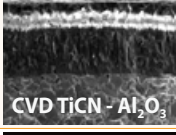
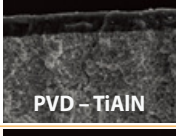
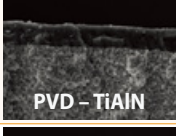
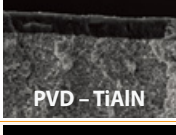
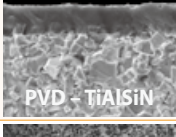
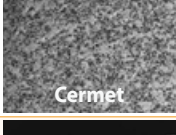
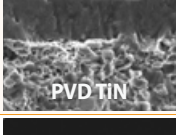


DRILLING

TECHNICAL INFORMATION

YG1010 K05 - K15		<p>First Choice for Cast Iron</p> <ul style="list-style-type: none"> Effective coating structure enables high speed machining Special post treatment for improved chipping resistance
YG1001 P01 - P10 K10 - K25		<p>Stable Machining of Cast Iron</p> <ul style="list-style-type: none"> Substrate especially designed for high wear resistance Thick Al₂O₃ layer ensures good wear resistance at high cutting speeds including dry machining
NEW YG1020 K15 - K25		<p>First choice for ductile cast iron</p> <ul style="list-style-type: none"> Excellent wear and fracture resistance when machining ductile cast iron New coating ensures outstanding resistance to abrasion wear
YG3010 P05 - P20 K15 - K35		<p>First choice for Finishing Steels, and Ductile Cast iron</p> <ul style="list-style-type: none"> Finishing and light machining of steel under in stable condition New Al₂O₃ coating technology and excellent surface smoothness increase wear resistance and chipping resistance
YG3015 P10 - P25		<p>Balanced Productivity for Continuous cut</p> <ul style="list-style-type: none"> High wear resistance and improved toughness ensures high productivity with less trouble
YG3115 P15 - P25		<p>First choice grade for high cutting speed in Steels</p> <ul style="list-style-type: none"> 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
NEW YG3125 P20 - P30		<p>Recommended first grade for steel</p> <ul style="list-style-type: none"> New substrates with a unique combination of good toughness and plastic deformation resistance General Machining on steel

Product Overview

Turning Grades

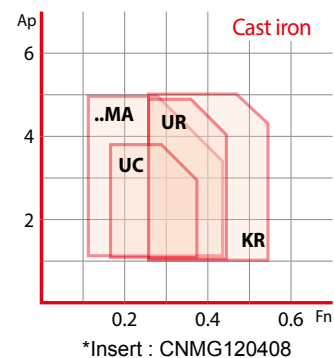
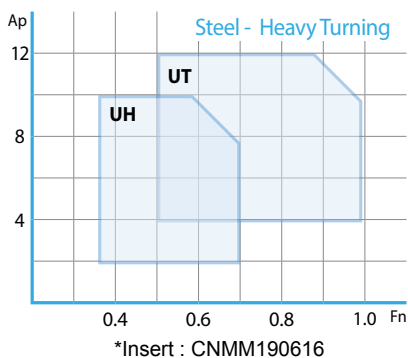
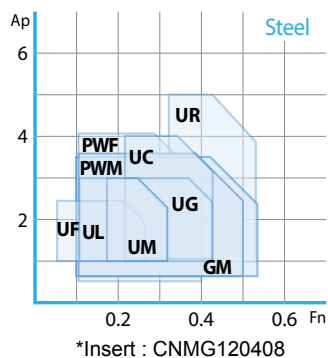
<p>YG3020</p> <p>P15 - P30</p>	 <p>CVD TiCN - Al₂O₃</p>	<p>First Choice Grade for General Steel Application</p> <ul style="list-style-type: none"> • Substrate especially designed for good toughness • Excellent surface smoothness increases wear resistance and reliability
<p>YG3030</p> <p>P20 - P35</p>	 <p>CVD TiCN - Al₂O₃</p>	<p>Interrupted Cutting of Steel and Stainless steel</p> <ul style="list-style-type: none"> • Substrate for heavy roughing in mild steel and low carbon alloy steel • New Al₂O₃ technology and optimized surface treatment achieves a good balance between wear resistance and chipping resistance
<p>YG801</p> <p>P10 - P30</p>	 <p>PVD - TiAlN</p>	<p>for Carbon Steel with Low Cutting Speed</p> <ul style="list-style-type: none"> • Recommended for mild steel and boring application • Substrate and special PVD coating for excellent wear resistance
<p>YG2025</p> <p>M15 - M35</p>	 <p>CVD TiCN - Al₂O₃</p>	<p>CVD grade for High Cutting Speed for Stainless steel</p> <ul style="list-style-type: none"> • 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
<p>NEW YG2035</p> <p>M30 - M40</p>	 <p>CVD TiCN - Al₂O₃</p>	<p>CVD Coated Grade for stainless steel at Low Cutting Speed</p> <ul style="list-style-type: none"> • Substrate withstands heavy interruption, while the coating provides the wear resistance needed for a long tool life • Smooth surface resists build-up edge, even at low cutting speeds
<p>YG211</p> <p>M05 - M25</p>	 <p>PVD - TiAlN</p>	<p>High wear Resistance Grade for Stainless steel</p> <ul style="list-style-type: none"> • Finishing Stainless steel
<p>YG213</p> <p>M20 - M35</p>	 <p>PVD - TiAlN</p>	<p>First Choice Grade on Low Cutting Speed of Stainless steel</p> <ul style="list-style-type: none"> • First choice on Stainless steel for Low cutting speed • For Medium to low cutting speed
<p>YG214</p> <p>M30 - M40</p> <p>S25 - S30</p>	 <p>PVD - TiAlN</p>	<p>Heavy Interrupted cut for Stainless steel</p> <ul style="list-style-type: none"> • For Heavy Interrupted cut on Stainless steel • Minimize risk of Mechanical fracture or Chipping
<p>YG401</p> <p>S10 - S20</p>	 <p>PVD - TiAlSiN</p>	<p>PVD Turning Grade for HRSA</p> <ul style="list-style-type: none"> • 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
<p>YT100</p> <p>P10 - P20</p> <p>M10 - M20</p> <p>K10 - K20</p>	 <p>Cermet</p>	<p>New Generation Cermet Grade</p> <ul style="list-style-type: none"> • Enhanced wear resistance & chipping resistance • Excellent fracture resistance • Superior surface finish with special edge preparation
<p>NEW YT100G</p> <p>P5 - P20</p> <p>M5 - M20</p> <p>K5 - K20</p>	 <p>PVD TiN</p>	<p>PVD-coated Cermet grade for turning</p> <ul style="list-style-type: none"> • Outstanding wear resistance and a low coefficient of friction enable high-speed turning of steels, stainless steels, and cast irons with extended tool life
<p>YG100</p> <p>N05 - N25</p>	 <p>DLC</p>	<p>First Choice Grade for Aluminum with DLC Coating</p> <ul style="list-style-type: none"> • Submicron carbide for high wear resistance • DLC coating minimizes Built Up Edge tendency. • Improve tool life in sticky non-ferrous alloy
<p>YG10</p> <p>N05 - N25</p>	 <p>Uncoated</p>	<p>Uncoated Grade for General Aluminum</p> <ul style="list-style-type: none"> • Substrate consisted of submicron carbide for high wear resistance • Shining surface to prevent built up edge

Product Overview

Turning Chipbreakers - Negative

	P	M	K	N	S	Feed	Fn (mm/rev.)								
							0	0.1	0.2	0.3	0.4	0.5	0.6		
TURNING	P					UF	Finishing		Fn 0.05~0.25 Ap 1.0~2.5						
	P					NEW PWF	Wiper-Finishing		Fn 0.10~0.40 Ap 0.5~4.0						
PARTING & GROOVING	P					UL	Semi Finishing and sticky materials		Fn 0.1~0.3 Ap 1.0~3.0						
	P					UM	Medium & Unstable conditions		Fn 0.15~0.3 Ap 1.0~3.0						
MILLING	P					NEW GM	Medium machining for steel & Stainless steel		Fn 0.17~0.50 Ap 0.8~5.0						
	P					UG	First Choice for Medium (Stable conditions)		Fn 0.2~0.4 Ap 1.0~3.0						
DRILLING	P					PWM	Wiper-Medium		Fn 0.1~0.5 Ap 0.8~3.5						
	P					UH	Low cutting force		Fn 0.35~0.7 Ap 2.0~9.0						
TECHNICAL INFORMATION	P					UT	Heavy roughing		Fn 0.5~1.0 Ap 4.0~12.0						
	P		K			UC	Medium Roughing and First choice for Cast iron		Fn 0.2~0.4 Ap 1.0~4.0						
	P		K			UR	Roughing and Heavy interrupted cut		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						

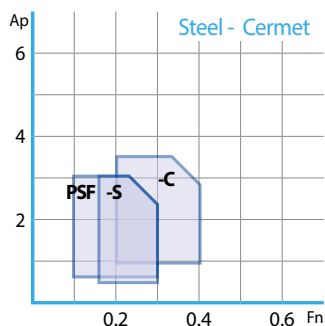
Depth of Cut Ap (mm)



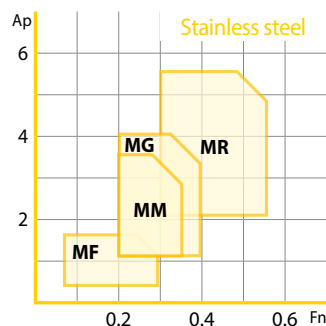
Product Overview

Turning Chipbreakers - Negative

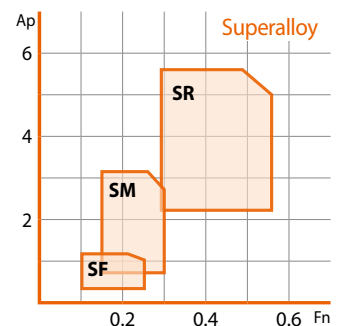
P	M	K	N	S	Code	Material / Application	Diagram	Feed (mm/rev.)							
								0	0.1	0.2	0.3	0.4	0.5	0.6	
		K			KR	Cast Iron Heavy Roughing		Fn 0.3~0.6	Ap 1.0~5.0						
	M			S	MF	Stainless steel Finishing		Fn 0.07~0.30	Ap 0.2~1.5						
P	M			S	MM	Stainless steel Medium and Low Carbon Steel		Fn 0.20~0.35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



*Insert : CNMG120408 / TNGG160408



*Insert : CNMG120408



*Insert : CNMG120408

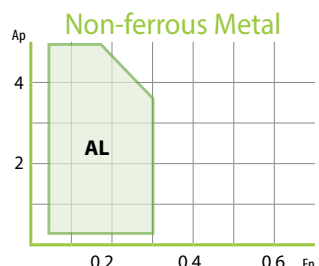
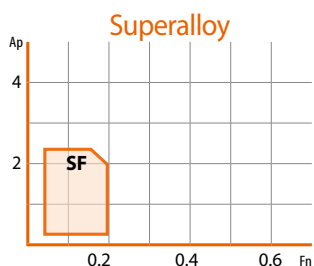
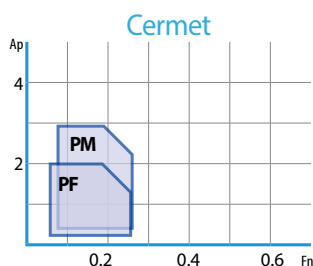
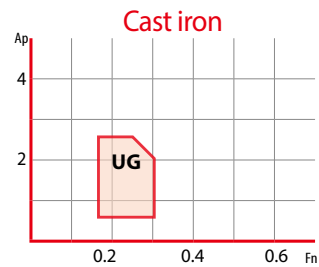
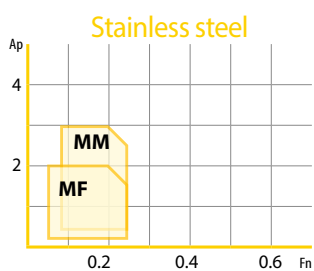
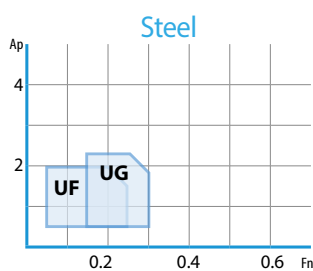
Product Overview

Turning Chipbreakers - Positive

	Material					Application	Diagram	Feed F _n (mm/rev.)						
	P	M	K	N	S			0	0.1	0.2	0.3	0.4	0.5	0.6
TURNING				N		AL	Aluminum application		Fn 0.02~0.30		Ap 0.1~5.0			
	P	M				UF	Finishing application		Fn 0.05~0.25		Ap 0.5~2.0			
PARTING & GROOVING	P		K			UG	Medium application		Fn 0.15~0.30		Ap 0.5~2.5			
		M				MF	Stainless steel Finishing		Fn 0.04~0.30		Ap 0.1~2.0			
MILLING		M				MM	Stainless steel Medium		Fn 0.06~0.35		Ap 0.25~3.0			
					S	SF	HRSA Finishing		Fn 0.03~0.20		Ap 0.1~2.5			
DRILLING	P	M	K			PF	Finishing		Fn 0.06~0.25		Ap 0.1~2.0			
	P	M	K			PM	Medium		Fn 0.08~0.25		Ap 0.25~3.0			

Depth of Cut Ap (mm)

TECHNICAL INFORMATION












*Insert : CCMT09T304







Turning Inserts Overview

Negative Inserts

Recommended Cutting Conditions : p.258

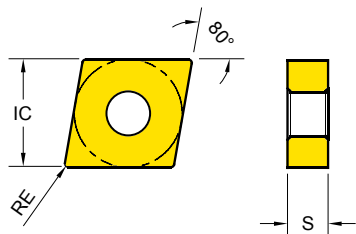
Shape	Series	Size & Thickness										Page					
C		CNMA				1204				1606	1906						
	CNMG	0903	0904		1204					1606	1906					2509	
	CNGG				1204												
	CNMM				1204					1606	1906					2509	
D		DNMA				1504	1506										
	DNMG			1104		1504	1506										
	DNGG					1504	1506										
	DNMM						1506										
	DNUX					1504	1506										
K		KNUX								1604							39
S		SNMA				1204	1506				1906						
	SNMG	0903				1204					1906					2509	
	SNMM						1506				1906		2507	2509			
T		TNMA								1604							
	TNMG									1604		2204					
	TNGG									1604							
	TNMM									1604		2204					
	TNUX									1604							
V		VNMA								1604							
	VNMG									1604							
	VNGG									1604							
W		WNMA				0804											
	WNMG		0604			0804											53
	WNGG					0804											

Positive Inserts

Shape	Series	Size & Thickness										Page					
C		CCGT	0602			09T3					1204						
	CCMT	0602				09T3					1204						57
D		DCGT		0702							11T3						
	DCMT		0702								11T3						60
R		RCMT	0602		0803		10T3				1204		1606				62
	RCMX												1606	2006			63
S		SCGT				09T3											
	SCMT					09T3					1204						64
T		TCGT						1102					16T3				
	TCMT							1102					16T3				66
V		VBGT / VBMT									1103			1604			68
	VCGT / VCMT										1103			1604			69







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

Refer to
Turning holder
p.92,97,113,118,124



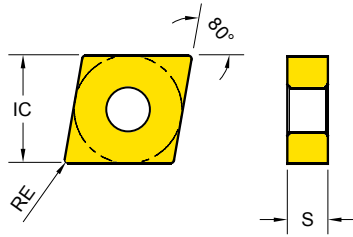
Series	IC	S	Series	IC	S
CN** 0903	9.525	3.18	CN** 1606	15.875	6.35
CN** 0904	9.525	4.76	CN** 1906	19.050	6.35
CN** 1204	12.700	4.76			

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

CNMA CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20
					K20	K30																		
..MA  Cast iron	CNMA 120404	0.4	0.15-0.50	0.5-5.0	●	○	●	○																
	CNMA 120408	0.8	0.15-0.50	1.0-5.0	●	○	●	○																
	CNMA 120412	1.2	0.15-0.50	1.5-5.0	●	○	●	○																
	CNMA 120416	1.6	0.15-0.50	2.0-5.0	●	○	●	○																
	CNMA 160612	1.2	0.15-0.50	1.5-5.0	●	○	●	○																
	CNMA 160616	1.6	0.15-0.50	2.0-5.0	●	○	●	○																
	CNMA 190612	1.2	0.15-0.50	1.5-9.0	●	○	●	○																
	CNMA 190616	1.6	0.15-1.00	3.0-10.0	●	○	●	○																
-UF  Finishing	CNMG 120404 - UF	0.4	0.05-0.25	0.5-2.5				○			●	●	●	○						○				
	CNMG 120408 - UF	0.8	0.05-0.25	1.0-2.5				○	○		●	●	●	●										
	CNMG 120412 - UF	1.2	0.05-0.25	1.5-2.5				○			●	●	●	●										
NEW -PWF  Wiper-Finishing	CNMG120404 - PWF	0.4	0.08-0.30	0.3-4.0	●						●	●	●											
	CNMG120408 - PWF	0.8	0.10-0.40	0.5-4.0	●						●	●	●	●										
-UL  Light Machining and Sticky Material	CNMG 090308 - UL	0.8	0.10-0.30	1.0-2.5				○			●	●	●	●										
	CNMG 090312 - UL	1.2	0.10-0.30	1.5-2.5				○			●	●	●	●										
	CNMG 090408 - UL	0.8	0.10-0.30	1.0-2.5				○			●	●	●	●										
	CNMG 090412 - UL	1.2	0.10-0.30	1.5-2.5				○			●	●	●	●										
	CNMG 120404 - UL	0.4	0.10-0.30	0.5-3.0				○			●	●	●	●										
	CNMG 120408 - UL	0.8	0.10-0.30	1.0-3.0				○			●	●	●	●										
-UM  Medium Machining Unstable condition	CNMG 120404 - UM	0.4	0.15-0.30	0.5-3.0		●		○			●	●	●	●										
	CNMG 120408 - UM	0.8	0.15-0.30	1.0-3.0	●	●		○	○		●	●	●	●										
	CNMG 120412 - UM	1.2	0.15-0.30	1.5-3.0	●			○			●	●	●	●										
NEW -GM  Medium machining for steel & Stainless steel	CNMG 120404 - GM	0.4	0.15~0.40	0.5~4.0							●	●								●				
	CNMG 120408 - GM	0.8	0.17~0.50	0.8~5.0							●	●									●			
	CNMG 120412 - GM	1.2	0.20~0.55	1.0~5.0							●	●									●			






Turning Inserts - Negative CNMG (80° Rhombic)

Refer to
Turning holder
p.92,97,113,118,124



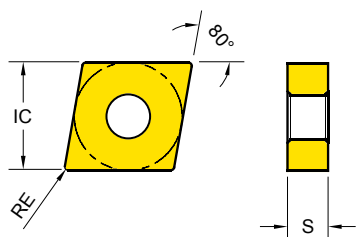
Series	IC	S	Series	IC	S
CN** 0903	9.525	3.18	CN** 1606	15.875	6.35
CN** 0904	9.525	4.76	CN** 1906	19.050	6.35
CN** 1204	12.700	4.76	CN** 2509	25.400	9.52

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

CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
					K10	P05	K20	P10	P15	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	M15	M10	N20
-UG  Medium Machining at stable condition	CNMG 120404 - UG	0.4	0.20-0.40	0.5-3.0	●	○	●	○		●	●	●	●											
	CNMG 120408 - UG	0.8	0.20-0.40	1.0-3.0	●	○	●	○	○	●	●	●	●	○										
	CNMG 120412 - UG	1.2	0.20-0.40	1.5-3.0	●	○	●	○		●	●	●	●											
	CNMG 160608 - UG	0.8	0.20-0.40	1.0-5.0	●	○		○		●	●	●	●											
	CNMG 160612 - UG	1.2	0.20-0.40	1.5-5.0	●	○		○		●	●	●	●		○	●								
	CNMG 160616 - UG	1.6	0.30-0.50	2.0-5.0	●	○		○		●	●	●	●											
	CNMG 190608 - UG	0.8	0.20-0.60	1.0-6.0	●			○		●	●	●	●											
	CNMG 190612 - UG	1.2	0.20-0.60	1.5-6.0						●	●	●	●											
-PWM  Wiper-Medium	CNMG 120404 - PWM	0.4	0.10-0.50	0.5-3.5	●	○				●	●	●	○											
	CNMG 120408 - PWM	0.8	0.10-0.50	0.8-3.5	●					●	●	●	●	○	●						●			
	CNMG 120412 - PWM	1.2	0.10-0.50	1.0-3.5	●					●	●	●	●											
-UC  Cast iron and Medium roughing	CNMG 120404 - UC	0.4	0.20-0.40	0.5-4.0	●	○	●	○		●	●	●	●											
	CNMG 120408 - UC	0.8	0.20-0.40	1.0-4.0	●	○	●	○		●	●	●	●											
	CNMG 120412 - UC	1.2	0.20-0.40	1.5-4.0	●	○	●	○		●	●	●	●											
-UR  Roughing	CNMG 120408 - UR	0.8	0.30-0.50	1.0-5.0	●	○	●	○		●	●	●	●											
	CNMG 120412 - UR	1.2	0.30-0.50	1.5-5.0	●	○	●	○		●	●	●	●	○					○					
	CNMG 120416 - UR	1.6	0.30-0.50	2.0-5.0	●	○	●	○		●	●	●	●											
	CNMG 160608 - UR	0.8	0.30-0.50	1.0-5.0	●	○		○		●	●	●	●											
	CNMG 160612 - UR	1.2	0.30-0.50	1.5-5.0	●	○		○		●	●	●	●											
	CNMG 160616 - UR	1.6	0.30-0.50	2.0-5.0	●	○		○		●	●	●	●											
	CNMG 190608 - UR	0.8	0.30-0.80	3.0-9.0	●		○	○		●	●	●	●											
	CNMG 190612 - UR	1.2	0.30-0.80	3.0-9.0	●	○		○		●	●	●	●											
	CNMG 190616 - UR	1.6	0.30-0.80	3.0-9.0	●	○		○		●	●	●	●											
	CNMG 250924 - UR	2.4	0.40-1.00	5.0-12.0						●	●	●	●											
-KR  Cast Iron Heavy Roughing	CNMG 120408 - KR	0.8	0.30-0.60	1.0-5.0	●	○	●	○		●			●											
	CNMG 120412 - KR	1.2	0.30-0.60	1.5-5.0	●	○	●	○		●			●											
	CNMG 160612 - KR	1.2	0.30-0.60	1.5-6.0	●	○		○		●			●											
	CNMG 160616 - KR	1.6	0.30-0.60	2.0-6.0	●	○		○		●			●											
	CNMG 190612 - KR	1.2	0.30-1.00	3.0-9.0	●					●			●											





Turning Inserts - Negative CNMG (80° Rhombic)

Refer to
Turning holder
p.92,97,113,118,124



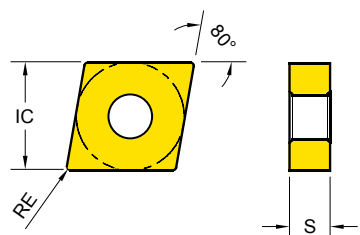
Series	IC	S	Series	IC	S
CN** 0903	9.525	3.18	CN** 1606	15.875	6.35
CN** 0904	9.525	4.76	CN** 1906	19.050	6.35
CN** 1204	12.700	4.76			

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

CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	M15	M10	N20	N20	
					K20	K30	K15	K10	K15	K10	N20	N20															
-MF  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																							
-MM  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																							
-MG  Stainless steel General	CNMG120404 - MG	0.4	0.20 - 0.40	0.5 - 4.0																							
	CNMG 120408 - MG	0.8	0.20 - 0.40	1.0 - 4.0																							
	CNMG 120412 - MG	1.2	0.20 - 0.40	1.5 - 4.0																							
	CNMG 160608 - MG	0.8	0.20 - 0.45	1.0 - 4.0																							
	CNMG 160612 - MG	1.2	0.20 - 0.50	2.0 - 4.0																							
	CNMG 160616 - MG	1.6	0.20 - 0.50	2.0 - 4.0																							
	CNMG 190616 - MG	1.6	0.20 - 0.50	2.0 - 5.0																							
-MR  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																							
	CNMG 160616 - MR	1.6	0.30 - 0.55	2.0 - 6.0																							



Turning Inserts - Negative CNMM - Heavy Turning (80° Rhombic)

Refer to
Turning holder
p.92,97,113,118,124



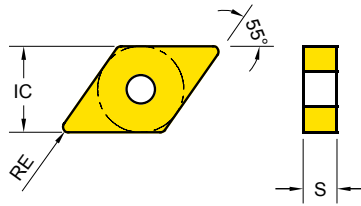
Series	IC	S	Series	IC	S
CN** 1204	12.700	4.76	CN** 1906	19.050	6.35
CN** 1606	15.875	6.35	CN** 2507	25.400	7.94
			CN** 2509	25.400	9.52

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

CNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20	
					K20	K30	S30	K15	K10																
- UH  Low cutting force	CNMM 120408 - UH	0.8	0.30-0.50	1.5-5.0																					
	CNMM 120412 - UH	1.2	0.30-0.55	1.6-5.0																					
	CNMM 120416 - UH	1.6	0.30-0.60	2.0-5.0																					
	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	●		●																		
	CNMM 250724 - UH	2.4	0.40-0.80	3.0-10.0																					
	CNMM 250924 - UH	2.4	0.40-0.80	3.0-10.0	●		●																		
- 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	●		○	●																	
	CNMM 190624 - UT	2.4	0.50-1.00	6.0-12.0	●		○	●																	
	CNMM 250724 - UT	2.4	0.40-0.80	3.0-10.0																					
	CNMM 250924 - UT	2.4	0.55-1.20	6.0-13.0	●		○	●																	





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

Refer to
Turning holder
p. 93, 98, 114, 119, 124



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

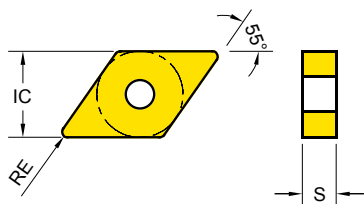
EDP 2200.. ● : Stock item ○ : Order made item

DNMA DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20
					K20	K30	S30	M15	M10	K15	K10													
..MA  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	●	○	●	○																
-UF  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				○																
NEW -PWF  Wiper-Finishing	DNMG110404 - PWF	0.4	0.08-0.30	0.3-2.5	●																			
	DNMG110408 - PWF	0.8	0.10-0.40	0.5-2.5	●																			
	DNMG150408 - PWF	0.8	0.10-0.40	0.5-3.5	●																			
	DNMG 150608 - PWF	0.8	0.10-0.40	0.5-3.5	●																			
-UL  Light Machining and Sticky Material	DNMG 110404 - UL	0.4	0.10-0.3	0.5-2.5				○																
	DNMG 110408 - UL	0.8	0.10-0.3	1.0-2.5				○																
	DNMG 150404 - UL	0.4	0.10-0.3	0.5-3.0				○																
	DNMG 150408 - UL	0.8	0.10-0.3	1.0-3.0				○	○															
	DNMG 150412 - UL	1.2	0.10-0.3	1.5-3.0				○	○															
	DNMG 150604 - UL	0.4	0.10-0.3	0.5-3.0				○																
	DNMG 150608 - UL	0.8	0.10-0.3	1.0-3.0				○																
	DNMG 150612 - UL	1.2	0.10-0.3	1.5-3.0				○																

Turning Inserts - Negative DNMG (55° Rhombic)

Refer to
Turning holder
p.93,98,114,119,124

TURNING



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

PARTING & GROOVING

MILLING

DRILLING

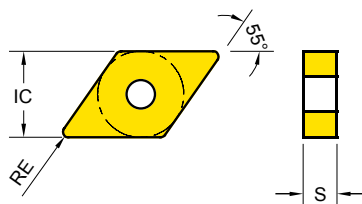
TECHNICAL INFORMATION

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

DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20	
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10	
-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	○	○	○	○	○	○	○	○	○	○											
-GM Medium machining for steel & Stainless steel	DNMG 150404 - GM	0.4	0.15-0.40	0.5-4.0							●	●								●					
	DNMG 150408 - GM	0.8	0.17-0.50	0.8-4.0							●	●									●				
	DNMG 150412 - GM	1.2	0.20-0.55	1.0-4.0							●	●									●				
	DNMG 150608 - GM	0.8	0.17-0.50	0.8-4.0							●	●									●				
	DNMG 150612 - GM	1.2	0.20-0.55	1.0-4.0							●	●									●				
-UG Medium Machining at stable condition	DNMG 110408 - UG	0.8	0.20-0.40	1.0-2.5							●														
	DNMG 110412 - UG	1.2	0.20-0.40	1.5-2.5							●														
	DNMG 150404 - UG	0.4	0.20-0.40	0.5-3.0	●	○	●	○			●	●	●	●											
	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 150616 - UG	1.6	0.20-0.40	1.8-3.0							●														
	-UC Cast iron and Medium roughing	DNMG 150404 - UC	0.4	0.20-0.40	0.5-4.0	●	○	●	○			●	●	●											
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	●	○	●	○			●	●	●	○											
DNMG 150604 - UC		0.4	0.20-0.40	0.5-4.0	●	○	●	○			●	●	●	○											
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	●	○	●	○			●	●	●	○											
-UR Roughing	DNMG 150408 - UR	0.8	0.30-0.50	1.0-5.0	●	○	●	○			●	●	●												
	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	●	○	●	○			●	●	●	○							○				
	DNMG 150616 - UR	1.6	0.30~0.50	1.8~5.0	●	○	●	○			●	●	●	○							○				

Turning Inserts - Negative DNMG (55° Rhombic)

Refer to
Turning holder
p. 93, 98, 114, 119, 124



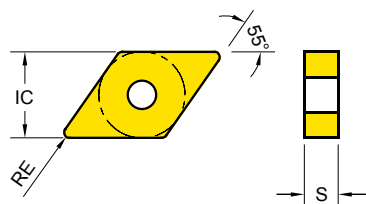
Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

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

DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20		
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10	K15	M10
-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 150412 - MM	1.2	0.20 - 0.35	1.5 - 3.5																						
	DNMG 150604 - MM	0.4	0.20 - 0.35	0.5 - 3.5																						
	DNMG 150608 - MM	0.8	0.20 - 0.35	1.0 - 3.5																						
	DNMG 150612 - MM	1.2	0.20 - 0.35	1.5 - 3.5																						
-MG Stainless steel General	DNMG 110404 - MG	0.4	0.20 - 0.40	0.5 - 3.0																						
	DNMG 110408 - MG	0.8	0.20 - 0.40	0.8 - 3.0																						
	DNMG 150404 - MG	0.4	0.20 - 0.40	0.5 - 4.0																						
	DNMG 150408 - MG	0.8	0.20 - 0.40	1.0 - 4.0																						
	DNMG 150412 - MG	1.2	0.20 - 0.40	1.5 - 4.0																						
	DNMG 150604 - MG	0.4	0.20 - 0.40	0.5 - 4.0																						
	DNMG 150608 - MG	0.8	0.20 - 0.40	1.0 - 4.0																						
	DNMG 150612 - MG	1.2	0.20 - 0.40	1.5 - 4.0																						
-MR Stainless steel Roughing	DNMG 150408 - MR	0.8	0.30 - 0.55	2.0 - 5.5																						
	DNMG 150412 - MR	1.2	0.30 - 0.55	2.0 - 5.5																						
	DNMG 150608 - MR	0.8	0.30 - 0.55	2.0 - 5.5																						
	DNMG 150612 - MR	1.2	0.30 - 0.55	2.0 - 5.5																						





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

Refer to
Turning holder
p. 93, 98, 114, 119, 124



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

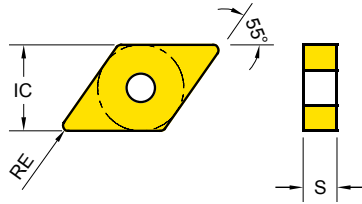
EDP 2200.. ● : Stock item ○ : Order made item

DNGG DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20		
					K20	K30	K15	K10	M15	M10	M15	M10	M15	M10	M15	M10	M15	M10	M15	M10	M15	M10	M15	M10	M15	M10
-SF  HRSA Finishing	DNGG 150404 - SF	0.4	0.10-0.25	0.2-1.0																	●					
	DNGG 150408 - SF	0.8	0.10-0.25	0.2-1.0																		●				
	DNGG 150604 - SF	0.4	0.10-0.25	0.2-1.0																		●				
	DNGG 150608 - SF	0.8	0.10-0.25	0.2-1.0																		●				
-SM  HRSA Medium	DNMG 150408 - SM	0.8	0.15-0.30	0.5-3.0					○												○	○	○	●		
	DNMG 150412 - SM	1.2	0.15-0.30	0.5-3.0																		○	○	○	●	
	DNMG 150608 - SM	0.8	0.15-0.30	0.5-3.0					●														○	○	○	●
	DNMG 150612 - SM	1.2	0.15-0.30	0.5-3.0																			○	○	○	●
-SR  HRSA Roughing	DNMG 150408 - SR	0.8	0.30-0.55	2.0-5.5																		●				
	DNMG 150412 - SR	1.2	0.30-0.55	2.0-5.5																			●			
	DNMG 150608 - SR	0.8	0.30-0.55	2.0-5.5																			●			
	DNMG 150612 - SR	1.2	0.30-0.55	2.0-5.5																			●			
-PSF  Cermet Finishing	DNMG 150404 - PSF	0.4	0.07-0.30	0.4-3.0																		●	○			
	DNMG 150408 - PSF	0.8	0.10-0.30	0.6-3.0																			●	○		
	DNMG 150604 - PSF	0.4	0.07-0.30	0.4-3.0																			●	○		
	DNMG 150608 - PSF	0.8	0.10-0.35	0.6-3.0																			●	○		

Turning Inserts - Negative

DNMM - Heavy Turning (55° Rhombic)

Refer to Turning holder
p. 93, 98, 114, 119, 124



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

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

DNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
					K10	P05 K20	K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 M15 K15	P10 M10 K10	N20	N20
-UH	DNMM 150612 - UH	1.2	0.30-0.50	2.0-7.0						●	●	●	●		●									
										2731	3414	2327	2328		2769									
-UT	DNMM 150612 - UT	1.2	0.40-0.70	2.0-8.0						●	●	●	●											
										2732	3415	2329	2330											



Low cutting force



Heavy Roughing

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

Refer to
Turning holder
p. 93, 98, 114, 119, 124

TURNING

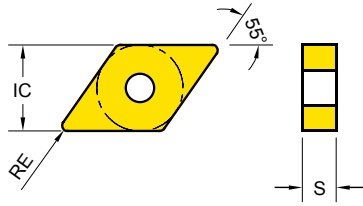
PARTING & GROOVING

MILLING



DRILLING

TECHNICAL INFORMATION

Series	IC	S
DNUX 1504	12.7	4.76
DNUX 1506	12.7	6.35



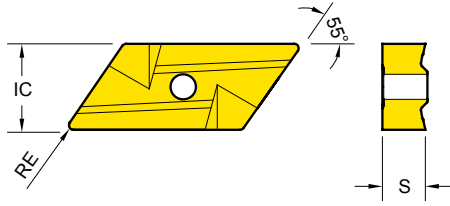
EDP 2200.. ● : Stock item ○ : Order made item

DNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20
					K20	K30	K30	S30	M15	M10	K15	K10												
..UX  Left Hand Shown	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	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
..UX  Right Hand Shown	DNUX 150404 R	0.4	0.10-0.35	0.7-4.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	DNUX 150408 R	0.8	0.10-0.35	1.0-4.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	DNUX 150604 R	0.4	0.10-0.35	0.7-4.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	DNUX 150608 R	0.8	0.10-0.35	1.0-4.0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

Turning Inserts - Negative

KNUX (2 Corners 55° Parallelogram)

Refer to Turning holder p. 99, 127



Series	IC	S
KN** 1604	9.525	4.76

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

KNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20
					YG1001	K20	K30	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
..UX Left Hand Shown	KNUX 160405 L	0.5	0.10-0.40	0.5-6.0				○		●	●	●	●	○										
	KNUX 160410 L	1.0	0.30-0.60	1.0-6.0				○		●	●	●	●											
..UX Right Hand Shown	KNUX 160405 R	0.5	0.10-0.40	0.5-6.0				○		●	●	●	●	○										
	KNUX 160410 R	1.0	0.30-0.60	1.0-6.0				○		●	●	●	●											

TURNING

PARTING & GROOVING

MILLING

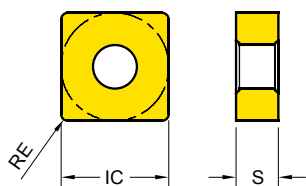
DRILLING

TECHNICAL INFORMATION

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

Refer to
Turning holder
p. 94, 100, 115, 120





TURNING



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

PARTING & GROOVING

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

SNMA SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
..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	1.6	0.15-0.50	1.8-5.0	●	○	●	○																
	SNMA 150612	1.2	0.15-0.50	1.5-5.0	●	○	●	○																
	SNMA 190616	1.6	0.15-0.50	2.0-9.0	●	○	●	○																
-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		○		○			●	●	●	●										

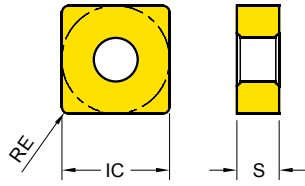
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative SNMG (90° Square)

Refer to
Turning holder
p. 94, 100, 115, 120



Series	IC	S	Series	IC	S
SN** 0903	9.525	3.18	SN** 1906	19.050	6.35
SN** 1204	12.700	4.76	SN** 2509	25.400	9.52
SN** 1506	15.875	6.35			

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

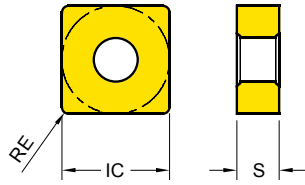
SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10		P05		K20		P10		P15		P20		P30		P20		M25		M35		M15		M30		M40		S10		P15		P10		N20		N20	
					K20	K30	K20	K30	P10	P15	P20	P30	P20	M25	M35	M15	M30	M40	S10	M15	M10	N20	N20																	
-UG Medium Machining at stable condition	SNMG 120408 - UG	0.8	0.20-0.40	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 120404 - UC	0.4	0.20-0.40	0.5-4.0	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○		
	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 150616 - UR	1.6	0.30-0.60	2.0-7.0	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○		
	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	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○		
	SNMG 250924 - UR	2.4	0.40-1.00	5.0-12.0	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○		
-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
PARTING & GROOVING
MILLING
DRILLING
TECHNICAL INFORMATION

Turning Inserts - Negative

SNMM - Heavy Turning (90° Square)

Refer to Turning holder
p. 94, 100, 115, 120



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

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

SNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20		
					K20	K30	S30	M15	M10	K15	K10															
-UH Low cutting force	SNMM 150612 - UH	1.2	0.35-0.60	2.0-5.5																						
	SNMM 190612 - UH	1.2	0.35-0.70	1.5-9.0	●			●																		
	SNMM 190616 - UH	1.6	0.35-0.70	2.0-9.0	●			●																		
	SNMM 190624 - UH	2.4	0.35-0.70	3.0-9.0	●			●																		
	SNMM 250724 - UH	2.4	0.40-0.80	3.0-10.0																						
	SNMM 250924 - UH	2.4	0.40-0.80	3.0-10.0	●			●																		
-UT Heavy Roughing	SNMM 150612 - UT	1.2	0.45-0.70	2.0-6.0																						
	SNMM 190612 - UT	1.2	0.50-1.00	3.0-12.0	●		○	●																		
	SNMM 190616 - UT	1.6	0.50-1.00	4.0-12.0	●		○	●																		
	SNMM 190624 - UT	2.4	0.50-1.00	6.0-12.0	●		○	●																		
	SNMM 250724 - UT	2.4	0.55-1.20	6.0-13.0	●	●		●																		
	SNMM 250924 - UT	2.4	0.55-1.20	6.0-13.0	●	●	○	●																		

Turning Inserts - Negative TNMA / TNMG (60° Triangle)

Refer to
Turning holder
p.95, 101, 116, 121, 125

TURNING

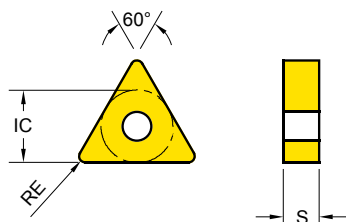
PARTING & GROOVING

MILLING







DRILLING

TECHNICAL INFORMATION

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

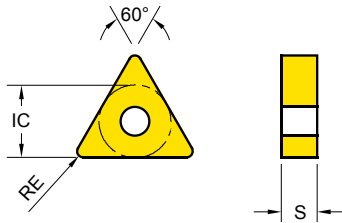


EDP 2200.. ● : Stock item ○ : Order made item

TNMA TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S30	S10	P15	P10	N20	N20
					K20	K30	K15	K10	N20	N20															
..MA  Cast iron	TNMA 160404	0.4	0.15-0.50	0.5-5.0	●	○	●	○																	
	TNMA 160408	0.8	0.15-0.50	1.0-5.0	●	○	●	○																	
	TNMA 160412	1.2	0.15-0.50	1.5-5.0	●	○	●	○																	
-UF  Finishing	TNMG 160404 - UF	0.4	0.05-0.25	0.5-2.5				○	●	●	●	●	○												
	TNMG 160408 - UF	0.8	0.05-0.25	1.0-2.5				○	●	●	●	●													
	TNMG 160412 - UF	1.2	0.05-0.25	1.5-2.5				○	●	●	●	●													
	TNMG 220404 - UF	0.4	0.10-0.35	0.5-4.0				○	●	●	●	●	○												
NEW -PWF  Wiper-Finishing	TNMG160404 - PWF	0.4	0.08-0.25	0.3-2.5	●				●	●	●	●										○			
					3854				3858	3865		3872											3873		
-UL  Light Machining and Sticky Material	TNMG 160404 - UL	0.4	0.10-0.30	0.5-3.0				○	●	●	●	●													
	TNMG 160408 - UL	0.8	0.10-0.30	1.0-3.0				○	○	●	●	●	●												
	TNMG 160412 - UL	1.2	0.10-0.30	1.5-3.0				○	○	●	●	●	●												
-UM  Medium Machining Unstable condition	TNMG 160404 - UM	0.4	0.15-0.30	0.5-3.0	○	○		○	○	●	●	●	●												
	TNMG 160408 - UM	0.8	0.15-0.30	1.0-3.0	○	○		○	○	●	●	●	●												
	TNMG 160412 - UM	1.2	0.15-0.30	1.5-3.0	○	○		○	○	●	●	●	●												
NEW -GM  Medium machining for steel & Stainless steel	TNMG 160404 - GM	0.4	0.15-0.40	0.5-4.5					●	●															
	TNMG 160408 - GM	0.8	0.17-0.50	0.8-4.5					●	●															
	TNMG 160412 - GM	1.2	0.20-0.55	1.0-4.5					●	●															




Turning Inserts - Negative TNMG (60° Triangle)

Refer to
Turning holder
p. 95, 101, 116, 121, 125



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

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

TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20	
					K20	K30	S30	M15	M10	K15	K10														
-UG  Medium Machining at stable condition	TNMG 160404 - UG	0.4	0.20-0.40	0.5-3.0	●	○	●	○		●	●	●	●												
	TNMG 160408 - UG	0.8	0.20-0.40	1.0-3.0	●	○	●	○	○	●	●	●	●	○					○						
	TNMG 160412 - UG	1.2	0.20-0.40	1.5-3.0	●	○	●	○	○	●	●	●	●												
	TNMG 220408 - UG	0.8	0.25-0.60	1.0-6.0	●	○	●	○		●	●	●	●	○											
	TNMG 220412 - UG	1.2	0.25-0.60	1.5-6.0	●	○	●	○		●	●	●	●												
	TNMG 220416 - UG	1.6	0.25-0.60	2.0-6.0	●	○	○	○	○	●	●	●	●												
-UC  Cast iron and Medium roughing	TNMG 160404 - UC	0.4	0.20-0.40	0.5-4.0	●	○	●	○		●	●	●	●												
	TNMG 160408 - UC	0.8	0.20-0.40	1.0-4.0	●	○	●	○		●	●	●	●												
	TNMG 160412 - UC	1.2	0.20-0.40	1.5-4.0	●	○	●	○		●	●	●	●												
	TNMG 220416 - UC	1.6	0.20-0.40	2.0-4.0							●	●	●												
-UR  Roughing	TNMG 160408 - UR	0.8	0.30-0.50	1.0-5.0	●	○	●	○		●	●	●	●												
	TNMG 160412 - UR	1.2	0.30-0.50	1.5-5.0	●	○	●	○	○	●	●	●	●	○						○					
	TNMG 220412 - UR	1.2	0.30-0.65	1.5-7.0	●	○	●	○		●	●	●	●	○											
	TNMG 220416 - UR	1.6	0.30-0.65	2.0-7.0	●	○	●	○		●	●	●	●												

TURNING

PARTING & GROOVING

MILLING

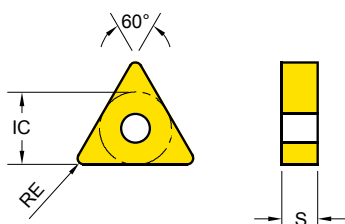
DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative TNMG (60° Triangle)

Refer to
Turning holder
p.95, 101, 116, 121, 125





TURNING



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

PARTING & GROOVING

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

TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
-MF  Stainless steel Finishing	TNMG 160404 - MF	0.4	0.07-0.3	0.2-1.5																				
	TNMG 160408 - MF	0.8	0.07-0.3	0.2-1.5																				
-MM  Stainless steel Medium	TNMG 160404 - MM	0.4	0.20-0.35	0.5-3.5																				
	TNMG 160408 - MM	0.8	0.20-0.35	1.0-3.5																				
	TNMG 160412 - MM	1.2	0.20-0.35	1.5-3.5																				
-MG  Stainless steel General	TNMG 160404 - MG	0.4	0.20-0.40	0.5-4.0																				
	TNMG 160408 - MG	0.8	0.20-0.40	1.0-4.0																				
	TNMG 160412 - MG	1.2	0.20-0.50	2.0-4.0																				
-MR  Stainless steel Roughing	TNMG 160408 - MR	0.8	0.30-0.55	2.0-5.5																				
	TNMG 160412 - MR	1.2	0.30-0.55	2.0-5.5																				

MILLING

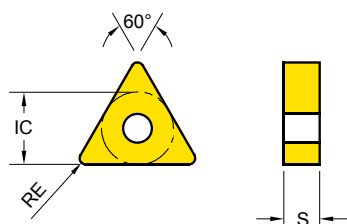
DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative TNGG / TNMG (60° Triangle)





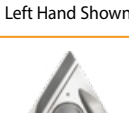
Refer to
Turning holder
p. 95, 101, 116, 121, 125

TURNING



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

PARTING & GROOVING

TNGG TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200.. ● : Stock item ○ : Order made item																				
					K10	P05 K20	K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 M15 K15	P10 M10 K10	N20	N20	
-PSF  Cermet Finishing	TNMG 160404 - PSF	0.4	0.07-0.30	0.4-2.5	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10	
	TNMG 160408 - PSF	0.8	0.10-0.30	0.6-2.5																		●	○		
NEW -S  Cermet Finishing Left Hand Shown	TNGG 160402L - S	0.2	0.10-0.20	0.3-2.0																	●	○			
	TNGG 160404L - S	0.4	0.10-0.20	0.4-2.0																		●	○		
	TNGG 160408L - S	0.8	0.12-0.22	0.6-2.0																		●	○		
NEW -S  Cermet Finishing Right Hand Shown	TNGG 160402R - S	0.2	0.10-0.20	0.3-2.0																	●	○			
	TNGG 160404R - S	0.4	0.10-0.20	0.4-2.0																		●	○		
	TNGG 160408R - S	0.8	0.12-0.22	0.6-2.0																		●	○		
-C  Cermet Medium Left Hand Shown	TNGG 160402L - C	0.2	0.20-0.40	0.3-3.5																	○	○			
	TNGG 160404L - C	0.4	0.20-0.40	0.5-3.5																		○	○		
	TNGG 160408L - C	0.8	0.20-0.40	1.0-3.5																		○	○		
-C  Cermet Medium Right Hand Shown	TNGG 160402R - C	0.2	0.20-0.40	0.3-3.5																	○	○			
	TNGG 160404R - C	0.4	0.20-0.40	0.5-3.5																		○	○		
	TNGG 160408R - C	0.8	0.20-0.40	1.0-3.5																		○	○		

MILLING

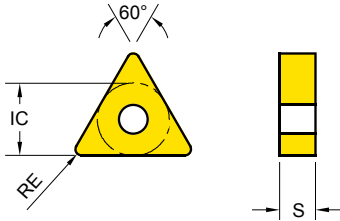
DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative

TNMM - Heavy Turning (60° Triangle)

Refer to Turning holder p. 95, 101, 116, 121, 125



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

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

TNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
					K10	P05 K20	K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 M15 K15	P10 M10 K10	N20	N20
-UH	TNMM 160412 - UH	1.2	0.30-0.50	2.0-5.0						● 2846														
	TNMM 220412 - UH	1.2	0.30-0.50	2.0-7.0						● 2848														

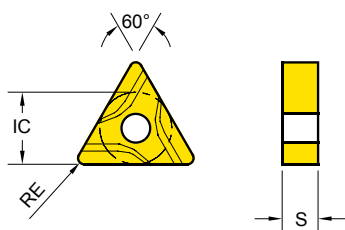


Low cutting force



Turning Inserts - Negative TNUX (60° Triangle)

Refer to
Turning holder
p.95, 101, 116, 121, 125

Series	IC	S
TN** 1604	9.525	4.76

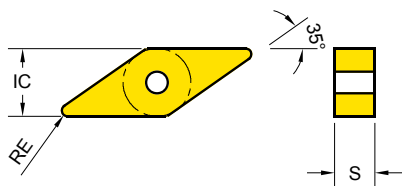


EDP 2200.. ● : Stock item ○ : Order made item

TNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	P05 K10	K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 M15 K15	P10 M10 K10	N20	N20	
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10	
..UX  Left Hand Shown	TNUX 160404 L	0.4	0.10-0.30	0.5-4.0				○ 0412		● 2425	● 3268	● 0413	● 1264	○ 0043			● 2248								
	TNUX 160408 L	0.8	0.10-0.40	1.0-5.0				○ 0414		● 2198	● 3269	● 0415	● 0675	○ 0045			○ 0731								
..UX  Right Hand Shown	TNUX 160404 R	0.4	0.10-0.30	0.5-4.0				○ 0288		● 2390	● 3236	● 0289	● 0290	● 0044			● 2249			● 3144	● 2733	○ 3611			
	TNUX 160408 R	0.8	0.10-0.40	1.0-5.0				○ 0291		● 2354	● 3237	● 0292	● 0293	● 0046			● 2250			● 3145					

Turning Inserts - Negative VNGG / VNMG (35° Rhombic)

Refer to
Turning holder
p. 102, 122



Series	IC	S
VN** 1604	9.525	4.76

TURNING

PARTING & GROOVING

MILLING

DRILLING

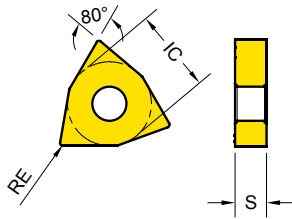
TECHNICAL INFORMATION

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

VNGG VNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
-MF Stainless steel Finishing	VNMG 160404 - MF	0.4	0.07-0.30	0.2-1.5																				
	VNMG 160408 - MF	0.8	0.07-0.30	0.2-1.5																				
-MM Stainless steel Medium	VNMG 160404 - MM	0.4	0.20-0.35	0.5-3.5																				
	VNMG 160408 - MM	0.8	0.20-0.35	1.0-3.5																				
-MG Stainless steel Genera	VNMG 160404 - MG	0.4	0.20-0.40	0.5-4.0																				
	VNMG 160408 - MG	0.8	0.20-0.40	1.0-4.0																				
	VNMG 160412 - MG	1.2	0.20-0.40	1.5-4.0																				
-MR Stainless steel Roughing	VNMG 160408 - MR	0.8	0.30-0.55	2.0-5.5																				
	VNMG 160412 - MR	1.2	0.30-0.55	2.0-5.5																				
-SF HRSA Finishing	VNGG 160412 - SF	1.2	0.10-0.25	0.4-1.5																				
-SR HRSA Medium	VNMG 160408 - SR	0.8	0.30-0.55	2.0-5.5																				
-PSF Cermet Finishing	VNMG 160404 - PSF	0.4	0.07-0.30	0.3-2.0																				
	VNMG 160408 - PSF	0.8	0.10-0.35	0.5-2.0																				






Turning Inserts - Negative WNMA / WNMG (80° Trigon)

Refer to
Turning holder
p.96, 103, 105, 117, 123, 126



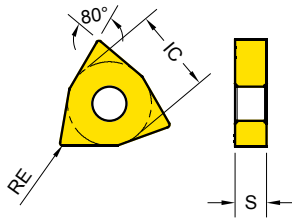
Series	IC	S
WN** 0604	9.525	4.76
WN** 0804	12.700	4.76

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

WNMA WNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
					K10	P05	K20	P10	P15	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	M15	M10	N20
..MA  Cast iron	WNMA 060412	1.2	0.15-0.50	1.5-4.0	●																			
	WNMA 080404	0.4	0.15-0.50	0.5-5.0	●	○	●	○																
	WNMA 080408	0.8	0.15-0.50	1.0-5.0	●	○	●	○																
	WNMA 080412	1.2	0.15-0.50	1.5-5.0	●	○	●	○																
-UF  Finishing	WNMG 060404 - UF	0.4	0.05-0.20	0.5-2.0				○	●	●	●	●	○											
	WNMG 080404 - UF	0.4	0.05-0.25	0.5-2.5				○	●	●	●	●	○											
	WNMG 080408 - UF	0.8	0.05-0.25	1.0-2.5				○	●	●	●	●												
	WNMG 080412 - UF	1.2	0.05-0.25	1.5-2.5				○	●	●	●	●												
-UL  Light Machining and Sticky Material	WNMG 060408 - UL	0.8	0.10-0.30	1.0-2.5				○	●	●	●	●												
	WNMG 080404 - UL	0.4	0.10-0.30	0.5-3.0				○	●	●	●	●												
	WNMG 080408 - UL	0.8	0.10-0.30	1.0-3.0				○	●	●	●	●												
	WNMG 080412 - UL	1.2	0.10-0.30	1.5-3.0				○	●	●	●	●												
-UM  Medium Machining Unstable condition	WNMG 060404 - UM	0.4	0.15-0.30	0.5-2.5	○	○		○	●	●	●	●												
	WNMG 060408 - UM	0.8	0.15-0.30	1.0-2.5	○	○		○	●	●	●	●												
	WNMG 080404 - UM	0.4	0.15-0.30	0.5-3.0				○	●	●	●	●												
	WNMG 080408 - UM	0.8	0.15-0.30	1.0-3.0				○	●	●	●	●												
	WNMG 080412 - UM	1.2	0.15-0.30	1.5-3.0				○	●	●	●	●												
	WNMG 080416 - UM	1.6	0.15-0.30	2.0-3.0				○	●	●	●	●												
NEW -GM  Medium machining for steel & Stainless steel	WNMG 060404 - GM	0.4	0.15-0.40	0.5-3.0					●	●					●									
	WNMG 060408 - GM	0.8	0.17-0.50	0.8-3.0					●	●					●									
	WNMG 060412 - GM	1.2	0.20-0.55	1.0-3.0					●	●					●									
	WNMG 080404 - GM	0.4	0.15-0.40	0.5-4.0					●	●					●									
	WNMG 080408 - GM	0.8	0.17-0.50	0.8-4.0					●	●					●									
	WNMG 080412 - GM	1.2	0.20-0.55	1.0-4.0					●	●					●									
	WNMG 080416 - GM	1.6	0.23-0.55	1.3-4.0					●	●					●									





Turning Inserts - Negative WNMG (80° Trigon)

Refer to
Turning holder
p.96, 103, 105, 117, 123, 126



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

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

WNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	P05 K20	K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 K15	P10 M10	N20	N20	
-MF  Stainless steel Finishing	WNMG 060404 - MF	0.4	0.07 - 0.30	0.4 - 2.0				○		●			○												
	WNMG 060408 - MF	0.8	0.07 - 0.30	0.8 - 2.0						●			●												
	WNMG 080404 - MF	0.4	0.07 - 0.30	0.4 - 2.5						●			○												
	WNMG 080408 - MF	0.8	0.07 - 0.30	0.8 - 2.5						●			○												
-MM  Stainless steel Medium	WNMG 080404 - MM	0.4	0.20 - 0.35	0.5 - 3.5																					
	WNMG 080408 - MM	0.8	0.20 - 0.35	1.0 - 3.5									○												
	WNMG 080412 - MM	1.2	0.20 - 0.35	1.5 - 3.5																					
-MG  Stainless steel General	WNMG 060404 - MG	0.4	0.20 - 0.40	0.5 - 3.0																					
	WNMG 060408 - MG	0.8	0.20 - 0.40	1.0 - 3.0																					
	WNMG 060412 - MG	1.2	0.20 - 0.40	1.5 - 3.0																					
	WNMG 080404 - MG	0.4	0.20 - 0.40	0.5 - 4.0																					
	WNMG 080408 - MG	0.8	0.20 - 0.40	1.0 - 4.0																					
	WNMG 080412 - MG	1.2	0.20 - 0.40	1.5 - 4.0																					
-MR  Stainless steel Roughing	WNMG 060408 - MR	0.8	0.30 - 0.55	1.2 - 4.0																					
	WNMG 060412 - MR	1.2	0.30 - 0.55	1.2 - 4.0									○												
	WNMG 080408 - MR	0.8	0.30 - 0.55	2.0 - 5.5									○												
	WNMG 080412 - MR	1.2	0.30 - 0.55	2.0 - 5.5									○												

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

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

Refer to
Turning holder
p. 96, 103, 105, 117, 123, 126

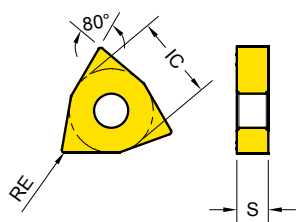
TURNING

PARTING & GROOVING

MILLING





DRILLING

TECHNICAL INFORMATION



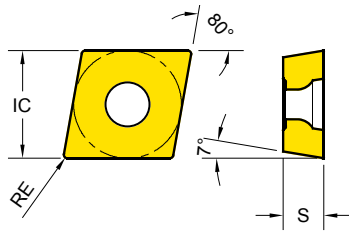
Series	IC	S
WN** 0604	9.525	4.76
WN** 0804	12.700	4.76

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

WNGG WNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20	
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	S30	YG401	YT100	YT100G	YG100	YG10
-SF  HRSA Finishing	WNGG 080408 - SF	0.8	0.10-0.25	0.2-1.0																●					
																					1308				
-SM  HRSA Medium	WNMG 080408 - SM	0.8	0.15-0.30	0.5-3.0																○					
	WNMG 080412 - SM	1.2	0.15-0.30	0.5-3.0																	○	○	○	●	
-SR  HRSA Roughing	WNMG 060412 - SR	1.2	0.30-0.55	2.0-4.0																●					
	WNMG 080408 - SR	0.8	0.30-0.55	2.0-5.5																	1439				
	WNMG 080412 - SR	1.2	0.30-0.55	2.0-5.5																	1310				
	WNMG 080416 - SR	1.6	0.30-0.55	2.0-5.5																	1309				
-PSF  Cermet Finishing	WNMG 080404 - PSF	0.4	0.07-0.30	0.4-2.5																●		○			
	WNMG 080408 - PSF	0.8	0.10-0.35	0.6-2.5																	2539	3584			
																					2540	3585			



Turning Inserts - Positive CCMT (80° Rhombic)

Refer to
Turning holder
p. 106, 128, 129



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

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

CCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20	
					K20	K30	S30	M15	M10	K15	K10														
- PF  Finishing	CCMT 060202 - PF	0.2	0.04-0.15	0.08-2.0									●								●	○			
	CCMT 060204 - PF	0.4	0.06-0.25	0.10-2.0									●									●	○		
	CCMT 09T302 - PF	0.2	0.04-0.15	0.08-2.0									●									●	○		
	CCMT 09T304 - PF	0.4	0.06-0.25	0.10-2.0									●									●	○		
	CCMT 09T308 - PF	0.8	0.08-0.30	0.15-2.0									●									●	○		
	CCMT 09T312 - PF	1.2	0.10-0.32	0.2-2.0																		●	○		
	CCMT 120404 - PF	0.4	0.07-0.25	0.2-2.4									●												
	CCMT 120408 - PF	0.8	0.08-0.30	0.5-2.4									●												
- PM  Medium	CCMT 060204 - PM	0.4	0.06-0.17	0.25-2.4									●								●	○			
	CCMT 060208 - PM	0.8	0.08-0.23	0.8-2.4									●									●	○		
	CCMT 09T304 - PM	0.4	0.08-0.25	0.25-3.0									●									●	○		
	CCMT 09T308 - PM	0.8	0.10-0.30	0.50-3.0									●									●	○		
	CCMT 09T312 - PM	1.2	0.12-0.35	1.0-3.0									●									●	○		
	CCMT 120404 - PM	0.4	0.09-0.27	0.4-4.2									●												
	CCMT 120408 - PM	0.8	0.12-0.36	0.8-4.2									●												
	CCMT 120412 - PM	1.2	0.14-0.43	1.2-4.2									●												

TURNING

PARTING & GROOVING

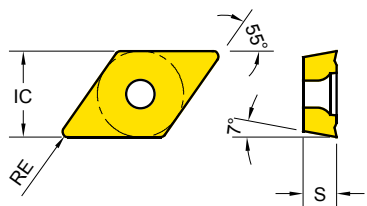
MILLING

DRILLING

TECHNICAL INFORMATION

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

Refer to
Turning holder
p. 107, 130, 131



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

TURNING




PARTING & GROOVING

MILLING

DRILLING

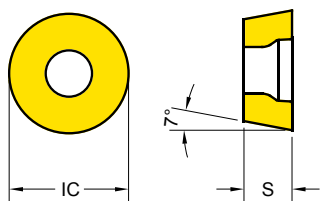
TECHNICAL INFORMATION

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

DCGT DCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20					
					K20	K30	K30	K15	K10	N20	N20																		
-AL  Aluminum	DCGT 070202 - AL	0.2	0.01 - 0.20	0.05 - 3.0	●																			●	1399				
	DCGT 070204 - AL	0.4	0.02 - 0.30	0.10 - 4.0																					●	1400			
	DCGT 11T301 - AL	0.1	0.01 - 0.30	0.05 - 4.0																					●	2101	●	2100	
	DCGT 11T302 - AL	0.2	0.02 - 0.30	0.05 - 4.0																					●	0342	●	0341	
	DCGT 11T304 - AL	0.4	0.03 - 0.50	0.10 - 5.0																					●	0332	●	0083	
	DCGT 11T308 - AL	0.8	0.03 - 0.50	0.10 - 5.0																					●	0333	●	0084	
-UF  Finishing	DCMT 070204 - UF	0.4	0.05 - 0.20	0.50 - 2.0				○	0207	●	●	●	●					○	1909	○	1903								
	DCMT 11T304 - UF	0.4	0.05 - 0.25	0.50 - 2.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	DCMT 11T308 - UF	0.8	0.05 - 0.25	1.00 - 2.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
-UG  General	DCMT 070204 - UG	0.4	0.10 - 0.25	0.50 - 2.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	DCMT 070208 - UG	0.8	0.10 - 0.25	0.80 - 2.0	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	DCMT 11T304 - UG	0.4	0.15 - 0.30	0.50 - 2.5	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	DCMT 11T308 - UG	0.8	0.15 - 0.30	0.80 - 2.5	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
	DCMT 11T312 - UG	1.2	0.15 - 0.35	1.50 - 3.0																									

Turning Inserts - Positive
RCMT (Round)

Refer to
Turning holder
p. 108, 132



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

TURNING



PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

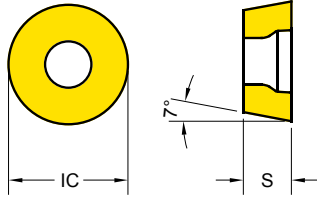
EDP 2200.. ● : Stock item ○ : Order made item

RCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20		
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30
 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	●	○	●	○																		
 General	RCMT 0602M0 - SM	3.0	0.12-0.33	0.3-1.6																					●	
	RCMT 0803M0 - SM	4.0	0.15-0.41	0.3-2.0																						●
	RCMT 10T3M0 - SM	5.0	0.17-0.46	0.4-2.5																						●
	RCMT 1204M0 - SM	6.0	0.20-0.56	0.5-3.0	●						●				●											●
	RCMT 1606M0 - SM	8.0	0.25-0.77	0.7-4.0																						●

Turning Inserts - Positive

RCMX - Heavy Turning (Round)

Refer to Turning holder p. 108, 132



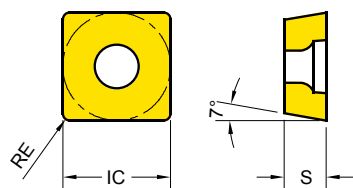
Series	IC	S	Series	IC	S
RC** 1606	16	6.35	RC** 2507	25	7.94
RC** 2006	20	6.35	RC** 3209	32	9.52

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

RCMX	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
					K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	M15	M10
-UT Heavy Roughing	RCMX 1606M0 - UT	8.0	0.3-0.8	1.0-7.0	● 2441					● 2719					● 3160	● 3734								
	RCMX 2006M0 - UT	10.0	0.4-0.9	1.5-9.0	● 3564			● 1928		● 2169	● 3423	● 2844	● 2845											
	RCMX 2507M0 - UT	12.5	0.5-1.2	2.5-12.0	● 3837		● 3838			● 3146	● 3840		● 3839											
	RCMX 3209M0 - UT	16.0	0.6-1.5	3.5-15.0	● 3841		● 3842			● 3147	● 3844		● 3843											

Turning Inserts - Positive
SCGT / SCMT (Square)

Refer to
Turning holder
p. 109, 133



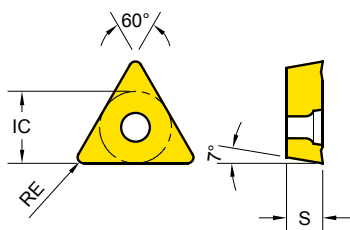
Series	IC	S
SC** 09T3	9.525	3.97
SC** 1204	12.700	4.76

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

SCGT SCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S30	S10	P15	P10	M15	M10	N20	N20
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10			
-AL 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																							
-UF 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	●			○		●	●	●	●														
-UG 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	●																	○					
-MF Stainless steel Finishing	SCMT 09T304 - MF	0.4	0.06-0.22	0.1-2.0											●	●											
	SCMT 09T308 - MF	0.8	0.09-0.30	0.3-2.0											●	●						●					
	SCMT 120404 - MF	0.4	0.09-0.28	0.3-4.2											●	●											
	SCMT 120408 - MF	0.8	0.10-0.30	0.6-4.2											●	●											
-MM Stainless steel Medium	SCMT 09T304 - MM	0.4	0.08-0.24	0.4-3.2											●	●											
	SCMT 09T308 - MM	0.8	0.10-0.30	0.8-3.2											●	●											
	SCMT 09T312 - MM	1.2	0.12-0.35	0.9-3.2											●	●											
	SCMT 120404 - MM	0.4	0.09-0.28	0.3-4.2											●	●											
	SCMT 120408 - MM	0.8	0.10-0.30	0.6-4.2											●	●	●	●	●	●							
	SCMT 120412 - MM	1.2	0.16-0.45	1.2-4.2											●	●											

Turning Inserts - Positive
TCGT / TCMT (Triangle)

Refer to
Turning holder
p. 110, 134



Series	IC	S
TC** 0902	5.56	2.38
TC** 1102	6.350	2.38
TC** 16T3	9.525	3.97

TURNING

PARTING & GROOVING

MILLING

DRILLING

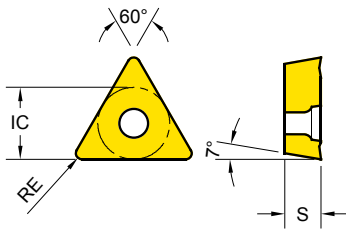
TECHNICAL INFORMATION

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

TCGT TCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20				
					K20	K30	K30	K15	K10	N20	N20																	
 Aluminum -AL	TCGT 110204 - AL	0.4	0.03-0.30	0.10-4.0	●																			●	1333			
	TCGT 16T302 - AL	0.2	0.02-0.30	0.05-5.0																				●	0344	●	0343	
	TCGT 16T304 - AL	0.4	0.03-0.40	0.10-5.5																					●	0334	●	0085
	TCGT 16T308 - AL	0.8	0.03-0.50	0.10-5.5																					●	0335	●	0086
 Finishing -UF	TCMT 090204 - UF	0.4	0.05-0.20	0.5-1.5	●						●		●															
	TCMT 110204 - UF	0.4	0.05-0.20	0.5-2.0				○			●	●	●	●					○	○	○							
	TCMT 16T304 - UF	0.4	0.05-0.25	0.5-2.0				○			●	●	●	○					○		○							
	TCMT 16T308 - UF	0.8	0.05-0.25	0.8-2.0				○			●	●	●	●														
 General -UG	TCMT 090204 - UG	0.4	0.10-0.25	0.5-1.5	●						●		●															
	TCMT 090208 - UG	0.8	0.10-0.25	0.8-1.5	●						●		●															
	TCMT 110204 - UG	0.4	0.10-0.25	0.5-2.0	●	○	●	○			●	●	●	○					○									
	TCMT 110208 - UG	0.8	0.10-0.25	0.8-2.0	●	○	○	○			●	●	●	●														
	TCMT 16T304 - UG	0.4	0.15-0.30	0.5-2.5	●	○	●	○			●	●	●	○														
TCMT 16T308 - UG	0.8	0.15-0.30	0.8-2.5	●	○	●	○			●	●	●	○					○		○								





Turning Inserts - Positive TCMT (Triangle)

Refer to Turning holder p.110, 134



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

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

TCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20		
					YG1001	K20	K30	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10		
-MF  Stainless steel Finishing	TCMT 110202 - MF	0.2	0.04-0.14	0.1 - 1.7																						
	TCMT 110204 - MF	0.4	0.07-0.20	0.2 - 1.7																						
	TCMT 110208 - MF	0.8	0.07-0.25	0.3 - 1.7																						
	TCMT 16T304 - MF	0.4	0.06-0.25	0.10 - 2.0																						
	TCMT 16T308 - MF	0.8	0.08-0.30	0.15 - 2.0																						
-MM  Stainless steel Medium	TCMT 110204 - MM	0.4	0.06-0.19	0.25 - 2.2																						
	TCMT 110208 - MM	0.8	0.09-0.26	0.5 - 2.2																						
	TCMT 16T304 - MM	0.4	0.08-0.25	0.25 - 3.0																						
	TCMT 16T308 - MM	0.8	0.10-0.30	0.50 - 3.0																						
	TCMT 16T312 - MM	1.2	0.12-0.36	0.9 - 3.0																						
-PF  Medium	TCMT 110202 - PF	0.2	0.04-0.14	0.1 - 1.7																						
	TCMT 110204 - PF	0.4	0.07-0.20	0.2 - 1.7																						
	TCMT 110208 - PF	0.8	0.07-0.25	0.3 - 1.7																						
	TCMT 16T304 - PF	0.4	0.06-0.25	0.10 - 2.0																						
	TCMT 16T308 - PF	0.8	0.08-0.30	0.15 - 2.0																						
-PM  Medium	TCMT 110204 - PM	0.4	0.06-0.19	0.25 - 2.2																						
	TCMT 110208 - PM	0.8	0.09-0.26	0.5 - 2.2																						
	TCMT 16T304 - PM	0.4	0.08-0.25	0.25 - 3.0																						
	TCMT 16T308 - PM	0.8	0.10-0.30	0.50 - 3.0																						
	TCMT 16T312 - PM	1.2	0.12-0.36	0.9 - 3.0																						

TURNING

PARTING & GROOVING

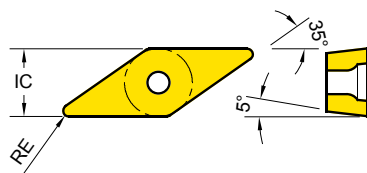
MILLING

DRILLING

TECHNICAL INFORMATION

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

Refer to
Turning holder
p. 111, 135



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

TURNING








PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

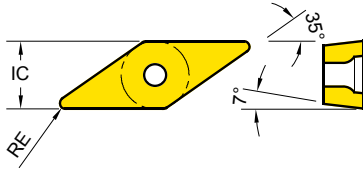
EDP 2200.. ● : Stock item ○ : Order made item

VBGT VBMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20		
					K20	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K30	K15	K10
 -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																						
	VBGT 160408 - SF	0.8	0.05 - 0.20	0.4 - 2.0																						
 -UF 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																						
 -UG 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																						
 -MF Stainless steel Finishing	VBMT 110304 - MF	0.4	0.05 - 0.20	0.1 - 1.7																						
	VBMT 110308 - MF	0.8	0.07 - 0.23	0.3 - 1.7																						
	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																						
 -MM Stainless steel Medium	VBMT 110304 - MM	0.4	0.06 - 0.18	0.25 - 2.2																						
	VBMT 110308 - MM	0.8	0.07 - 0.23	0.5 - 2.2																						
	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																						
 -PF Cermet Medium	VBMT 110304 - PF	0.4	0.05 - 0.20	0.1 - 1.7																						
	VBMT 110308 - PF	0.8	0.07 - 0.23	0.3 - 1.7																						
	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																						
 -PM Cermet Medium	VBMT 110304 - PM	0.4	0.06 - 0.18	0.25 - 2.2																						
	VBMT 110308 - PM	0.8	0.07 - 0.23	0.5 - 2.2																						
	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)

Refer to Turning holder p.112, 136



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

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

VCGT VCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20
					K20	K30	S30	M15	M10	K15	K10													
-AL Aluminum	VCGT 110301 - AL	0.1	0.02-0.15	0.05-3.0	●																		●	●
	VCGT 110302 - AL	0.2	0.02-0.20	0.05-3.0																			●	●
	VCGT 110304 - AL	0.4	0.02-0.25	0.10-4.0																			●	●
	VCGT 160402 - AL	0.2	0.02-0.30	0.05-5.0																			●	●
	VCGT 160404 - AL	0.4	0.03-0.40	0.10-5.0																			●	●
	VCGT 160408 - AL	0.8	0.03-0.50	0.10-5.0																			●	●
	VCGT 160412 - AL	1.2	0.03-0.50	0.10-5.0																			●	●
-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																		●	●	
-UF 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			○		●	●	●	●												
-UG 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	●	●	○		●	●	●	●												

Turning Inserts - Positive VCMT (35° Rhombic)

Refer to
Turning holder
p. 112, 136

TURNING

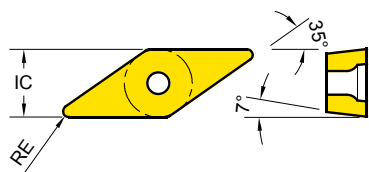
PARTING & GROOVING

MILLING





DRILLING

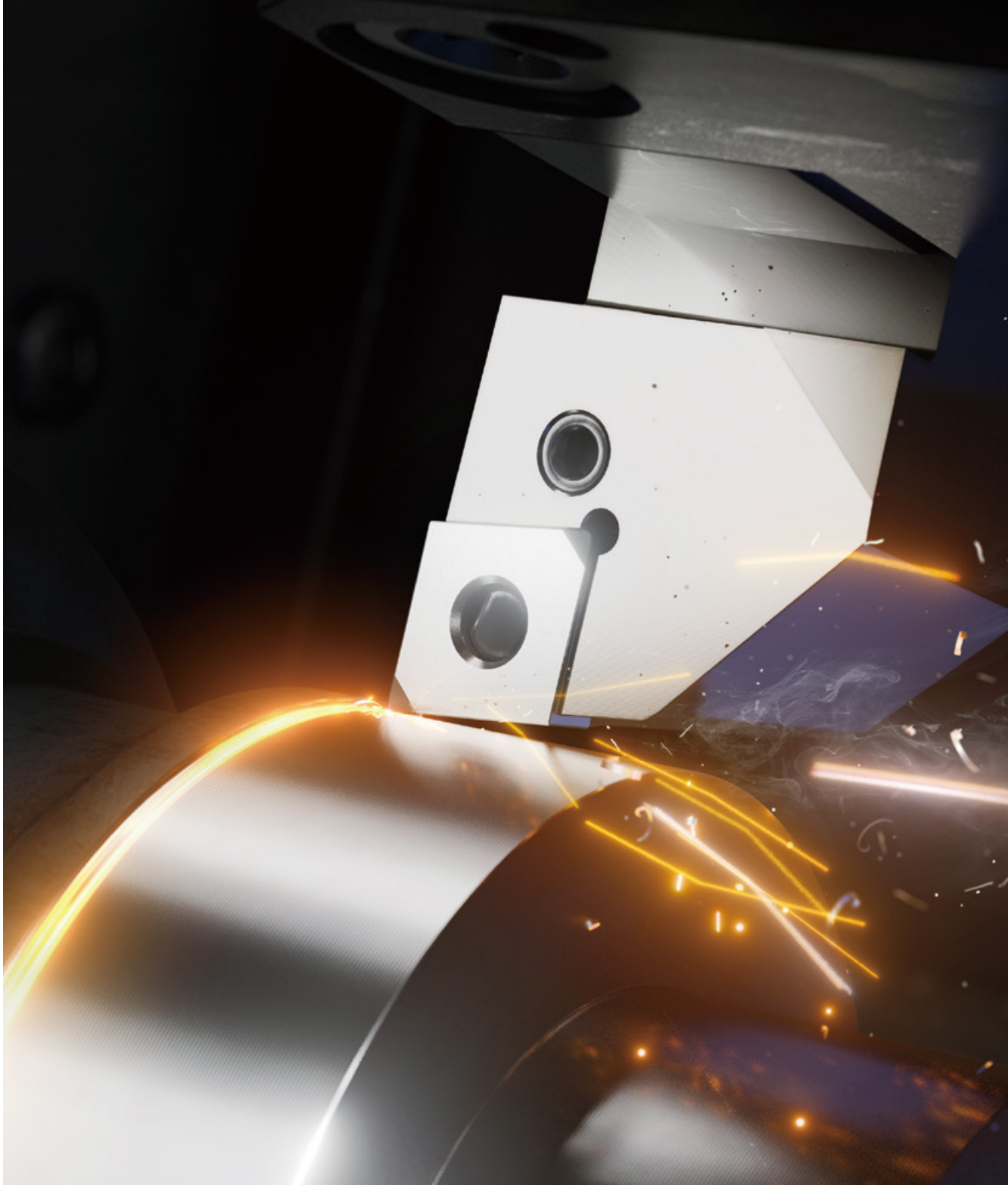
TECHNICAL INFORMATION

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



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

VCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S30	S10	P15	P10	N20	N20
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10	
-MF  Stainless steel Finishing	VCMT 110304 - MF	0.4	0.05 - 0.20	0.1 - 1.7													●	●							
	VCMT 160404 - MF	0.4	0.05 - 0.20	0.2 - 2.0													●	●							
	VCMT 160408 - MF	0.8	0.07 - 0.27	0.3 - 2.0													●	●							
-MM  Stainless steel Medium	VCMT 110304 - MM	0.4	0.06 - 0.18	0.25 - 2.2												●	●								
	VCMT 160404 - MM	0.4	0.07 - 0.21	0.25 - 2.7												●	●								
	VCMT 160408 - MM	0.8	0.08 - 0.27	0.5 - 2.7												●	●								
-PF  Finishing	VCMT 110304 - PF	0.4	0.05 - 0.20	0.1 - 1.7						●			●								●	○			
	VCMT 160404 - PF	0.4	0.05 - 0.20	0.2 - 2.0						●			●												
	VCMT 160408 - PF	0.8	0.07 - 0.27	0.3 - 2.0						●			●												
-PM  Medium	VCMT 110304 - PM	0.4	0.06 - 0.18	0.25 - 2.2						●			●												
	VCMT 160404 - PM	0.4	0.07 - 0.21	0.25 - 2.7						●			●												
	VCMT 160408 - PM	0.8	0.08 - 0.27	0.5 - 2.7						●			●												



PCBN TURNING

Product Overview








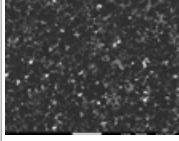
PCBN - Turning Inserts Overview

PCBN Turning Inserts

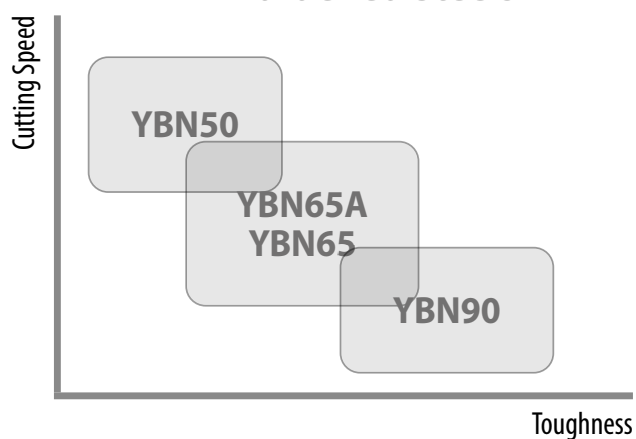
Product Overview

PCBN - Turning Grades

Turning Grades		K Cast iron			H Hardened Steel		
		K10	K20	K30	H10	H20	H30
PCBN	YBN50				YBN50		
	YBN65				YBN65		
	YBN65A				YBN65A		
	YBN90	YBN90				YBN90	

<p>NEW</p> <p>YBN50</p> <p>H5 - H15</p>  	<p>Uncoated PCBN grade for Continuous to light interrupted turning of hardened steels</p> <ul style="list-style-type: none"> • Low content PCBN with excellent chemical wear resistance
<p>NEW</p> <p>YBN65A</p> <p>H10 - H25</p>  	<p>Coated PCBN Grade for Continuous to Medium interrupted turning of hardened steels</p> <ul style="list-style-type: none"> • A coated (AlTiSiN Multi layer) PCBN grade for higher cutting speed • Medium content PCBN with superior edge toughness, Good flank and crater wear resistance • Suitable for both roughing and finishing
<p>NEW</p> <p>YBN65</p> <p>H10 - H25</p>  	<p>Uncoated PCBN grade for Continuous to Medium interrupted turning of hardened steels</p> <ul style="list-style-type: none"> • Medium content PCBN with superior edge toughness, good flank and crater wear resistance • Suitable for both roughing and finishing
<p>NEW</p> <p>YBN90</p> <p>H20 - H35</p> <p>K05 - K20</p>  	<p>Uncoated PCBN grade of Severe interrupted turning of hardened steels, and the Stable machining of Gray Cast iron, Sintered alloy steel</p> <ul style="list-style-type: none"> • High content PCBN with high wear resistance, superior impact strength • Excellent edge quality and retention

H - Hardened Steels



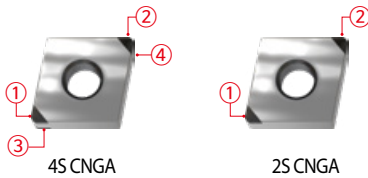
Product Overview

PCBN - Turning Insert Code System

1 2 Number of PCBN corner	2 S PCBN Length	3 CNGA120408 Insert ISO Code System	4 S Edge preparation	5 010 ① Chamfer width	20 ② Chamfer angel	6 WG Special shape
---	-------------------------------------	---	--	---	------------------------------	--

1 - Number of PCBN corner

1	One corner PCBN
2	Two corner PCBN



3 - Insert ISO Code System

Refer to Page. 20

6 - Special shape

WG	Wiper
None	No Wiper

4 - Edge preparation

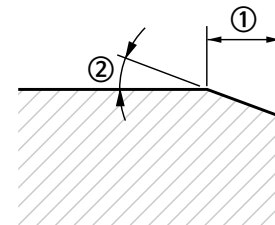
T	T-Land, None Honing
S	T-Land with Honed
X	Special land shape

2 - PCBN Length

N	Normal PCBN tip length, Regrindable
S	Small PCBN tip length One time use
SD	Solid PCBN
FT	Full Top PCBN

5 - Chamfer

①	Chamfer width (010 means 0.10mm)
②	Chamfer angle (20 means 20°)



Grade Name Code System

1 Y Company Name	2 BN Materials	3 65 Contents of PCBN	4 A Kind of Coating
--------------------------------------	------------------------------------	---	---

1 - Company Name

Y	YG-1
----------	------

2 - Materials

BN	PCBN
-----------	------

3 - Contents of PCBN

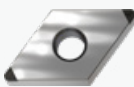


50	50%
65	65%
90	90%

4 - Kind of Coating






None	Uncoated
A	AlTiSiN multi-layer
B	TiAlN-TiN

PCBN - Turning Inserts Overview

Negative Inserts

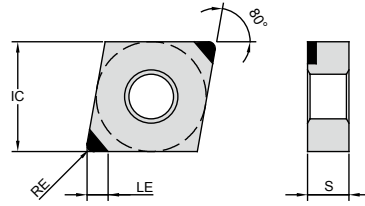
Shape	Series	No. of PCBN Edge	Size & Thickness						Page
C 	CNGA	2		1204				75	
		4		1204					
D 	DNGA	2			1504	1506		76	
		4			1504				
S 	SNGA	4		1204				77	
T 	TNGA	3					1604	78	
		6					1604		
V 	VNGA	2					1604	79	
W 	WNGA	3	0804					80	
		6	0804						

Positive Inserts

Shape	Series	No. of PCBN Edge	Size & Thickness						Page
C 	CCGW	2	0602		09T3				81
D 	DCGW	2		0702			11T3		82
S 	SCGW	2			09T3				83
T 	TCGW	3		0902	1102			16T3	84
	TPGW	3		0902		1103	1604		85
V 	VBGW					1103	1604		86
	VCGW					1103	1604		87

Turning Inserts - Negative CNGA - PCBN (80° Rhombic)

Refer to Turning holder
p. 92, 97, 113, 118, 124



Series	IC	S
CN.. 1204	12.70	4.76

EDP 2200..

● : Stock item ○ : Order made item

	H05 - H15	H10 - H25	H10 - H25	H20 - H35
	YBN50	YBN65	YBN65A	YBN90
		● 3008		
	● 3009	● 3010	● 3011	
				● 3065
		● 3012	● 3013	
		● 3014		
		● 3015		
	● 3016	● 3017	● 3018	
				● 3066
	● 3019	● 3020	● 3021	
				● 3067
		● 3022		

CNGA	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Edge
	2S CNGA120404 S01225	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S CNGA120408 S01225	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S CNGA120408 T01020	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	2
	4S CNGA120408 S01225	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	4
	2S CNGA120412 S01225	1.2	2.3	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S CNGA120404 S01215 WG	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S CNGA120408 S01215 WG	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S CNGA120408 T01020 WG	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	2
	4S CNGA120408 S01215 WG	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	4
	4S CNGA120408 T01020 WG	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	4
	2S CNGA120412 S01215 WG	1.2	2.3	0.03 ~ 0.20	0.05 ~ 0.30	2



TURNING

PARTING & GROOVING

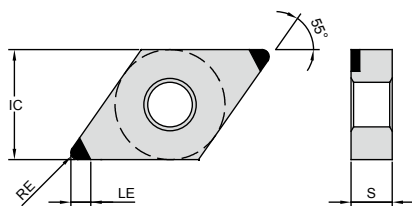
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative
DNGA - PCBN (55° Rhombic)

Refer to
Turning holder
p. 93, 98, 114, 119, 124



Series	IC	S
DN.. 1504	12.70	4.76
DN.. 1506	12.70	6.35

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

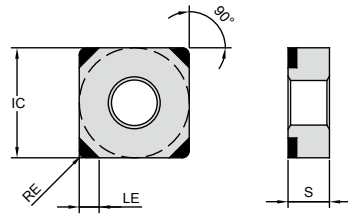
H05 - H15	H10 - H25	H10 - H25	H20 - H35
YBN50	YBN65	YBN65A	YBN90
	● 3023		
● 3024	● 3025	● 3026	
			● 3068
	● 3027	● 3028	
	● 3029		
	● 3030		
● 3031	● 3032	● 3033	
			● 3069
	● 3034		

DNGA	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege
	2S DNGA150404 S01225	0.4	2.5	0.03~0.20	0.05~0.30	2
	2S DNGA150408 S01225	0.8	2.3	0.03~0.20	0.05~0.30	2
	2S DNGA150408 T01020	0.8	2.3	0.03~0.20	0.05~0.30	2
	4S DNGA150408 S01225	0.8	2.3	0.03~0.20	0.05~0.30	4
	2S DNGA150412 S01225	1.2	2	0.03~0.20	0.05~0.30	2
	2S DNGA150604 S01225	0.4	2.5	0.03~0.20	0.05~0.30	2
	2S DNGA150608 S01225	0.8	2.3	0.03~0.20	0.05~0.30	2
	2S DNGA150608 T01020	0.8	2.3	0.03~0.20	0.05~0.30	2
	2S DNGA150612 S01225	1.2	2.0	0.03~0.20	0.05~0.30	2



Turning Inserts - Negative
SNGA - PCBN (Square)

Refer to
Turning holder
p. 94, 100, 115, 120



Series	IC	S
SN.. 1204	12.70	4.76

SNGA	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Edge	H05 - H15	H10 - H25	H10 - H25	H20 - H35
							YBN50	YBN65	YBN65A	K05 - K20 YBN90
	4S SNGA120404 S01225	0.4	2.3	0.03 ~ 0.20	0.05 ~ 0.30	4		● 3035		
	4S SNGA120408 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	4	● 3036	● 3037	● 3038	
	4S SNGA120408 T01020	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	4				● 3070
	4S SNGA120412 S01225	1.2	2.3	0.03 ~ 0.20	0.05 ~ 0.30	4		● 3039		

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative
TNGA - PCBN (60° Triangle)

Refer to
Turning holder
p. 95, 101, 116, 121, 125

TURNING

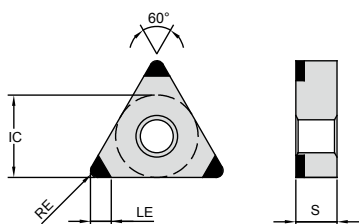
PARTING & GROOVING

MILLING


DRILLING

TECHNICAL INFORMATION

Series	IC	S
TN.. 1604	9.525	4.76



H05 - H15	H10 - H25	H10 - H25	H20 - H35
YBN50	YBN65	YBN65A	YBN90
	● 3040		
● 3041	● 3042	● 3043	
			● 3071
	● 3044	● 3045	
	● 3046		

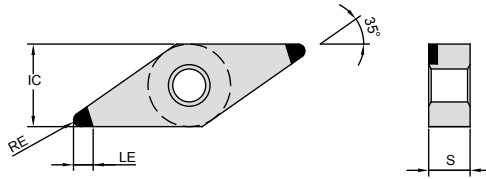
TNGA	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege
	3S TNGA160404 S01225	0.4	2.6	0.03~0.20	0.05~0.30	3
	3S TNGA160408 S01225	0.8	2.3	0.03~0.20	0.05~0.30	3
	3S TNGA160408 T01020	0.8	2.3	0.03~0.20	0.05~0.30	3
	6S TNGA160408 S01225	0.8	2.3	0.03~0.20	0.05~0.30	6
	3S TNGA160412 S01225	1.2	2	0.03~0.20	0.05~0.30	3

Turning Inserts - Negative

VNGA - PCBN (35° Rhombic)

Refer to Turning holder p. 102, 122

Series	IC	S
VN.. 1604	9.525	4.76



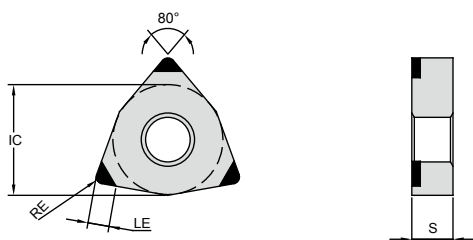
VNGA	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege	H05 - H15	H10 - H25	H10 - H25	H20 - H35
							YBN50	YBN65	YBN65A	K05 - K20 YBN90
	2SVNGA160404 S01225	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3047		
	2SVNGA160408 S01225	0.8	2	0.03 ~ 0.20	0.05 ~ 0.30	2	● 3048	● 3049	● 3050	
	2SVNGA160408 T01020	0.8	2	0.03 ~ 0.20	0.05 ~ 0.30	2				● 3072



Turning Inserts - Negative
WNGA - PCBN (80° Trigon)

Refer to
 Turning holder
 p. 96, 103, 105, 117, 123, 126

Series	IC	S
WN.. 0804	12.70	4.76



TURNING

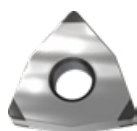
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

	H05 - H15	H10 - H25	H10 - H25	H20 - H35
	YBN50	YBN65	YBN65A	YBN90
		● 3051		
	● 3052	● 3053	● 3054	
				● 3073
		● 3055	● 3056	
		● 3057		
		● 3058		
	● 3059	● 3060	● 3061	
				● 3074
		● 3062	● 3063	
		● 3064		

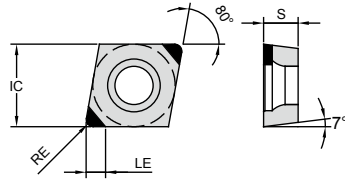


WNGA	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege
	3S WNGA080404 S01225	0.4	2.5	0.03~0.20	0.05~0.30	3
	3S WNGA080408 S01225	0.8	2.4	0.03~0.20	0.05~0.30	3
	3S WNGA080408 T01020	0.8	2.4	0.03~0.20	0.05~0.30	3
	6S WNGA080408 S01225	0.8	2.4	0.03~0.20	0.05~0.30	6
	3S WNGA080412 S01225	1.2	2.3	0.03~0.20	0.05~0.30	3
	3S WNGA080404 S01215 WG	0.4	2.5	0.03~0.20	0.05~0.30	3
	3S WNGA080408 S01215 WG	0.8	2.4	0.03~0.20	0.05~0.30	3
	3S WNGA080408 T01020 WG	0.8	2.4	0.03~0.20	0.05~0.30	3
	6S WNGA080408 S01215 WG	0.8	2.4	0.03~0.20	0.05~0.30	6
	3S WNGA080412 S01215 WG	1.2	2.3	0.03~0.20	0.05~0.30	3


Turning Inserts - Positive

CCGW - PCBN (80° Rhombic)

Refer to Turning holder p. 106, 128, 129



Series	IC	S
CC.. 0602	6.35	2.38
CC.. 09T3	9.525	3.97

CCGW	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Edge	H05 - H15	H10 - H25	H10 - H25	H20 - H35
							YBN50	YBN65	YBN65A	YBN90
	2S CCGW060202 S01225	0.2	2.6	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3075		
	2S CCGW060204 S01225	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2	● 3076	● 3077	● 3078	
	2S CCGW060204 T01020	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2				● 3133
	2S CCGW060208 S01225	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3079	● 3080	
	2S CCGW09T302 S01225	0.2	2.6	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3081		
	2S CCGW09T304 S01225	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3082	● 3083	
	2S CCGW09T308 S01225	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	2	● 3084	● 3085	● 3086	
	2S CCGW09T308 T01020	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	2				● 3134
	2S CCGW09T304 S01215 WG	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3087	● 3088	
	2S CCGW09T308 S01215 WG	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3089	● 3090	

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive
DCGW - PCBN (55° Rhombic)

Refer to
Turning holder
p. 107, 130, 131

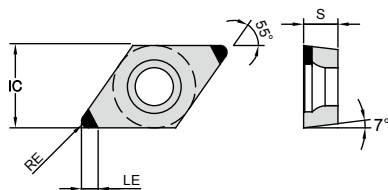
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



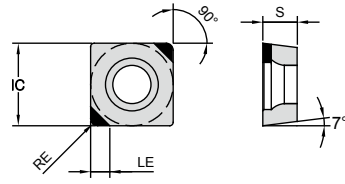
Series	IC	S
DC.. 0702	6.35	2.38
DC.. 11T3	9.525	3.97

DCGW	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege	H05 - H15	H10 - H25	H10 - H25	H20 - H35
							YBN50	YBN65	YBN65A	YBN90
	2S DCGW070202 S01225	0.2	2.7	0.03~0.20	0.05~0.30	2		● 3091		
	2S DCGW070204 S01225	0.4	2.5	0.03~0.20	0.05~0.30	2		● 3092	● 3093	
	2S DCGW070208 S01225	0.8	2.3	0.03~0.20	0.05~0.30	2	● 3094	● 3095	● 3096	
	2S DCGW070208 T01020	0.8	2.3	0.03~0.20	0.05~0.30	2				● 3135
	2S DCGW11T302 S01225	0.2	2.7	0.03~0.20	0.05~0.30	2		● 3097	● 3098	
	2S DCGW11T304 S01225	0.4	2.5	0.03~0.20	0.05~0.30	2		● 3099	● 3100	
	2S DCGW11T308 S01225	0.8	2.3	0.03~0.20	0.05~0.30	2	● 3101	● 3102	● 3103	
	2S DCGW11T308 T01020	0.8	2.3	0.03~0.20	0.05~0.30	2				● 3136



Turning Inserts - Positive
SCGW - PCBN (Square)

Refer to
Turning holder
p. 109, 133



Series	IC	S
SC.. 09T3	9.525	3.97

SCGW	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Edge	H05 - H15	H10 - H25	H10 - H25	H20 - H35
							YBN50	YBN65	YBN65A	YBN90
	2S SCGW09T304 S01225	0.4	2.3	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3104		
	2S SCGW09T308 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3105		

TURNING

PARTING & GROOVING

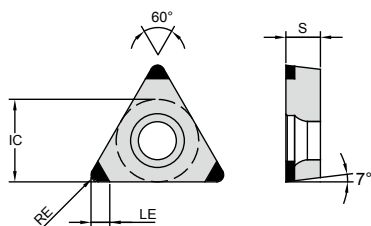
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive **TCGW - PCBN (Triangle)**

Refer to
 Turning holder
 p. 110, 134



Series	IC	S
TC.. 0902	5.56	2.38
TC.. 1102	6.35	2.38
TC.. 16T3	9.525	3.97

TURNING

PARTING & GROOVING

MILLING

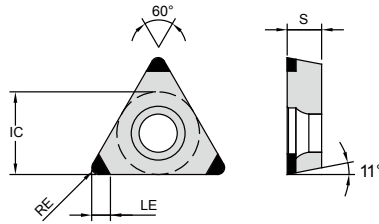
DRILLING

TECHNICAL INFORMATION

	H05 - H15	H10 - H25	H10 - H25	H20 - H35 K05 - K20
YBN50	●			
YBN65		● 3106		
YBN65A		● 3107	● 3108	
YBN90		● 3109	● 3110	
		● 3111	● 3112	
	● 3113	● 3114	● 3115	
				● 3137

TCGW	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege
	3S TCGW090204 S01225	0.4	2.6	0.03~0.20	0.05~0.30	3
	3S TCGW110204 S01225	0.4	2.6	0.03~0.20	0.05~0.30	3
	3S TCGW110208 S01225	0.8	2.3	0.03~0.20	0.05~0.30	3
	3S TCGW16T304 S01225	0.4	2.6	0.03~0.20	0.05~0.30	3
	3S TCGW16T308 S01225	0.8	2.3	0.03~0.20	0.05~0.30	3
	3S TCGW16T308 T01020	0.8	2.3	0.03~0.20	0.05~0.30	3

Turning Inserts - Positive TPGW - PCBN (Triangle)



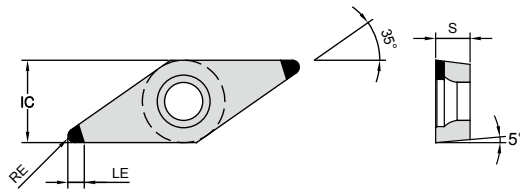
Series	IC	S
TP.. 0902	5.56	2.38
TP.. 1103	6.35	3.18
TP.. 1604	9.525	4.76

TPGW	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Edge	H05 - H15	H10 - H25	H10 - H25	H20 - H35
							YBN50	YBN65	YBN65A	K05 - K20 YBN90
	3STPGW090204 S01225	0.4	2.6	0.03 ~ 0.20	0.05 ~ 0.30	3		● 3116		
	3STPGW090208 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	3		● 3117		
	3STPGW110304 S01225	0.4	2.6	0.03 ~ 0.20	0.05 ~ 0.30	3		● 3118		
	3STPGW110308 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	3		● 3119		
	3STPGW160404 S01225	0.4	2.6	0.03 ~ 0.20	0.05 ~ 0.30	3		● 3120		
	3STPGW160408 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	3		● 3121		



Turning Inserts - Positive
VBGW - PCBN (35° Rhombic)

Refer to
Turning holder
p. 111, 135



Series	IC	S
VB.. 1103	6.35	3.18
VB.. 1604	9.525	4.76

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



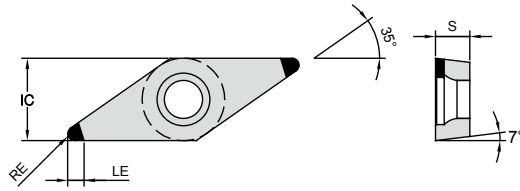
	H05 - H15	H10 - H25	H10 - H25	H20 - H35
	YBN50	YBN65	YBN65A	YBN90
		● 3122		
		● 3123		
		● 3124	● 3125	
	● 3126	● 3127	● 3128	
				● 3138

VBGW	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege
	2S VBGW110304 S01225	0.4	2.5	0.03~0.20	0.05~0.30	2
	2S VBGW110308 S01225	0.8	2	0.03~0.20	0.05~0.30	2
	2S VBGW160404 S01225	0.4	2.5	0.03~0.20	0.05~0.30	2
	2S VBGW160408 S01225	0.8	2	0.03~0.20	0.05~0.30	2
	2S VBGW160408 T01020	0.8	2	0.03~0.20	0.05~0.30	2

Turning Inserts - Positive

VCGW - PCBN (35° Rhombic)

Refer to Turning holder p.112, 136



Series	IC	S
VC.. 1103	6.35	3.18
VC.. 1604	9.525	4.76

VCGW	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege	H05 - H15	H10 - H25	H10 - H25	H20 - H35
							YBN50	YBN65	YBN65A	YBN90
	2SVCGW110304 S01225	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3129		
	2SVCGW110308 S01225	0.8	2	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3130		
	2SVCGW160404 S01225	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3131		
	2SVCGW160408 S01225	0.8	2	0.03 ~ 0.20	0.05 ~ 0.30	2		● 3132		

TURNING

PARTING & GROOVING


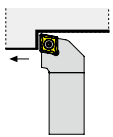
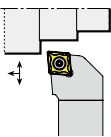

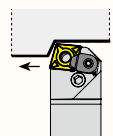
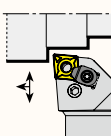
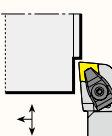
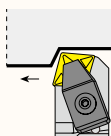
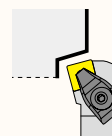

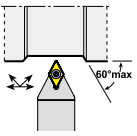
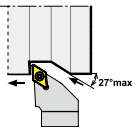
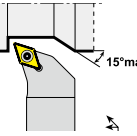

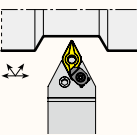
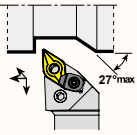
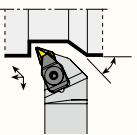
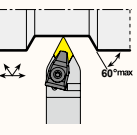
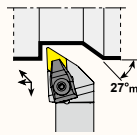

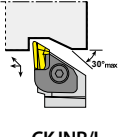

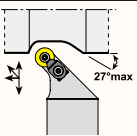
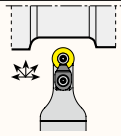
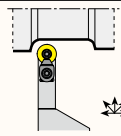
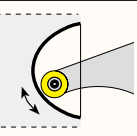

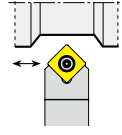
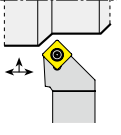
MILLING

DRILLING

TECHNICAL INFORMATION

External Holders Overview


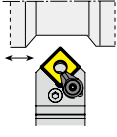
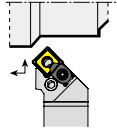
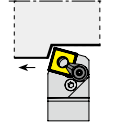
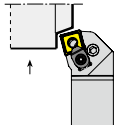
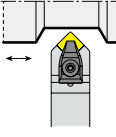
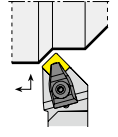
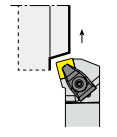

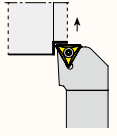
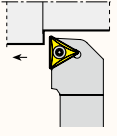
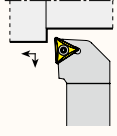
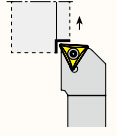

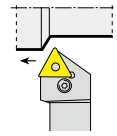
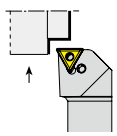
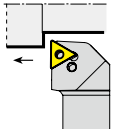
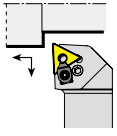
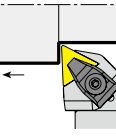
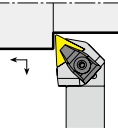
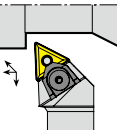

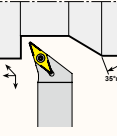
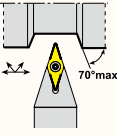
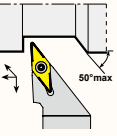

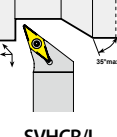
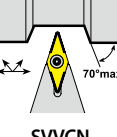
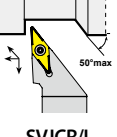

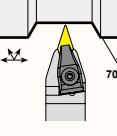
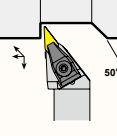
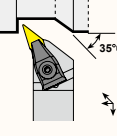

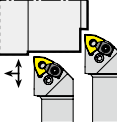
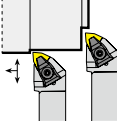
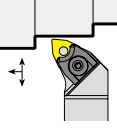
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Insert		Turning Holder				
	CCGT CCMT					
		SCACR/L Screw	SCLCR/L Screw			
Page	57	106	106			
	CNMA CNMG					
		PCBNR/L Lever	PCLNR/L Lever (+Clamp)	TCLNR/L Double Clamp	TCBNR/L Double Clamp	TCKNR/L Double Clamp
Page	28	92	92	97	97	97
	DCGT DCMT					
		SDNCN Screw	SDJCR/L Screw	SDHCR/L Screw		
Page	60	107	107	107		
	DNMA DNMG					
		PDNNN Lever (+Clamp)	PDJNR/L Lever (+Clamp)	TDHNR/L Double Clamp	TDNNN Double Clamp	TDJNR/L Double Clamp
Page	33	93	93	98	98	98
	KNUX					
		CKJNR/L Top Clamp				
Page	39	99				
	RCMT					
		SRGCR/L Screw	SRDCN Screw	SRDCR/L Screw	SRHCR/L Screw	
Page	62	108	108	108	108	
	SCGT SCMT					
		SSDCN Screw	SSSCR/L Screw			
Page	64	109	109			

Turning - Holder - External

External Holders Overview

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

Insert		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	40	94	94	94	94	100	100	100
	TCGT TCMT							
		STFCR/L Screw	STGCR/L Screw	STJCR/L Screw	STUCR/L Screw			
Page	66	110	110	110	110			
	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	44	95	95	95	95	101	101	104
	VBMT							
		SVHBR/L Screw	SVVBN Screw	SVJBR/L Screw				
Page	68	111	111	111				
	VCGT VCMT							
		SVHCR/L Screw	SVVCN Screw	SVJCR/L Screw				
Page	69	112	112	112				
	VNMA VNMG							
		TVVNN Double Clamp	TVJNR/L Double Clamp	TVHNR/L Double Clamp				
Page	51	102	102	102				
	WNMA WNMG							
		PWLNR/L Lever (+Clamp)	TWLNR/L Double Clamp	MWLNR/L Multi-Clamp				
Page	53	96	103	105				


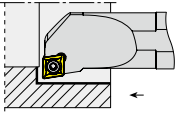
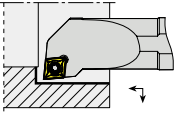
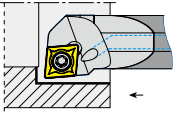

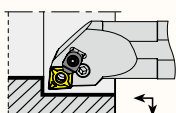
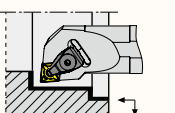
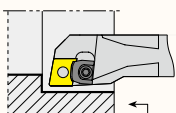

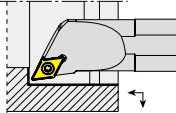
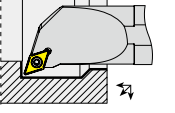
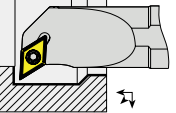
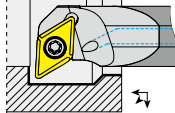

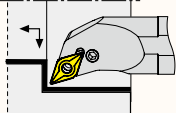
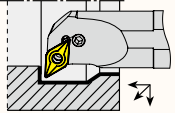
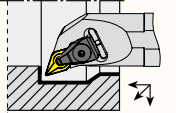
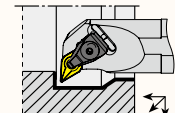
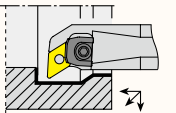

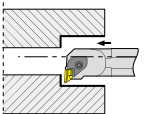

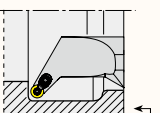

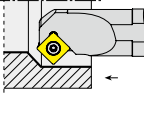
TURNING

PARTING & GROOVING

MILLING

DRILLING


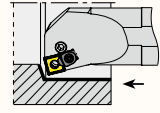
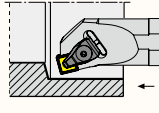

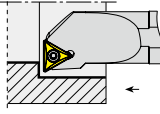
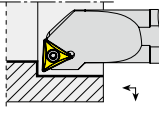

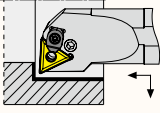
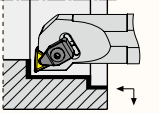
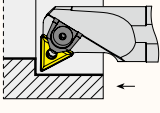
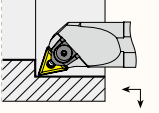
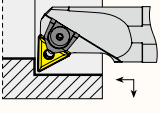

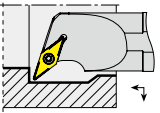
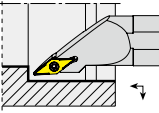
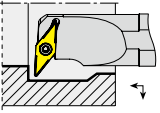

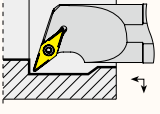
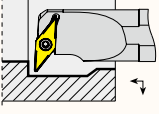

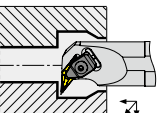

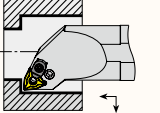
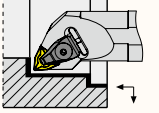
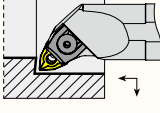
TECHNICAL INFORMATION

Insert		Turning Holder				
	CCGT CCMT					
		..SCFCR/L	..SCLCR/L	E..SCLCR/L		
		Screw	Screw	Screw		
Page	57	128	129	129		
	CNMA CNMG					
		..PCLNR/L	..TCLNR/L	..MCLNR/L		
		Lever (+Clamp)	Double Clamp	Multi-Clamp		
Page	28	113	118	124		
	DCGT DCMT					
		..SDPCR/L	..SDQCR/L	..SDUCR/L	E..SDUCR/L	
		Screw	Screw	Screw	Screw	
Page	60	130	130	131	131	
	DNMA DNMG					
		..PDQNR/L	..PDUNR/L	..TDQNR/L	..TDUNR/L	..MDUNR/L
		Lever (+Clamp)	Lever (+Clamp)	Double Clamp	Double Clamp	Multi-Clamp
Page	33	114	114	119	119	124
	KNUX					
		..CKUNR/L				
		Top Clamp				
Page	39	127				
	RCMT					
		..SRGCR-L				
		Screw Type				
Page	62	132				
	SCGT SCMT					
		..SSSCR/L				
		Screw Type				
Page	64	133				

Turning - Holder - Internal

Internal Holders Overview

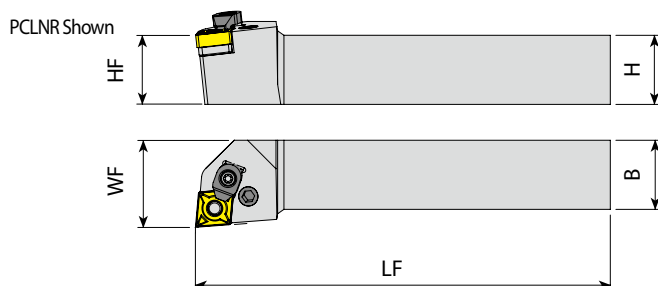
Click/Touch each page number and move to the very page!

Insert		Turning Holder				
	SNMA SNMG					
Page	40	..PSKNR/L Lever (+Clamp) 115	..TSKNR/L Double Clamp 120			
	TCGT TCMT					
Page	66	..STFCR/L Screw 134	..STUCR/L Screw 134			
	TNMA TNMG TNUX					
Page	44	..PTUNR/L Lever (+Clamp) 116	..TTUNR/L Double Clamp 121	..MTFNR/L Pin + Clamp 125	..MTQNR/L Multi-Clamp 125	..MTUNR/L Pin + Clamp 125
	VBMT					
Page	68	..SVQBR/L Screw 135	..SVJBR/L Screw 135	..SVUBR/L Screw 135		
	VCGT VCMT					
Page	69	..SVQCR/L Screw 136	..SVUCR/L Screw 136			
	VNMA VNMG					
Page	51	..TVUNR/L Double Clamp 122				
	WNMA WNMG					
Page	53	..PWLNR/L Lever (+Clamp) 117	..TWLNR/L Double Clamp 123	..MWLNR/L Multi-Clamp 126		

TURNING
PARTING & GROOVING
MILLING
DRILLING
TECHNICAL INFORMATION

Turning - Holder - External

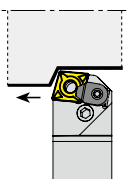
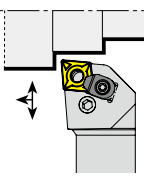
Lever Lock type for CN Insert**



* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 28

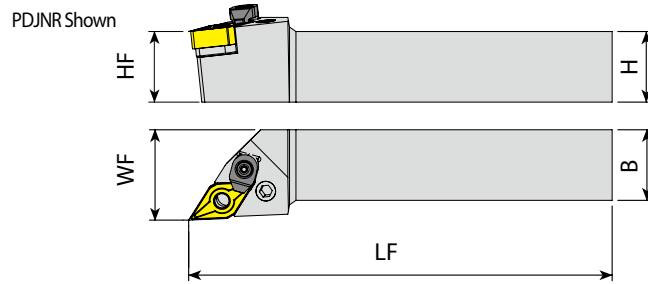
Unit:mm

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

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

Turning - Holder - External

Lever Lock type for DN Insert**



* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 33

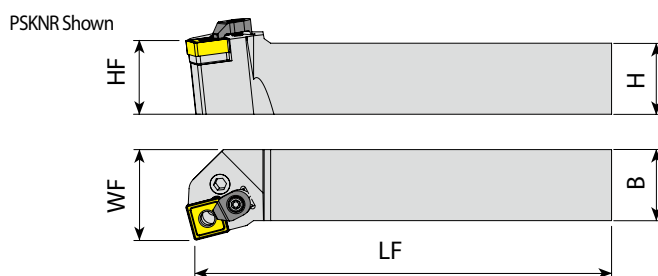
Unit: mm

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

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

Turning - Holder - External

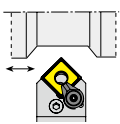
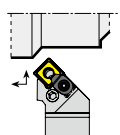
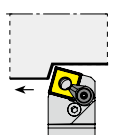
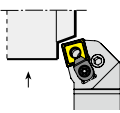
Lever Lock type for SN Insert**



* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 40

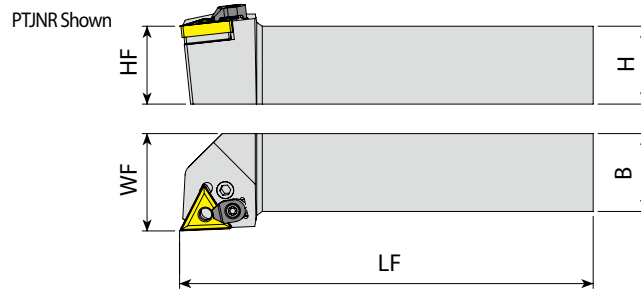
Unit:mm

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

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

Turning - Holder - External

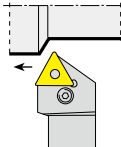
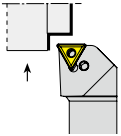
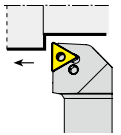
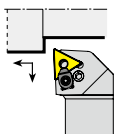
Lever Lock type for TN** Insert



* 'C' Letter at Last : Optional Clamp Included

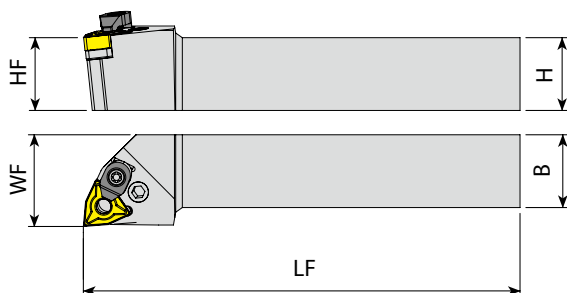
: Refer to p. 44

Unit: mm

Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert
 PTTNR/L 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	
	TN2204	PTTNR/L 2525M 22C	0626	0627	25	25	20.5	150
		PTTNR/L 3232P 16	0624	0625	32	32	31.0	170
		PTTNR/L 3232P 22C	0628	0629	32	32	29.0	170
 PTFNR/L 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	
	TN2204	PTFNR/L 2525M 22C	0564	0565	25	25	32.0	150
		PTFNR/L 3232P 16	0562	0563	32	32	40.0	170
		PTFNR/L 3232P 22C	0566	0567	32	32	40.0	170
 PTGNR/L 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	
	TN2204	PTGNR/L 2525M 16	0057	0058	25	25	32.0	150
		PTGNR/L 2525M 22C	0570	0571	25	25	32.0	150
		PTGNR/L 3232P 22C	0572	0573	32	32	40.0	170
 PTJNR/L 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	
	TN2204	PTJNR/L 3232P 16	0603	0604	32	32	40.0	170
		PTJNR/L 2525M 22C	0605	0606	25	25	32.0	150
		PTJNR/L 3232P 22C	0607	0608	32	32	40.0	170

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

Lever Lock type for WN** Insert

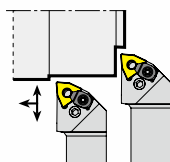


* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 53

Unit:mm

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



PWLNR/L

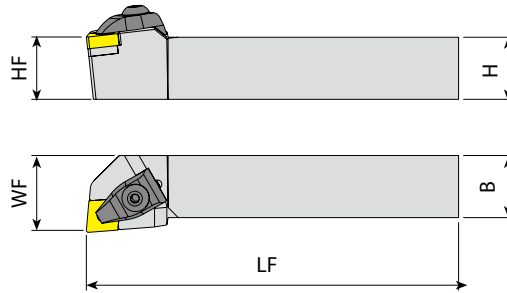
Approach angle
95°

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

Turning - Holder - External

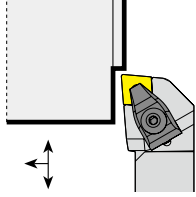
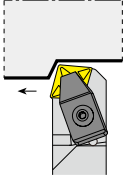
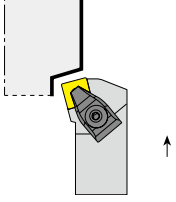
Double Clamp type for CN Insert**

TCLNR Shown



: Refer to p. 28

Unit:mm

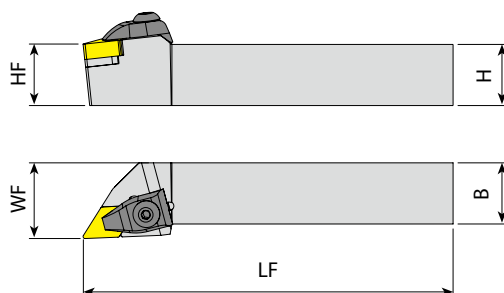
Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <p>TCLNR/L Approach angle 90°</p>	TCLNR/L 2020K 12	0482	0483	20	20	25	125	CN1204
	TCLNR/L 2525M 12	0484	0485	25	25	32	150	
	TCLNR/L 3232P 12	0486	0487	32	32	40	170	
	TCLNR/L 4040S 12	0488	0489	40	40	50	250	
	TCLNR/L 5050S 12	0490	0491	50	50	63	250	
	TCLNR/L 2525M 16	0492	0493	25	25	32	150	CN1606
TCLNR/L 3232P 16	0494	-	32	32	40	170		
 <p>TCBNR/L Approach angle 75°</p>	TCBNR/L 2525M 16	0452	0453	25	25	22	150	CN1606
 <p>TCKNR/L Approach angle 75°</p>	TCKNR/L 2020K 12	0454	0455	20	20	25	125	CN1204
	TCKNR/L 2525M 12	0456	0457	25	25	32	150	
	TCKNR/L 3232P 12	0458	0459	32	32	40	170	
	TCKNR/L 2525M 16	0460	0461	25	25	32	150	CN1606
	TCKNR/L 3232P 16	0462	0463	32	32	40	170	

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

Turning - Holder - External

Double Clamp type for DN Insert**

TDJNR Shown



: Refer to p. 33

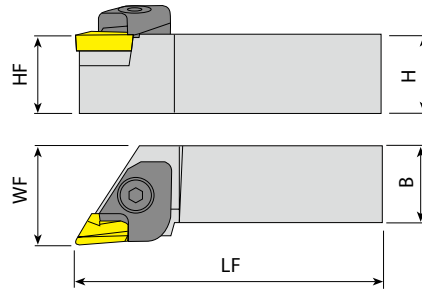
Unit:mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
<p>TDHNR/L 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>TDNNN Approach angle 62.5° max</p>	TDNNN 2020K 15	0518		20	20	10.0	125	DN1506
	TDNNN 2525M 15	0519		25	25	12.5	150	
	TDNNN 3232P 15	0520		32	32	16.0	170	
<p>TDJNR/L 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

Turning - Holder - External

Top Clamp type for KN Insert**



: Refer to p. 39

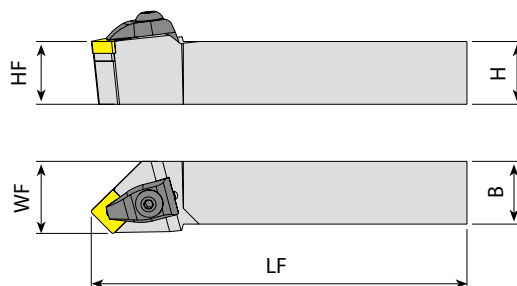
Unit: mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
<p>CKJNR/L 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	Information	Clamp	Clamp Screw	Spring	Upper Ring	Shim	Shim Screw	Allen Key
CK..	..16	Description	YACK-01-R	YAKV-06-M6x20	YAKY-02	YABPL-01	YAKS-16-R	YAAV-01-M3x10	YAAL-05-4
		EDP	18000064	18000083	18000164	18000058	18000154	18000155	18000062
	..16	Description	YACK-02-L	YAKV-06-M6x20	YAKY-02	YABPL-01	YAKS-16-L	YAAV-01-M3x10	YAAL-05-4
		EDP	18000063	18000083	18000164	18000058	18000153	18000155	18000062

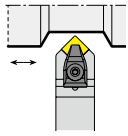
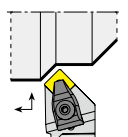
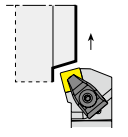
Double Clamp type for SN** Insert

TSSNR Shown



: Refer to p. 40

Unit:mm

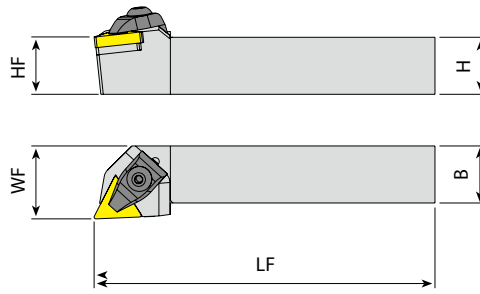
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 <p>TSDNN Approach angle 45°</p>	TSDNN 1616H 12	0533		16	16	8.0	100	SN1204
	TSDNN 2020K 12	0534		20	20	10.0	125	
	TSDNN 2525M 12	0535		25	25	12.5	150	
	TSDNN 3232P 12	0536		32	32	16.0	170	
 <p>TSSNR/L Approach angle 45°</p>	TSSNR/L 2020K 12	0554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

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

Turning - Holder - External

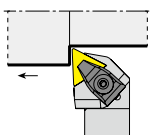
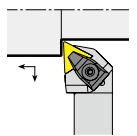
Double Clamp type for TN** Insert

TTJNR Shown



: Refer to p. 44

Unit: mm

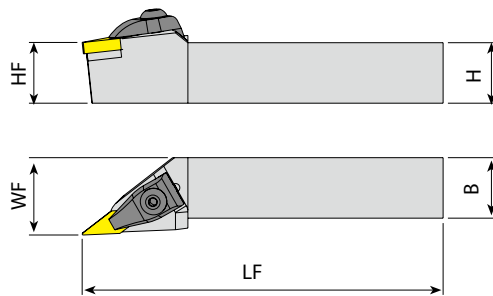
Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
 <p>TTGNR/L Approach angle 91°</p>	TTGNR/L 2020K 16	0574	0575	20	20	25	125	TN1604
	TTGNR/L 2525M 16	0576	0577	25	25	32	150	
	TTGNR/L 3232P 16	0578	0579	32	32	40	170	
	TTGNR/L 2525M 22	0580	0581	25	25	32	150	TN2204
	TTGNR/L 3232P 22	0582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

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

Turning - Holder - External

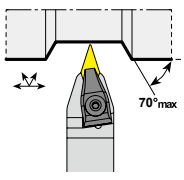
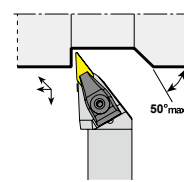
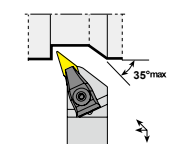
Double Clamp type for VN Insert**

TVJNR Shown



: Refer to p. 51

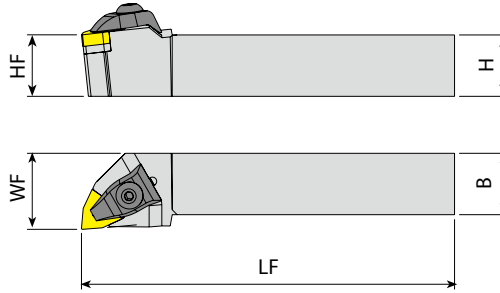
Unit:mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 <p>TVVNN 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>TVJNR/L 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>TVHNR/L 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



: Refer to p. 53

Unit: mm

Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert
		R	L					
<p>TWLNR/L 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	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
TW..	.06	Description	YATK-01	YAKV-01-M5x22	YABPL-01	-	YAAWN-SW317	YAAV-01-M3x10	YAAL-03-3
		EDP	18000074	18000080	18000058	-	18000152	18000155	18000061
	.08	Description	YATK-02	YAKV-30-M6x22	YABPL-01	YAS-01	YAAWN-3-0001	YAAV-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000151	18000156	18000061

Multi-Clamp type for TN** Insert

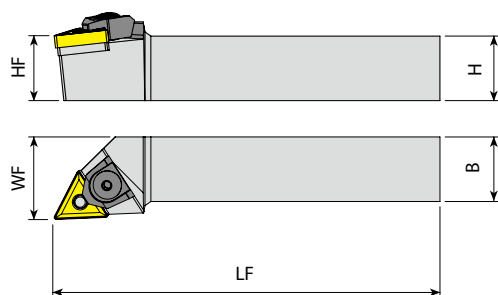
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



: Refer to p. 44

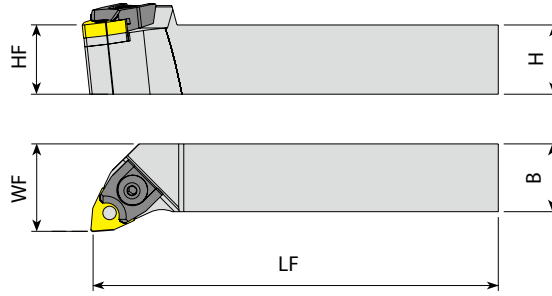
Unit:mm

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

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

Turning - Holder - External

Multi-Clamp type for WN** Insert



: Refer to p. 53

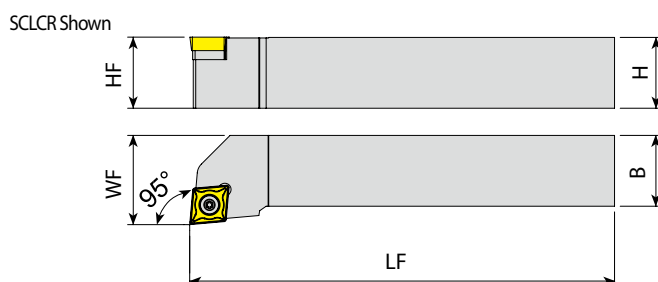
Unit: mm

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

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

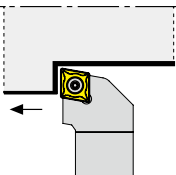
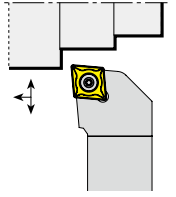
Turning - Holder - External

Screw on type for CC Insert**



☐: Refer to p. 57

Unit:mm

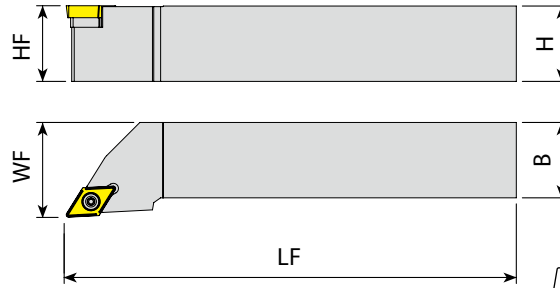
Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert
 <p>SCACR/L Approach angle 90°</p>	SCACR/L 0808E 06	0675	0676	08	08	10	70	CC0602
	SCACR/L 1010E 06	0677	0678	10	10	12	70	
	SCACR/L 1212F 09	0679	0680	12	12	16	80	CC09T3
	SCACR/L 1616H 09	0681	0682	16	16	20	100	
	SCACR/L 2020K 09	0683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

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

Turning - Holder - External

Screw on type for DC Insert**

SDJCR Shown



Unit: mm

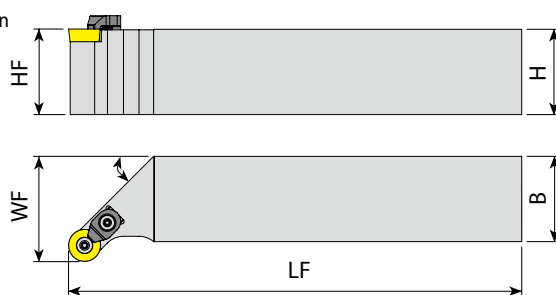
Series	Designation	EDP 2700.. R	EDP 2700.. L	H (= HF)	B	WF	LF	Insert	
<p>SDNCN Approach angle 62.5°</p>	SDNCN 0808E 07	0723		08	08	4.0	70	DC0702	
	SDNCN 1010E 07	0724		10	10	5.0	70		
	SDNCN 1212F 07	0123		12	12	6.0	80		
	SDNCN 1616H 07	0725		16	16	8.0	100		
	<p>SDJCR/L Approach angle 93°</p>	SDNCN 1616H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

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
SD..	..07	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..11	Description	Y4015-M3.5x14	YAADN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000140	18000159	18000167

Turning - Holder - External

Screw on type for RC** Insert

SRGCR Shown



* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 62

Unit:mm

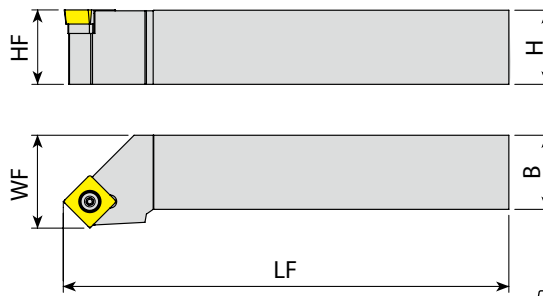
Series	Designation	EDP 2700..		H (= HF)	B	WF	LF	Insert	
		R	L						
<p>SRGCR/L Approach angle 90°</p>	SRGCR/L 1616H 06	0739	0740	16	16	20.0	100	RC0602	
	SRGCR/L 2020K 06	0741	0742	20	20	25.0	125		
	SRGCR/L 1616H 08C	0743	0744	16	16	32.0	100	RC0803	
	SRGCR/L 2020K 08C	0745	0746	20	20	25.0	125		
	SRGCR/L 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		
	SRGCR/L 2525M 10C	0753	0754	25	25	32.0	150	RC1204	
	SRGCR/L 2020K 12C	0757	0758	20	20	25.0	125		
	SRGCR/L 2525M 12C	0759	0760	25	25	32.0	150		
	SRGCR/L 3232P 10C	0755	0756	32	32	40.0	170	RC1204	
	SRGCR/L 3232P 12C	0761	0762	32	32	40.0	170		
	<p>SRDCN Approach angle 90°</p>	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		
<p>SRHCR/L</p>	SRHCR/L 2525K 06	0763	-	25	25	25.0	125	RC0602	
	SRHCR/L 2525K 08	0764	0765	25	25	25.0	125	RC0803	
	SRHCR/L 2525K 10	0766	0767	25	25	25.0	125	RC10T3	
	SRHCR/L 2525K 12	0768	0769	25	25	25.0	125	RC1204	

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

Turning - Holder - External

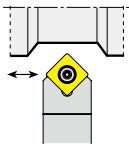
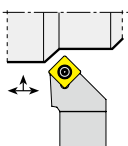
Screw on type for SC Insert**

SSSCR Shown



: Refer to p.64

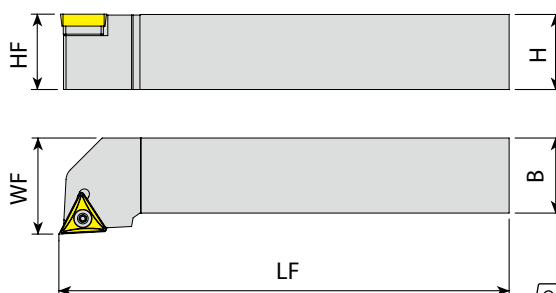
Unit:mm

Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert	
 <p>SSDCN Approach angle 45°</p>	SSDCN 1212F 09	0148	12	12	6.0	80	SC09T3	
	SSDCN 1616H 09	0149	16	16	8.0	100		
	SSDCN 2020K 09	0770	20	20	10.0	125		
		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	
 <p>SSSCR/L Approach angle 45°</p>	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	Information	Screw	Shim	Shim Screw	Torx Key
SS..	..1212..09	Description	Y4015-M3.5x11	-	-	Y80-T15
		EDP	18000118	-	-	18000167
	..1616~2020..09	Description	Y4015-M3.5x14	YAASN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000135	18000159	18000167
	..1616..12	Description	Y4020-M4.5x12	YAASN-2-0004	YAAV-10-M4.5x8	Y80-T20
		EDP	18000134	18000144	18000162	18000168
	..2020~2525..12	Description	Y1020-M4.5x16	YAASN-2-0004	YAAV-07-M4.5x13	Y80-T20
		EDP	18000120	18000144	18000160	18000168

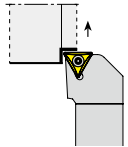
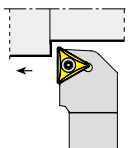
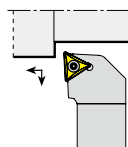
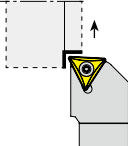
Screw on type for TC** Insert

STJCR Shown



: Refer to p. 66

Unit:mm

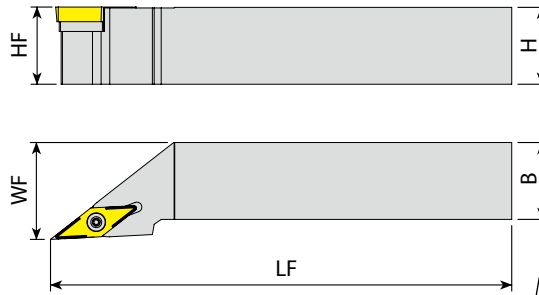
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 STFCR/L Approach angle 91°	STFCR/L 1212F 11	0099	0100	12	12	16	80	TC1102
	STFCR/L 1616H 11	0101	0102	16	16	20	100	
	STFCR/L 1616H 16	0105	0106	16	16	20	100	TC16T3
	STFCR/L 2020K 16	0107	0108	20	20	25	125	
	STFCR/L 2525M 16	0109	0110	25	25	32	150	
	STFCR/L 3232P 16	0784	0785	32	32	40	170	
 STGCR/L 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	
 STJCR/L 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	
 STUCR/L Approach angle 93°	STUCR/L 1212F 11	0808	0809	12	12	16	80	TC1102
	STUCR/L 1616H 11	0810	0811	16	16	20	100	
	STUCR/L 2020K 16	0812	0813	20	20	25	125	TC16T3
	STUCR/L 2525M 16	0814	0815	25	25	32	150	
	STUCR/L 3232P 16	0816	0817	32	32	40	170	

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

Turning - Holder - External

Screw on type for VB Insert**

SVJBR Shown



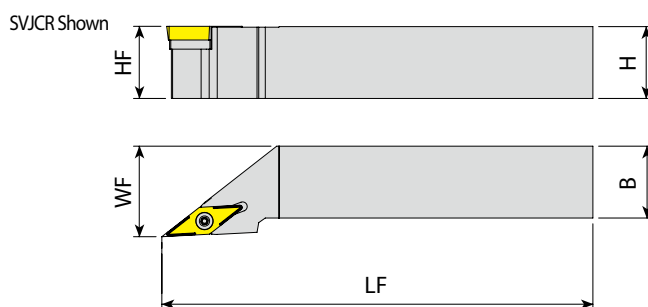
Unit: mm

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

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

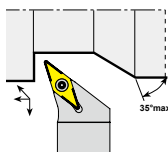
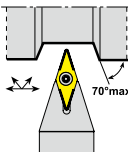
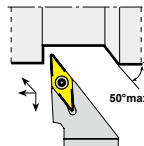
Turning - Holder - External

Screw on type for VC Insert**



: Refer to p. 69

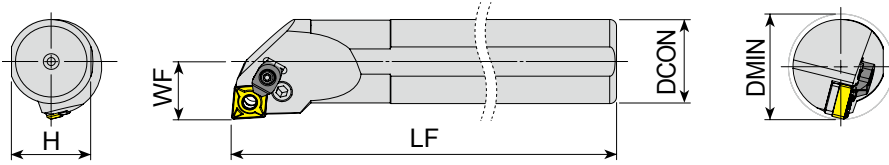
Unit:mm

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

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

Turning - Holder - Internal

Lever Lock type for CN** Insert

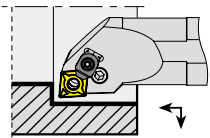


* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 28

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
	●	A40T - PCLNR/L 16C	0849 0850	50	40	37.5	27		300
	A50U - PCLNR/L 16C	0851 0852	63	50	47	35	350		
X	S32T - PCLNR/L 16C	0871 0872	40	32	30	22	300		
	S40U - PCLNR/L 16C	0873 0874	50	40	37.5	27	350		
	S50V - PCLNR/L 16C	0875 0876	63	50	47	35	400		
●	A40T - PCLNR/L 19C	0853 0854	50	40	37.5	27	300	CN1906	
	A50U - PCLNR/L 19C	0855 0856	63	50	47	35	350		
	X	S40U - PCLNR/L 19C	0877 0878	50	40	37.5	27		350
		S50V - PCLNR/L 19C	0879 0880	63	50	47	35		400



..-PCLNR/L

Approach angle
95°

TURNING

PARTING & GROOVING

MILLING

DRILLING

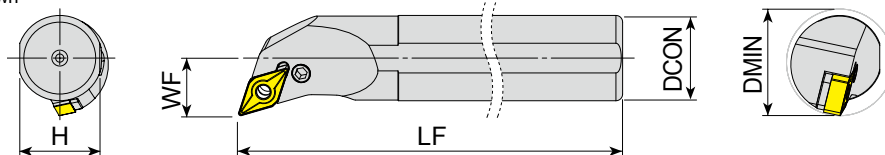
TECHNICAL INFORMATION

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

Turning - Holder - Internal

Lever Lock type for DN** Insert

..PDQNR Shown



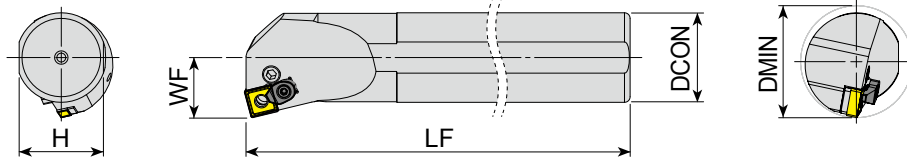
: Refer to p. 33

Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
<p>..PDQNR/L Approach angle 107.5°</p>	● 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		
<p>..PDUNR/L Approach angle 93°</p>	A32S - PDUNR/L 15	0920	0921	40	32	30	22	250	DN1506
	● A40T - PDUNR/L 15	0922	0923	50	40	37.5	27	300	
	A50U - PDUNR/L 15	0924	0925	63	50	47	35	350	
	S25S - PDUNR/L 15	0934	0935	32	25	23	19	250	
	X S32T - PDUNR/L 15	0936	0937	40	32	30	22	300	
	S40U - PDUNR/L 15	0938	0939	50	40	37.5	27	350	
	S50V - PDUNR/L 15	0940	0941	63	50	47	35	400	

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

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



* 'C' Letter at Last : Optional Clamp Included

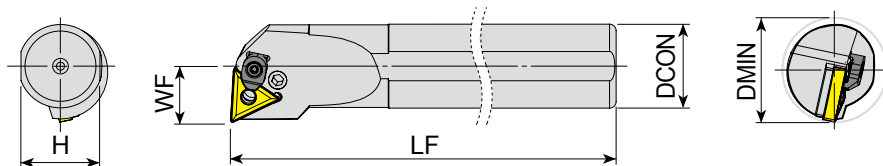
: Refer to p.40

Unit:mm

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

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

Lever Lock type for TN** Insert

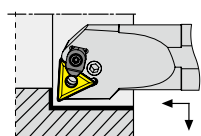


* 'C' Letter at Last : Optional Clamp Included

: Refer to p.44

Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
	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	
X	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	
	S32T - PTUNR/L 22C	1024	1025	40	32	30	22	300	TN2204
X	S40U - PTUNR/L 22C	1026	1027	50	40	37.5	27	350	
	S50V - PTUNR/L 22C	1028	1029	63	50	47	35	400	



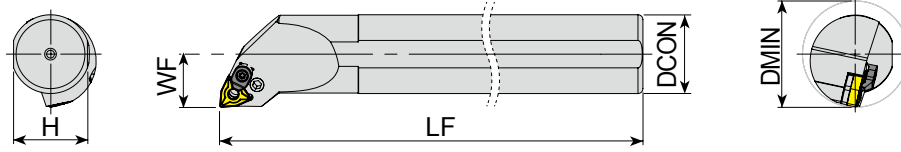
..PTUNR/L

Approach angle
93°

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

Turning - Holder - Internal

Lever Lock type for WN** Insert

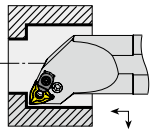


* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 53

Unit:mm

Series	Designation	EDP 2700.. R 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	
	S20R - PWLNR/L 06	1076 1077	25	20	18.3	13	200	
	X S25S - PWLNR/L 06	1078 1079	32	25	23	17	250	
	S32T - PWLNR/L 06	1080 1081	40	32	30	22	300	
●	A25R - PWLNR/L 08C	1054 1055	32	25	23	17	200	WN0804
	A32S - PWLNR/L 08C	1056 1057	40	32	30	22	250	
	A40T - PWLNR/L 08C	1058 1059	50	40	37.5	27	300	
	A50U - PWLNR/L 08C	1060 1061	63	50	47	35	350	
	S25S - PWLNR/L 08C	1082 1083	32	25	23	17	250	
	X 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	

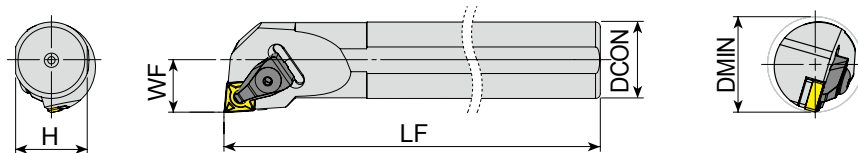


..-PWLNR/L

Approach angle
95°

Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..PW..	..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	..08C	Description	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAAWN-3-0001	YAAY-02	YAAL-03-3
		EDP	18000093	18000100	18000065	18000119	18000151	18000054	18000061

Double Clamp type for CN** Insert



: Refer to p. 28

Unit:mm

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

TURNING

PARTING & GROOVING

MILLING

DRILLING

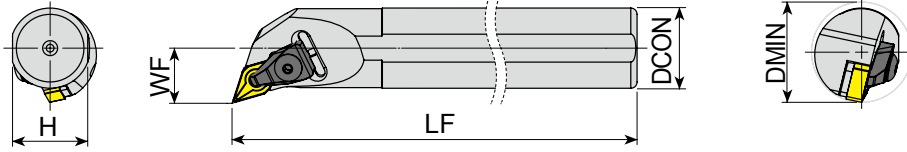
TECHNICAL INFORMATION

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

Turning - Holder - Internal

Double Clamp type for DN** Insert

..TDQNR Shown



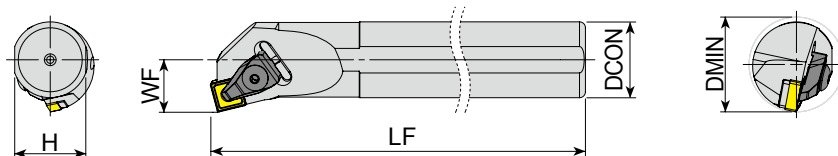
: Refer to p. 33

Unit:mm

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

Double Clamp type for SN** Insert



: Refer to p. 40

Unit:mm

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

TURNING

PARTING & GROOVING

MILLING

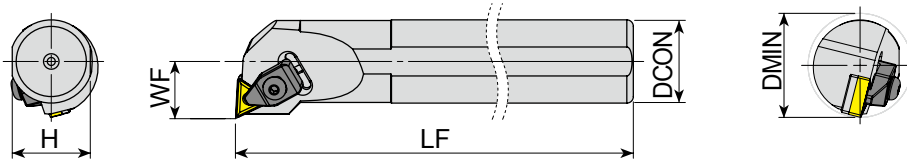
DRILLING

TECHNICAL INFORMATION

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

Turning - Holder - Internal

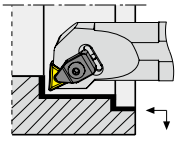
Double Clamp type for TN Insert**



: Refer to p. 44

Unit:mm

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



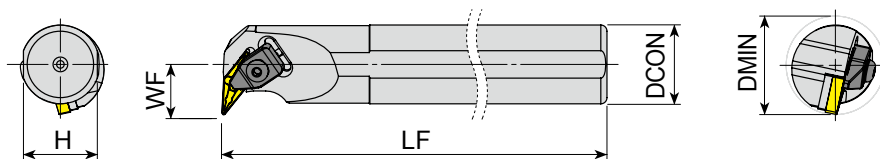
..-TTUNR/L

Approach angle
93°

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**



: Refer to p. 51

Unit:mm

Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
 ..TVUNR/L Approach angle 93°	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	

TURNING

PARTING & GROOVING

MILLING

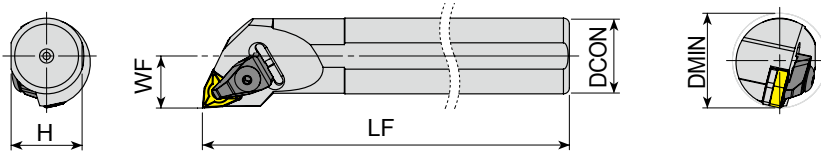
DRILLING

TECHNICAL INFORMATION

Series	Designation	Information	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

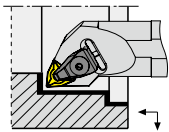
Double Clamp type for WN Insert**



: Refer to p. 53

Unit:mm

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



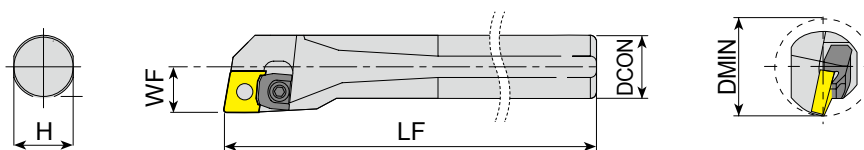
..-TWLNR/L

Approach angle
95°

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

Turning - Holder - Internal

Multi-Clamp type for CN Insert**



: Refer to p. 28

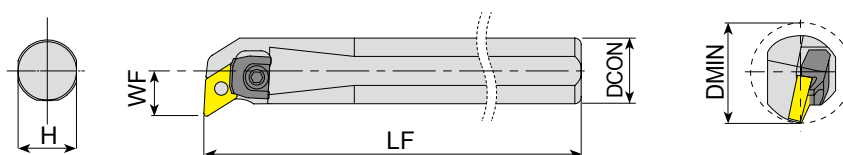
Unit:mm

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

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

Turning - Holder - Internal

Multi-Clamp type for DN Insert**



: Refer to p. 33

Unit:mm

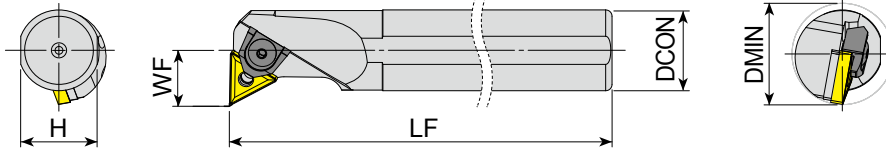
Series	Designation	EDP 2700.. R	EDP 2700.. L	DMIN	DCON	H	WF	LF	Insert
<p>..-MDUNR/L Approach angle 93°</p>	S32T - MDUNR/L15	0928	0929	40	32	30	22	300	DN1506
	S40U - MDUNR/L15	0930	0931	50	40	37.5	27	350	
	S50V - MDUNR/L15	0932	0933	63	50	47	35	400	

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

Turning - Holder - Internal

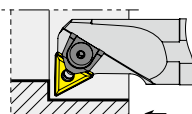
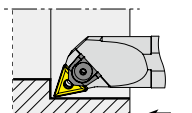
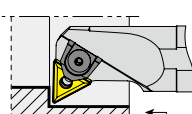
Multi-Clamp type for TN Insert**

..-MTFNR Shown



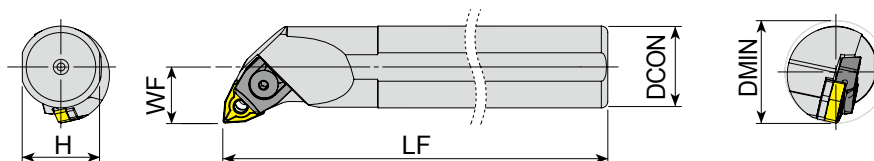
: Refer to p. 44

Unit:mm

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

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

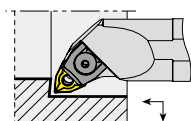
Multi-Clamp type for WN** Insert



: Refer to p. 53

Unit:mm

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



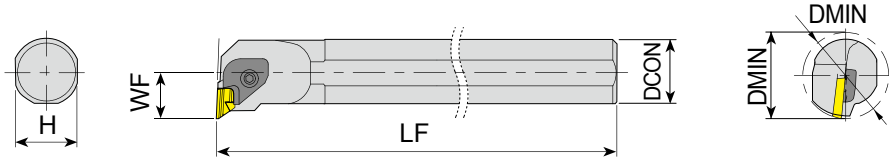
..-MWLNR/L

Approach angle
95°

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

Turning - Holder - Internal

Top Clamp type for KN** Insert



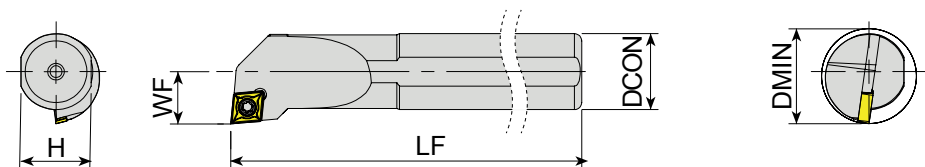
: Refer to p. 39

Unit:mm

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

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

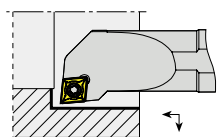
Screw on type for CC** Insert



: Refer to p. 57

Unit:mm

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



..- SCFCR/L

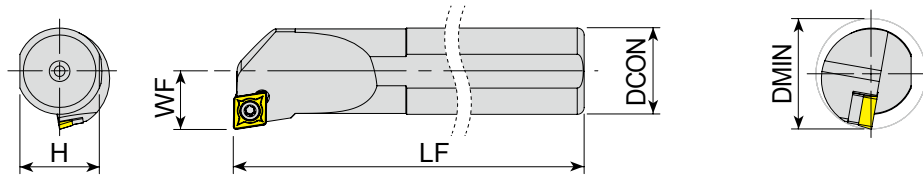
Approach angle
91°

▶ NEXT PAGE

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

Turning - Holder - Internal

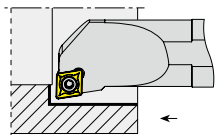
Screw on type for CC Insert**



: Refer to p. 57

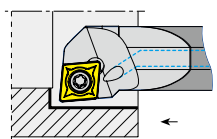
Unit:mm

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



..-SCLCR/L

Approach angle
95°



E..-SCLCR/L
(Carbide Shank)

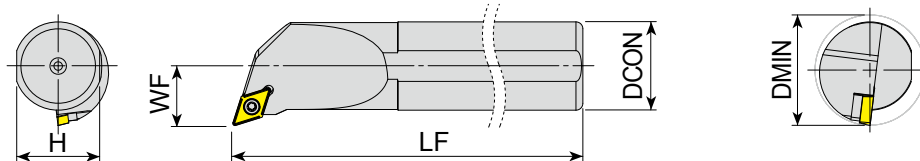
Approach angle
95°

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

Turning - Holder - Internal

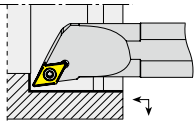
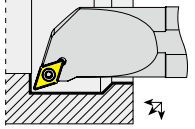
Screw on type for DC Insert**

..SDQCR Shown



: Refer to p. 60

Unit:mm

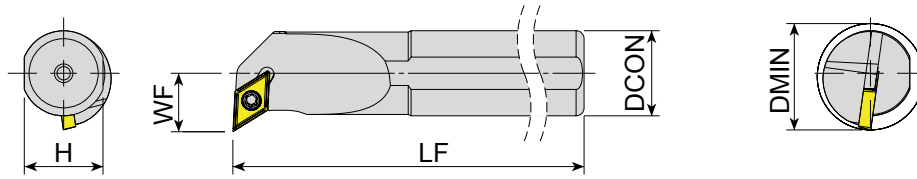
Series	Designation	EDP 2700..		DMIN	DCON	H	WF	LF	Insert
		R	L						
 ..SDPCR/L Approach angle 117.5°	S10K - SDPCR/L07	1162	1163	13	10	9	7	125	DC0702
	S12K - SDPCR/L07	1164	1165	16	12	11	9	125	
	S16P - SDPCR/L11	1166	1167	20	16	14.8	11	170	DC11T3
	S25S - SDPCR/L11	1170	1171	32	25	23	17	250	
 ..SDQCR/L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

▶ NEXT PAGE

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

Turning - Holder - Internal

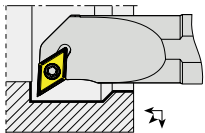
Screw on type for DC Insert**



: Refer to p. 60

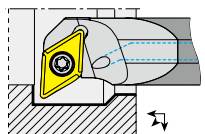
Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert		
●	A10H - SDUCR/L 07	1206 1207	13	10	9	8	100	DC0702		
	A12H - SDUCR/L 07	1208 1209	16	12	11	9	100			
	A16M - SDUCR/L 07	1210 1211	20	16	14.8	11	150			
	A20P - SDUCR/L 07	1212 1213	25	20	18.3	13	170			
	S10K - SDUCR/L 07	1222 1223	13	10	9	8	125			
	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	DC11T3
		A20P - SDUCR/L 11	1216 1217	25	20	18.3	13		170	
A25R - SDUCR/L 11		1218 1219	32	25	23	17	200			
A32S - SDUCR/L 11		1220 1221	40	32	30	22	250			
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	DC0702		
	E12Q - SDUCR/L 07	1243 1244	16	12	11	9	180			
	E16R - SDUCR/L 11	0339 1245	20	16	14.8	11	200	DC11T3		
	E20S - SDUCR/L 11	1246 1247	23	20	18.3	12	250			



..SDUCR/L

Approach angle 93°



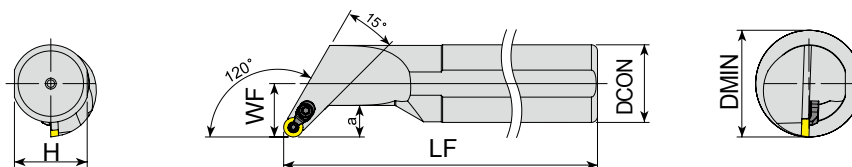
E..SDUCR/L

(Carbide Shank)

Approach angle 93°

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

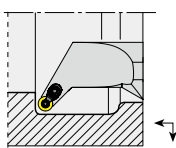
Screw on type for RC** Insert



* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 62

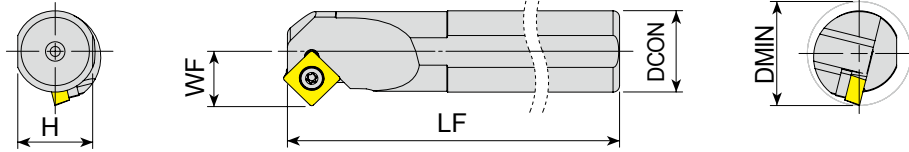
Unit:mm

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

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

Turning - Holder - Internal

Screw on type for SC Insert**



: Refer to p. 64

Unit:mm

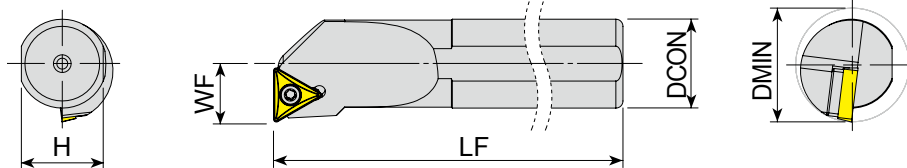
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
<p>.. - SSSCR/L Approach angle 45°</p>	S16P - SSSCR/L09	1255 1256	20	16	14.8	11	170	SC09T3
	S25S - SSSCR/L09	1259 1260	32	25	23	17	250	
	S25S - SSSCR/L12	1261 1262	32	25	23	17	250	SC1204
	S32T - SSSCR12	1263 -	40	32	30	22	300	

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**

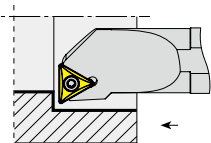
..STFCR Shown



: Refer to p.66

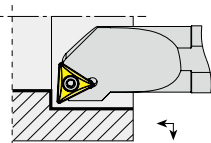
Unit:mm

Series	Designation	EDP 2700.. R	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		TC1102
	S16P - STUCR/L 11	1281	1282	20	16	14.8	11	170		
S20R - STUCR/L 11	1283	1284	25	20	18.3	13	200			
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

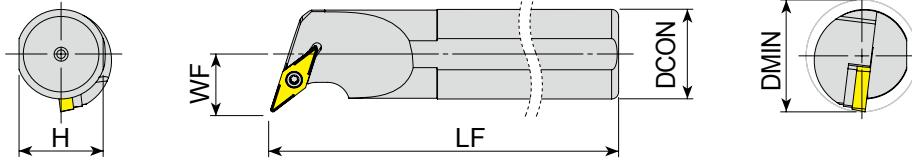
Approach angle
93°

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

Turning - Holder - Internal

Screw on type for VB Insert**

..STFCR Shown



: Refer to p. 68

Unit:mm

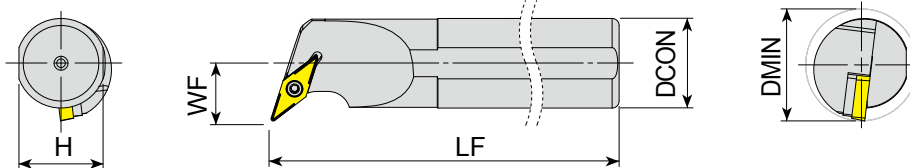
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
<p>..SVQBR/L Approach angle 107.5°</p>	● A20Q - SVQBR/L 16	1299 1300	30	20	18.3	20	180	VB1604
	● A25S - SVQBR/L 16	1301 1302	32	25	23	17	250	
	A32S - SVQBR/L 16	1303 1304	40	32	30	22	250	
	X S25S - SVQBR/L 16	1305 1306	32	25	23	17	250	
	X S32T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

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

Turning - Holder - Internal

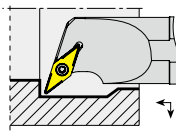
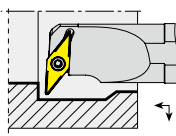
Screw on type for VC Insert**

..SVQCR Shown



: Refer to p. 69

Unit:mm

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

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