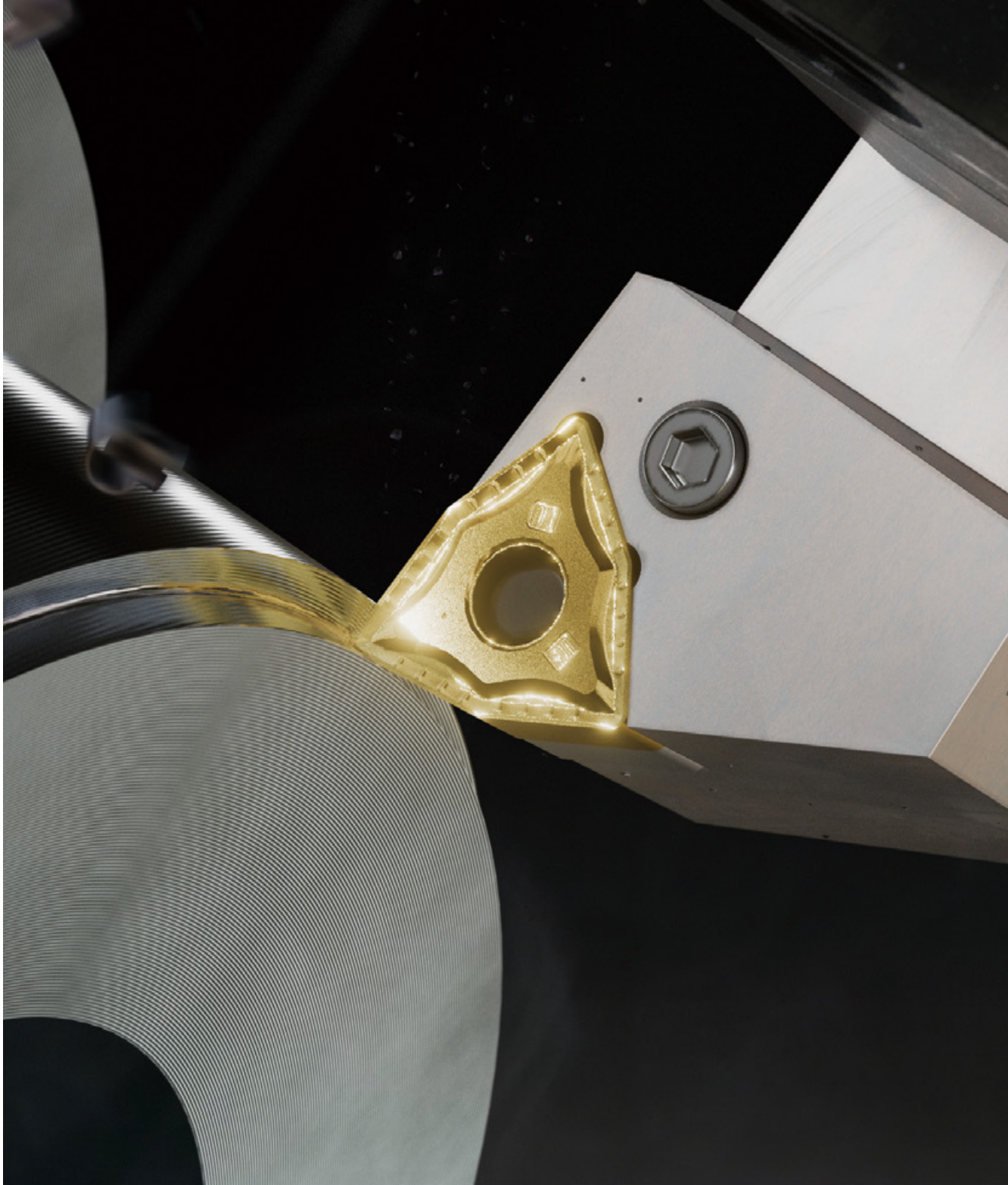




ISO TURNING

Product Overview

Application Guide

Turning Inserts Overview

Turning Inserts

Turning Holders Overview

Turning Holders

Turning - Name Code System

External Turning Holder Code

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

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	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)

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

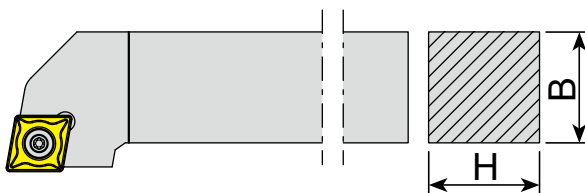
5 - Hand Direction

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

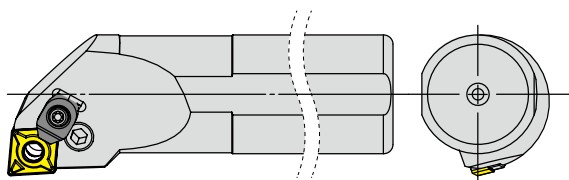
*Metric

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	

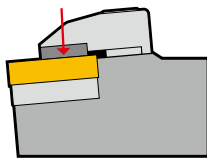
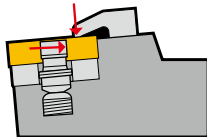
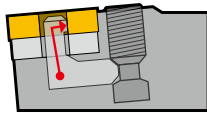
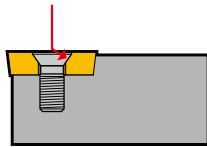
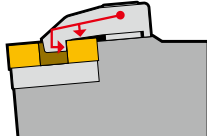
2 - Shank Diameter (DCON)



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	R	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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TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

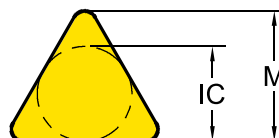
1	2	3	4	5	6	7	8	9
C	N	M	G	12	04	08	-UG	YG3115
Shape	Clearance	Tolerance	Clamping & Chipbreaker	Insert Size	Insert Thickness	Corner Radius	Chipbreaker Geometry	Grade

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	

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	



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		

Insert ISO Code System

*Inch

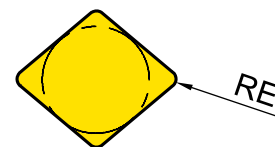
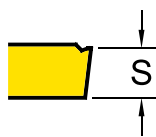
page 14

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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
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

PARTING & GROOVING

Carbide CVD (4 Digits)	●	●	●	●	YG3115
Carbide PVD (3 Digits)	●	●	●		YG211
Carbide Uncoated (2 Digits)	●	●			YG10

MILLING

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		●		

DRILLING

TECHNICAL INFORMATION

4 & 5 - Application Range

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

(6) - (Minor Variation)

G - Gold Coated Version

Product Overview

Turning Grades Map

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

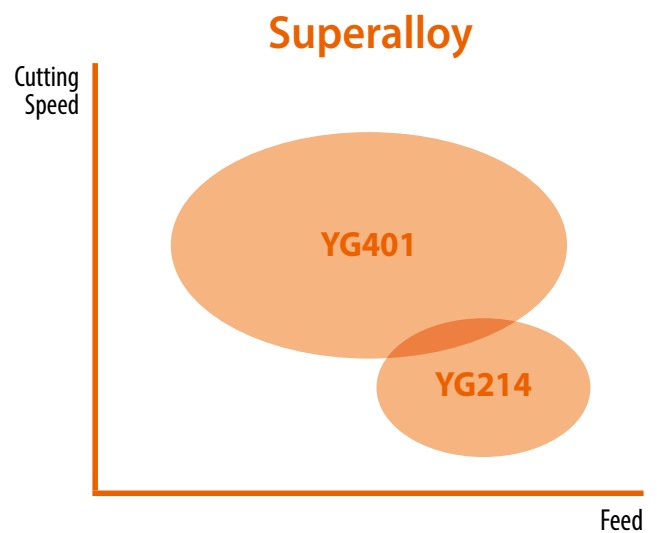
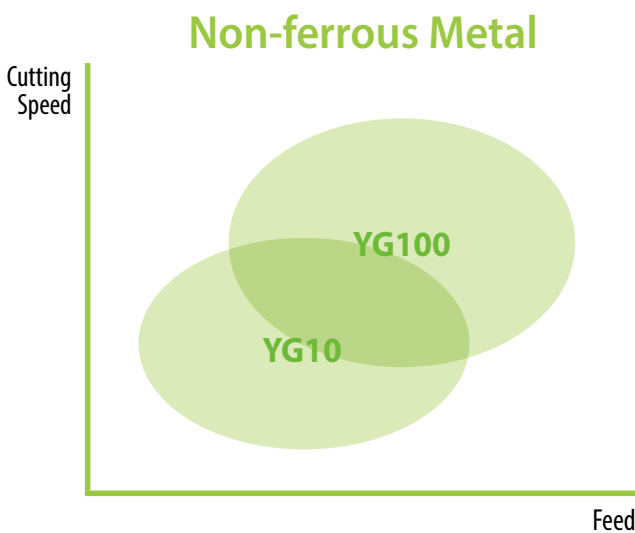
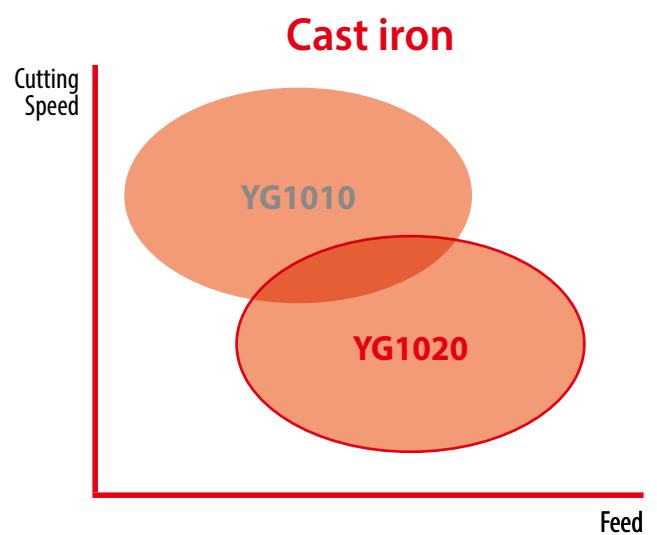
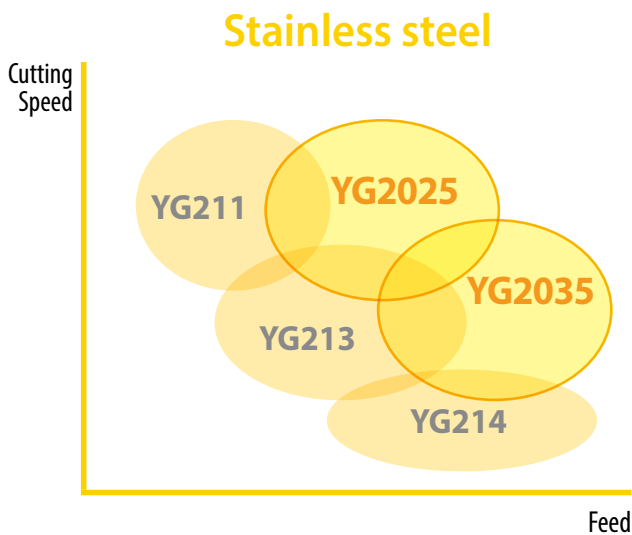
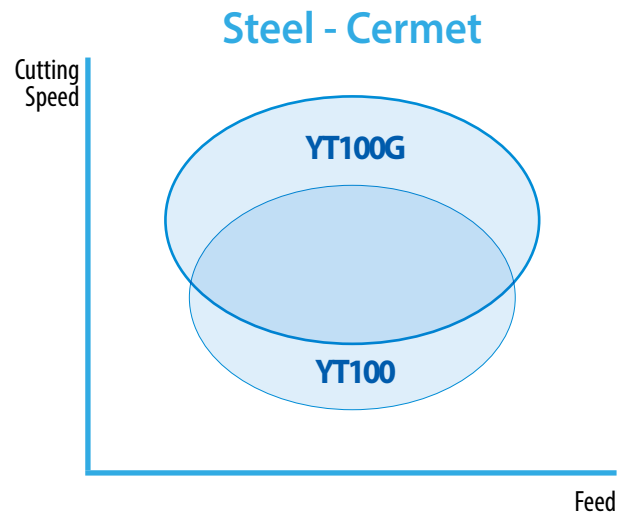
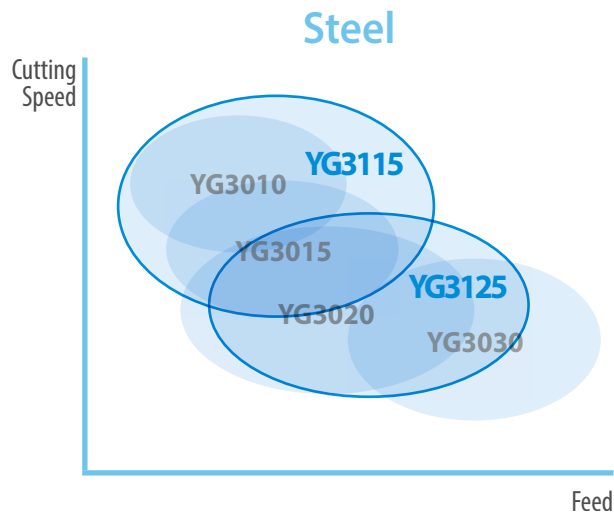
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



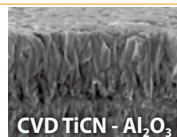
Product Overview

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
TURNING	YG1010								1010						
	YG1001	1001							1001						
	YG1020								1020						
	YG3010	3010							3010						
	YG3015	3015													
	YG3115	3115													
	YG3125	3125													
	YG3020	3020													
	YG3030	3030													
	YG2025					2025									
	YG2035						2035								
PARTING & GROOVING	YG801	801													
	YG211					211									
	YG213					213									
	YG214					214									
	YG401													401	
MILLING	YG100	YT100				YT100			YT100						
	YG100G	YT100G				YT100G			YT100G						
	YG100											100			
DRILLING	YG10											10			
TECHNICAL INFORMATION	YG1010	K05 - K15													
	YG1001	P01 - P10 K10 - K25													
	NEW YG1020	K15 - K25													
	YG3010	P05 - P20 K15 - K35													
	YG3015	P10 - P25													
	YG3115	P15 - P25													
TECHNICAL INFORMATION	NEW YG3125	P20 - P30													

YG1010

K05 - K15

CVD TiCN - Al₂O₃

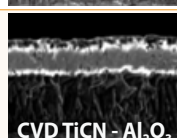
First Choice for Cast Iron

- Effective coating structure enables high speed machining
- Special post treatment for improved chipping resistance

YG1001

P01 - P10

K10 - K25

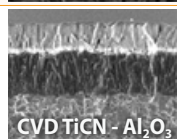
CVD TiCN - Al₂O₃

Stable Machining of Cast Iron

- 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

CVD TiCN - Al₂O₃

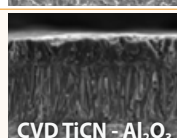
First choice for ductile cast iron

- Excellent wear and fracture resistance when machining ductile cast iron
- New coating ensures outstanding resistance to abrasion wear

YG3010

P05 - P20

K15 - K35

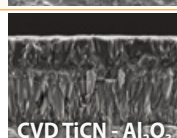
CVD TiCN - Al₂O₃

First choice for Finishing Steels, and Ductile Cast iron

- 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

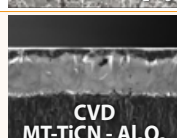
CVD TiCN - Al₂O₃

Balanced Productivity for Continuous cut

- High wear resistance and improved toughness ensures high productivity with less trouble

YG3115

P15 - P25

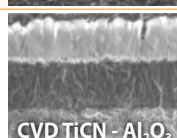
CVD MT-TiCN - Al₂O₃

First choice grade for high cutting speed in Steels

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

NEW YG3125

P20 - P30

CVD TiCN - Al₂O₃

Recommended first grade for steel

- New substrates with a unique combination of good toughness and plastic deformation resistance
- General Machining on steel

Product Overview

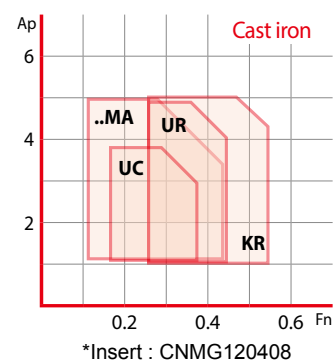
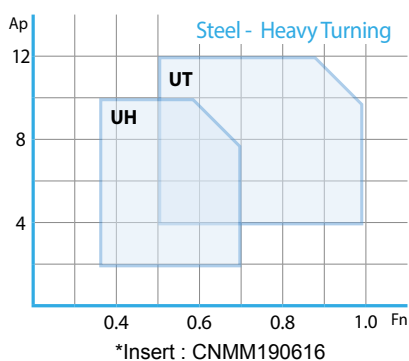
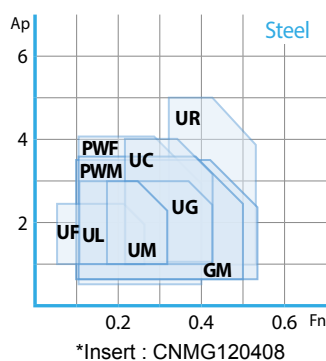
Turning Grades

YG3020 P15 - P30	 CVD TiCN - Al ₂ O ₃	First Choice Grade for General Steel Application • Substrate especially designed for good toughness • Excellent surface smoothness increases wear resistance and reliability
YG3030 P20 - P35	 CVD TiCN - Al ₂ O ₃	Interrupted Cutting of Steel and Stainless steel • 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
YG801 P10 - P30	 PVD - TiAlN	for Carbon Steel with Low Cutting Speed • Recommended for mild steel and boring application • Substrate and special PVD coating for excellent wear resistance
YG2025 M15 - M35	 CVD TiCN - Al ₂ O ₃	CVD grade for High Cutting Speed for Stainless steel • 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
NEW YG2035 M30 - M40	 CVD TiCN - Al ₂ O ₃	CVD Coated Grade for stainless steel at Low Cutting Speed • 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
YG211 M05 - M25	 PVD - TiAlN	High wear Resistance Grade for Stainless steel • Finishing Stainless steel
YG213 M20 - M35	 PVD - TiAlN	First Choice Grade on Low Cutting Speed of Stainless steel • First choice on Stainless steel for Low cutting speed • For Medium to low cutting speed
YG214 M30 - M40 S25 - S30	 PVD - TiAlN	Heavy Interrupted cut for Stainless steel • For Heavy Interrupted cut on Stainless steel • Minimize risk of Mechanical fracture or Chipping
YG401 S10 - S20	 PVD - TiAlSiN	PVD Turning Grade for HRSA • 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
YT100 P10 - P20 M10 - M20 K10 - K20	 Cermet	New Generation Cermet Grade • Enhanced wear resistance & chipping resistance • Excellent fracture resistance • Superior surface finish with special edge preparation
NEW YT100G P5 - P20 M5 - M20 K5 - K20	 PVD TiN	PVD-coated Cermet grade for turning • Outstanding wear resistance and a low coefficient of friction enable high-speed turning of steels, stainless steels, and cast irons with extended tool life
YG100 N05 - N25	 DLC	First Choice Grade for Aluminum with DLC Coating • Submicron carbide for high wear resistance • DLC coating minimizes Built Up Edge tendency. • Improve tool life in sticky non-ferrous alloy
YG10 N05 - N25	 Uncoated	Uncoated Grade for General Aluminum • Substrate consisted of submicron carbide for high wear resistance • Shining surface to prevent built up edge

Product Overview

Turning Chipbreakers - Negative

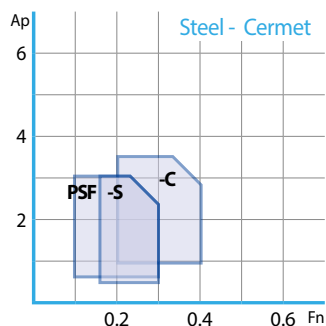
	P M K N S					Feed	Fn (mm/rev.)						
							0	0.1	0.2	0.3	0.4	0.5	0.6
TURNING	P					UF	Finishing		Fn 0.05~0.25 Ap 1.0~2.5				
	P					NEW PWF	Wiper-Finishing		Fn 0.10~0.40 Ap 0.5~4.0				
	P					UL	Semi Finishing and sticky materials		Fn 0.1~0.3 Ap 1.0~3.0				
	P					UM	Medium & Unstable conditions		Fn 0.15~0.3 Ap 1.0~3.0				
PARTING & GROOVING	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				
	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				
MILLING	P					UT	Heavy roughing		Fn 0.5~1.0 Ap 4.0~12.0				
	P					UC	Medium Roughing and First choice for Cast iron		Fn 0.2~0.4 Ap 1.0~4.0				
	P					UR	Roughing and Heavy interrupted cut		Fn 0.3~0.5 Ap 1.0~5.0				
						..MA	Cast iron Heavy Roughing		Fn 0.15~0.50 Ap 1.0~5.0				
DRILLING													
TECHNICAL INFORMATION													

Depth of Cut
Ap (mm)


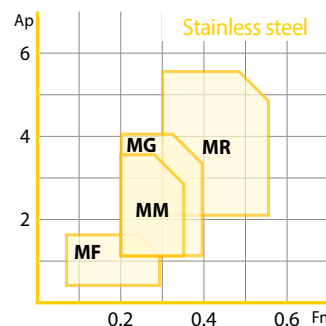
Product Overview

Turning Chipbreakers - Negative

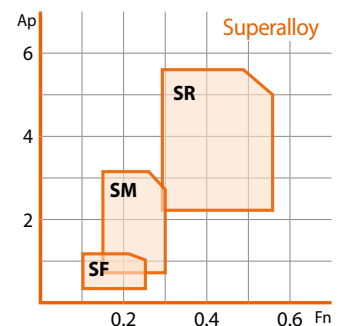
							Feed								
P	M	K	N	S			0	0.1	0.2	0.3	0.4	0.5	0.6	Fn (mm/rev.)	
		K			KR	Cast Iron Heavy Roughing								Fn 0.3~0.6	
	M			S	MF	Stainless steel Finishing								Fn 0.07~0.30	
								Ap 0.2~1.5							
P	M			S	MM	Stainless steel Medium and Low Carbon Steel								Fn 0.20~0.35	
														Ap 1.0~3.5	
	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	
								0	1	2	3	4	5	6	Depth of Cut Ap (mm)



*Insert : CNMG120408 / TNGG160408



*Insert : CNMG120408



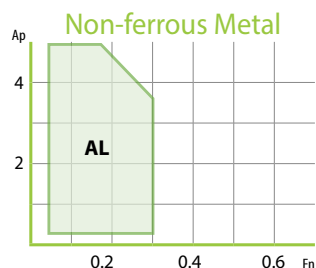
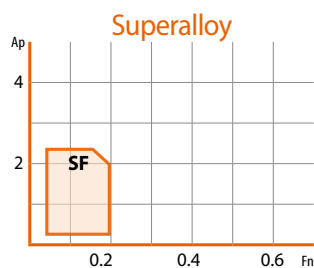
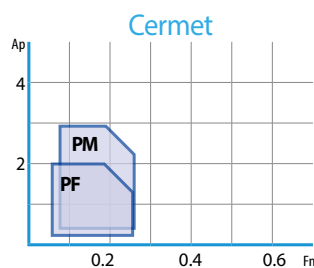
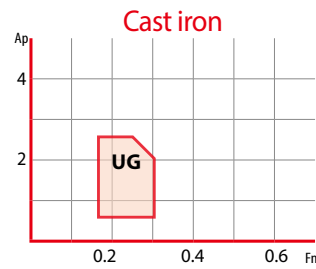
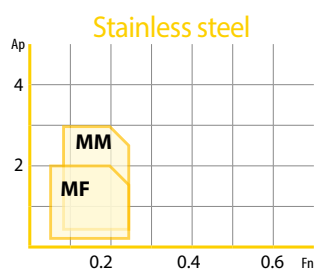
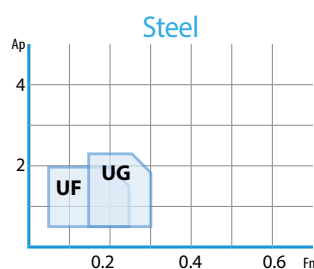
*Insert : CNMG120408

Product Overview

Turning Chipbreakers - Positive

						Feed		Fn (mm/rev.)					
	P	M	K	N	S	0	0.1	0.2	0.3	0.4	0.5	0.6	
TURNING				N	AL		Fn 0.02~0.30		Ap 0.1~5.0				
	P	M			UF		Fn 0.05~0.25		Ap 0.5~2.0				
PARTING & GROOVING	P		K		UG		Fn 0.15~0.30		Ap 0.5~2.5				
		M			MF		Fn 0.04~0.30		Ap 0.1~2.0				
MILLING		M			MM		Fn 0.06~0.35		Ap 0.25~3.0				
				S	SF		Fn 0.03~0.20		Ap 0.1~2.5				
DRILLING	P	M	K		PF		Fn 0.06~0.25		Ap 0.1~2.0				
	P	M	K		PM		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			28
		CNMG	0903	0904		1204				1606	1906		2509	
		CNGG				1204								
		CNMM				1204				1606	1906		2509	
D		DNMA					1504	1506						33
		DNMG			1104		1504	1506						
		DNGG					1504	1506						
		DNMM						1506						
		DNUX					1504	1506						38
K		KNUX							1604					39
S		SNMA				1204		1506			1906			40
		SNMG	0903			1204					1906		2509	
		SNMM						1506			1906	2507	2509	
T		TNMA							1604					44
		TNMG							1604		2204			
		TNGG							1604					
		TNMM							1604		2204			
		TNUX							1604					50
V		VNMA							1604					51
		VNMG							1604					
		VNGG							1604					
W		WNMA				0804								53
		WNMG		0604		0804								
		WNGG				0804								

Positive Inserts

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

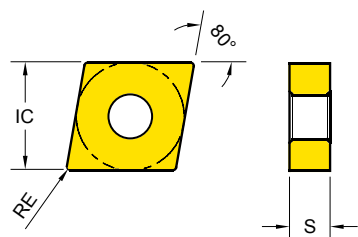
Turning Inserts - Negative

CNMA / CNMG (80° Rhombic)



Refer to

Turning holder



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			

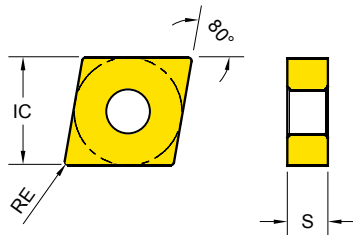
EDP 2200..

●: Stock item ○: Order made item

[illegible]

Turning Inserts - Negative CNMG (80° Rhombic)

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



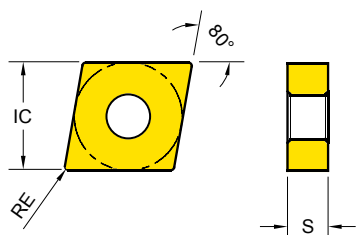
Series	IC	S	Series	IC	S
CN** 0903	9.525	3.18	CN** 1606	15.875	6.35
CN** 0904	9.525	4.76	CN** 1906	19.050	6.35
CN** 1204	12.700	4.76	CN** 2509	25.400	9.52

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

					→ S ←																				
					K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	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	
-UG  Medium Machining at stable condition	CNMG 120404 - UG	0.4	0.20 - 0.40	0.5 - 3.0	●	○	●	○		1578 1073 3492 0181	2219 3201 0182 0183		●												
	CNMG 120408 - UG	0.8	0.20 - 0.40	1.0 - 3.0	●	○	●	○	○	0896 0337 3437 0113 1001	2178 3174 0099 0139 0001		○												
	CNMG 120412 - UG	1.2	0.20 - 0.40	1.5 - 3.0	●	○	●	○		1579 0685 3493 0198	2199 3206 0199 0200														
	CNMG 160608 - UG	0.8	0.20 - 0.40	1.0 - 5.0	●	○		○		1826 1077	2599 3314 0748 0749														
	CNMG 160612 - UG	1.2	0.20 - 0.40	1.5 - 5.0	●	○		○		1827 0791	2430 3285 0508 0531		○	●											
	CNMG 160616 - UG	1.6	0.30 - 0.50	2.0 - 5.0	●	○		○		1828 1229	2600 3287 0510 0535														
	CNMG 190608 - UG	0.8	0.20 - 0.60	1.0 - 6.0	●			○		1847	2601 3321 0802 0803														
	CNMG 190612 - UG	1.2	0.20 - 0.60	1.5 - 6.0							2603 3408 2306 2307														
-PWM  Wiper-Medium	CNMG 120404 - PWM	0.4	0.10 - 0.50	0.5 - 3.5	●	○				2593 3391 1977 2046 0003		○													
	CNMG 120408 - PWM	0.8	0.10 - 0.50	0.8 - 3.5	●					2047	2595 3354 1251 1319		○	●							●				
	CNMG 120412 - PWM	1.2	0.10 - 0.50	1.0 - 3.5	●					1697	2597 3390 1950 1951														
-UC  Cast iron and Medium roughing	CNMG 120404 - UC	0.4	0.20 - 0.40	0.5 - 4.0	●	○	●	○		0895 0096 3436 0115	2372 3176 0101 0116														
	CNMG 120408 - UC	0.8	0.20 - 0.40	1.0 - 4.0	●	○	●	○		1483 0062 3472 0117	2172 3177 0102 0118														
	CNMG 120412 - UC	1.2	0.20 - 0.40	1.5 - 4.0	●	○	●	○		0873 0088 3429 0119	2185 3178 0103 0120														
-UR  Roughing	CNMG 120408 - UR	0.8	0.30 - 0.50	1.0 - 5.0	●	○	●	○		1536 1050 3486 0195	2196 3205 0196 0197														
	CNMG 120412 - UR	1.2	0.30 - 0.50	1.5 - 5.0	●	○	●	○		0878 1051 3430 0204	2179 3208 0205 0206 0004		○				○	2223							
	CNMG 120416 - UR	1.6	0.30 - 0.50	2.0 - 5.0	●	○	●	○		1530 1076 3485 0707	2213 3298 0623 0847														
	CNMG 160608 - UR	0.8	0.30 - 0.50	1.0 - 5.0	●	○		○		1668 1079	2426 3315 0750 0751														
	CNMG 160612 - UR	1.2	0.30 - 0.50	1.5 - 5.0	●	○	●	○		0882 0792 3434 0532	2197 3286 0509 0533														
	CNMG 160616 - UR	1.6	0.30 - 0.50	2.0 - 5.0	●	○	●	○		0938 0676 3453 0536	2187 3288 0511 0537														
	CNMG 190608 - UR	0.8	0.30 - 0.80	3.0 - 9.0	●		○	○		1848	2427 3322 0805 0806														
	CNMG 190612 - UR	1.2	0.30 - 0.80	3.0 - 9.0	●	○	●	○		1829 0450 3527 0451	2355 3307 0698 0699														
	CNMG 190616 - UR	1.6	0.30 - 0.80	3.0 - 9.0	●	○	●	○		1830 0480 3528 0481	2583 3311 0734 0735														
	CNMG 250924 - UR	2.4	0.40 - 1.00	5.0 - 12.0							2604 3382 1687 1464														
	-KR  Cast Iron Heavy Roughing	CNMG 120408 - KR	0.8	0.30 - 0.60	1.0 - 5.0	●	○	●	○		1503 0718 3477 0800	2594													
CNMG 120412 - KR		1.2	0.30 - 0.60	1.5 - 5.0	●	○	●	○		0879 0719 3431 1100	2596														
CNMG 160612 - KR		1.2	0.30 - 0.60	1.5 - 6.0	●	○	○	○		1504 1091 3478 1092	2581														
CNMG 160616 - KR		1.6	0.30 - 0.60	2.0 - 6.0	●	○	○	○		1588 1093 3498 1094	2582														
CNMG 190612 - KR		1.2	0.30 - 1.00	3.0 - 9.0	●					2264	2602														

Turning Inserts - Negative
CNMG (80° Rhombic)Refer to
Turning holder
p. 92, 97, 113, 118, 124

TURNING



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)	YG1010	P05 K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 M15 K15	P10 M10 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																			

PARTING & GROOVING

MILLING

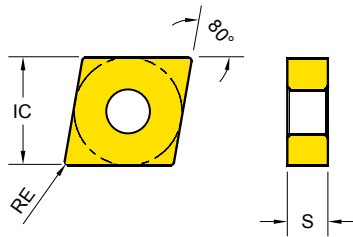
DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative

CNGG / 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

CNGG 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
- SF HRSA Finishing	CNGG 120401 - SF	0.1	0.10 ~ 0.25	0.1 ~ 1.0																●				
	CNGG 120402 - SF	0.2	0.10 ~ 0.25	0.1 ~ 1.0																●				
	CNGG 120404 - SF	0.4	0.10 ~ 0.25	0.2 ~ 1.0																●				
	CNGG 120408 - SF	0.8	0.10 ~ 0.25	0.2 ~ 1.0																●				
- SM HRSA Medium	CNMG 120404 - SM	0.4	0.15 ~ 0.30	0.5 ~ 3.0																●				
	CNMG 120408 - SM	0.8	0.15 ~ 0.30	0.5 ~ 3.0																●				
	CNMG 120412 - SM	1.2	0.15 ~ 0.30	0.5 ~ 3.0																●				
- SR HRSA Roughing	CNMG 120408 - SR	0.8	0.30 ~ 0.55	2.0 ~ 5.5																●				
	CNMG 120412 - SR	1.2	0.30 ~ 0.55	2.0 ~ 5.5																●				
	CNMG 120416 - SR	1.6	0.30 ~ 0.55	2.0 ~ 5.5																●				
- PSF Cermet Finishing	CNMG 120404 - PSF	0.4	0.07 ~ 0.30	0.4 ~ 3.0																●	○			
	CNMG 120408 - PSF	0.8	0.10 ~ 0.30	0.6 ~ 3.0																●	○			

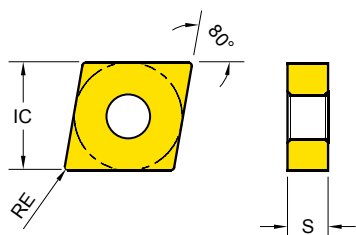
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



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

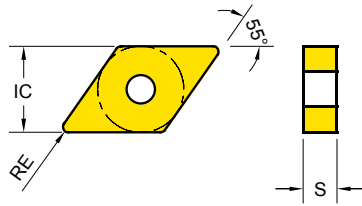
EDP 2200.. ● : Stock item ○ : Order made item

CNMM																							
Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
 - 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

	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
..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	DNMG 110404 - PWF	0.4	0.08-0.30	0.3-2.5	●					●	●	●	●											
	DNMG 110408 - PWF	0.8	0.10-0.40	0.5-2.5	●					●	●	●	●											
	DNMG 150408 - 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

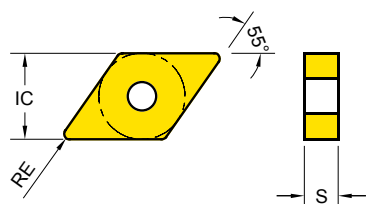
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



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

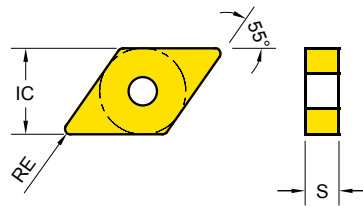
EDP 2200.. ● : Stock item ○ : Order made item

	DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	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
-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		1672	1472		1702		2608	3383	1703	1707											
	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		1618	1544	3507	1131		2443	3316	0772	1137											
	DNMG 150412 - UG	1.2	0.20 - 0.40	1.5 - 3.0		1608	0452	3499	0366		2368	3253	0367	0368	0017			○		2227					
	DNMG 150604 - UG	0.4	0.20 - 0.40	0.5 - 3.0		1514	0703	3484	1107		2442	3281	0487	0704											
	DNMG 150608 - UG	0.8	0.20 - 0.40	1.0 - 3.0		1619	1545	3508	0228		2375	3216	0229	0230											
	DNMG 150612 - UG	1.2	0.20 - 0.40	1.5 - 3.0		1609	0453	3500	0234		2212	3218	0235	0236	0019			○		2229					
	DNMG 150616 - UG	1.6	0.20 - 0.40	1.8 - 3.0		1511	0454	3481	0243		2356	3221	0244	0245											
											●														
											2720														
-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		3827		3625			3829	3830		3828											
	DNMG 150412 - UC	1.2	0.20 - 0.40	1.5 - 4.0		1611	0577	3502	0578	1273	2388	3348	1193	0700											
	DNMG 150604 - UC	0.4	0.20 - 0.40	0.5 - 4.0		1512	0579	3482	0580		2373	3345	1168	0702											
	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		3570		3831			3571	3572		3832											
-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		0898	0090	3438	0121	1272	2376	3179	0104	0122											
	DNMG 150608 - UR	0.8	0.30 - 0.50	1.0 - 5.0		1513	1127	3483	0581		2400	3343	1134	1101											
	DNMG 150612 - UR	1.2	0.30 - 0.50	1.5 - 5.0		1622	0691	3511	0692		2447	3304	0693	0854											
	DNMG 150616 - UR	1.6	0.30 ~ 0.50	1.8 ~ 5.0		●		●			●	●		●											
						1510	1258	3480	0371		2416	3255	0372	0373	0020			○		2230					

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

					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
DNMG	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
 Stainless steel Finishing	DNMG 150404 - MF	0.4	0.07 - 0.30	0.2 - 1.5						●					2454	3715	0848	0771	1815	○	●	○		
	DNMG 150408 - MF	0.8	0.07 - 0.30	0.2 - 1.5						●			○		2456	3718	0849	0773	1816	○	●	○		
	DNMG 150604 - MF	0.4	0.07 - 0.30	0.2 - 1.5						○					2455	3725	0811	0850	1819	○	●	○		
	DNMG 150608 - MF	0.8	0.07 - 0.30	0.2 - 1.5						○	○	○	○		2457	3727	0812	0859	1820	○	●	○		
 Stainless steel Medium	DNMG 150404 - MM	0.4	0.20 - 0.35	0.5 - 3.5									○	0527			●	●	●	○				
	DNMG 150408 - MM	0.8	0.20 - 0.35	1.0 - 3.5									○	0506			●	●	●	○				
	DNMG 150412 - MM	1.2	0.20 - 0.35	1.5 - 3.5									○	0529			●	●	●	○				
	DNMG 150604 - MM	0.4	0.20 - 0.35	0.5 - 3.5									○	0528			●	●	●	○				
	DNMG 150608 - MM	0.8	0.20 - 0.35	1.0 - 3.5									○	0507			●	●	●	○				
	DNMG 150612 - MM	1.2	0.20 - 0.35	1.5 - 3.5									○	0496			●	●	●	○				
 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											●	●								
 Stainless steel Roughing	DNMG 150408 - MR	0.8	0.30 - 0.55	2.0 - 5.5									○	1036	●	●	●	●	●					
	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									○	1037	●	●	●	●	●					
	DNMG 150612 - MR	1.2	0.30 - 0.55	2.0 - 5.5											●	●	●	●	●					

TURNING

PARTING & GROOVING

MILLING

DRILLING

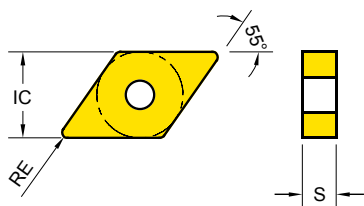
TECHNICAL INFORMATION

Turning Inserts - Negative

DNGG / 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

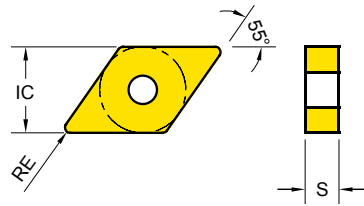
DNGG DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 M15 K15	P10 M10 K10	N20	N20
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
-SF  HRSA Finishing	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						3148								○	○	○	●			
	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

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



Low cutting force



Heavy
Roughing

TURNING

PARTING & GROOVING

MILLING

DRILLING

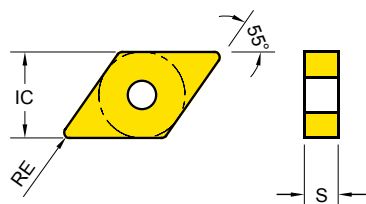
TECHNICAL INFORMATION

Turning Inserts - Negative

DNUX (4 Corners 55° Rhombic)

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

TURNING



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
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
..UX 	DNUX 150404 L	0.4	0.10-0.35	0.7-4.0				○		●	●	●	●											
	DNUX 150408 L	0.8	0.10-0.35	1.0-4.0				○		●	●	●	●											
	DNUX 150604 L	0.4	0.10-0.35	0.7-4.0				○		●	●	●	●					●						
	DNUX 150608 L	0.8	0.10-0.35	1.0-4.0				○		●	●	●	●					●						
..UX 	DNUX 150404 R	0.4	0.10-0.35	0.7-4.0				○		●	●	●	●								●	○		
	DNUX 150408 R	0.8	0.10-0.35	1.0-4.0				○		●	●	●	●											
	DNUX 150604 R	0.4	0.10-0.35	0.7-4.0				○		●	●	●	●					●	●	●				
	DNUX 150608 R	0.8	0.10-0.35	1.0-4.0				○		●	●	●	●					●	●	●				

PARTING & GROOVING

MILLING

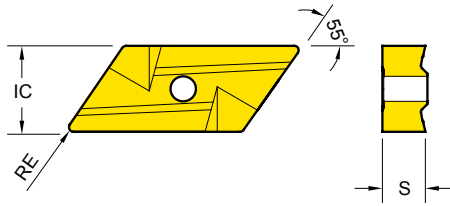
DRILLING

TECHNICAL INFORMATION

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	YG1001	YG1020	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				○ 0249		● 2621	● 3223	● 0250	● 0251	○ 0079										
	KNUX 160410 L	1.0	0.30-0.60	1.0-6.0				○ 1785		● 2622	● 3384	● 1786	● 1315											
..UX  Right Hand Shown	KNUX 160405 R	0.5	0.10-0.40	0.5-6.0				○ 0252		● 2408	● 3224	● 0253	● 0254	○ 0080										
	KNUX 160410 R	1.0	0.30-0.60	1.0-6.0				○ 1358		● 2623	● 3344	● 1155	● 1156											

TURNING

PARTING & GROOVING

MILLING

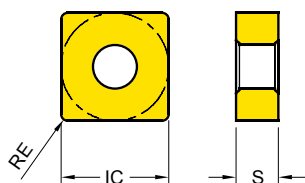
DRILLING

TECHNICAL INFORMATION

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

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

TURNING



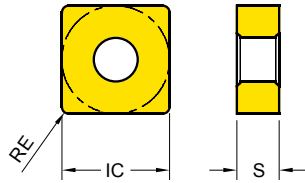
Series	IC	S	Series	IC	S
SN** 0903	9.525	3.18	SN** 1506	15.875	6.35
SN** 1204	12.700	4.76	SN** 1906	19.050	6.35

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

SNMA SNMG		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
..MA  Cast iron	SNMA 120408	0.8	0.15-0.50	1.0-5.0	● 0767	○ 0027	● 3427	○ 1166																	
	SNMA 120412	1.2	0.15-0.50	1.5-5.0	● 0768	○ 0028	● 3428	○ 1133																	
	SNMA 120416	1.6	0.15-0.50	1.8-5.0	● 2023																				
	SNMA 150612	1.2	0.15-0.50	1.5-5.0	● 1423	○ 0729	● 3469	○ 1150																	
	SNMA 190616	1.6	0.15-0.50	2.0-9.0	● 1344	○ 1184	● 3465	○ 1261																	
-UF  Finishing	SNMG 090308 - UF	0.8	0.05-0.20	1.0-2.0						● 2630	● 3337	● 0999													
	SNMG 120404 - UF	0.4	0.05-0.25	0.5-1.5			○ 1458		● 2631	● 3373	● 1459	● 1454	○ 0029					○ 2237							
	SNMG 120408 - UF	0.8	0.05-0.25	1.0-2.5			○ 1430		● 2633	● 3370	● 1433	● 1437													
-UL  Light Machining and Sticky Material	SNMG 120404 - UL	0.4	0.10-0.30	0.5-3.0			○ 1167		● 2632	● 3313	● 0747	● 1194													
	SNMG 120408 - UL	0.8	0.10-0.30	1.0-3.0			○ 0389		● 2634	● 3261	● 0390	● 0391													
-UM  Medium Machining Unstable condition	SNMG 120408 - UM	0.8	0.15-0.30	1.0-3.0		○ 0983	○ 0739		● 2635	● 3318	● 0784	● 0740													

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)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
-UG  Medium Machining at stable condition	SNMG 120408 - UG	0.8	0.20-0.40	1.0-3.0	●	○	●	○		●	●	●	○				○			○				
	SNMG 120412 - UG	1.2	0.20-0.40	1.5-3.0	●	○	●	○		●	●	●	○											
	SNMG 120416 - UG	1.6	0.20-0.40	2.0-3.0	●	○			○	●	●	●	○											
-UC  Cast iron and Medium roughing	SNMG 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

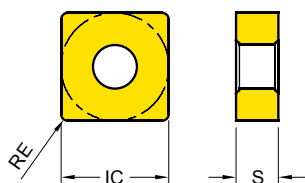
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative
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

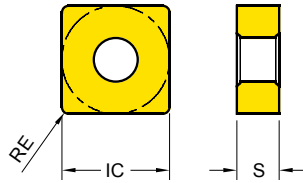
EDP 2200.. ● : Stock item ○ : Order made item

SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	P05 K20	K20 K30	P10 P15	P10 P25	P20 P30	P20 P30	M25 M35	M15 M30	M40 S30	S10 P15	P10 M10	N20	N20
-MF  Stainless steel Finishing	SNMG 120404 - MF	0.4	0.07 - 0.30	0.2 - 1.5									●	●	○	○		
	SNMG 120408 - MF	0.8	0.07 - 0.30	0.2 - 1.5				●	●	○	○	●	●	●	○	○		
	SNMG 120412 - MF	1.2	0.07 - 0.30	0.2 - 1.5				●	●	○	○	●	●	●	○	○		
-MM  Stainless steel Medium	SNMG 120408 - MM	0.8	0.20 - 0.35	1.0 - 3.5									●	●	○	○		
	SNMG 120412 - MM	1.2	0.20 - 0.35	1.5 - 3.5									●	●	○	○		
													●	●	○	○		
-MG  Stainless steel General	SNMG 120404 - MG	0.4	0.20 - 0.40	0.5 - 4.0								●	●					
	SNMG 120408 - MG	0.8	0.20 - 0.40	1.0 - 4.0								●	●	●	●	●		
	SNMG 120412 - MG	1.2	0.20 - 0.40	1.5 - 4.0								●	●					
-MR  Stainless steel Roughing	SNMG 120408 - MR	0.8	0.30 - 0.55	2.0 - 5.5						○	○	●	●	●	●			
	SNMG 120412 - MR	1.2	0.30 - 0.55	2.0 - 5.5						○	○	●	●	●	●			
	SNMG 120416 - MR	1.6	0.30 - 0.55	2.0 - 5.5								●	●					
-SM  HRSR Medium	SNMG 090304 - SM	0.4	0.15 - 0.30	0.5 - 3.0									○			●		
	SNMG 120408 - SM	0.8	0.15 - 0.30	0.5 - 3.0									○	○	○	●		
-SR  HRSR Roughing	SNMG 120408 - SR	0.8	0.30 - 0.55	2.0 - 5.5												●		
	SNMG 120412 - SR	1.2	0.30 - 0.55	2.0 - 5.5												●		

Turning Inserts - Negative

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

					IC		S			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
SNMM	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					
 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	● 2123			● 2124		●	●	●	●	●	●	●	●												
	SNMM 190616 - UH	1.6	0.35-0.70	2.0-9.0	● 2127			● 2128		●	●	●	●	●	●	●	●												
	SNMM 190624 - UH	2.4	0.35-0.70	3.0-9.0	● 2131			● 2132		●	●	●	●	●	●	●	●												
	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	● 2135			● 2136		●	●	●	●	●	●	●	●												
 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	● 2153		○ 3556	● 2154		●	●	●	●	●	●	●	●												
	SNMM 190616 - UT	1.6	0.50-1.00	4.0-12.0	● 2157		○ 3557	● 2158		●	●	●	●	●	●	●	●												
	SNMM 190624 - UT	2.4	0.50-1.00	6.0-12.0	● 2161		○ 3558	● 2018		●	●	●	●	●	●	●	●												
	SNMM 250724 - UT	2.4	0.55-1.20	6.0-13.0	● 2850	● 1330		● 1255		●	●	●	●	●	●	●	●												
	SNMM 250924 - UT	2.4	0.55-1.20	6.0-13.0	● 2164	● 1334	○ 3559	● 1626		●	●	●	●	●	●	●	●												

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

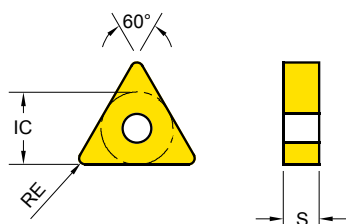
Turning Inserts - Negative

TNMA / 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

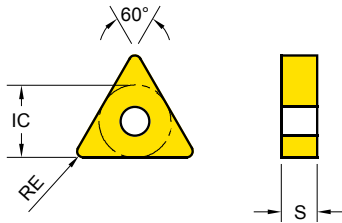


EDP 2200.. ● : Stock item ○ : Order made item

						→ S ←																							
TNMA TNMG						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	N25	
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	
..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	1582	1446	3496	1448																			
			TNMA 160412	1.2	0.15 - 0.50	1.5 - 5.0	1486	0035	3475	1191																			
									1485	0036	3474	1192																	
-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				○			2363	3230	0271	0272	0039												
			TNMG 160412 - UF	1.2	0.05 - 0.25	1.5 - 2.5				○			0276	2217	3232	0277	0278												
			TNMG 220404 - UF	0.4	0.10 - 0.35	0.5 - 4.0				○			0721	2645	3294	0588	1197												
											○			●	●	●	○												
											0407	2409	3350	1203	1205	0042													
NEW		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				○	○		1605	2643	3379	1606	1607												
			TNMG 160412 - UL	1.2	0.10 - 0.30	1.5 - 3.0				○	○		0279	0752	2374	3233	0280	0281											
											○	○	●	●	●	●													
											0884	0868	2586	3297	0621	1198													
-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				○	○		1669	0949		0948	0844	2644	3334	0952	0954								
			TNMG 160412 - UM	1.2	0.15 - 0.30	1.5 - 3.0				○	○		1141	1053		0282	0758	2195	3234	0283	0284								
											○	○	●	●	●	●													
											1143	0596		0597	0760	2587	3292	0586	0710										
NEW		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										3638	3659				3767									
TNMG 160412 - GM			1.2	0.20 - 0.55	1.0 - 4.5											3639	3660				3771								
															3640	3661				3774									

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

[illegible]

Turning Inserts - Negative
TNMG (60° Triangle)

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

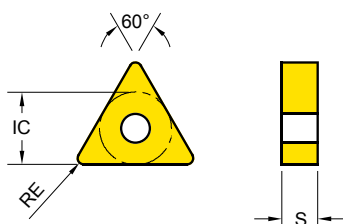
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



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

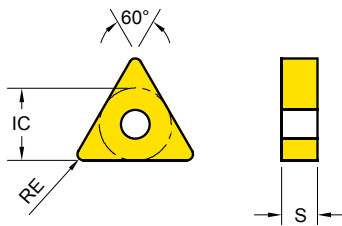
EDP 2200.. ● : Stock item ○ : Order made item

					RE																			
					S																			
					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	N25
TNMG	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
-MF  Stainless steel Finishing	TNMG 160404 - MF	0.4	0.07 - 0.3	0.2 - 1.5					●	2889			●			●	2788	3765	0824	0775	1457	○	●	○
	TNMG 160408 - MF	0.8	0.07 - 0.3	0.2 - 1.5					●	2871	○	○					2458	3768	0589	0776	0825	1285		
-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															0567	0568	1790	2297		
	TNMG 160412 - MM	1.2	0.20 - 0.35	1.5 - 3.5																0569	0570	0913	1281	
-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									○	0727		●	●	●	●	●				
	TNMG 160412 - MR	1.2	0.30 - 0.55	2.0 - 5.5									○	1062			●	●	●	●	●			

Turning Inserts - Negative

TNMG / 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

						RE → S ←																				
						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	
TNMG						YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10	
-SF		TNMG 160408 - SF	0.8	0.10-0.25	0.2 - 1.0																● 1427					
-SM		TNMG 160408 - SM	0.8	0.15-0.30	0.5 - 3.0														○ 1575	○ 1576	○ 1577	● 1228				
		TNMG 160412 - SM	1.2	0.15-0.30	0.5 - 3.0															○ 1635	○ 1636	○ 1858	● 1508			
		TNMG 220412 - SM	1.2	0.18-0.33	1.0 - 6.0																	● 3161				
-SR		TNMG 160408 - SR	0.8	0.30-0.55	2.0 - 5.5																● 1307					
		TNMG 160412 - SR	1.2	0.30-0.55	2.0 - 5.5																	● 1306				

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

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

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

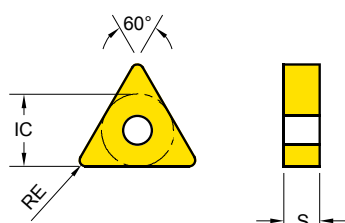
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



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

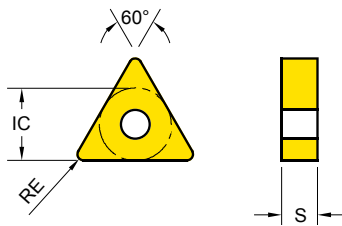
EDP 2200.. ● : Stock item ○ : Order made item

TNGG TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	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
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
-PSF Cermet Finishing	TNMG 160404 - PSF	0.4	0.07 - 0.30	0.4 - 2.5																	●	○		
	TNMG 160408 - PSF	0.8	0.10 - 0.30	0.6 - 2.5																	●	○		
																					2535	3580		
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																	○	○		

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	F _n (mm/rev.)	A _p (mm)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
	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														

-UH



Low cutting force

TURNING

PARTING & GROOVING

MILLING

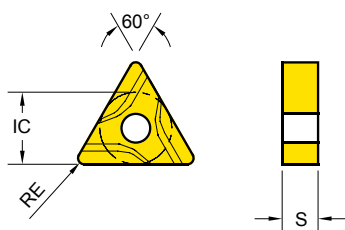
DRILLING

TECHNICAL INFORMATION

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



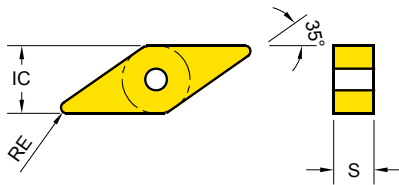
EDP 2200.. ● : Stock item ○ : Order made item

[illegible]

Turning Inserts - Negative

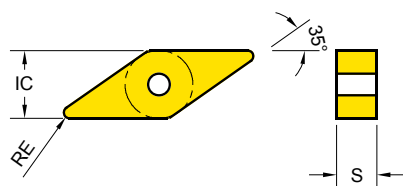
VNMA / VNMG (35° Rhombic)

Refer to
Turning holder
p. 102, 122



Series	IC	S
VN** 1604	9.525	4.76

						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	P10 M10	N20	N20
						YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
VNMA VNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)		● 1573	○ 0162	● 3491	○ 1275																
..MA 	VNMA 160408	0.8	0.15-0.40	1.0-5.0																					
	Cast iron																								
-UF 	VNMG 160404 - UF	0.4	0.05-0.25	0.5-2.5					○ 0306		● 2205	● 3242	● 0307	● 0308	○ 0049										
	VNMG 160408 - UF	0.8	0.05-0.25	1.0-2.5					○ 0309		● 2207	● 3243	● 0310	● 0311											
-UL 	VNMG 160404 - UL	0.4	0.10-0.30	0.5-3.0					○ 0886		● 2412	● 3327	● 0912	● 0723											
	VNMG 160408 - UL	0.8	0.10-0.30	1.0-3.0					○ 0428	○ 0790	● 2202	● 3273	● 0429	● 0853											
-UL Light Machining and Sticky Material	VNMG160412 - UL	1.2	0.10-0.30	1.5-3.0							● 2431														
-UM 	VNMG 160408 - UM	0.8	0.15-0.30	1.0-3.0		○ 1357			○ 1359		● 2424	● 3363	● 1361	● 1362											
	VNMG 160412 - UM	1.2	0.15-0.30	1.5-3.0		○ 1230			○ 0736	○ 0870	● 2701	● 3312	● 0737	● 1214											
-GM Medium Machining Unstable condition																									
NEW -GM Medium machining for steel & Stainless steel	VNMG 160404 - GM	0.4	0.15-0.35	0.5-3.0							● 3641	● 3662					● 3792								
	VNMG 160408 - GM	0.8	0.17-0.35	0.8-3.0							● 3642	● 3663					● 3796								
-UG Medium Machining at stable condition	VNMG 160412 - GM	1.2	0.20-0.40	1.0-3.0							● 3643	● 3664					● 3799								
-UC Cast iron and Medium roughing	VNMG 160404 - UG	0.4	0.20-0.40	0.5-3.0		● 1648	○ 1331	● 3521	○ 0993		● 2420	● 3332	● 0940	● 0994											
	VNMG 160408 - UG	0.8	0.20-0.40	1.0-3.0		● 1000	○ 0462	● 3455	○ 0312		● 2176	● 3244	● 0313	● 0314	○ 0050										
-UR Roughing	VNMG 160412 - UG	1.2	0.20-0.40	1.5-3.0		● 1659	○ 1345	● 3525	○ 0931		● 2407	● 3331	● 0927	● 0917											
-UC Cast iron and Medium roughing	VNMG 160404 - UC	0.4	0.20-0.40	0.5-3.5		● 1612	○ 0885	○ 3503	○ 0423		● 2366	● 3356	● 1276	● 1277											
	VNMG 160408 - UC	0.8	0.20-0.40	1.0-3.5		● 0980	○ 0094	○ 3454	○ 0424		● 2210	● 3272	● 0425	● 0426											
-UR Roughing	VNMG 160412 - UC	1.2	0.20-0.40	1.5-3.5		● 1587	○ 1381	○ 3497	○ 1392		● 2700	● 3367	● 1382	● 1384											
-UR Roughing	VNMG 160412 - UR	1.2	0.30-0.45	1.5-4.0		● 1638	○ 1231	○ 3515	○ 0430	○ 0871	● 2380	● 3274	● 0431	● 0432	○ 0051										

Turning Inserts - Negative
VNGG / VNMG (35° Rhombic)Refer to
Turning holder
p. 102, 122

Series	IC	S
VN** 1604	9.525	4.76

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

	VNGG VNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	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
						YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
TURNING	-MF	 VNGG 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									○														
PARTING & GROOVING	-MM	 VNGG 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																							
MILLING	-MG	 VNGG 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																							
DRILLING	-MR	 VNGG 160412 - MG 1.2 0.20-0.40 1.5-4.0																							
		VNMG 160408 - MR 0.8 0.30-0.55 2.0-5.5																							
TECHNICAL INFORMATION	-SF	 VNGG 160412 - MR 1.2 0.30-0.55 2.0-5.5																							
		VNMG 160408 - SF 1.2 0.10-0.25 0.4-1.5																							
	-SR	 VNGG 160412 - SF 1.2 0.10-0.25 0.4-1.5																							
		VNMG 160408 - SR 0.8 0.30-0.55 2.0-5.5																							
	-PSF	 VNGG 160412 - SF 1.2 0.10-0.25 0.4-1.5																							
		VNMG 160408 - PSF 0.8 0.10-0.35 0.5-2.0																							

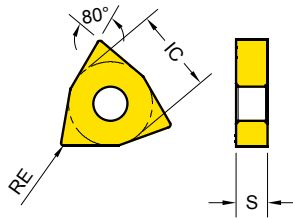
Turning Inserts - Negative

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
..MA Cast iron	WNMA 060412	1.2	0.15-0.50	1.5-4.0	● 2714	○ 0903	○ 0052	○ 3442	○ 1262															
	WNMA 080404	0.4	0.15-0.50	0.5-5.0	○ 0903	○ 0052	○ 3442	○ 1262																
	WNMA 080408	0.8	0.15-0.50	1.0-5.0	○ 0904	○ 0053	○ 3443	○ 0433																
	WNMA 080412	1.2	0.15-0.50	1.5-5.0	○ 0905	○ 0054	○ 3444	○ 0434																
-UF Finishing	WNMG 060404 - UF	0.4	0.05-0.20	0.5-2.0				○ 0435		● 2415	● 3275	● 0436	○ 0437	○ 0058										
	WNMG 080404 - UF	0.4	0.05-0.25	0.5-2.5				○ 0315		● 2389	● 3245	● 0316	○ 0317	○ 0055										
	WNMG 080408 - UF	0.8	0.05-0.25	1.0-2.5				○ 0321		● 2173	● 3247	● 0322	● 0323											
	WNMG 080412 - UF	1.2	0.05-0.25	1.5-2.5				○ 1424		● 2708	● 3369	● 1410	● 1411											
-UL Light Machining and Sticky Material	WNMG 060408 - UL	0.8	0.10-0.30	1.0-2.5				○ 0439		● 2588	● 3277	● 0440	● 0441											
	WNMG 080404 - UL	0.4	0.10-0.30	0.5-3.0				○ 1431		● 2703	● 3371	● 1434	● 1438											
	WNMG 080408 - UL	0.8	0.10-0.30	1.0-3.0				○ 0324		● 2177	● 3248	● 0325	● 0326											
	WNMG 080412 - UL	1.2	0.10-0.30	1.5-3.0						● 2448	● 3372	● 1435												
-UM Medium Machining Unstable condition	WNMG 060404 - UM	0.4	0.15-0.30	0.5-2.5	○ 2106	○ 1259		○ 0741		● 2418	● 3319	● 0785	● 0742											
	WNMG 060408 - UM	0.8	0.15-0.30	1.0-2.5	○ 1554	○ 1260		○ 0600		● 2402	● 3296	● 0601	● 1271											
	WNMG 080404 - UM	0.4	0.15-0.30	0.5-3.0		○ 1313		○ 0786		● 2704	● 3320	● 0787	● 0788											
	WNMG 080408 - UM	0.8	0.15-0.30	1.0-3.0		○ 0470		○ 0327	○ 0761	● 2170	● 3249	● 0328	● 0329											
	WNMG 080412 - UM	1.2	0.15-0.30	1.5-3.0		○ 1210		○ 0649	○ 0762	● 2417	● 3295	● 0598	● 0712											
	WNMG 080416 - UM	1.6	0.15-0.30	2.0-3.0		○ 1234		○ 0593	○ 0763	● 2574	● 3291	● 0584	● 0713											
NEW -GM Medium machining for steel & Stainless steel	WNMG 060404 - GM	0.4	0.15-0.40	0.5-3.0						● 3644	● 3665			● 3802										
	WNMG 060408 - GM	0.8	0.17-0.50	0.8-3.0						● 3645	● 3666			● 3806										
	WNMG 060412 - GM	1.2	0.20-0.55	1.0-3.0						● 3646	● 3667			● 3809										
	WNMG 080404 - GM	0.4	0.15-0.40	0.5-4.0						● 3647	● 3668			● 3812										
	WNMG 080408 - GM	0.8	0.17-0.50	0.8-4.0						● 3648	● 3669			● 3816										
	WNMG 080412 - GM	1.2	0.20-0.55	1.0-4.0						● 3649	● 3670			● 3819										
	WNMG 080416 - GM	1.6	0.23-0.55	1.3-4.0						● 3650	● 3671			● 3820										

TURNING

PARTING & GROOVING

MILLING

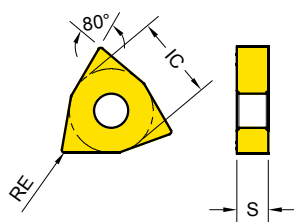
DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative
WNMG (80° Trigon)Refer to
Turning holder

p. 96, 103, 105, 117, 123, 126

TURNING



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

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

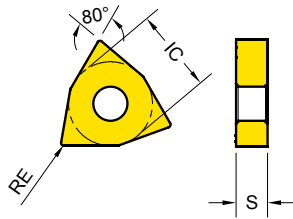
EDP 2200.. ● : Stock item ○ : Order made item

	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
							K10	K20	K30	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N20
-UG  Medium Machining at stable condition		WNMG 060408 - UG	0.8	0.20 - 0.40	1.0 - 3.0		●	○	●	○																
		WNMG 080404 - UG	0.4	0.20 - 0.40	0.5 - 3.0		●	○	●	○																
		WNMG 080408 - UG	0.8	0.20 - 0.40	1.0 - 3.0		●	○	●	○																
		WNMG 080412 - UG	1.2	0.20 - 0.40	1.5 - 3.0		●	○	●	○																
		WNMG 080416 - UG	1.6	0.20 - 0.40	2.0 - 3.0		●	○	●	○																
-PWM  Wiper-Medium		WNMG 060408 - PWM	0.8	0.10 - 0.40	0.8 - 2.5																					
		WNMG 080408 - PWM	0.8	0.10 - 0.50	0.8 - 3.5																					
		WNMG 080412 - PWM	1.2	0.10 - 0.50	1.0 - 3.5		●																			
-UC  Cast iron and Medium roughing		WNMG 060408 - UC	0.8	0.20 - 0.40	1.0 - 3.0		●	○	●	○																
		WNMG 080404 - UC	0.4	0.20 - 0.40	0.5 - 4.0		●	○	●	○																
		WNMG 080408 - UC	0.8	0.20 - 0.40	1.0 - 4.0		●	○	●	○																
		WNMG 080412 - UC	1.2	0.20 - 0.40	1.5 - 4.0		●	○	●	○																
		WNMG 080416 - UC	1.6	0.20 - 0.40	2.0 - 4.0		●	○	●	○																
-UR  Roughing		WNMG 060412 - UR	1.2	0.30 - 0.50	1.5 - 4.0		●	○	●	○																
		WNMG 060412 - UR	1.2	0.30 - 0.50	1.5 - 4.0				●																	
		WNMG 080408 - UR	0.8	0.30 - 0.50	1.0 - 5.0		●	○	●	○																
		WNMG 080412 - UR	1.2	0.30 - 0.50	1.5 - 5.0		●	○	●	○																
		WNMG 080416 - UR	1.6	0.30 - 0.50	2.0 - 5.0		●	○	●	○																
-KR  Cast Iron Heavy Roughing		WNMG 060412 - KR	1.2	0.30 - 0.60	1.5 - 4.0		●																			
		WNMG 080408 - KR	0.8	0.30 - 0.60	1.0 - 5.0		●	○	●	○																
		WNMG 080412 - KR	1.2	0.30 - 0.60	1.5 - 5.0		●	○	●	○																

Turning Inserts - Negative

WNMG (80° Trigon)

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	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
-MF  Stainless steel Finishing	WNMG 060404 - MF	0.4	0.07 - 0.30	0.4 - 2.0				○ 0833	● 2874				○ 0996		● 2461	● 3800	● 1215	● 1217	● 2284	○ 2279				
	WNMG 060408 - MF	0.8	0.07 - 0.30	0.8 - 2.0					● 2890				● 2953		● 2789	● 3803	● 1216	● 1218	● 2285	○ 2280				
	WNMG 080404 - MF	0.4	0.07 - 0.30	0.4 - 2.5					● 2875				○ 0834		● 2462	● 3810	● 0667	● 0668	● 0970	○ 2281				
	WNMG 080408 - MF	0.8	0.07 - 0.30	0.8 - 2.5					● 2876				○ 1098		● 2463	● 3813	● 0617	● 0618	● 2268	○ 2282				
-MM  Stainless steel Medium	WNMG 080404 - MM	0.4	0.20 - 0.35	0.5 - 3.5													● 0571	● 0572	● 2300	○ 2301				
	WNMG 080408 - MM	0.8	0.20 - 0.35	1.0 - 3.5									○ 0491				● 0497	● 0498	● 0633	○ 2302				
	WNMG 080412 - MM	1.2	0.20 - 0.35	1.5 - 3.5													● 0612	● 0615	● 1926	○ 2303				
-MG  Stainless steel General	WNMG 060404 - MG	0.4	0.20 - 0.40	0.5 - 3.0											● 2487	● 3801								
	WNMG 060408 - MG	0.8	0.20 - 0.40	1.0 - 3.0											● 2476	● 3804								
	WNMG 060412 - MG	1.2	0.20 - 0.40	1.5 - 3.0											● 2477	● 3807								
	WNMG 080404 - MG	0.4	0.20 - 0.40	0.5 - 4.0											● 2488	● 3811								
	WNMG 080408 - MG	0.8	0.20 - 0.40	1.0 - 4.0											● 2478	● 3814	● 1496	● 1497	● 1160	● 1498				
	WNMG 080412 - MG	1.2	0.20 - 0.40	1.5 - 4.0											● 2479	● 3817	● 1499	● 1500	● 1161	● 1501				
-MR  Stainless steel Roughing	WNMG 060408 - MR	0.8	0.30 - 0.55	1.2 - 4.0											● 2793	● 3805								
	WNMG 060412 - MR	1.2	0.30 - 0.55	1.2 - 4.0									○ 1154		● 2498	● 3808	● 0616	● 1787	● 1896					
	WNMG 080408 - MR	0.8	0.30 - 0.55	2.0 - 5.5									○ 1099		● 2499	● 3815	● 0619	● 0620	● 0835					
	WNMG 080412 - MR	1.2	0.30 - 0.55	2.0 - 5.5									○ 0837		● 2482	● 3818	● 0665	● 0666	● 0836					

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

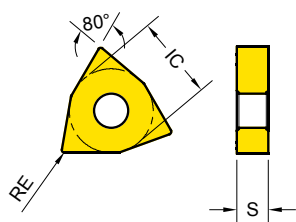
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



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

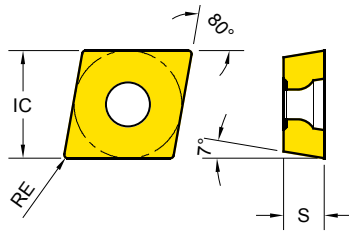
EDP 2200.. ● : Stock item ○ : Order made item

						K10	P05 K20	K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 K15	P10 K10	N20	N20	
WNGG 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	
-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														○ 1199	○ 1206	○ 1859	● 1311					
	WNMG 080412 - SM	1.2	0.15 - 0.30	0.5 - 3.0															○ 1374	○ 1416	○ 1860	● 1312				
-SR  HRSA Roughing	WNMG 060412 - SR	1.2	0.30 - 0.55	2.0 - 4.0																	● 1439					
	WNMG 080408 - SR	0.8	0.30 - 0.55	2.0 - 5.5																		● 1310				
	WNMG 080412 - SR	1.2	0.30 - 0.55	2.0 - 5.5																		● 1309				
	WNMG 080416 - SR	1.6	0.30 - 0.55	2.0 - 5.5																		● 2843				
-PSF  Cermet Finishing	WNMG 080404 - PSF	0.4	0.07 - 0.30	0.4 - 2.5																	● 2539	○ 3584				
	WNMG 080408 - PSF	0.8	0.10 - 0.35	0.6 - 2.5																		● 2540	○ 3585			

Turning Inserts - Positive

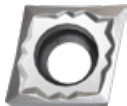
CCGT / CCMT (80° Rhombic)

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

						K10	P05 K20	K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 M15 K15	P10 K10	N20	N20	
CCGT CCMT		Designation	RE	F _n (mm/rev.)	A _p (mm)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10	
-AL  Aluminum	CCGT 060202 - AL	0.2	0.01 - 0.12	0.05 - 3.0																					●	1398
	CCGT 060204 - AL	0.4	0.02 - 0.15	0.10 - 3.0																				●	●	1278 1320
	CCGT 09T302 - AL	0.2	0.02 - 0.20	0.05 - 3.0																				●	●	0340 0339
	CCGT 09T304 - AL	0.4	0.02 - 0.30	0.10 - 5.0																				●	●	0330 0081
	CCGT 09T308 - AL	0.8	0.03 - 0.50	0.10 - 5.0																				●	●	0331 0082
	CCGT 120402 - AL	0.2	0.02 - 0.30	0.05 - 4.0																				●	●	0474 0473
	CCGT 120404 - AL	0.4	0.03 - 0.50	0.10 - 5.0																				●	●	0476 0475
	CCGT 120408 - AL	0.8	0.04 - 0.80	0.10 - 5.5																				●	●	0478 0477
-UF  Finishing	CCMT 060204 - UF	0.4	0.05 - 0.20	0.5 - 2.0				○ 0163	○ 0866	● 2365	● 3195	● 0164	● 0165													
	CCMT 09T304 - UF	0.4	0.05 - 0.25	0.5 - 2.0				○ 0169		● 2371	● 3197	● 0170	● 0171													
	CCMT 09T308 - UF	0.8	0.05 - 0.25	1.0 - 2.0				○ 0964		● 2578	● 3333	● 0951	● 0953													
	CCMT 120404 - UF	0.4	0.10 - 0.25	1.0 - 5.0						● 2579	● 3361	● 1347	● 1337													
-UG  General	CCMT 060204 - UG	0.4	0.10 - 0.25	0.5 - 2.0	● 1377	● 3466	○ 0166			● 2357	● 3196	● 0167	● 0168	○ 0006			○ 2224		○ 1900							
	CCMT 060208 - UG	0.8	0.10 - 0.25	0.8 - 2.0	● 1825	○ 0864	○ 3526	○ 0479			● 2378	● 3301	● 0683	● 0684	○ 0009			○ 2225		○ 1901						
	CCMT 09T304 - UG	0.4	0.15 - 0.30	0.5 - 2.5	● 1844		○ 3541	○ 0172			● 2206	● 3198	● 0173	● 0174	○ 0007					○ 1586						
	CCMT 09T308 - UG	0.8	0.15 - 0.30	0.8 - 2.5	● 1553	○ 0445	● 3487	○ 0150			● 2180	● 3191	● 0151	● 0152	○ 0008			○ 1908		○ 1902						
	CCMT 120404 - UG	0.4	0.15 - 0.35	0.5 - 3.0	● 1845		○ 3542	○ 0175			● 2399	● 3199	● 0176	● 0177												
	CCMT 120408 - UG	0.8	0.15 - 0.35	0.8 - 3.0	● 1462	○ 1461	● 3471	○ 0153	○ 0867		● 2183	● 3192	● 0154	● 0155	○ 0005					○ 1125						
	CCMT 120412 - UG	1.2	0.15 - 0.35	1.2 - 3.0	● 1846		○ 3543	○ 0483			● 2580	● 3328	● 0915	● 1135						○ 1126						

TURNING

PARTING & GROOVING

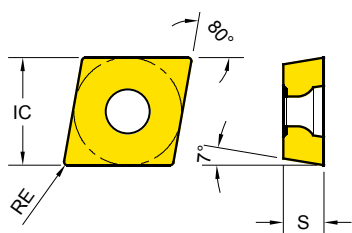
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive

CCGT / 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

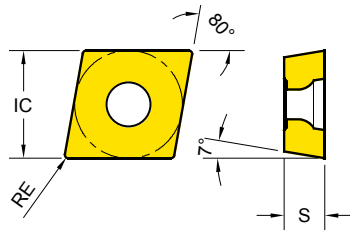
EDP 2200.. ● : Stock item ○ : Order made item

						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	N2
CCGT CCMT		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
-SF  HRSA Finishing	CCGT 060201 - SF	0.1	0.02-0.15	0.10-1.5																●	●				
	CCGT 060202 - SF	0.2	0.02-0.15	0.10-1.5																2341	2065				
	CCGT 060204 - SF	0.4	0.03-0.20	0.10-2.4																2080	2066				
	CCGT 09T301 - SF	0.1	0.02-0.15	0.10-2.5																●	●				
	CCGT 09T302 - SF	0.2	0.02-0.15	0.10-2.5																2339	2071				
	CCGT 09T304 - SF	0.4	0.03-0.20	0.10-2.5																2340	2072				
	CCGT 09T304 - SF	0.4	0.03-0.20	0.10-2.5																2093	2073				
CCGT 09T308 - SF	0.8	0.03-0.25	0.10-2.5																2096	2074					
-MF  Stainless steel Finishing	CCMT 060202 - MF	0.2	0.04-0.15	0.08-2.0												●	●	●	●	●					
	CCMT 060204 - MF	0.4	0.06-0.25	0.10-2.0													2795	3673	2834	2835	2836				
	CCMT 060208 - MF	0.8	0.07-0.28	0.12-2.0													2796	3674	2726	2723		2833			
	CCMT 09T302 - MF	0.2	0.04-0.15	0.08-2.0													●	●	●	●	●				
	CCMT 09T304 - MF	0.4	0.06-0.25	0.10-2.0													2501	3677	2002	2003	2004	2028			
	CCMT 09T304 - MF	0.4	0.06-0.25	0.10-2.0													2502	3678	1589	1590	1947	2029			
	CCMT 09T308 - MF	0.8	0.08-0.30	0.15-2.0						○ 2568							2503	3680	1957	1958	1959	1943			
	CCMT 120404 - MF	0.4	0.07-0.25	0.20-2.4													●	●							
CCMT 120408 - MF	0.8	0.08-0.30	0.50-2.4													2797	3683								
-MM  Stainless steel Medium	CCMT 060204 - MM	0.4	0.06-0.17	0.3-2.4												●	●								
	CCMT 060208 - MM	0.8	0.08-0.23	0.8-2.4													2811	3675							
	CCMT 09T304 - MM	0.4	0.08-0.25	0.25-3.0													●	●	●	●	●	●			
	CCMT 09T308 - MM	0.8	0.10-0.30	0.50-3.0													2514	3679	1591	1592	1946	2039			
	CCMT 09T308 - MM	0.8	0.10-0.30	0.50-3.0													●	●	●	●	●	●			
	CCMT 09T312 - MM	1.2	0.12-0.35	1.0-3.0													2515	3681	1887	1888	1956	1944			
	CCMT 09T312 - MM	1.2	0.12-0.35	1.0-3.0													●	●							
	CCMT 120404 - MM	0.4	0.09-0.27	0.4-4.2													2813	3682							
CCMT 120408 - MM	0.8	0.12-0.36	0.8-4.2													●	●								
CCMT 120412 - MM	1.2	0.14-0.43	1.2-4.2													2814	3684								
CCMT 120408 - MM	0.8	0.12-0.36	0.8-4.2													●	●								
CCMT 120412 - MM	1.2	0.14-0.43	1.2-4.2													2815	3686								
CCMT 120412 - MM	1.2	0.14-0.43	1.2-4.2													●	●								
CCMT 120412 - MM	1.2	0.14-0.43	1.2-4.2													2816	3687								
TECHNICAL INFORMATION																									

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

					→ S ←																				
					K10	P05 K20	K20	P10 K30	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40 S30	S10	P15 K15	P10 K10	N20	N20	
CCMT					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10	
- PF  Finishing	CCMT 060202 - PF	0.2	0.04-0.15	0.08-2.0					●	2892			●	2955							●	○	2782	3613	
	CCMT 060204 - PF	0.4	0.06-0.25	0.10-2.0					●	2893			●	2956							●	○	2710	3607	
	CCMT 09T302 - PF	0.2	0.04-0.15	0.08-2.0					●	2878			●	2939							●	○	2541	3586	
	CCMT 09T304 - PF	0.4	0.06-0.25	0.10-2.0					●	2879			●	2940							●	○	2542	3587	
	CCMT 09T308 - PF	0.8	0.08-0.30	0.15-2.0					●	2880			●	2941							●	○	2543	3588	
	CCMT 09T312 - PF	1.2	0.10-0.32	0.2-2.0																	●	○	3142	3622	
	CCMT 120404 - PF	0.4	0.07-0.25	0.2-2.4					●	2894			●	2957											
	CCMT 120408 - PF	0.8	0.08-0.30	0.5-2.4					●	2895			●	2958											
- PM  Medium	CCMT 060204 - PM	0.4	0.06-0.17	0.25-2.4					●	2917			●	2981							●	○	2784	3615	
	CCMT 060208 - PM	0.8	0.08-0.23	0.8-2.4					●	2918			●	2982							●	○	2785	3616	
	CCMT 09T304 - PM	0.4	0.08-0.25	0.25-3.0					●	2908			●	2971							●	○	2554	3598	
	CCMT 09T308 - PM	0.8	0.10-0.30	0.50-3.0					●	2909			●	2972							●	○	2555	3599	
	CCMT 09T312 - PM	1.2	0.12-0.35	1.0-3.0					●	2919			●	2983											
	CCMT 120404 - PM	0.4	0.09-0.27	0.4-4.2					●	2920			●	2984											
	CCMT 120408 - PM	0.8	0.12-0.36	0.8-4.2					●	2921			●	2985											
	CCMT 120412 - PM	1.2	0.14-0.43	1.2-4.2					●	2922			●	2986											

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive

DCGT / DCMT (55° Rhombic)

Refer to
Turning holder
p. 107, 130, 131

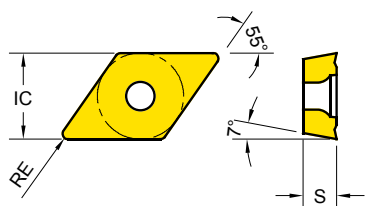
TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION



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

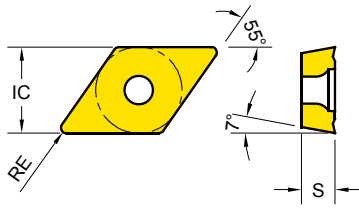
EDP 2200.. ● : Stock item ○ : Order made item

DCGT DCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 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
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
-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		● 2397	● 3209	● 0208	● 0209					○ 1909	○ 1903					
	DCMT 11T304 - UF	0.4	0.05 - 0.25	0.50 - 2.0		○ 1533		○ 0213		● 2208	● 3211	● 0214	● 0215					○ 1044	○ 1043	○ 1910				
	DCMT 11T308 - UF	0.8	0.05 - 0.25	1.00 - 2.0	● 2053			○ 0219		● 1897	● 3213	● 0220	● 0221											
-UG  General	DCMT 070204 - UG	0.4	0.10 - 0.25	0.50 - 2.0	● 1849		○ 3545	○ 0210		● 2391	● 3210	● 0211	○ 0212	○ 0013										
	DCMT 070208 - UG	0.8	0.10 - 0.25	0.80 - 2.0	● 1850		○ 3546	○ 0484		● 2386	● 3309	● 0717	● 1136											
	DCMT 11T304 - UG	0.4	0.15 - 0.30	0.50 - 2.5	● 1831	○ 0677	● 3529	○ 0216		● 2209	● 3212	● 0217	○ 0218	○ 0014				○ 1520	○ 1522	○ 1521				
	DCMT 11T308 - UG	0.8	0.15 - 0.30	0.80 - 2.5	● 1832	○ 0678	● 3530	○ 0222		● 2215	● 3214	● 0223	○ 0224	○ 0015										
	DCMT 11T312 - UG	1.2	0.15 - 0.35	1.50 - 3.0						● 2605	● 3393	● 2056												

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

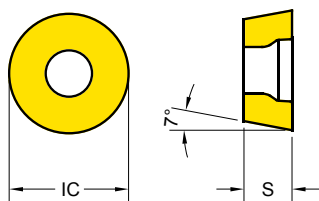
EDP 2200..

● : 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
DCGT DCMT	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
-SF  HRSA Finishing	DCGT 070201 - SF	0.1	0.02 - 0.15	0.10 - 1.5															● 2342	● 2068				
	DCGT 070202 - SF	0.2	0.02 - 0.15	0.10 - 1.5															● 2343	● 2069				
	DCGT 070204 - SF	0.4	0.03 - 0.20	0.10 - 1.5														○ 2338		● 2344	● 2070			
	DCGT 11T301 - SF	0.1	0.01 - 0.05	0.10 - 2.5																● 2345	● 2075			
	DCGT 11T302 - SF	0.2	0.02 - 0.15	0.10 - 2.5														○ 0559	○ 0560	● 1478	● 1474			
	DCGT 11T304 - SF	0.4	0.03 - 0.20	0.10 - 2.5														○ 1460	○ 1473	● 1479	● 1463			
	DCGT 11T308 - SF	0.8	0.03 - 0.20	0.10 - 2.5																● 2346	● 2076			
-MF  Stainless steel Finishing	DCMT 070202 - MF	0.2	0.05 - 0.15	0.05 - 1.5											● 2799	● 3703								
	DCMT 070204 - MF	0.4	0.05 - 0.17	0.08 - 1.5												● 2504	● 3704	● 1978	● 1979	● 1980	● 2030			
	DCMT 11T302 - MF	0.2	0.04 - 0.15	0.08 - 2.0												● 2505	● 3707	● 2005	● 2006	● 2007	● 2031			
	DCMT 11T304 - MF	0.4	0.06 - 0.25	0.10 - 2.0												● 2506	● 3708	● 1885	● 1886	● 1927	● 2032			
	DCMT 11T308 - MF	0.8	0.08 - 0.30	0.15 - 2.0												● 2507	● 3710	● 1963	● 1964	● 1965	● 2033			
-MM  Stainless steel Medium	DCMT 070204 - MM	0.4	0.06 - 0.17	0.20 - 2.3											● 2516	● 3705	● 1999	● 2000	● 2001	● 2040				
	DCMT 070208 - MM	0.8	0.08 - 0.25	0.5 - 2.3								○ 1868			● 2817	● 3706								
	DCMT 11T304 - MM	0.4	0.06 - 0.17	0.25 - 3.0												● 2517	● 3709	● 1990	● 1991	● 1992	● 2041			
	DCMT 11T308 - MM	0.8	0.08 - 0.25	0.50 - 3.0												● 2518	● 3711	● 1984	● 1985	● 1986	● 2042			
	DCMT 11T312 - MM	1.2	0.12 - 0.36	1.2 - 3.0												● 2818	● 3712							
-PF  Finishing	DCMT 070202 - PF	0.2	0.05 - 0.15	0.05 - 1.5					● 2896				● 2959								● 2783	○ 3614		
	DCMT 070204 - PF	0.4	0.05 - 0.17	0.08 - 1.5					● 2881				● 2942								● 2544	○ 3589		
	DCMT 11T302 - PF	0.2	0.04 - 0.15	0.08 - 2.0					● 2882				● 2943								● 2545	○ 3005		
	DCMT 11T304 - PF	0.4	0.06 - 0.25	0.10 - 2.0					● 2862				● 2944								● 2546	○ 3590		
	DCMT 11T308 - PF	0.8	0.07 - 0.20	0.15 - 2.0					● 2883				● 2945								● 2547	○ 3591		
-PM  Medium	DCMT 070204 - PM	0.4	0.08 - 0.30	0.20 - 2.3					● 2910				● 2973								● 2556	○ 3600		
	DCMT 070208 - PM	0.8	0.08 - 0.25	0.5 - 2.3					● 2923	○ 3385			● 2987											
	DCMT 11T304 - PM	0.4	0.06 - 0.17	0.25 - 3.0					● 2911				● 2974								● 2557	○ 3601		
	DCMT 11T308 - PM	0.8	0.08 - 0.25	0.50 - 3.0					● 2851				● 2975								● 2558	○ 3602		
	DCMT 11T312 - PM	1.2	0.12 - 0.36	1.2 - 3.0						● 2924				● 2988										

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

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

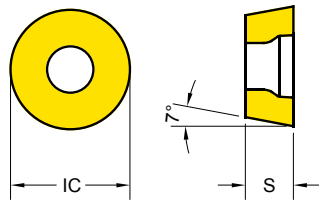
					Order made item										Order made item									
					K10	P05	K20	P10	P15	P10	P25	P20	P30	P20	M25	M35	M15	M30	M40	S10	P15	P10	N20	N25
					K20	K30	K30	K30										S30	K15	K10				
RCMT	Designation	RE	F _n (mm/rev.)	A _p (mm)	YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
 General	RCMT 0602M0	3.0	0.05 - 0.25	0.2 - 1.2	● 2057	○ 0374	● 3549	○ 0375		● 2624	● 3256	● 0376	● 1151	○ 0023			○ 2233							
	RCMT 0803M0	4.0	0.05 - 0.30	0.5 - 1.5		● 2058	○ 0377	● 3550	○ 0378		● 2625	● 3257	● 0379	○ 1152	○ 0024		○ 2234							
	RCMT 10T3M0	5.0	0.10 - 0.35	0.5 - 2.5	● 2059	○ 0380	● 3551	○ 0381		● 2626	● 3258	● 0382	● 1153	○ 0021		○ 2231								
	RCMT 1204M0	6.0	0.15 - 0.45	0.5 - 3.0	● 1833	○ 0383	● 3531	○ 0384		● 2627	● 3259	● 0385	○ 1170	○ 0022		○ 2232								
 General	RCMT 0602M0 - SM	3.0	0.12 - 0.33	0.3 - 1.6																● 2571				
	RCMT 0803M0 - SM	4.0	0.15 - 0.41	0.3 - 2.0																● 2570				
	RCMT 10T3M0 - SM	5.0	0.17 - 0.46	0.4 - 2.5																● 2572				
	RCMT 1204M0 - SM	6.0	0.20 - 0.56	0.5 - 3.0	● 3159					● 2573					● 3173					● 2569				
	RCMT 1606M0 - SM	8.0	0.25 - 0.77	0.7 - 4.0																● 3151				

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
-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

PARTING & GROOVING

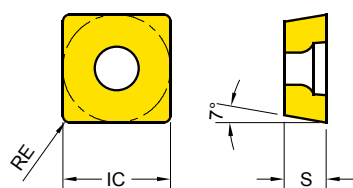
MILLING

DRILLING

TECHNICAL INFORMATION

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

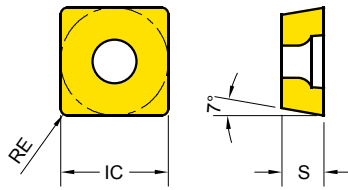
EDP 2200.. ● : Stock item ○ : Order made item

	SCGT SCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	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
TURNING	-AL	 Aluminium	SCGT 09T304 - AL	0.4	0.03 - 0.40	0.1 - 5.0																			● 1516
			SCGT 09T308 - AL	0.8	0.04 - 0.40	0.1 - 5.0																			● 1517
PARTING & GROOVING	-UF	 Finishing	SCMT 09T304 - UF	0.4	0.05 - 0.25	0.5 - 2.0			○ 0386		● 2628	● 3260	● 0387	● 0783											
			SCMT 09T308 - UF	0.8	0.05 - 0.25	1.0 - 2.0	● 2083		○ 1021		● 2629	● 3339	● 1022	● 0997											
MILLING	-UG	 General	SCMT 09T304 - UG	0.4	0.15 - 0.30	0.5 - 2.5	● 1834	○ 0455	● 3532	○ 0482	● 2414	● 3329	● 0916	● 1171	○ 0025			○ 2235							
			SCMT 09T308 - UG	0.8	0.15 - 0.30	0.8 - 2.5	● 1835	○ 0456	● 3533	○ 0159	● 2383	● 3194	● 0160	● 0161	○ 0026			○ 2236		○ 1904					
DRILLING	-MF	 Stainless steel Finishing	SCMT 120408 - UG	0.8	0.15 - 0.35	0.8 - 3.0	● 1836	○ 0674	● 3534	○ 0255	● 2393	● 3225	● 0256	● 0257						○ 1911					
			SCMT 120412 - UG	1.2	0.15 - 0.35	1.5 - 3.0	● 2098																		
TECHNICAL INFORMATION	-MM	 Stainless steel Medium	SCMT 09T304 - MF	0.4	0.06 - 0.22	0.1 - 2.0										● 2800	● 3735								
			SCMT 09T308 - MF	0.8	0.09 - 0.30	0.3 - 2.0										● 2801	● 3737				● 2564				
			SCMT 120404 - MF	0.4	0.09 - 0.28	0.3 - 4.2										● 2802	● 3740								
			SCMT 120408 - MF	0.8	0.10 - 0.30	0.6 - 4.2										● 2803	● 3742								
			SCMT 09T304 - MM	0.4	0.08 - 0.24	0.4 - 3.2										● 2819	● 3736								
			SCMT 09T308 - MM	0.8	0.10 - 0.30	0.8 - 3.2										● 2820	● 3738								
			SCMT 09T312 - MM	1.2	0.12 - 0.35	0.9 - 3.2										● 2821	● 3739								
			SCMT 120404 - MM	0.4	0.09 - 0.28	0.3 - 4.2										● 2822	● 3741								
			SCMT 120408 - MM	0.8	0.10 - 0.30	0.6 - 4.2										● 2519	● 3743	● 1973	● 1974	● 1975	● 1976				
			SCMT 120412 - MM	1.2	0.16 - 0.45	1.2 - 4.2										● 2823	● 3744								

Turning Inserts - Positive

SCMT (Square)

Refer to
Turning holder
p. 109, 133



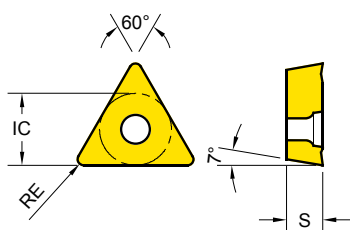
Series	IC	S
SC** 09T3	9.525	3.97
SC** 1204	12.700	4.76

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

					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	
SCMT					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10	
 -PF Finishing	SCMT 09T304 - PF	0.4	0.06 - 0.22	0.1 - 2.0						● 2897			● 2960												
	SCMT 09T308 - PF	0.8	0.09 - 0.30	0.3 - 2.0						● 2898			● 2961												
	SCMT 120404 - PF	0.4	0.09 - 0.28	0.3 - 4.2						● 2899			● 2962												
	SCMT 120408 - PF	0.8	0.10 - 0.30	0.6 - 4.2						●			●												
 -PM Medium	SCMT 09T304 - PM	0.4	0.08 - 0.24	0.4 - 3.2						● 2925			● 2989												
	SCMT 09T308 - PM	0.8	0.10 - 0.30	0.8 - 3.2						● 2926			● 2990								● 2853	○ 3617			
	SCMT 09T312 - PM	1.2	0.12 - 0.35	0.9 - 3.2						● 2927			● 2991												
	SCMT 120404 - PM	0.4	0.09 - 0.28	0.3 - 4.2						● 2928			● 2992												
	SCMT 120408 - PM	0.8	0.10 - 0.30	0.6 - 4.2						● 2929			● 2993								● 2530	○ 3575			
	SCMT 120412 - PM	1.2	0.16 - 0.45	1.2 - 4.2						● 2930			● 2994												

Turning Inserts - Positive

TCGT / TCMT (Triangle)

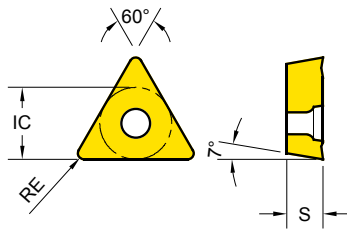
Refer to
Turning holder
p. 110, 134


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

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	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 Aluminum	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
-UF Finishing	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				○		●	●	●	●													
-UG General	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

					K10		P05		K20		P10		P10		P25		P20		P30		P20		M25		M35		M15		M30		M40		S10		P15		P10		N20		N20			
TCMT		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																			
-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

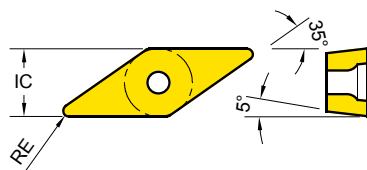
TECHNICAL INFORMATION

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



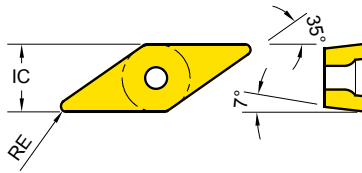
EDP 2200.. ● : Stock item ○ : Order made item

	VBGT VBMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	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
						YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
TURNING	-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															●					
PARTING & GROOVING	-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				○		●	●	●	●											
MILLING	-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	●	○	●	○		●	●	●	●	○										
DRILLING	-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											●	●	●	●	●	●				
TECHNICAL INFORMATION	-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)																				
					YG1010	YG1001	YG1020	YG3010	YG3015	YG3115	YG3125	YG3020	YG3030	YG801	YG2025	YG2035	YG211	YG213	YG214	YG401	YT100	YT100G	YG100	YG10
-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

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive

VCMT (35° Rhombic)

Refer to
Turning holder
p. 112, 136

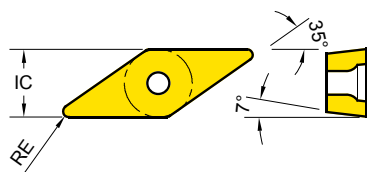
TURNING

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	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
-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

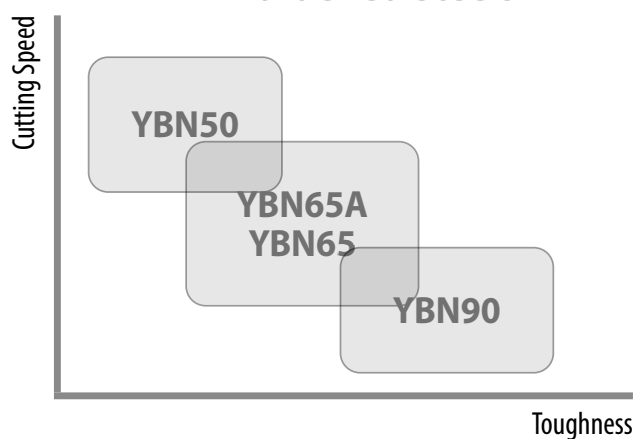
Product Overview

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	

NEW YBN50 H5 - H15			Uncoated PCBN grade for Continuous to light interrupted turning of hardened steels Low content PCBN with excellent chemical wear resistance
NEW YBN65A H10 - H25			Coated PCBN Grade for Continuous to Medium interrupted turning of hardened steels - 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
NEW YBN65 H10 - H25			Uncoated PCBN grade for Continuous to Medium interrupted turning of hardened steels - Medium content PCBN with superior edge toughness, good flank and crater wear resistance - Suitable for both roughing and finishing
NEW YBN90 H20 - H35 K05 - K20			Uncoated PCBN grade of Severe interrupted turning of hardened steels, and the Stable machining of Gray Cast iron, Sintered alloy steel - High content PCBN with high wear resistance, superior impact strength - Excellent edge quality and retention

H - Hardened Steels



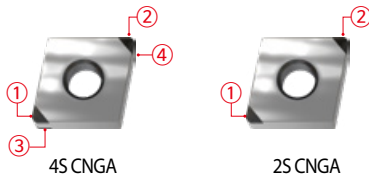
Product Overview

PCBN - Turning Insert Code System

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

1 - Number of PCBN corner

1	One corner PCBN
2	Two corner PCBN



2 - PCBN Length

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

3 - Insert ISO Code System

Refer to Page. 20

4 - Edge preparation

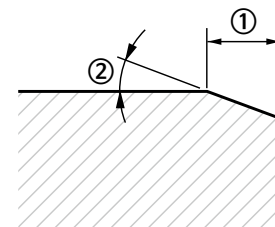
T	T-Land, None Honing
S	T-Land with Honed
X	Special land shape

5 - Chamfer

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

6 - Special shape

WG	Wiper
None	No Wiper



Grade Name Code System

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

1 - Company Name

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

2 - Materials

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

3 - Contents of PCBN

50	50%
65	65%
90	90%

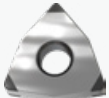
4 - Kind of Coating

None	Uncoated
A	AlTiSiN multi-layer
B	TiAlN-TiN

PCBN - Turning Inserts Overview

TURNING

Negative Inserts

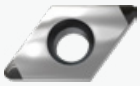
Shape	Series	No. of PCBN Eege	Size & Thickness						Page
C		CNGA	2		1204				75
			4		1204				
D		DNGA	2			1504	1506		76
			4			1504			
S		SNGA	4		1204				77
T		TNGA	3					1604	78
			6					1604	
V		VNGA	2					1604	79
W		WNGA	3	0804					80
			6	0804					

PARTING & GROOVING

MILLING

DRILLING

Positive Inserts

Shape	Series	No. of PCBN Eege	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

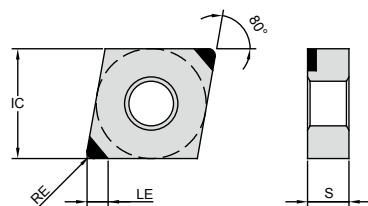
TECHNICAL INFORMATION

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
●	●	●	●
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 Eege
	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

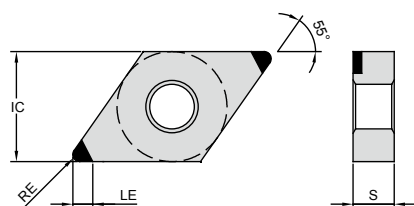
MILLING

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

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

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

PARTING & GROOVING

MILLING

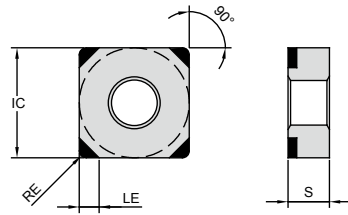
DRILLING

TECHNICAL INFORMATION

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 Eege	H05 - H15	H10 - H25	H10 - H25	H20 - H35 K05 - K20
							YBN50	YBN65	YBN65A	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

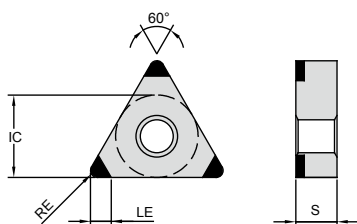
TECHNICAL INFORMATION

Turning Inserts - Negative

TNGA - PCBN (60° Triangle)

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

Series	IC	S
TN.. 1604	9.525	4.76



TNGA	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Edge	H05 - H15	H10 - H25	H10 - H25	H20 - H35 K05 - K20
							YBN50	YBN65	YBN65A	YBN90
	3S TNGA160404 S01225	0.4	2.6	0.03 ~ 0.20	0.05 ~ 0.30	3		● 3040		
	3S TNGA160408 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	3	● 3041	● 3042	● 3043	
	3S TNGA160408 T01020	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	3				● 3071
	6S TNGA160408 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	6		● 3044	● 3045	
	3S TNGA160412 S01225	1.2	2	0.03 ~ 0.20	0.05 ~ 0.30	3		● 3046		

TURNING

PARTING & GROOVING

MILLING

DRILLING

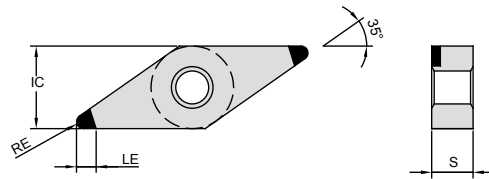
TECHNICAL INFORMATION

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

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative

WNGA - PCBN (80° Trigon)


Refer to
Turning holder

p. 96, 103, 105, 117, 123, 126

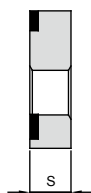
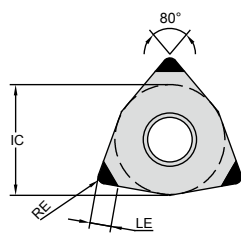
TURNING

PARTING & GROOVING

MILLING

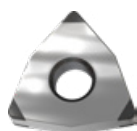
DRILLING

TECHNICAL INFORMATION



Series	IC	S
WN.. 0804	12.70	4.76

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		



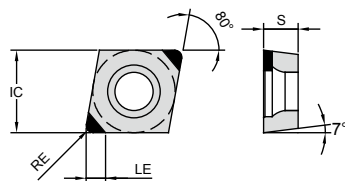
WNGA	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege
	3S WNGA080404 S01225	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	3
	3S WNGA080408 S01225	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	3
	3S WNGA080408 T01020	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	3
	6S WNGA080408 S01225	0.8	2.4	0.03 ~ 0.20	0.05 ~ 0.30	6
	3S WNGA080412 S01225	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 Eege	H05 - H15	H10 - H25	H10 - H25	H20 - H35
							YBN50	YBN65	YBN65A	K05 - K20
	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

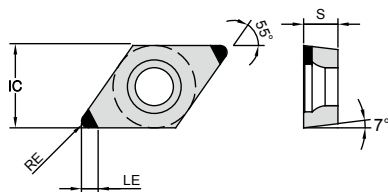
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive

DCGW - PCBN (55° Rhombic)

Refer to
Turning holder
p. 107, 130, 131


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

H05 - H15	H10 - H25	H10 - H25	H20 - H35
YBN50	YBN65	YBN65A	YBN90
	● 3091		
	● 3092	● 3093	
● 3094	● 3095	● 3096	
			● 3135
	● 3097	● 3098	
	● 3099	● 3100	
● 3101	● 3102	● 3103	
			● 3136

DCGW	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege
	2S DCGW070202 S01225	0.2	2.7	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S DCGW070204 S01225	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S DCGW070208 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S DCGW070208 T01020	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S DCGW11T302 S01225	0.2	2.7	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S DCGW11T304 S01225	0.4	2.5	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S DCGW11T308 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	2
	2S DCGW11T308 T01020	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	2



TURNING

PARTING & GROOVING

MILLING

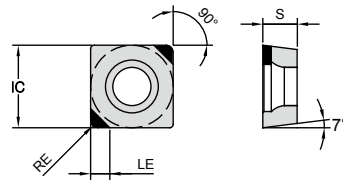
DRILLING

TECHNICAL INFORMATION

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 Eege	H05 - H15	H10 - H25	H10 - H25	H20 - H35
							YBN50	YBN65	YBN65A	K05 - K20
	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

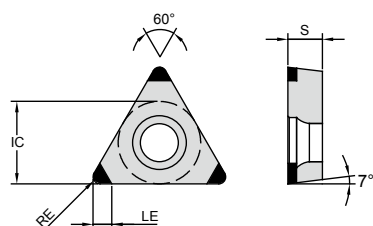
MILLING

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

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

TCGW	Designation	RE	LE	Fn (mm/rev.)	Ap (mm)	No. of PCBN Eege
	3STCGW090204 S01225	0.4	2.6	0.03 ~ 0.20	0.05 ~ 0.30	3
	3STCGW110204 S01225	0.4	2.6	0.03 ~ 0.20	0.05 ~ 0.30	3
	3STCGW110208 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	3
	3STCGW16T304 S01225	0.4	2.6	0.03 ~ 0.20	0.05 ~ 0.30	3
	3STCGW16T308 S01225	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	3
	3STCGW16T308 T01020	0.8	2.3	0.03 ~ 0.20	0.05 ~ 0.30	3

TURNING

PARTING & GROOVING

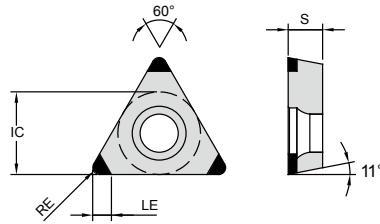
MILLING

DRILLING

TECHNICAL INFORMATION

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 Eege	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

PARTING & GROOVING

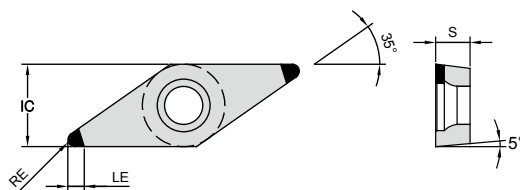
MILLING

DRILLING

TECHNICAL INFORMATION

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

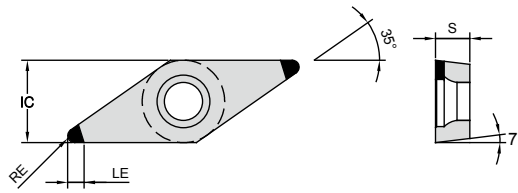
H05 - H15	H10 - H25	H10 - H25	H20 - H35 K05 - K20
YBN50	YBN65	YBN65A	YBN90
	● 3122		
	● 3123		
	● 3124	● 3125	
● 3126	● 3127	● 3128	
			● 3138

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 K05 - K20
							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

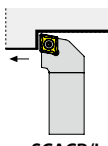
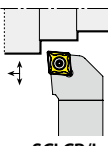
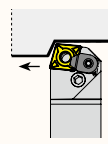
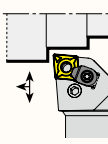
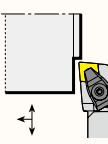
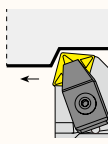
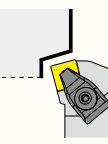
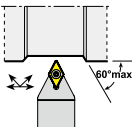
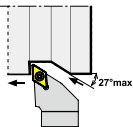
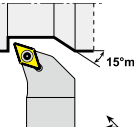
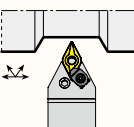
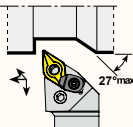
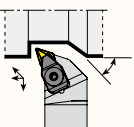
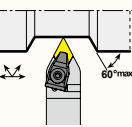
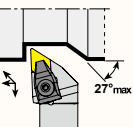
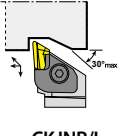
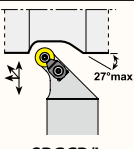
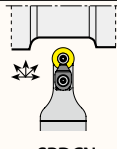
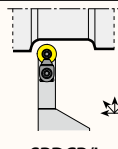
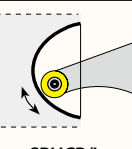
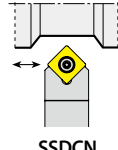
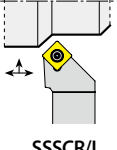
MILLING

DRILLING

TECHNICAL INFORMATION

External Holders Overview

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

Insert		Turning Holder				
TURNING	 CCGT CCMT	 SCACR/L Screw	 SCLCR/L Screw			
		Page	57	106	106	
PARTING & GROOVING	 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
MILLING	 DCGT DCMT	 SDNCN Screw	 SDJCR/L Screw	 SDHCR/L Screw		
		Page	60	107	107	107
DRILLING	 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
TECHNICAL INFORMATION	 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
	 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

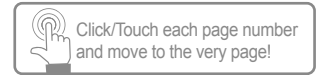
DRILLING

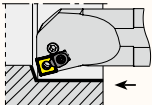
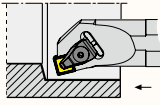
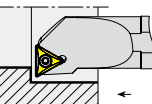
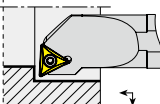
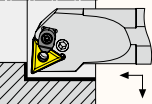
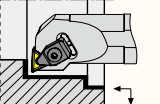
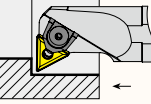
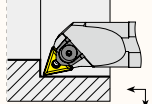
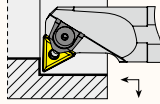
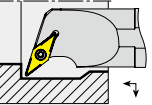
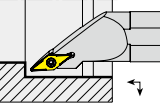
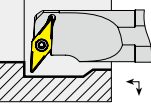
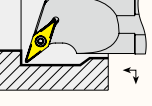
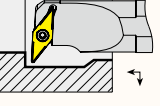
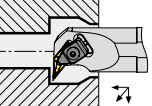
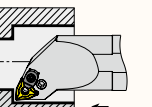
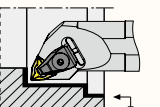
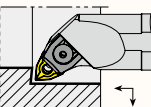
TECHNICAL INFORMATION

Insert		Turning Holder			
	CCGT CCMT				
		..SCFCR/L Screw	..SCLCR/L Screw	E..SCLCR/L Screw	
Page	57	128	129	129	
	CNMA CNMG				
		..PCLNR/L Lever (+Clamp)	..TCLNR/L Double Clamp	..MCLNR/L Multi-Clamp	
Page	28	113	118	124	
	DCGT DCMT				
		..SDPCR/L Screw	..SDQCR/L Screw	..SDUCR/L Screw	E..SDUCR/L Screw
Page	60	130	130	131	131
	DNMA DNMG				
		..PDQNR/L Lever (+Clamp)	..PDUNR/L Lever (+Clamp)	..TDQNR/L Double Clamp	..TDUNR/L Double Clamp
Page	33	114	114	119	119
	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



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

TURNING

PARTING & GROOVING

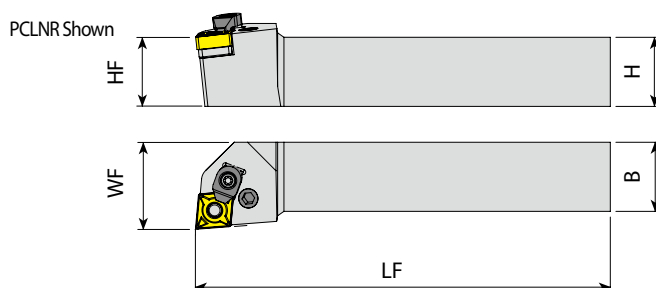
MILLING

DRILLING

TECHNICAL INFORMATION

Turning - Holder - External

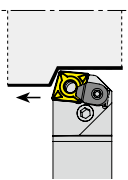
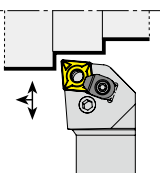
Lever Lock type for CN** Insert



* 'C' Letter at Last : Optional Clamp Included

☐ : Refer to p. 28

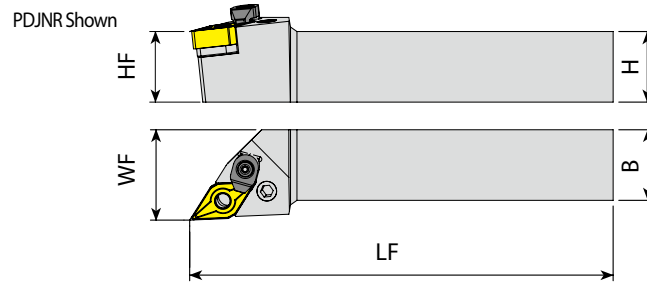
Unit:mm

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

Series	Designation	Information	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

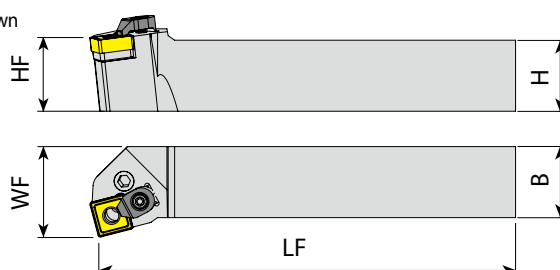
Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
PDNNN Approach angle 62.5°	PDNNN 2020K 15C	0515	20	20	10.0	125	DN1506
	PDNNN 2525M 15C	0516	25	25	12.5	150	
	PDNNN 3232P 15C	0517	32	32	16.0	170	
PDJNR/L Approach angle 93°	PDJNR/L 1616-H11	0031 0032	16	16	20.0	100	DN1104
	PDJNR/L 2020K 15C	0500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

Series	Designation	Infomation	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

PSKNR Shown



* 'C' Letter at Last : Optional Clamp Included

□ : Refer to p. 40

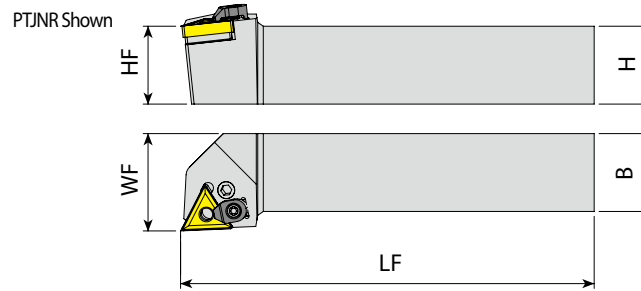
Unit:mm

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

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

Turning - Holder - External

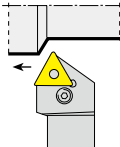
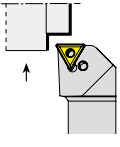
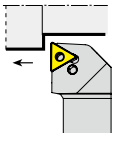
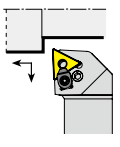
Lever Lock type for TN** Insert



* 'C' Letter at Last : Optional Clamp Included

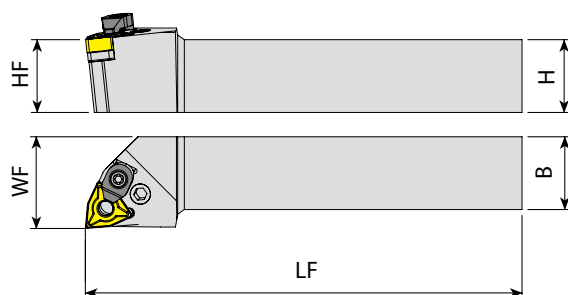
: Refer to p. 44

Unit:mm

Series	Designation	EDP 2700.. R	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	
	PTTNR/L 3232P 16	0624	0625	32	32	31.0	170	TN2204
	PTTNR/L 2525M 22C	0626	0627	25	25	20.5	150	
	PTTNR/L 3232P 22C	0628	0629	32	32	29.0	170	
 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	
	PTFNR/L 3232P 16	0562	0563	32	32	40.0	170	TN2204
	PTFNR/L 2525M 22C	0564	0565	25	25	32.0	150	
	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	
	PTGNR/L 2525M 16	0057	0058	25	25	32.0	150	
	PTGNR/L 2525M 22C	0570	0571	25	25	32.0	150	TN2204
	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	
	PTJNR/L 3232P 16	0603	0604	32	32	40.0	170	
	PTJNR/L 2525M 22C	0605	0606	25	25	32.0	150	TN2204
	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

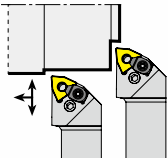
Lever Lock type for WN** Insert



* 'C' Letter at Last : Optional Clamp Included

☐: Refer to p. 53

Unit:mm

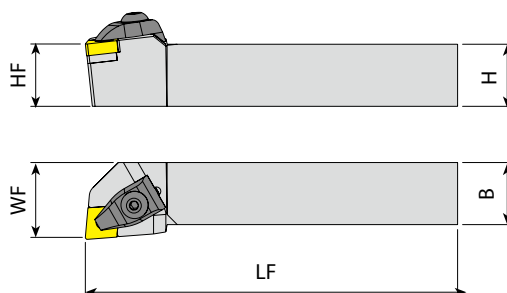
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
	PWLN/L 1616H 06	0647	0648	16	16	20	100	WN0604
	PWLN/L 2020K 06	0649	0650	20	20	25	125	
	PWLN/L 2525M 06	0651	0652	25	25	32	150	
 PWLN/L Approach angle 95°	PWLN/L 1616H 08	0653	0654	16	16	20	100	WN0804
	PWLN/L 2020K 08C	0655	0656	20	20	25	125	
	PWLN/L 2525M 08C	0657	0658	25	25	32	150	
	PWLN/L 3232P 08C	0659	0660	32	32	40	170	

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

Turning - Holder - External

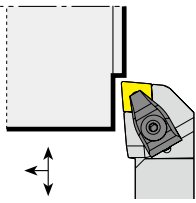
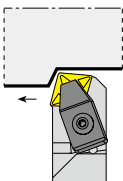
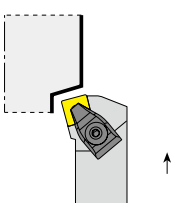
Double Clamp type for CN** Insert

TCLNR Shown



: Refer to p. 28

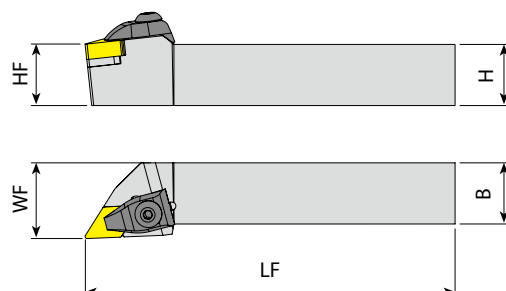
Unit:mm

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

Series	Designation	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

Double Clamp type for DN** Insert

TDJNR Shown



□ : Refer to p. 33

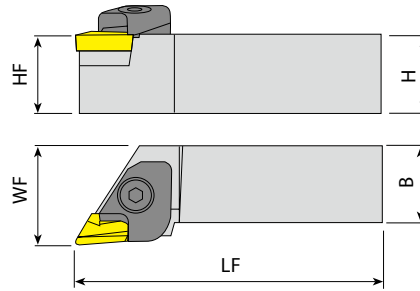
Unit:mm

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

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

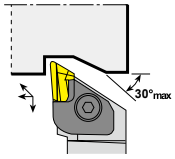
Turning - Holder - External

Top Clamp type for KN** Insert



: Refer to p. 39

Unit:mm

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

TURNING

PARTING & GROOVING

MILLING

DRILLING

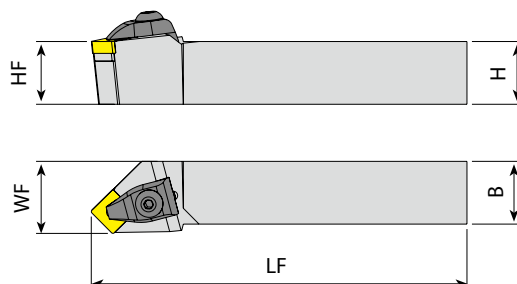
TECHNICAL INFORMATION

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

Turning - Holder - External

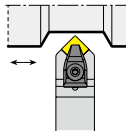
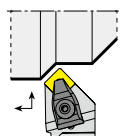
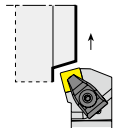
Double Clamp type for SN** Insert

TSSNR Shown



□: Refer to p. 40

Unit:mm

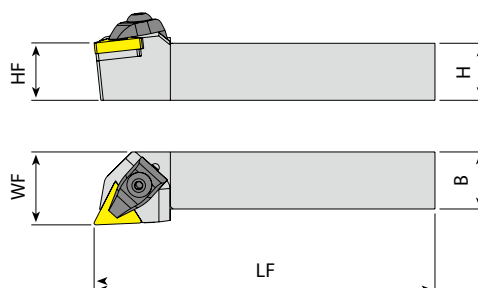
Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
 TSDNN Approach angle 45°	TSDNN 1616H 12	0533	16	16	8.0	100	SN1204
	TSDNN 2020K 12	0534	20	20	10.0	125	
	TSDNN 2525M 12	0535	25	25	12.5	150	
	TSDNN 3232P 12	0536	32	32	16.0	170	
 TSSNR/L Approach angle 45°	TSSNR/L 2020K 12	0554 0555	20	20	25.0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

Series	Designation	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-02-M5x12	YAAL-03-3
		EDP	18000075	18000091	18000058	18000052	18000145	18000156	18000061

Turning - Holder - External

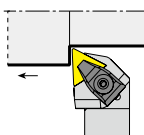
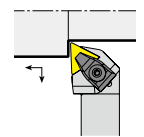
Double Clamp type for TN** Insert

TTJNR Shown



: Refer to p. 44

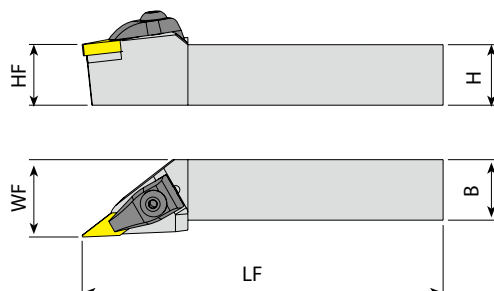
Unit:mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 TTGNR/L Approach angle 91°	TTGNR/L 2020K 16	0574	0575	20	20	25	125	TN1604
	TTGNR/L 2525M 16	0576	0577	25	25	32	150	
	TTGNR/L 3232P 16	0578	0579	32	32	40	170	
	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	
 TTJNR/L Approach angle 93°	TTJNR/L 2020K 16	0609	0610	20	20	25	125	TN1604
	TTJNR/L 2525M 16	0611	0612	25	25	32	150	
	TTJNR/L 3232P 16	0613	0614	32	32	40	170	
	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

Double Clamp type for VN** Insert

TVJNR Shown



□: Refer to p. 51

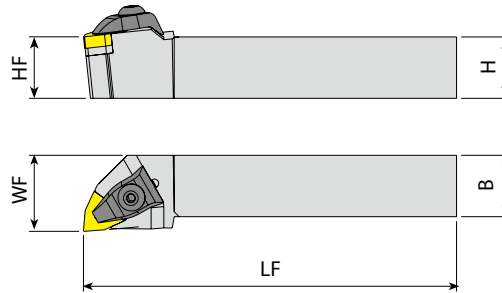
Unit:mm

Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
TVVNN Approach angle 72.5°	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	
TVJNR/L Approach angle 93°	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	
TVHNR/L Approach angle 107.5°	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	Information	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

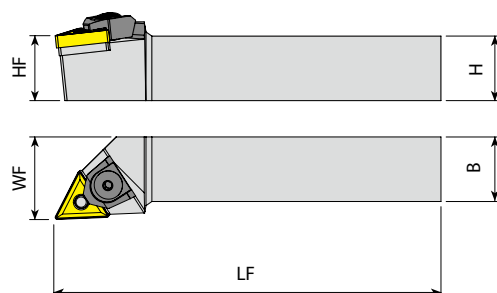
Unit:mm

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

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

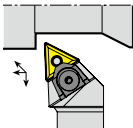
Turning - Holder - External

Multi-Clamp type for TN** Insert



□: Refer to p. 44

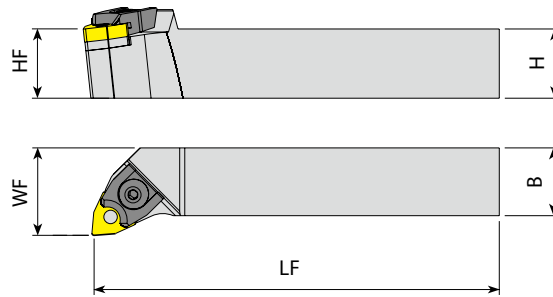
Unit:mm

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

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

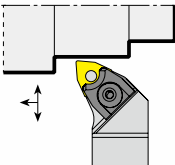
Turning - Holder - External

Multi-Clamp type for WN** Insert



: Refer to p. 53

Unit:mm

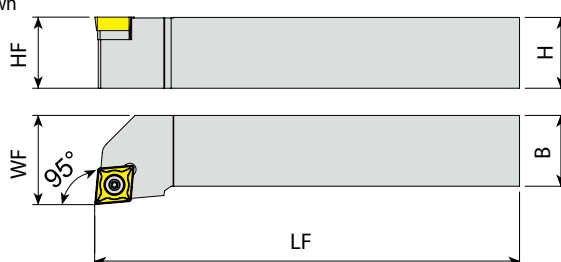
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 MWLNR/L Approach angle 95°	MWLNR/L 1616H 06	0645	0646	16	16	20	100	WN0604
	MWLNR/L 2020K 06	0021	0022	20	20	25	125	
	MWLNR/L 2525M 06	0023	0024	25	25	32	150	
	MWLNR/L 2020K 08	0025	0026	20	20	25	125	WN0804
	MWLNR/L 2525M 08	0027	0028	25	25	32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

Series	Designation	Information	Clamp	Clamp Screw	Upper Ring	Lower Ring	Pin	Shim	Allen Key
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

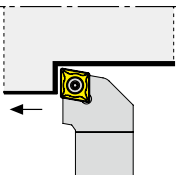
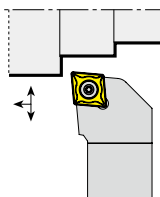
Screw on type for CC** Insert

SCLCR Shown



□: Refer to p. 57

Unit:mm

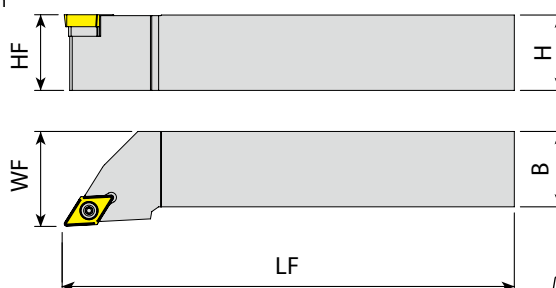
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 SCACR/L Approach angle 90°	SCACR/L 0808E 06	0675	0676	08	08	10	70	CC0602
	SCACR/L 1010E 06	0677	0678	10	10	12	70	
	SCACR/L 1212F 09	0679	0680	12	12	16	80	CC09T3
	SCACR/L 1616H 09	0681	0682	16	16	20	100	
	SCACR/L 2020K 09	0683	0684	20	20	25	125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

Series	Designation	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



: Refer to p. 60

Unit:mm

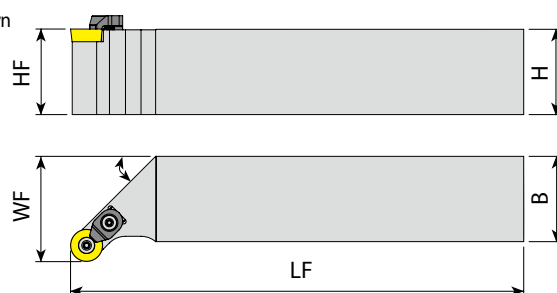
Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
 SDNCN Approach angle 62.5°	SDNCN 0808E 07	0723	08	08	4.0	70	DC0702
	SDNCN 1010E 07	0724	10	10	5.0	70	
	SDNCN 1212F 07	0123	12	12	6.0	80	
	SDNCN 1616H 07	0725	16	16	8.0	100	
	SDNCN 1616H 11	0124	16	16	8.0	100	DC11T3
	SDNCN 2020K 11	0125	20	20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

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

Turning - Holder - External

Screw on type for RC** Insert

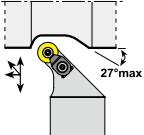
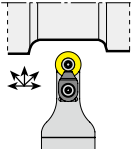
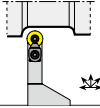
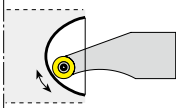
SRGCR Shown



* 'C' Letter at Last : Optional Clamp Included

□ : Refer to p. 62

Unit:mm

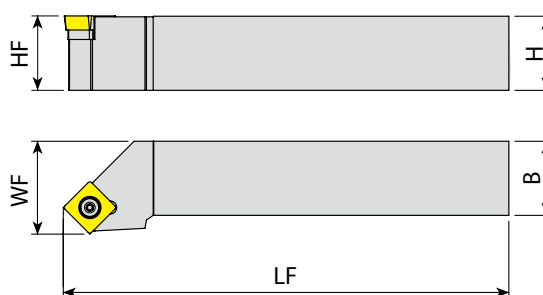
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 SRGCR/L Approach angle 90°	SRGCR/L 1616H 06	0739	0740	16	16	20.0	100	RC0602
	SRGCR/L 2020K 06	0741	0742	20	20	25.0	125	
	SRGCR/L 1616H 08C	0743	0744	16	16	32.0	100	RC0803
	SRGCR/L 2020K 08C	0745	0746	20	20	25.0	125	
	SRGCR/L 2525M 08C	0747	0748	25	25	32.0	150	RC10T3
	SRGCR/L 1616H 10C	0749	0750	16	16	20.0	100	
	SRGCR/L 2020K 10C	0751	0752	20	20	25.0	125	
	SRGCR/L 2525M 10C	0753	0754	25	25	32.0	150	
	SRGCR/L 3232P 10C	0755	0756	32	32	40.0	170	RC1204
	SRGCR/L 2020K 12C	0757	0758	20	20	25.0	125	
	SRGCR/L 2525M 12C	0759	0760	25	25	32.0	150	
	SRGCR/L 3232P 12C	0761	0762	32	32	40.0	170	
 SRDCN Approach angle 90°	SRDCN 1616H 06	0162		16	16	8.0	100	RC0602
	SRDCN 2020K 06	0163		20	20	10.0	125	
	SRDCN 2525M 06	0164		25	25	12.5	150	RC0803
	SRDCN 1616H 08C	0727		16	16	8.0	100	
	SRDCN 2020K 08C	0728		20	20	10.0	125	RC10T3
	SRDCN 2525M 08C	0729		25	25	12.5	150	
	SRDCN 1616H 10C	0730		16	16	8.0	100	
	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	
	SRDCN 2525M 12C	0735		25	25	12.5	150	
 SRDCR/L	SRDCR/L3232P12C	0737	0738	32	32	40.0	170	RC1204
 SRHCR/L	SRHCR/L 2525K 06	0763	-	25	25	25.0	125	RC0602
	SRHCR/L 2525K 08	0764	0765	25	25	25.0	125	RC0803
	SRHCR/L 2525K 10	0766	0767	25	25	25.0	125	RC10T3
	SRHCR/L 2525K 12	0768	0769	25	25	25.0	125	RC1204

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

Turning - Holder - External

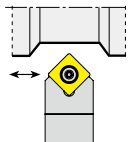
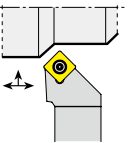
Screw on type for SC** Insert

SSSCR Shown



: Refer to p. 64

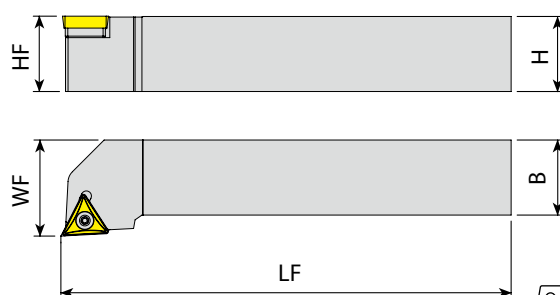
Unit:mm

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

Series	Designation	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

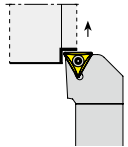
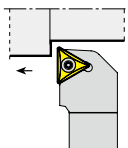
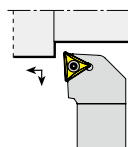
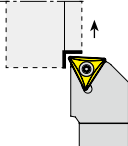
Screw on type for TC** Insert

STJCR Shown



☐: Refer to p. 66

Unit:mm

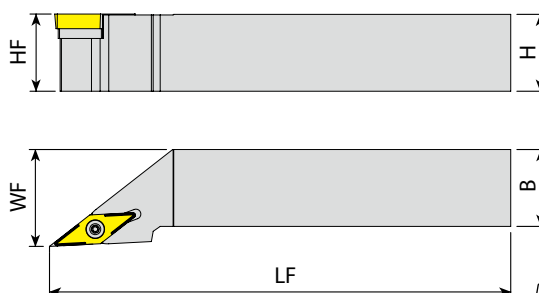
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 STFCR/L Approach angle 91°	STFCR/L 1212F 11	0099	0100	12	12	16	80	TC1102
	STFCR/L 1616H 11	0101	0102	16	16	20	100	
	STFCR/L 1616H 16	0105	0106	16	16	20	100	TC16T3
	STFCR/L 2020K 16	0107	0108	20	20	25	125	
	STFCR/L 2525M 16	0109	0110	25	25	32	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	L	H (= HF)	B	WF	LF	Insert
 SVHBR/L Approach angle 107.5°	SVHBR/L 2020K 16	0818	0819	20	20	25.0	125	VB1604
	SVHBR/L 2525M 16	0820	0821	25	25	32.0	150	
	SVHBR/L 3232P 16	0822	0823	32	32	40.0	170	
 SVVBN Approach angle 72.5°	SVVBN 2020K 16	0131		20	20	10.0	125	VB1604
	SVVBN 2525M 16	0132		25	25	12.5	150	
	SVVBN 3232P 16	0827		32	32	16.0	170	
 SVJBR/L Approach angle 93°	SVJBR/L 1616H 16	0824	0825	16	16	20.0	100	VB1604
	SVJBR/L 2020K 16	0127	0128	20	20	25.0	125	
	SVJBR/L 2525M 16	0129	0130	25	25	32.0	150	
	SVJBR/L 3232P 16	0436	0826	32	32	40.0	170	

TURNING

PARTING & GROOVING

MILLING

DRILLING

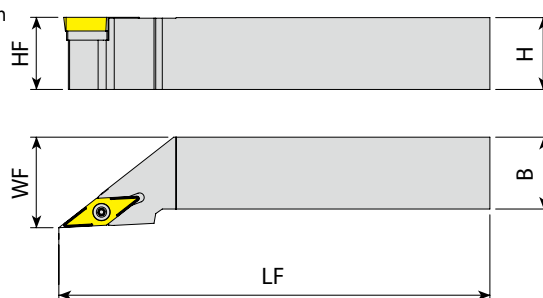
TECHNICAL INFORMATION

Series	Designation	Infomation	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

SVJCR Shown



□: Refer to p. 69

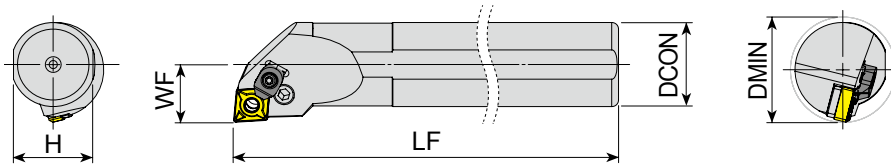
Unit:mm

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

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

Turning - Holder - Internal

Lever Lock type for CN** Insert

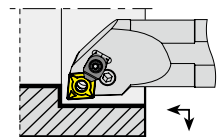


* 'C' Letter at Last : Optional Clamp Included

☐ : 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	
	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	
X	A50U - PCLNR/L 16C	0851 0852	63	50	47	35	350	CN1606
	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	
	S40U - PCLNR/L 19C	0877 0878	50	40	37.5	27	350	
	S50V - PCLNR/L 19C	0879 0880	63	50	47	35	400	



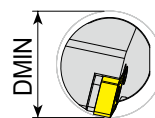
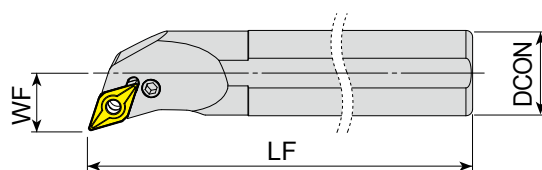
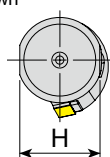
..-PCLNR/L

Approach angle
95°

Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..25.. - 12C	Description	YAPL-02	YALV-08-M8x16	YACK-05	Y4015-M4x11	YAACN-3-0001	YAAY-02	YAAL-03-3	
	EDP	18000093	18000104	18000065	18000119	18000137	18000054	18000061	
..32~50.. - 12C	Description	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAACN-3-0001	YAAY-02	YAAL-03-3	
	EDP	18000093	18000100	18000065	18000119	18000137	18000054	18000061	
..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	
..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	

Lever Lock type for DN** Insert

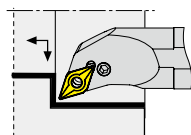
..PDQNR Shown



: Refer to p. 33

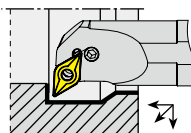
Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
●	A32S - PDQNR/L 1504	0895 -	40	32	30	22	250	DN1504
	A40T - PDQNR/L 1504	0896 -	50	40	37.5	27	300	
	S32T - PDQNR/L 1504	0903 -	40	32	30	22	300	
	X S40U - PDQNR/L 1504	0904 -	50	40	37.5	27	350	
	S50V - PDQNR/L 1504	0905 -	63	50	47	35	400	
●	A32S - PDQNR/L 15	0897 0898	40	32	30	22	250	DN1506
	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	
●	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	DN1506
	S50V - PDUNR/L 15	0940 0941	63	50	47	35	400	



..PDQNR/L

Approach angle
107.5°



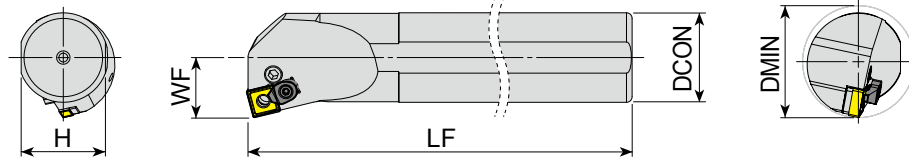
..PDUNR/L

Approach angle
93°

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

TURNING

PARTING & GROOVING

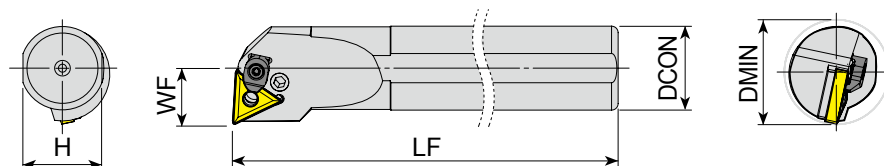
MILLING

DRILLING

TECHNICAL INFORMATION

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

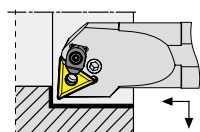


* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 44

Unit:mm

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



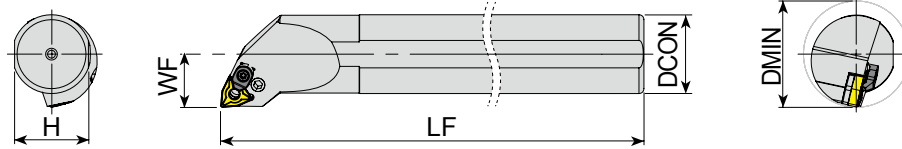
..PTUNR/L

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

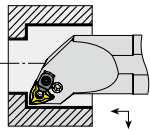


* 'C' Letter at Last : Optional Clamp Included

: 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	

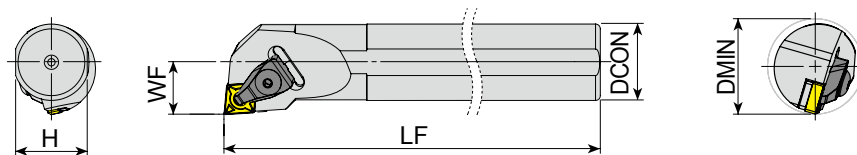


..-PWLNR/L

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	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

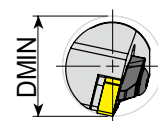
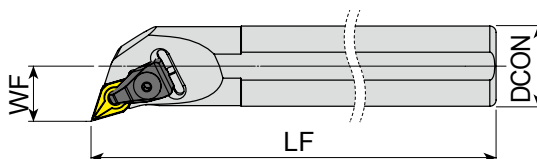
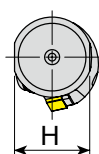
Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..-TCLNR/L Approach angle 95°	X	S25S - TCLNR/L 12	0881 0882	32	25	23	17	250	CN1204
		S32T - TCLNR/L 12	0883 0884	40	32	30	22	300	
		S40U - TCLNR/L 12	0885 0886	50	40	37.5	27	350	
		S50V - TCLNR/L 12	0887 0888	63	50	47	35	400	
	X	S32T - TCLNR/L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

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



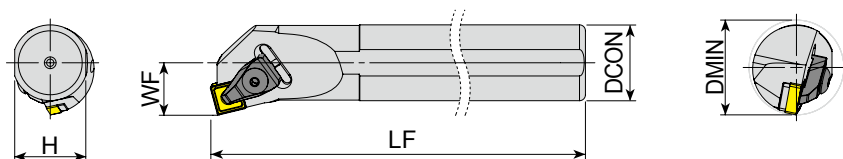
: Refer to p. 33

Unit:mm

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

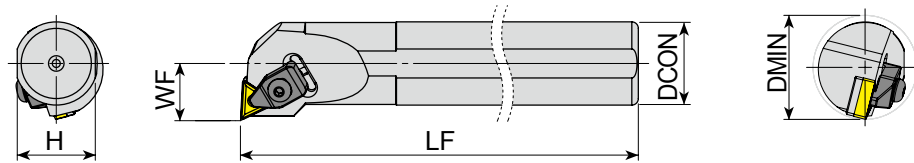
Unit:mm

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

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



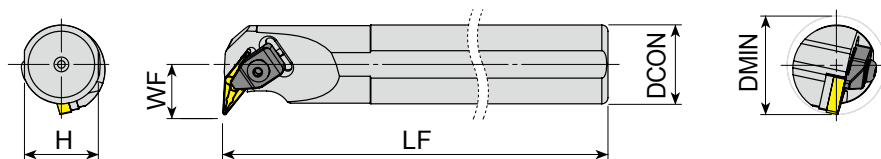
: Refer to p. 44

Unit:mm

Series		Designation	EDP 2700.. R L		DMIN	DCON	H	WF	LF	Insert
 ..- TTUNR/L Approach angle 93°	X	S25S - TTUNR/L 16	1030	1031	32	25	23	17	250	TN1604
		S32T - TTUNR/L 16	1032	1033	40	32	30	22	300	
		S25S - TTUNR/L 22	1034	1035	32	25	23	17	250	TN2204
	X	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	

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

Double Clamp type for VN** Insert



□: Refer to p. 51

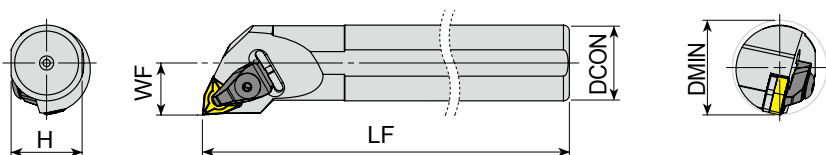
Unit:mm

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

Series	Designation	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.. R L	DMIN	DCON	H	WF	LF	Insert
 ..-TWLNR/L Approach angle 95°	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	

TURNING

PARTING & GROOVING

MILLING

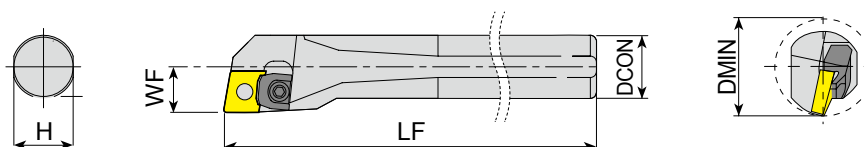
DRILLING

TECHNICAL INFORMATION

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

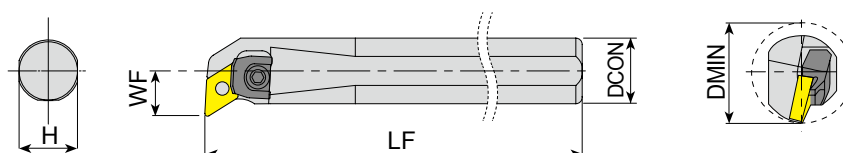
Unit:mm

Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..- MCLNR/L Approach angle 95°		S20R - MCLNR/L12	0857 0858	25	20	18.3	13	200	CN1204
	X	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

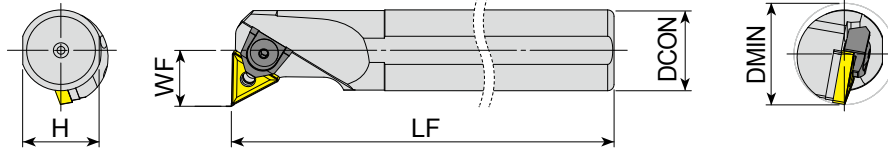
Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..- MDUNR/L Approach angle 93°		S32T - MDUNR/L15	0928 0929	40	32	30	22	300	DN1506
	X	S40U - MDUNR/L15	0930 0931	50	40	37.5	27	350	
		S50V - MDUNR/L15	0932 0933	63	50	47	35	400	

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

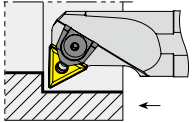
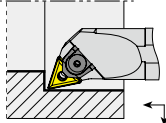
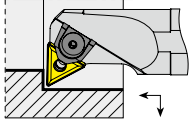
Multi-Clamp type for TN** Insert

..MTFNR Shown



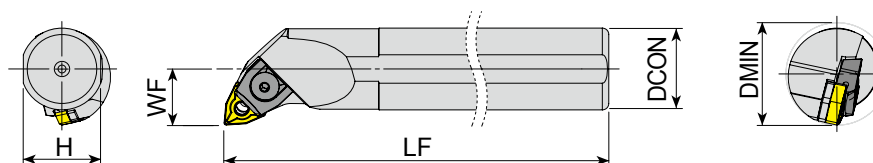
: Refer to p. 44

Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..- MTFNR/L Approach angle 91°	X S20R - MTFNR/L 16	0972 -	25	20	18.3	14	200	TN1604
	S25S - MTFNR/L 16	0973 0974	32	25	23	17	250	
	S32T - MTFNR/L 16	0975 0976	40	32	30	22	300	
	S40U - MTFNR/L 16	0977 0978	50	40	37.5	27	350	
	S32T - MTFNR/L 22	0979 0980	40	32	30	22	300	TN2204
	X S40U - MTFNR/L 22	0981 0982	50	40	37.5	27	350	
	S50V - MTFNR/L 22	0983 -	63	50	47	35	400	
 ..- MTQNR/L Approach angle 107.5°	X S20R - MTQNR/L 16	0984 0985	25	20	18.3	13	200	TN1604
	S32T - MTQNR/L 16	0988 0989	40	32	30	22	300	
	S40U - MTQNR/L 16	0990 0991	50	40	37.5	27	350	
	S32T - MTQNR/L 22	0992 0993	40	32	30	22	300	TN2204
	S40U - MTQNR/L 22	0994 0995	50	40	37.5	27	350	
	X S50V - MTQNR/L 22	0996 0997	63	50	47	35	400	
	S32T - MTUNR/L 22	1008 1009	40	32	30	22	300	
	S40U - MTUNR/L 22	1010 1011	50	40	37.5	27	350	
 ..- MTUNR/L Approach angle 93°	S50V - MTUNR/L 22	1012 1013	63	50	47	35	400	
	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
..MT..	..20..16	Description	YAMK-02	YAKV-17-M5x15	-	-	YAPM-03	-	-	YAAL-03-3
		EDP	18000071	18000087	-	-	18000112	-	-	18000061
	..22	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAPM-02	YAATN-3-0015	-	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	18000054	18000148	-	18000061
	..25..16	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAPM-14	YAATN-2-0002	-	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	18000117	18000147	-	18000061
	..32~40..16	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	-	YAATN-2-0002	YAPM-14	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	-	18000147	18000117	18000061
	..32~50..16	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAPM-01	YAATN-2-0002	-	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	18000110	18000147	-	18000061
	..32~50..22	Description	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	-	YAATN-3-0015	YAPM-02	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	-	18000148	18000111	18000061

Multi-Clamp type for WN** Insert



□: Refer to p. 53

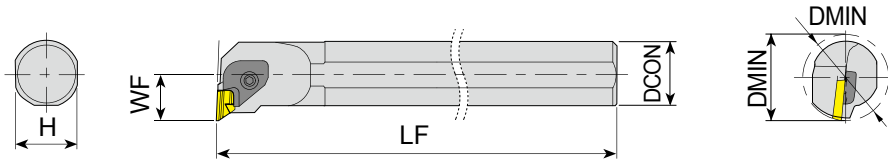
Unit:mm

Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..-MWLNR/L Approach angle 95°	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	

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

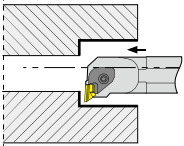
Turning - Holder - Internal

Top Clamp type for KN** Insert



: Refer to p. 39

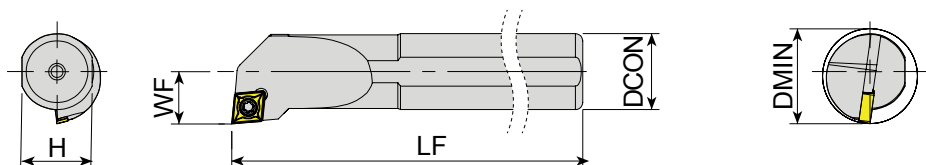
Unit:mm

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

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

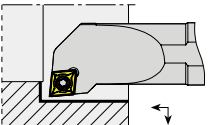
Turning - Holder - Internal

Screw on type for CC** Insert



□: Refer to p. 57

Unit:mm

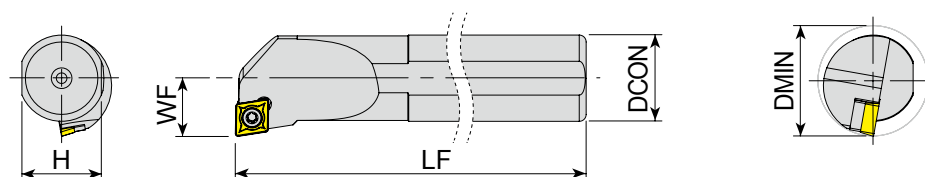
Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..- SCFCR/L Approach angle 91°		S08H - SCFCR/L 06	1102 1103	11	08	7.3	6	100	CC0602
	X	S10K - SCFCR/L 06	1104 1105	13	10	9	7	125	
		S12K - SCFCR/L 06	1106 1107	16	12	11	9	125	
		S12K - SCFCR/L 09	1108 1109	16	12	11	9	125	CC09T3
	X	S16P - SCFCR/L 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	

► 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..	..12..09	Description	Y4015-M3.5x8	-	-	Y80-T15
		EDP	18000130	-	-	18000167
	..16~20..09	Description	Y4015-M3.5x9	-	-	Y80-T15
		EDP	18000131	-	-	18000167
	..25..09	Description	Y4015-M3.5x12	YAACN-2-0001	YAAV-08-M3.5x8	Y80-T15
		EDP	18000128	18000135	18000161	18000167

Turning - Holder - Internal

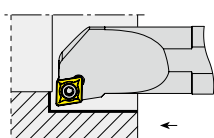
Screw on type for CC** Insert



☐: Refer to p. 57

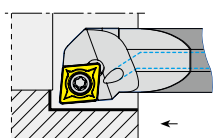
Unit:mm

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	
	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	CC09T3
	S12K - SCLCR/L 09	1141 1142	16	12	11	9	125	
	S16P - SCLCR/L 09	1474 1143	20	16	14.8	11	170	
	S20R - SCLCR/L 09	1144 1145	25	20	18.3	13	200	
	S25S - SCLCR/L 09	1146 1147	32	25	23	17	250	
	S32T - SCLCR/L 09	1148 1149	40	32	30	22	300	
	A25R - SCLCR/L 12	1131 1132	32	25	23	17	200	CC1204
	S25S - SCLCR/L 12	1150 1151	32	25	23	17	250	
	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°



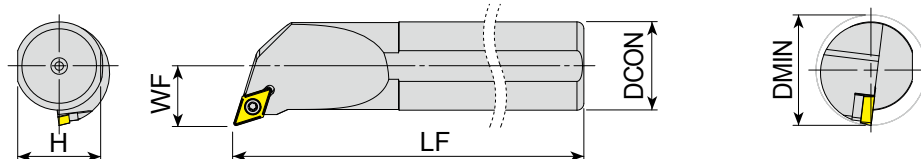
E..SCLCR/L
(Carbide Shank)

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

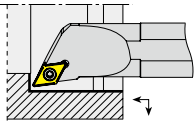
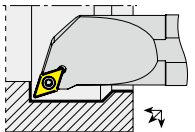
Screw on type for DC** Insert

..SDQCR Shown



: Refer to p. 60

Unit:mm

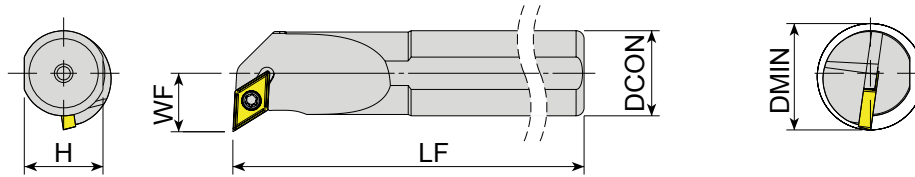
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..SDPCR/L Approach angle 117.5°	S10K - SDPCR/L07	1162 1163	13	10	9	7	125	DC0702
	S12K - SDPCR/L07	1164 1165	16	12	11	9	125	
	S16P - SDPCR/L11	1166 1167	20	16	14.8	11	170	DC11T3
	S25S - SDPCR/L11	1170 1171	32	25	23	17	250	
 ..SDQCR/L Approach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

► NEXT PAGE

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..SD..	..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

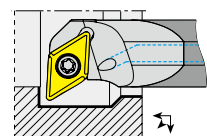
Screw on type for DC** Insert



: 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	DC11T3
	S20R - SDUCR/L 07	1228 1229	25	20	18.3	13	200	
	A16M - SDUCR/L 11	1214 1215	20	16	14.8	11	150	
	A20P - SDUCR/L 11	1216 1217	25	20	18.3	13	170	
	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	DC11T3
	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	

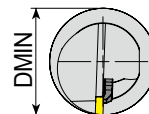
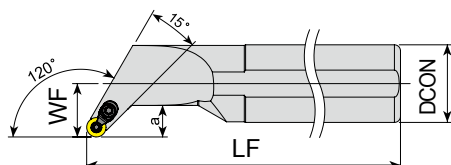
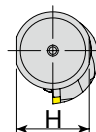


E..SDUCR/L
(Carbide Shank)

Approach angle
93°

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

Screw on type for RC** Insert



* 'C' Letter at Last : Optional Clamp Included

: Refer to p. 62

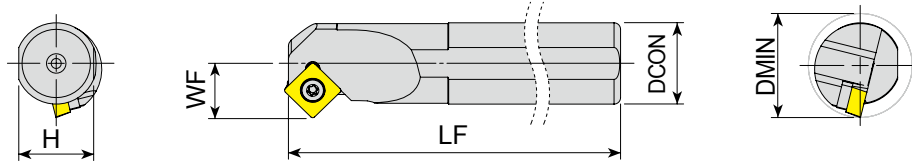
Unit:mm

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

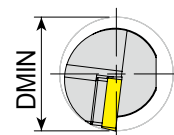
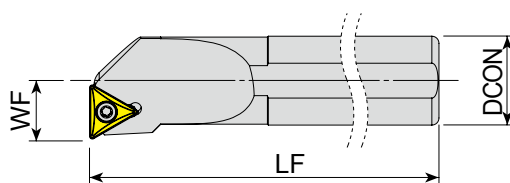
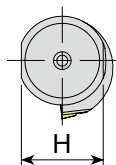
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 .. - SSSCR/L Approach angle 45°	S16P - SSSCR/L09	1255 1256	20	16	14.8	11	170	SC09T3
	S25S - SSSCR/L09	1259 1260	32	25	23	17	250	
	S25S - SSSCR/L12	1261 1262	32	25	23	17	250	SC1204
	S32T - SSSCR12	1263 -	40	32	30	22	300	

Series	Designation	Information	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

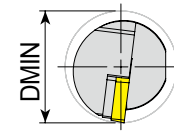
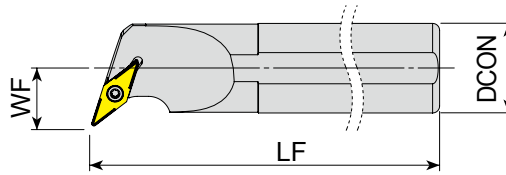
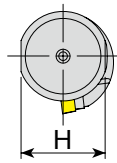
Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..-STFCR/L Approach angle 91°	X	S12K - STFCR/L 11	1264 1265	17	12	11	9	125	TC1102
		S16P - STFCR/L 11	1266 1267	20	16	14.8	11	170	
		S20R - STFCR/L 11	1268 1269	25	20	18.3	13	200	
	X	S16P - STFCR/L 16	1270 1271	20	16	14.8	11	170	TC16T3
		S20R - 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	
 ..-STUCR/L Approach angle 93°	X	S12K - STUCR/L 11	1279 1280	17	12	11	9	125	TC1102
		S16P - STUCR/L 11	1281 1282	20	16	14.8	11	170	
		S20R - STUCR/L 11	1283 1284	25	20	18.3	13	200	
	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 - STFCR/L 16	1278 -	50	40	37.5	27	350	
		S40U - STUCR/L 16	1293 1294	50	40	37.5	27	350	

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..ST..	..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

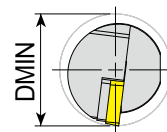
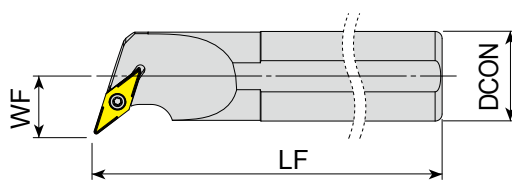
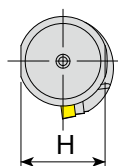
Unit:mm

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

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

Screw on type for VC** Insert

..SVQCR Shown



: Refer to p. 69

Unit:mm

Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
..SVQCR/L Approach angle 107.5°	X	S25S - SVQCR/L 16	1320 1321	32	25	23	17	250	VC1604
		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