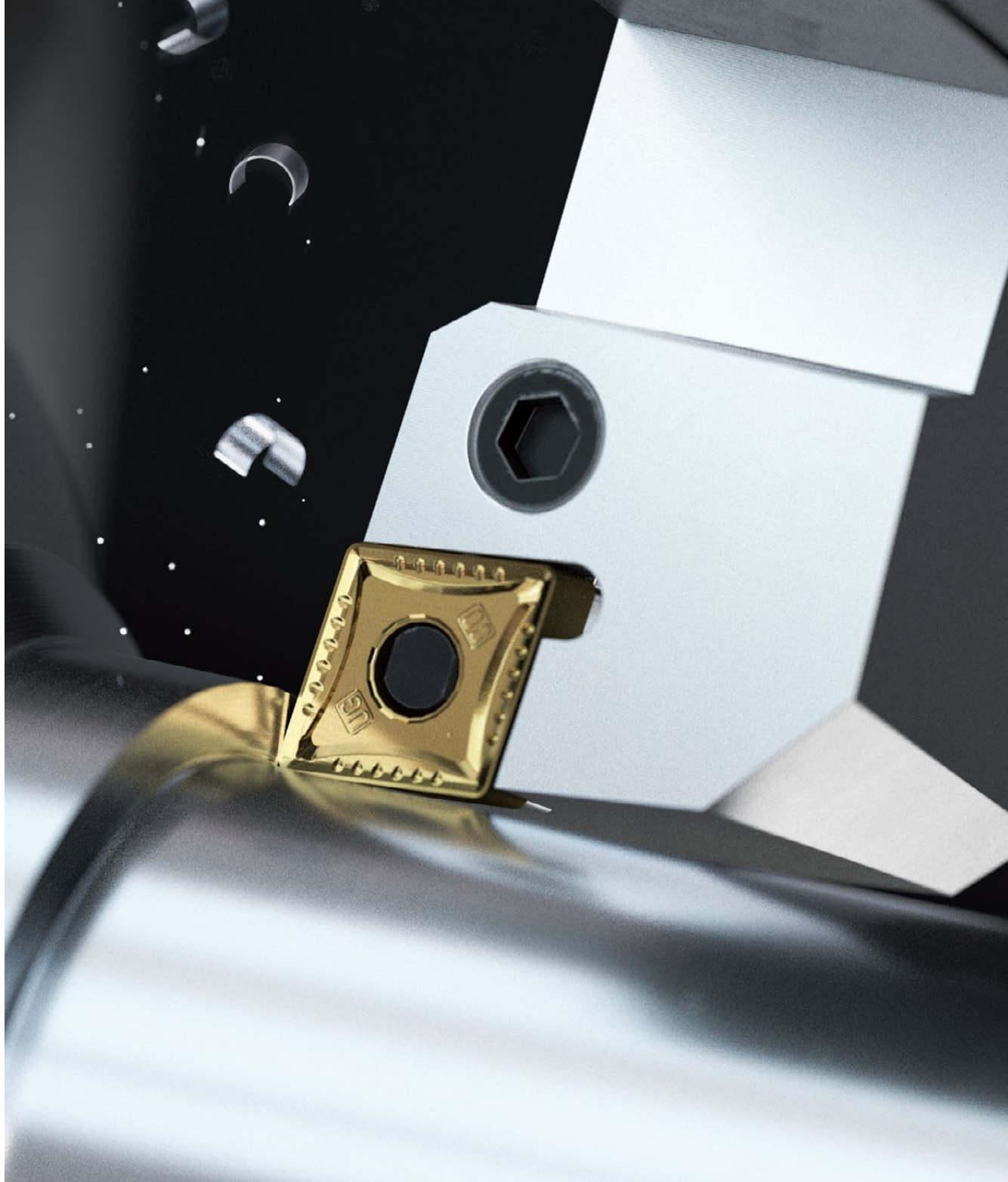




ISO TURNING

Product Overview

Application Guide

Turning Inserts Overview

Turning Inserts

Turning Holders Overview

Turning Holders

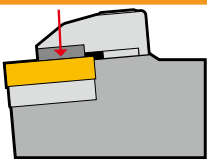
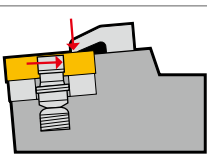
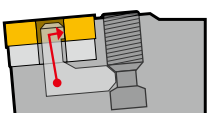
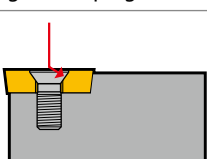
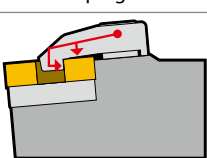


Scan this QR code
to see our
Turning Grades
at work.

External Turning Holder Code

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

1 - Clamping System

Symbol	System
C	 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)

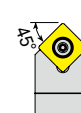
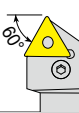
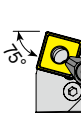
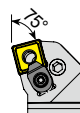
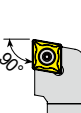
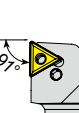
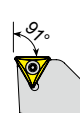
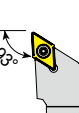
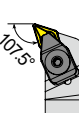
2, 4 - Insert Compatibility *



* Related to Insert Designation to check compatibility

* Refer to '1-shape' of page 20

3 - Tool Style

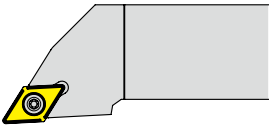
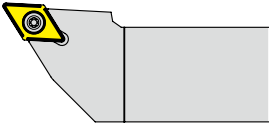
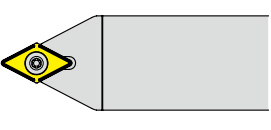
Approach Angle (KAPR)	Side Direction		End Direction
	Straight Shank	Offset Shank	
45°	D 	S 	
60°		T 	
63°	N 		
72.5°	V 		
75°	B 		K 
90°/91°	A 	G 	F 
93°		J 	U 
95°		L (Both Direction) 	
107.5°		H 	

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

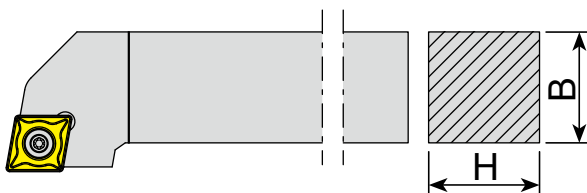
5 - Hand Direction

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

Internal Turning Holder Code

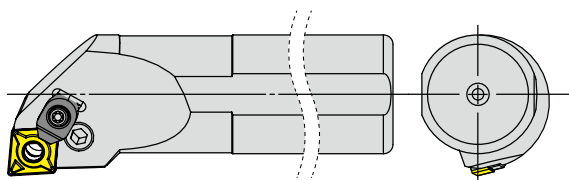
*Metric

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	Carbide

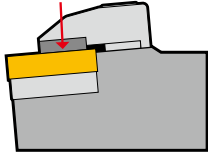
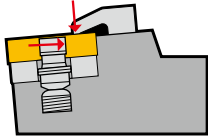
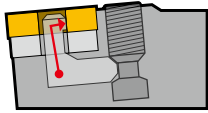
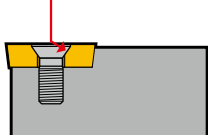
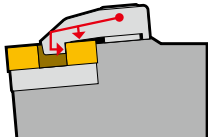
2 - Shank Diameter (DCON)



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)	Length (LF)	Clamping System	Insert Shape (1st Letter of Insert)	Tool Style	Insert Clearance (2nd Letter of Insert)	Tool Hand	Insert Size

6 - Tool Style

Approach Angle (KAPR)	Side Direction	End Direction
	Offset Shank	
75°		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 20

(10 - Optional Clamp)

Symbol	Optional Clamp
C	Included

Insert ISO Code System

*Metric : According to ISO 1832

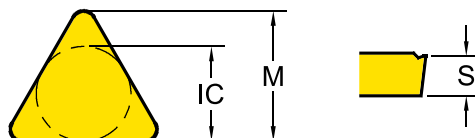
page 14

page 12

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

1 - Shape

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



3 - Tolerance Class

Symbol	Inner Circle IC (mm)	Nose Height M (mm)	Thickness S (mm)
C	± 0.025	± 0.013	± 0.025
E	± 0.025	± 0.025	± 0.025
G	± 0.025	± 0.025	± 0.13
H	± 0.013	± 0.013	± 0.025
K*	± 0.05~0.15*	± 0.013	± 0.025
M*	± 0.05~0.15*	± 0.08~0.2*	± 0.13
U*	± 0.08~0.25*	± 0.13~0.38*	± 0.13

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

4 - Clamping & Chipbreaker

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

2 - Relief Angle (AN)

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

Insert ISO Code System

*Inch

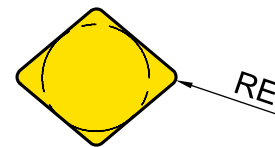
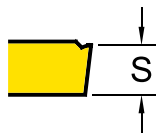
page 14

page 12

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

5 - Insert Size

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



6 - Insert Thickness (S)

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

7 - Corner Radius (RE)

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

Grade Naming System

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

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	●			
0	Hardened Steel		●		

3 - Grade Version

4 & 5 - Application Range

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

(6) - (Minor Variation)

G - Gold Coated Version

Turning Grades Map

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

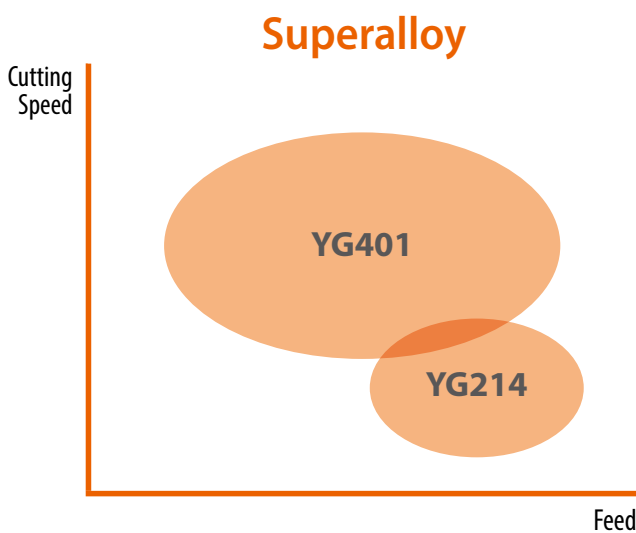
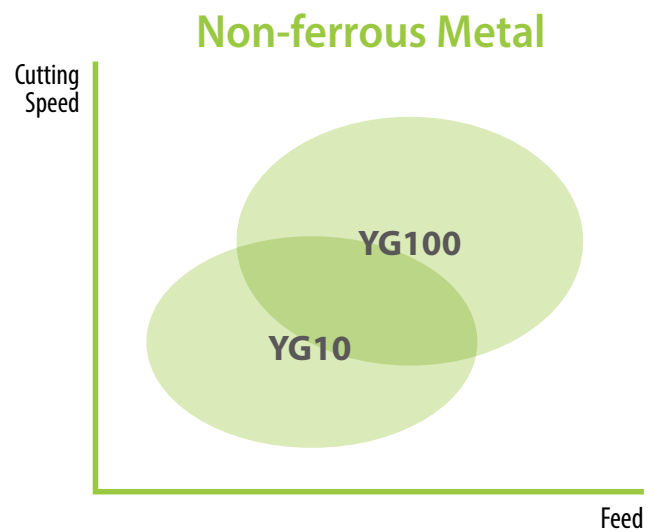
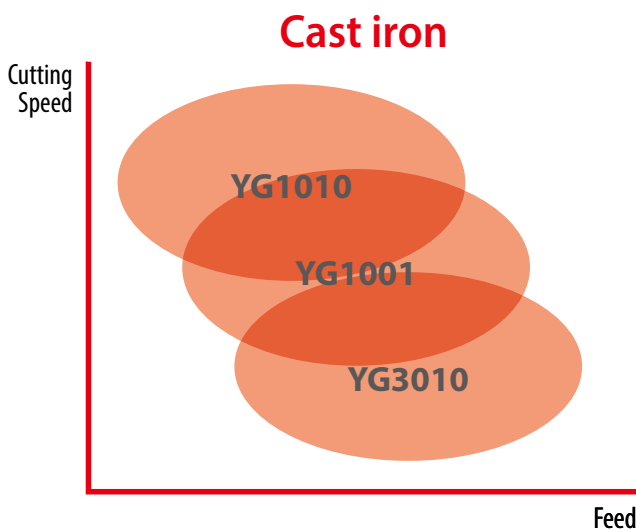
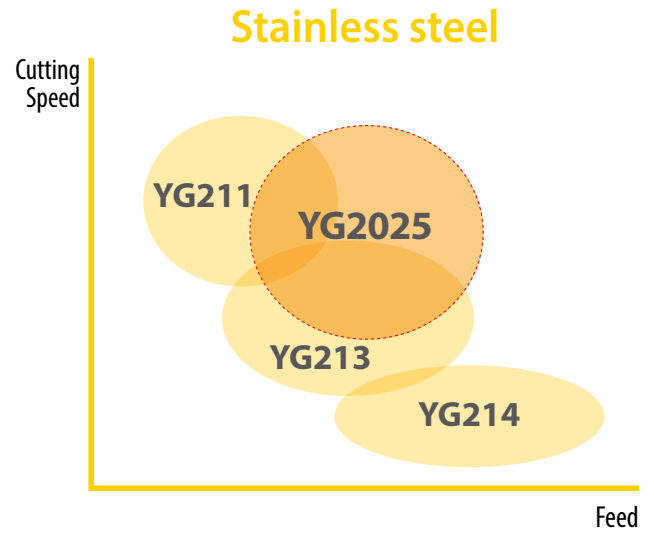
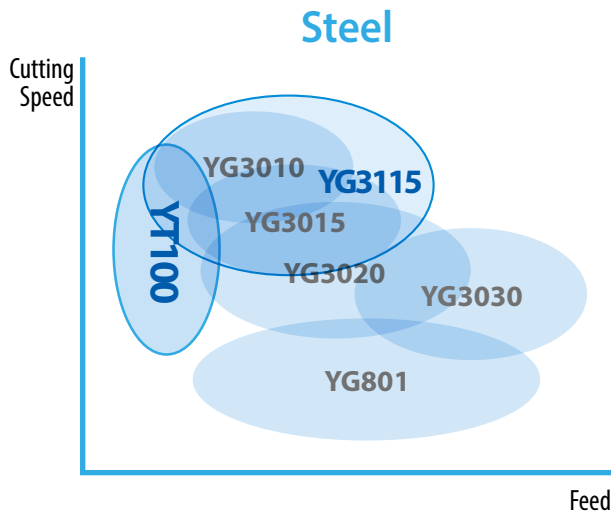
TURNING

PARTING & GROOVING

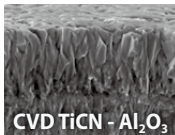
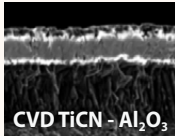
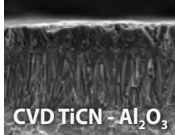
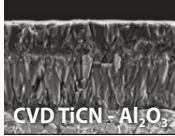
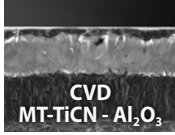
MILLING

DRILLING

TECHNICAL INFORMATION



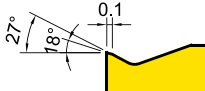
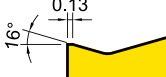
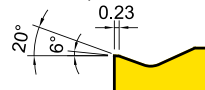
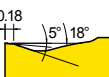
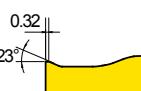
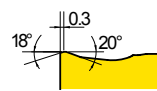
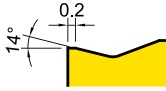
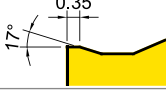
	Turning Grades	P Steel				M Stainless steel			K Cast iron			N Non-ferrous		S Superalloys	
		P10	P20	P30	P40	M10	M20	M30	K10	K20	K30	N10	N20	S10	S20
TURNING	YG1010								1010						
	YG1001	1001							1001						
	YG3010		3010							3010					
	YG3015		3015												
	YG3115		3115												
	YG3020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

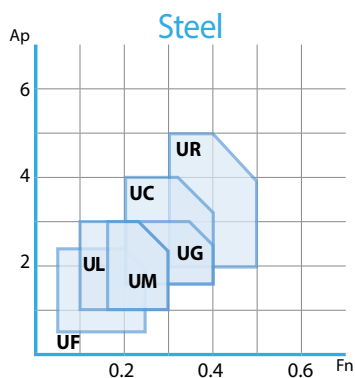
TECHNICAL INFORMATION	YG1010 K05 - K15	 CVD TiCN - Al ₂ O ₃	First Choice for Cast Iron - Effective coating structure enables high speed machining - Special post treatment for improved chipping resistance
	YG1001 P01 - P10 K10 - K25	 CVD TiCN - Al ₂ O ₃	Stable Machining of Cast Iron - Substrate especially designed for high wear resistance - Thick Al₂O₃ layer ensures good wear resistance at high cutting speeds including dry machining
	YG3010 P05 - P20 K15 - K35	 CVD TiCN - Al ₂ O ₃	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 - Al ₂ O ₃	Balanced Productivity for Continuous cut High wear resistance and improved toughness ensures high productivity with less trouble
	NEW YG3115 P15 - P25	 CVD MT-TiCN - Al ₂ O ₃	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

Turning Grades

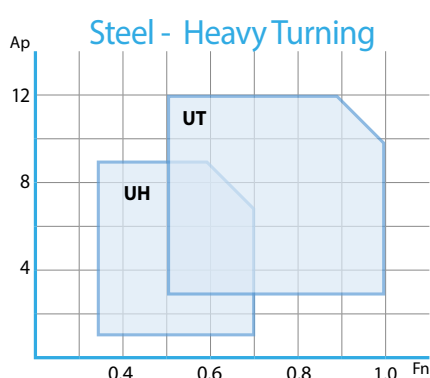
YG3020 P15 - P35		First Choice Grade for General Steel Application • Substrate especially designed for good toughness • Excellent surface smoothness increases wear resistance and reliability
YG3030 P20 - P35		Interrupted Cutting of Steel and Stainless steel • Substrate for heavy roughing in mild steel 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		for Carbon Steel with Low Cutting Speed • Recommended for mild steel and boring application • Substrate and special PVD coating for excellent wear resistance
NEW YG2025 M15 - M35		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
YG211 M05 - M25		High wear Resistance Grade for Stainless steel • Finishing Stainless steel
YG213 M20 - M35		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		Heavy Interrupted cut for Stainless steel • For Heavy Interrupted cut on Stainless steel • Minimize risk of Mechanical fracture or Chipping
YG401 S10 - S20		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
NEW YT100 P10 - P20 M10 - M20 K10 - K20		New Generation Cermet Grade • Enhanced wear resistance & chipping resistance • Excellent fracture resistance • Superior surface finish with special edge preparation
YG100 N05 - N25		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 Grade for General Aluminum • Substrate consisted of submicron carbide for high wear resistance • Shining surface to prevent built up edge

Turning Chipbreakers - Negative

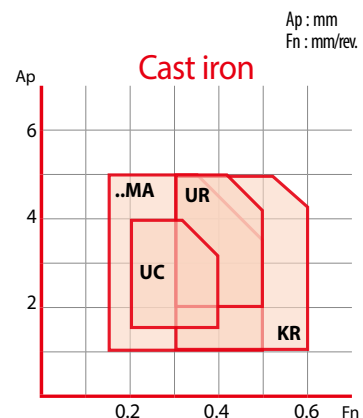
	P	M	K	N	S			Feed						Fn (mm/rev.)	
								0	0.1	0.2	0.3	0.4	0.5	0.6	
TURNING	P					UF	Finishing 			Fn 0.05~0.25 Ap 0.5~2.5					
	P					UL	Semi Finishing and sticky materials 			Fn 0.1~0.3 Ap 1.0~3.0					
	P					UM	Medium & Unstable conditions 			Fn 0.15~0.3 Ap 1.0~3.0					
	P					UG	First Choice for Medium (Stable conditions) 			Fn 0.2~0.4 Ap 1.5~3.0					
PARTING & GROOVING	P					PWM	Wiper-Medium 			Fn 0.1~0.5 Ap 0.5~3.5					
	P					UH	Low cutting force 							Fn 0.35~0.7 Ap 1.0~9.0	→
MILLING	P					UT	Heavy roughing 							Fn 0.5~1.0 Ap 3.0~12.0	→
	P					UC	Medium Roughing and First choice for Cast iron 			Fn 0.2~0.4 Ap 1.5~4.0					
DRILLING	P					UR	Roughing and Heavy interrupted cut 			Fn 0.3~0.5 Ap 2.0~5.0					
						..MA	Cast iron Heavy Roughing 			Fn 0.15~0.50 Ap 1.0~5.0					
	P														
TECHNICAL INFORMATION	P														
	P														



*Insert : CNMG120408



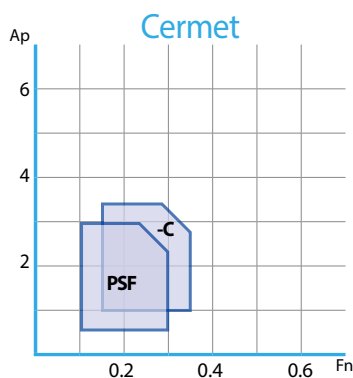
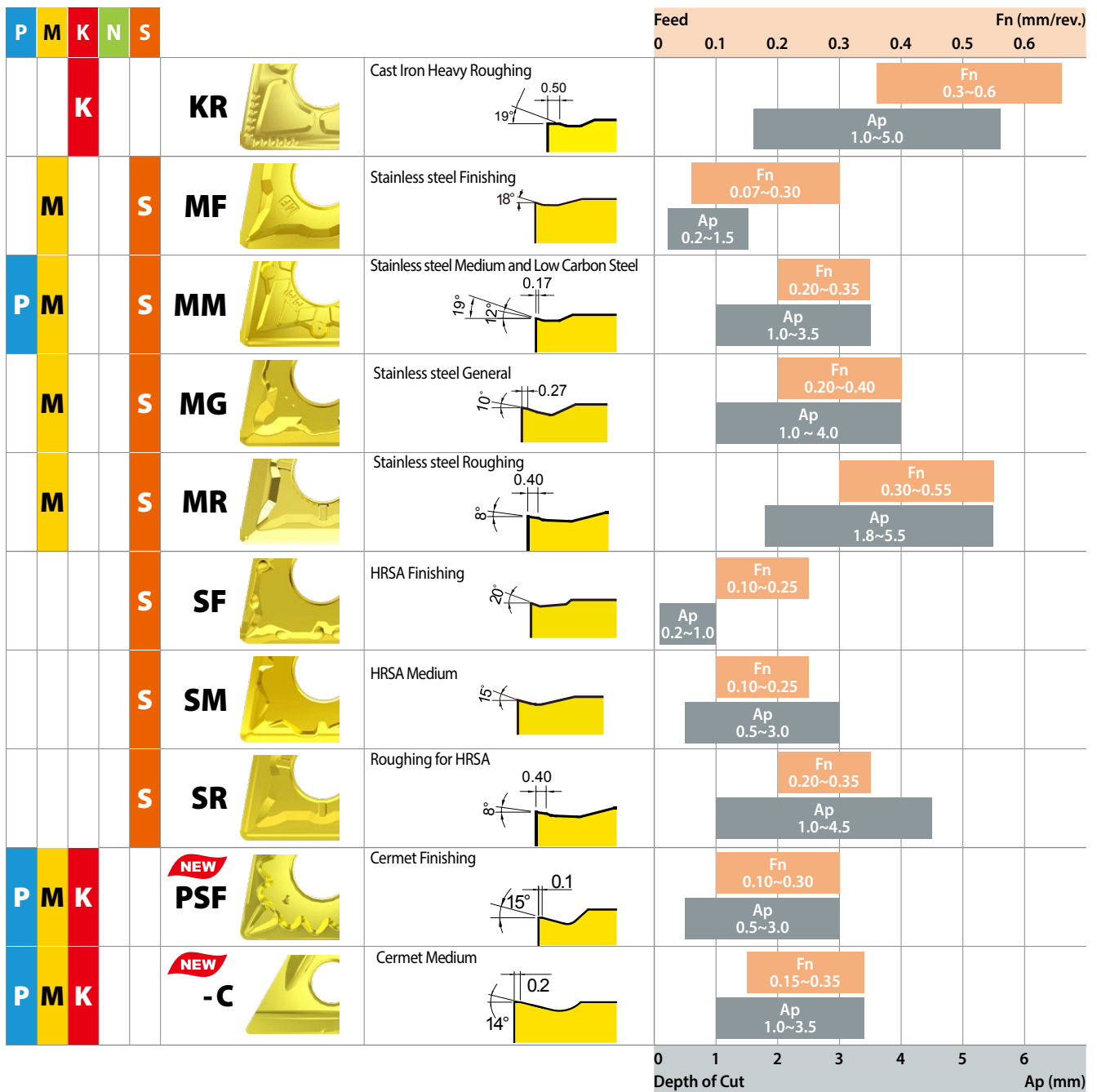
*Insert : CNMM190624



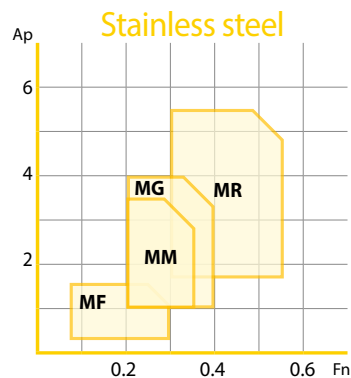
*Insert : CNMG120408

Product Overview

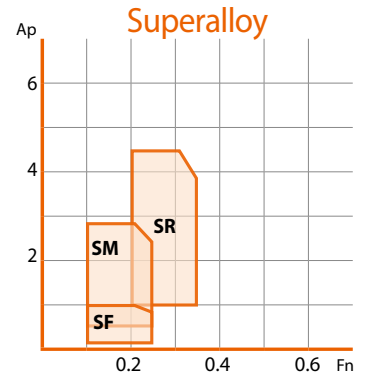
Turning Chipbreakers - Negative



*Insert : CNMG120408 / TNGG160408

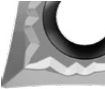
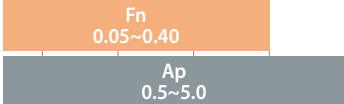
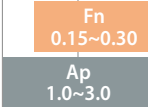
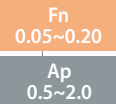
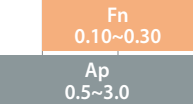
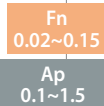
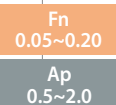


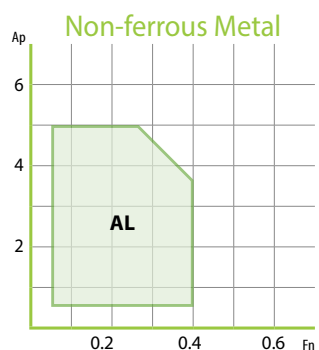
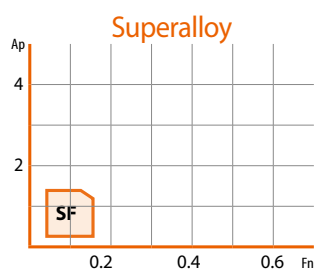
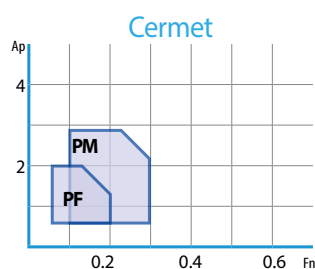
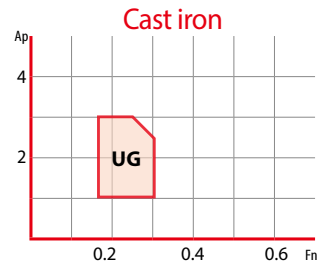
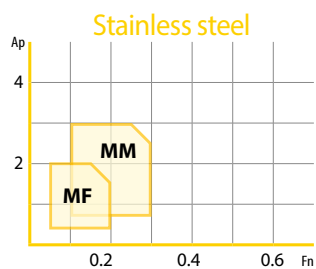
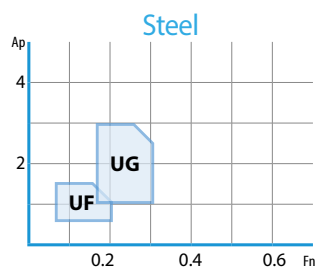
*Insert : CNMG120408



*Insert : CNMG120408

Turning Chipbreakers - Positive

P M K N S					Feed												Fn (mm/rev.)				
					0 0.1 0.2 0.3 0.4 0.5 0.6																
					AL		Aluminum application														
P	M				UF		Finishing application														
P		K			UG		Medium application														
	M				NEW MF		Stainless steel Finishing														
	M				NEW MM		Stainless steel Medium														
	M				NEW SF		HRSA Finishing														
P	M	K			NEW PF		Cermet Finishing														
P	M	K			NEW PM		Cermet Medium														
								0 1 2 3 4 5 6													
								Depth of Cut												Ap (mm)	



*Insert : CCMT09T308

Turning Inserts Overview

Negative Inserts

Recommended Cutting Conditions : p.222

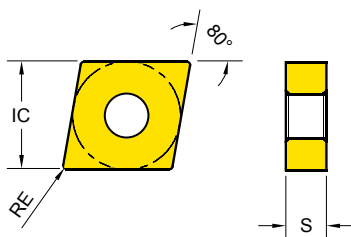
Shape	Series	Size & Thickness												Page
C		CNMA				1204				1606	1906			30
		CNMG	0903	0904		1204				1606	1906		2509	
		CNGG				1204								
		CNMM				1204				1606	1906		2509	
D		DNMA				1504	1506							35
		DNMG		1104		1504	1506							
		DNGG				1504	1506							
		DNMM					1506							
		DNMX				1504	1506							40
K		KNMX						1604						41
S		SNMA				1204	1506			1906				42
		SNMG	0903			1204				1906			2509	
		SNMM					1506			1906		2507	2509	
T		TNMA						1604						47
		TNMG						1604		2204				
		TNGG						1604						
		TNMX						1604						50
V		VNMA						1604						51
		VNMG						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				59
		DCMT		0702						11T3				
R		RCMT	0602		0803	10T3				1204				61
		RCMX										1606	2006	62
S		SCGT				09T3								63
		SCMT				09T3				1204				
T		TCGT						1102				16T3		64
		TCMT						1102				16T3		
V		VBGT / VBMT						1103				1604		66
		VCGT / VCMT						1103				1604		67

Turning Inserts - Negative

CNMA / CNMG (80° Rhombic)



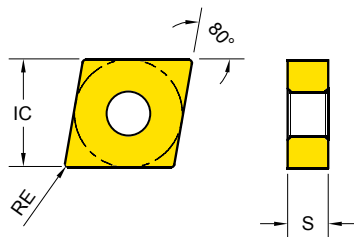
Series	IC	S
CN** 0903	9.525	3.18
CN** 0904	9.525	4.76
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35

EDP 2200..

● : Stock item ○ : Order made item

	CNMA CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15 M15 K15	N20	N20
						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
..MA  Cast iron		CNMA 120404	0.4	0.15~0.50	0.5~5.0	●	○	○													
		CNMA 120408	0.8	0.15~0.50	1.0~5.0	●	○	○													
		CNMA 120412	1.2	0.15~0.50	1.5~5.0	●	○	○													
		CNMA 120416	1.6	0.15~0.50	2.0~5.0	●	○	○													
		CNMA 160612	1.2	0.15~0.50	1.5~5.0	●	○	○													
		CNMA 160616	1.6	0.15~0.50	2.0~5.0	●	○	○													
		CNMA 190612	1.2	0.15~0.50	1.5~9.0	●	○	○													
		CNMA 190616	1.6	0.15~1.00	3.0~10.0	●	○	○													
-UF  Finishing		CNMG 120404 - UF	0.4	0.05~0.25	0.5~2.5			○		●	●	●	○								
		CNMG 120408 - UF	0.8	0.05~0.25	1.0~2.5			○		●	●	●									
		CNMG 120412 - UF	1.2	0.05~0.25	1.5~2.5			○		●	●	●									
								○		●	●	●									
-UL  Light Machining and Sticky Material		CNMG 090308 - UL	0.8	0.10~0.30	1.0~2.5			○		●	●	●									
		CNMG 090312 - UL	1.2	0.10~0.30	1.5~2.5			○		●	●	●									
		CNMG 090408 - UL	0.8	0.10~0.30	1.0~2.5			○		●	●	●									
		CNMG 090412 - UL	1.2	0.10~0.30	1.5~2.5			○		●	●	●									
		CNMG 120404 - UL	0.4	0.10~0.30	0.5~3.0			○		●	●	●									
		CNMG 120408 - UL	0.8	0.10~0.30	1.0~3.0			○		●	●	●									
		CNMG 120412 - UL	1.2	0.10~0.30	1.5~3.0			○		●	●	●									
								○		●	●	●									
-UM  Medium Machining Unstable condition		CNMG 120404 - UM	0.4	0.15~0.30	0.5~3.0		●	○													
		CNMG 120408 - UM	0.8	0.15~0.30	1.0~3.0	●	○	○	○												
		CNMG 120412 - UM	1.2	0.15~0.30	1.5~3.0		○	○													
							○	○													

Turning Inserts - Negative CNMG (80° Rhombic)



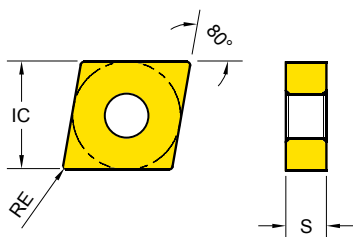
Series	IC	S
CN** 0903	9.525	3.18
CN** 0904	9.525	4.76
CN** 1204	12.700	4.76
CN** 1606	15.875	6.35
CN** 1906	19.050	6.35

EDP 2200..

● : Stock item ○ : Order made item

CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-UG  Medium Machining at stable condition	CNMG 120404-UG	0.4	0.20~0.40	0.5~3.0	●	○	○		●	●	●									
	CNMG 120408-UG	0.8	0.20~0.40	1.0~3.0	●	○	○		●	●	●	○								
	CNMG 120412-UG	1.2	0.20~0.40	1.5~3.0	●	○	○		●	●	●									
	CNMG 160608-UG	0.8	0.20~0.40	1.0~5.0	●	○	○		●	●	●									
	CNMG 160612-UG	1.2	0.20~0.40	1.5~5.0	●	○	○		●	●	●									
	CNMG 160616-UG	1.6	0.30~0.50	2.0~5.0	●	○	○		●	●	●									
	CNMG 190608-UG	0.8	0.20~0.60	1.0~6.0	●		○		●	●	●									
NEW -PWM  Wiper-Medium	CNMG 120404-PWM	0.4	0.10~0.50	0.5~3.5	●				●	●	●	○								
	CNMG 120408-PWM	0.8	0.10~0.50	0.8~3.5	●				●	●	●									
	CNMG 120412-PWM	1.2	0.10~0.50	1.0~3.5	●				●	●	●									
-UC  Cast iron and Medium roughing	CNMG 120404-UC	0.4	0.20~0.40	0.5~4.0	●	○	○		●	●	●									
	CNMG 120408-UC	0.8	0.20~0.40	1.0~4.0	●	○	○		●	●	●									
	CNMG 120412-UC	1.2	0.20~0.40	1.5~4.0	●	○	○		●	●	●									
-UR  Roughing	CNMG 120408-UR	0.8	0.30~0.50	1.0~5.0	●	○	○		●	●	●									
	CNMG 120412-UR	1.2	0.30~0.50	1.5~5.0	●	○	○		●	●	●	○								
	CNMG 120416-UR	1.6	0.30~0.50	2.0~5.0	●	○	○		●	●	●									
	CNMG 160608-UR	0.8	0.30~0.50	1.0~5.0	●	○	○		●	●	●									
	CNMG 160612-UR	1.2	0.30~0.50	1.5~5.0	●	○	○		●	●	●									
	CNMG 160616-UR	1.6	0.30~0.50	2.0~5.0	●	○	○		●	●	●									
	CNMG 190608-UR	0.8	0.30~0.80	3.0~9.0	●		○		●	●	●									
	CNMG 190612-UR	1.2	0.30~0.80	3.0~9.0	●	○	○		●	●	●									
	CNMG 190616-UR	1.6	0.30~0.80	3.0~9.0	●	○	○		●	●	●									
-KR  Cast Iron Heavy Roughing	CNMG 120408-KR	0.8	0.30~0.60	1.0~5.0	●	○	○		●	●	●									
	CNMG 120412-KR	1.2	0.30~0.60	1.5~5.0	●	○	○		●	●	●									
	CNMG 160612-KR	1.2	0.30~0.60	1.5~6.0	●		○		●	●	●									
	CNMG 160616-KR	1.6	0.30~0.60	2.0~6.0	●		○		●	●	●									
	CNMG 190612-KR	1.2	0.30~1.00	3.0~9.0	●				●	●	●									

Turning Inserts - Negative CNMG (80° Rhombic)



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

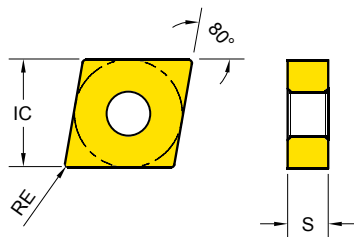
EDP 2200..

● : Stock item ○ : Order made item

CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					YG1010	K20	K30	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-MF  Stainless steel Finishing	CNMG 120404 - MF	0.4	0.07 ~ 0.3	0.2 ~ 1.5							○ 1185	○ 1237		● 2451	● 0609	● 0613	● 1708	○ 2271			
	CNMG 120408 - MF	0.8	0.07 ~ 0.3	0.2 ~ 1.5								○ 0652		● 2452	● 0538	● 0539	● 0627	○ 2272			
	CNMG 120412 - MF	1.2	0.07 ~ 0.3	0.2 ~ 1.5								○ 1025		● 2453			● 1139				
-MM  Stainless steel Medium	CNMG 120404 - MM	0.4	0.20 ~ 0.35	0.5 ~ 3.5											● 0547	● 0548	● 1709	○ 2286			
	CNMG 120408 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5							○ 0360	○ 0188			● 0494	● 0495	● 0607	○ 2287			
	CNMG 120412 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5								○ 0521			● 0549	● 0550	● 0626	○ 2288			
	CNMG 190608 - MM	0.8	0.20 ~ 0.50	2.0 ~ 5.5											● 1969	● 1970	● 1933				
	CNMG 190612 - MM	1.2	0.20 ~ 0.55	2.0 ~ 5.5											● 1971	● 1972	● 1934				
-MG  Stainless steel General	CNMG120404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0										● 2465							
	CNMG 120408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0								○ 1371		● 2468	● 1490	● 1491	● 1090	● 1222			
	CNMG 120412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0										● 2469	● 1493	● 1494	● 0928	● 1221			
	CNMG 160608 - MG	0.8	0.20 ~ 0.45	1.0 ~ 4.0											● 1921	● 1917	● 1919	● 1812			
	CNMG 160612 - MG	1.2	0.20 ~ 0.50	2.0 ~ 4.0											● 1922	● 1918	● 1920	● 1813			
	CNMG 160616 - MG	1.6	0.20 ~ 0.50	2.0 ~ 4.0											● 1929	● 1930	● 1535	● 1540			
	CNMG 190616 - MG	1.6	0.20 ~ 0.50	2.0 ~ 5.0											● 1931	● 1932	● 1534	● 1541			
-MR  Stainless steel Roughing	CNMG 120408 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5								○ 0594		● 0540	● 0541	● 0608					
	CNMG 120412 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5								○ 0839	○ 0840	● 2480	● 0610	● 0614	● 0628				
	CNMG 120416 - MR	1.6	0.30 ~ 0.55	2.0 ~ 5.5											● 1893	● 1894	● 1895				

Turning Inserts - Negative

CNGG / CNMG (80° Rhombic)



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

EDP 2200..

● : Stock item ○ : Order made item

	CNGG CNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
- SF  HRSA Finishing		CNGG 120401 - SF	0.1	0.05 ~ 0.30	0.1 ~ 3.0													● 1882			
		CNGG 120402 - SF	0.2	0.10 ~ 0.30	0.1 ~ 0.3													● 2097			
		CNGG 120404 - SF	0.4	0.10 ~ 0.30	0.2 ~ 0.3													● 1291			
		CNGG 120408 - SF	0.8	0.10 ~ 0.30	0.2 ~ 0.3													● 0943			
- SM  HRSA Medium		CNMG 120408 - SM	0.8	0.10 ~ 0.25	0.5 ~ 4.0										○ 1088	○ 1089	○ 1395	● 1189			
		CNMG 120412 - SM	1.2	0.10 ~ 0.25	0.5 ~ 4.0										○ 1373	○ 1394	○ 2305	○ 1292			
- SR  HRSA Roughing		CNMG 120408 - SR	0.8	0.10 ~ 0.40	0.5 ~ 4.0													● 0945			
		CNMG 120412 - SR	1.2	0.10 ~ 0.40	0.5 ~ 4.0													● 1279			
		CNMG 120416 - SR	1.6	0.10 ~ 0.40	0.5 ~ 4.0													● 1912			
NEW - PSF  Cermet Finishing		CNMG 120404 - PSF	0.4	0.07 ~ 0.30	0.4 ~ 3.0													● 2531			
		CNMG 120408 - PSF	0.8	0.10 ~ 0.30	0.6 ~ 3.0													● 2532			

TURNING

PARTING & GROOVING

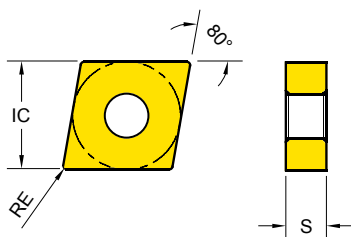
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative

CNMG / CNMM - Heavy Turning (80° Rhombic)



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

EDP 2200..

● : Stock item ○ : Order made item

						K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
CNMG CNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)		YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
NEW - UH  Low cutting force	CNMM 120408 - UH	0.8	0.30 ~ 0.50	1.5 ~ 5.0							● 2320	● 2321									
	CNMM 160612 - UH	1.2	0.35 ~ 0.60	2.0 ~ 5.5							● 2316	● 2317									
	CNMM 160616 - UH	1.6	0.35 ~ 0.60	2.5 ~ 5.5							● 2318	● 2319									
	CNMM 190612 - UH	1.2	0.35 ~ 0.70	1.5 ~ 9.0	● 2107		● 2108				● 2113	● 2114									
	CNMM 190616 - UH	1.6	0.35 ~ 0.70	2.0 ~ 9.0	● 2115		● 2116				● 2117	● 2118									
	CNMM 190624 - UH	2.4	0.35 ~ 0.70	3.0 ~ 9.0	● 2109		● 2110				● 2111	● 2112									
- UR  Roughing	CNMM 250924 - UH	2.4	0.40 ~ 0.80	3.0 ~ 10.0	● 2119		● 2120			● 2121	● 2122										
	CNMM 190616 - UR	1.6	0.30 ~ 0.80	3.0 ~ 9.0							● 0925	● 0926									
	CNMG 250924 - UR	2.4	0.40 ~ 1.00	5.0 ~ 12.0					● 2604		● 1687	● 1464									
NEW - UT  Heavy Roughing																					
	CNMM 120408 - UT	0.8	0.40 ~ 0.70	1.5 ~ 6.0							● 2322	● 2323									
	CNMM 160612 - UT	1.2	0.45 ~ 0.70	2.0 ~ 6.0							● 2335	● 2336									
	CNMM 160616 - UT	1.6	0.45 ~ 0.70	2.5 ~ 6.0							● 2324	● 2325									
	CNMM 190612 - UT	1.2	0.50 ~ 1.00	3.0 ~ 12.0	● 2139		● 2140				● 2141	● 2142									
	CNMM 190616 - UT	1.6	0.50 ~ 1.00	4.0 ~ 12.0	● 2143		● 2144				● 2145	● 2146									
	CNMM 190624 - UT	2.4	0.50 ~ 1.00	6.0 ~ 12.0	● 2147		● 2148				● 2149	● 2150									
CNMM 250924 - UT	2.4	0.55 ~ 1.20	6.0 ~ 13.0	● 2151		● 2152				● 2021	● 2022										

NEW

- UH



Low cutting force

- UR



Roughing

NEW

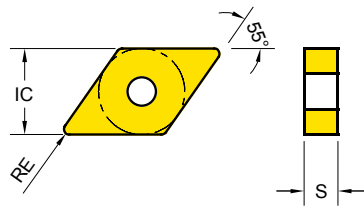
- UT



Heavy
Roughing

Turning Inserts - Negative

DNMA / DNMG (55° Rhombic)



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

EDP 2200..

● : Stock item ○ : Order made item

DNMA DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
..MA  Cast iron	DNMA 150404	0.4	0.10 ~ 0.50	0.5 ~ 5.0	● 1558	○ 1505	○ 1506													
	DNMA 150408	0.8	0.15 ~ 0.50	1.0 ~ 5.0	● 1559	○ 0573	○ 0574													
	DNMA 150412	1.2	0.15 ~ 0.50	1.5 ~ 5.0	● 1421	○ 0575	○ 0576													
	DNMA 150604	0.4	0.10 ~ 0.50	1.0 ~ 5.0	● 1581	○ 1445	○ 1447													
	DNMA 150608	0.8	0.15 ~ 0.50	1.0 ~ 5.0	● 1557	○ 0091	○ 1129													
	DNMA 150612	1.2	0.15 ~ 0.50	1.5 ~ 5.0	● 1422	○ 0092	○ 1130													
-UF  Finishing	DNMG 150404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.5			○ 0363		● 2220	● 0364	● 0365	○ 0016								
	DNMG 150408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.5			○ 0856	○ 1030	● 2221	● 0774	● 0857									
	DNMG 150412 - UF	1.2	0.05 ~ 0.25	1.5 ~ 2.5			○ 1450		● 2584	● 1368	● 1383									
	DNMG 150604 - UF	0.4	0.05 ~ 0.25	1.0 ~ 2.0			○ 0225		● 2398	● 0226	● 0227	○ 0018								
	DNMG 150608 - UF	0.8	0.05 ~ 0.25	1.5 ~ 3.5			○ 0231		● 2419	● 0232	● 0233									
	DNMG 150612 - UF	1.2	0.05 ~ 0.25	1.5 ~ 2.5			○ 1385		● 2610	● 1369	● 1386									
-UL  Light Machining and Sticky Material	DNMG 110404 - UL	0.4	0.10 ~ 0.3	0.5 ~ 2.5			○ 1239		● 2606	● 1240	● 1241									
	DNMG 110408 - UL	0.8	0.10 ~ 0.3	1.0 ~ 2.5			○ 1242		● 2607	● 1243	● 1244									
	DNMG 150404 - UL	0.4	0.10 ~ 0.3	0.5 ~ 3.0			○ 0686		● 2444	● 0687	● 0708									
	DNMG 150408 - UL	0.8	0.10 ~ 0.3	1.0 ~ 3.0			○ 0489	○ 1028	● 2337	● 0504	● 0505									
	DNMG 150412 - UL	1.2	0.10 ~ 0.3	1.5 ~ 3.0			○ 0709	○ 1029	● 2314	● 1108	● 1109									
	DNMG 150604 - UL	0.4	0.10 ~ 0.3	0.5 ~ 3.0			○ 0369		● 2404	● 0370	● 1110									
	DNMG 150608 - UL	0.8	0.10 ~ 0.3	1.5 ~ 3.0			○ 0237		● 2214	● 0238	● 0239									
	DNMG 150612 - UL	1.2	0.10 ~ 0.3	1.5 ~ 3.0			○ 0246		● 2611	● 0247	● 0248									

TURNING

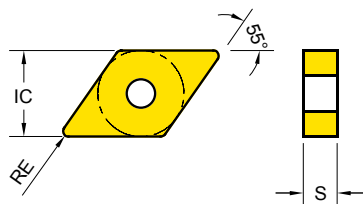
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative DNMG (55° Rhombic)



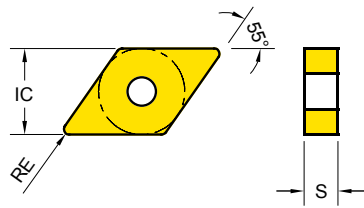
Series	IC	S
DN** 1104	9.525	4.76
DN** 1504	12.700	4.76
DN** 1506	12.700	6.35

EDP 2200..

● : Stock item ○ : Order made item

DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-UM  Medium Machining Unstable condition	DNMG 150404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0	○ 1672	○	○ 1702	●	●	●	●									
	DNMG 150408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0	○	○ 1106	○ 0688	●	●	●	●									
	DNMG 150412 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0	○	○ 0604	○ 0512	●	●	●	●									
	DNMG 150604 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0	○	○ 1408	○ 1436	●	●	●	●									
	DNMG 150608 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0	○	○ 1128	○ 0240	●	●	●	●									
	DNMG 150612 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0	○	○ 1149	○ 1132	●	●	●	●									
-UG  Medium Machining at stable condition	DNMG 150404 - UG	0.4	0.20 ~ 0.40	0.5 ~ 3.0	● 1618	○	○ 1131	●	●	●	●									
	DNMG 150408 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0	●	○ 1608	○ 0452	○ 0366	●	●	●	○ 0017								
	DNMG 150412 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0	●	○ 1514	○ 0703	○ 1107	●	●	●									
	DNMG 150604 - UG	0.4	0.20 ~ 0.40	0.5 ~ 3.0	●	○ 1619	○ 0228	○	●	●	●									
	DNMG 150608 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0	●	○ 1609	○ 0453	○ 0234	●	●	●	○ 0019								
	DNMG 150612 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0	●	○ 1511	○ 0454	○ 0243	●	●	●									
-UC  Cast iron and Medium roughing	DNMG 150408 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	●	○ 1611	○ 0577	○ 0578	○ 1273	●	●	●								
	DNMG 150412 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	●	○ 1512	○ 0579	○ 0580	○	●	●	●								
	DNMG 150608 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0	●	○ 0898	○ 0090	○ 0121	○ 1272	●	●	●								
	DNMG 150612 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0	●	○ 1509	○ 0098	○ 0123	○	●	●	●								
-UR  Roughing	DNMG 150408 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	●	○ 1621	○ 1095	○ 0585	○	●	●	●								
	DNMG 150412 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	●	○ 1513	○ 1127	○ 0581	○	●	●	●								
	DNMG 150608 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	●	○ 1622	○ 0691	○ 0692	○	●	●	●								
	DNMG 150612 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0	●	○ 1510	○ 1258	○ 0371	○	●	●	●	○ 0020							

Turning Inserts - Negative DNMG (55° Rhombic)



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

EDP 2200..

● : Stock item ○ : Order made item

	DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
						YG1010	K20	K30	YG3010	YG3015	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-MF	 Stainless steel Finishing	DNMG 150404 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5									●	●	●	●	○			
		DNMG 150408 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5							○	0807	2454	0848	0771	1815	2273			
		DNMG 150604 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5									●	●	●	●	○			
		DNMG 150608 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5						○	0813	2457	0812	0859	1820	2275				
-MM	 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		●	●	●	○			
-MG	 Stainless steel General	DNMG 150404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0									●							
		DNMG 150408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0									●	●	●	●	●			
		DNMG 150412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0									●							
		DNMG 150604 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0									●							
		DNMG 150608 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0									●	●	●	●	●			
		DNMG 150612 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0									●							
-MR	 Stainless steel Roughing	DNMG 150408 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5							○	1036	2492	0914	0808	0809				
		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	2481	0860	0814	0815				
		DNMG 150612 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5										●	●	●				

TURNING

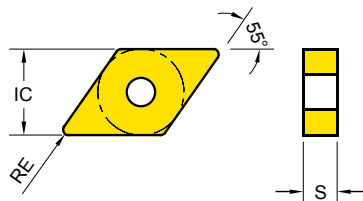
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

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



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

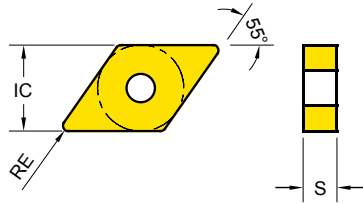
EDP 2200..

● : Stock item ○ : Order made item

	DNGG DNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-SF	 HRSA Finishing	DNGG 150404 - SF	0.4	0.10~0.30	0.2~3.0													●			
		DNGG 150408 - SF	0.8	0.10~0.30	0.5~3.0													●			
		DNGG 150604 - SF	0.4	0.10~0.30	0.2~3.0													●			
		DNGG 150608 - SF	0.8	0.10~0.30	0.5~3.0													●			
-SM	 HRSA Medium	DNMG 150408 - SM	0.8	0.10~0.25	0.5~4.0											○	○	○	●		
		DNMG 150412 - SM	1.2	0.10~0.25	0.5~4.0											○	○	○	●		
		DNMG 150608 - SM	0.8	0.10~0.25	0.5~4.0											○	○	○	●		
		DNMG 150612 - SM	1.2	0.10~0.25	0.5~4.0											○	○	○	●		
-SR	 HRSA Roughing	DNMG 150408 - SR	0.8	0.10~0.40	0.5~4.0													●			
		DNMG 150412 - SR	1.2	0.10~0.40	0.5~4.0													●			
		DNMG 150608 - SR	0.8	0.10~0.40	0.5~4.0													●			
		DNMG 150612 - SR	1.2	0.10~0.40	0.5~4.0													●			
-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													●			

Turning Inserts - Negative

DNMM - Heavy Turning (55° Rhombic)



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

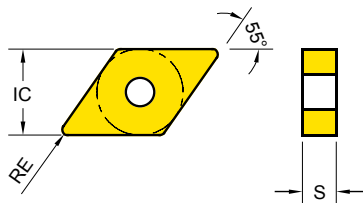
EDP 2200..

● : Stock item ○ : Order made item

DNMM	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
NEW -UH  Low cutting force	DNMM 150612 - UH	1.2	0.30 ~ 0.50	2.0 ~ 7.0						● 2327	● 2328									
NEW -UT  Heavy Roughing	DNMM 150612 - UT	1.2	0.30 ~ 0.50	2.0 ~ 7.0						● 2329	● 2330									

Turning Inserts - Negative

DNUX (4 Corners 55° Rhombic)



Series	IC	S
DNUX 1504	12.7	4.76
DNUX 1506	12.7	6.35

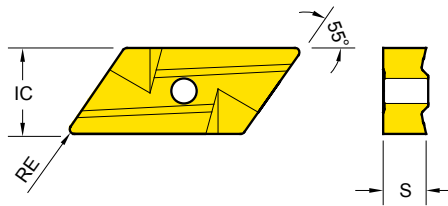
EDP 2200..

● : Stock item ○ : Order made item

					K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					K20	K30	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
DNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
NEW ..UX  Left Hand Shown	DNUX 150404 L	0.4	0.10 ~ 0.35	0.7 ~ 4.0			○ 1874		● 2613	● 1872	● 1875										
	DNUX 150408 L	0.8	0.10 ~ 0.35	1.0 ~ 4.0			○ 1876		● 2615	● 1877	● 1878										
	DNUX 150604 L	0.4	0.10 ~ 0.35	0.7 ~ 4.0			○ 1873		● 2617	● 1869	● 1870				● 1327	● 1321					
	DNUX 150608 L	0.8	0.10 ~ 0.35	1.0 ~ 4.0			○ 1879		● 2619	● 1871	● 1880										
NEW ..UX  Right Hand Shown	DNUX 150404 R	0.4	0.10 ~ 0.35	0.7 ~ 4.0			○ 1628		● 2614	● 1555	● 1629										
	DNUX 150408 R	0.8	0.10 ~ 0.35	1.0 ~ 4.0			○ 1630		● 2616	● 1631	● 1632										
	DNUX 150604 R	0.4	0.10 ~ 0.35	0.7 ~ 4.0			○ 1625		● 2618	● 1322	● 1323						● 2052				
	DNUX 150608 R	0.8	0.10 ~ 0.35	1.0 ~ 4.0			○ 1633		● 2620	● 1546	● 1634			● 1948	● 1547		● 1574				

Turning Inserts - Negative

KNUX (2 Corners 55° Rhombic)



Series	IC	S
KN** 1604	9.525	4.76

EDP 2200..

● : Stock item ○ : Order made item

KNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					YG1010	K20	K30	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
..UX  Left Hand Shown	KNUX 160405 L	0.5	0.10 ~ 0.40	0.5 ~ 6.0				○ 0249		● 2621	● 0250	● 0251	● 0079								
	KNUX 160410 L	1.0	0.30 ~ 0.60	1.0 ~ 6.0				○ 1785		● 2622	● 1786	● 1315									
..UX  Right Hand Shown	KNUX 160405 R	0.5	0.10 ~ 0.40	0.5 ~ 6.0				○ 0252		● 2408	● 0253	● 0254	○ 0080								
	KNUX 160410 R	1.0	0.30 ~ 0.60	1.0 ~ 6.0				○ 1358		● 2623	● 1155	● 1156									

TURNING

PARTING & GROOVING

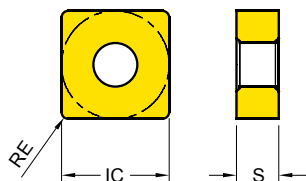
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative

SNMA / SNMG (90° Square)



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

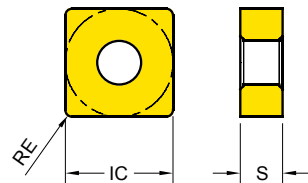
EDP 2200..

● : Stock item ○ : Order made item

					K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					K20	K30										S30		K15			
SNMA	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
..MA  Cast iron	SNMA 120408	0.8	0.15 ~ 0.50	1.0 ~ 5.0	● 0767	○ 0027	○ 1166														
	SNMA 120412	1.2	0.15 ~ 0.50	1.5 ~ 5.0	● 0768	○ 0028	○ 1133														
	SNMA 120416	1.2	0.15~0.70	1.0~6.0	● 2023																
	SNMA 150612	1.2	0.15 ~ 0.50	1.5 ~ 5.0	● 1423	○ 0729	○ 1150														
	SNMA 190616	1.6	0.15 ~ 1.00	3.0 ~ 10.0	● 1344	○ 1184	○ 1261														
-UF  Finishing	SNMG 090308 - UF	0.8	0.05~0.20	1.0~2.0					● 2630	● 0999											
	SNMG 120404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 1.5		○ 1458	○ 2631		● 2631	● 1459	● 1454	○ 0029									
	SNMG 120408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.5		○ 1430	○ 2633		● 2633	● 1433	● 1437										
-UL  Light Machining and Sticky Material	SNMG 120404 - UL	0.4	0.10 ~ 0.30	0.5 ~ 3.0		○ 1167	○ 2632		● 2632	● 0747	● 1194										
	SNMG 120408 - UL	0.8	0.10 ~ 0.30	1.0 ~ 3.0		○ 0389	○ 2634		● 2634	● 0390	● 0391										
-UM  Medium Machining Unstable condition	SNMG 120408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0		○ 0983	○ 0739		● 2635	● 0784	● 0740										

Turning Inserts - Negative

SNMG (90° Square)



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

EDP 2200..

● : Stock item ○ : Order made item

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

TURNING

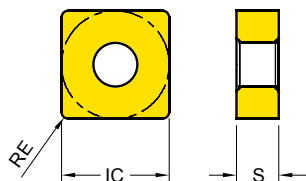
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative SNMG (90° Square)



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

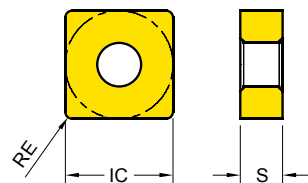
EDP 2200..

● : Stock item ○ : Order made item

	SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
TURNING	-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						○			●	●	●	○			
PARTING & GROOVING	-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										●	●	○			
																●	●	○			
MILLING	-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								●							
DRILLING	-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								●							
TECHNICAL INFORMATION																					

Turning Inserts - Negative

SNMG (90° Square)



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

EDP 2200..

● : Stock item ○ : Order made item

	SNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-SM		SNMG 090304 - SM	0.4	0.08 ~ 0.20	0.5 ~ 3.0											○ 2434		● 2435			
		SNMG 120408 - SM	0.8	0.10 ~ 0.25	0.5 ~ 4.0											○ 1801	○ 1802	○ 1803	● 1696		
-SR		SNMG 120408 - SR	0.8	0.10 ~ 0.40	0.5 ~ 4.0													● 1305			
		SNMG 120412 - SR	1.2	0.10 ~ 0.40	0.5 ~ 4.0													● 1304			

HRSA Medium

HRSA Roughing

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative

SNMG / SNMM - Heavy Turning (90° Square)

TURNING

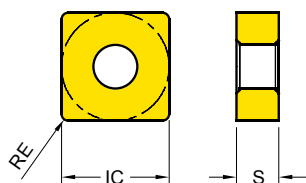
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

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



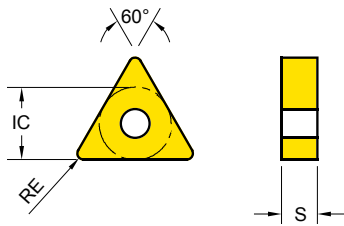
EDP 2200..

●: Stock item ○: Order made item

					K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
SNMG SNMM					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
NEW -UH  Low cutting force	SNMM 150612 - UH	1.2	0.35 ~ 0.60	2.0 ~ 5.5						● 2331	● 2332									
	SNMM 190612 - UH	1.2	0.35 ~ 0.70	1.5 ~ 9.0	● 2123		● 2124			● 2125	● 2126									
	SNMM 190616 - UH	1.6	0.35 ~ 0.70	2.0 ~ 9.0	● 2127		● 2128			● 2129	● 2130									
	SNMM 190624 - UH	2.4	0.35 ~ 0.70	3.0 ~ 9.0	● 2131		● 2132			● 2133	● 2134									
	SNMM 250924 - UH	2.4	0.40 ~ 0.80	3.0 ~ 10.0	● 2135		● 2136			● 2137	● 2138									
-UR  Roughing	SNMG 250924 - UR	2.4	0.40 ~ 1.00	5.0 ~ 12.0						● 1370	● 1366									
NEW -UT  Heavy Roughing	SNMM 150612 - UT	1.2	0.45 ~ 0.70	2.0 ~ 6.0						● 2333	● 2334									
	SNMM 190612 - UT	1.2	0.50 ~ 1.00	3.0 ~ 12.0	● 2153		● 2154			● 2155	● 2156									
	SNMM 190616 - UT	1.6	0.50 ~ 1.00	4.0 ~ 12.0	● 2157		● 2158			● 2159	● 2160									
	SNMM 190624 - UT	2.4	0.50 ~ 1.00	6.0 ~ 12.0	● 2161		● 2018			● 2162	● 2163									
	SNMM 250724 - UT	2.4	0.55 ~ 1.20	6.0 ~ 13.0			● 1255			● 0841	● 0842									
	SNMM 250924 - UT	2.4	0.55 ~ 1.20	6.0 ~ 13.0	● 2164		● 1626			● 1627	● 1213									

Turning Inserts - Negative

TNMA / TNMG (60° Triangle)



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

EDP 2200..

● : Stock item ○ : Order made item

TNMA TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
..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	1448													
	TNMA 160412	1.2	0.15 ~ 0.50	1.5 ~ 5.0	1486	0035	1191													
-UF  Finishing	TNMG 160404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.5			○		●	●	●	○								
	TNMG 160408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.5			○		○	○	○									
	TNMG 160412 - UF	1.2	0.05 ~ 0.25	1.5 ~ 2.5			○		○	○	○									
	TNMG 220404 - UF	0.4	0.10 ~ 0.35	0.5 ~ 4.0			○		○	○	○									
-UL  Light Machining and Sticky Material	TNMG 160404 - UL	0.4	0.10 ~ 0.30	0.5 ~ 3.0			○		○	○	○									
	TNMG 160408 - UL	0.8	0.10 ~ 0.30	1.0 ~ 3.0			○		○	○	○									
	TNMG 160412 - UL	1.2	0.10 ~ 0.30	1.5 ~ 3.0			○		○	○	○									
-UM  Medium Machining Unstable condition	TNMG 160404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0			○		○	○	○									
	TNMG 160408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0			○		○	○	○									
	TNMG 160412 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0			○		○	○	○									
-UG  Medium Machining at stable condition	TNMG 160404 - UG	0.4	0.20 ~ 0.40	0.5 ~ 3.0			○		○	○	○									
	TNMG 160408 - UG	0.8	0.20 ~ 0.40	1.0 ~ 3.0			○		○	○	○									
	TNMG 160412 - UG	1.2	0.20 ~ 0.40	1.5 ~ 3.0			○		○	○	○									
	TNMG 220408 - UG	0.8	0.25 ~ 0.60	1.0 ~ 6.0			○		○	○	○									
	TNMG 220412 - UG	1.2	0.25 ~ 0.60	1.5 ~ 6.0			○		○	○	○									
	TNMG 220416 - UG	1.6	0.25 ~ 0.60	2.0 ~ 6.0			○		○	○	○									
-UC  Cast iron and Medium roughing	TNMG 160404 - UC	0.4	0.20 ~ 0.40	0.5 ~ 4.0			○		○	○	○									
	TNMG 160408 - UC	0.8	0.20 ~ 0.40	1.0 ~ 4.0			○		○	○	○									
	TNMG 160412 - UC	1.2	0.20 ~ 0.40	1.5 ~ 4.0			○		○	○	○									
	TNMG 220416 - UC	1.6	0.20 ~ 0.40	2.0 ~ 4.0			○		○	○	○									
-UR  Roughing	TNMG 160408 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0			○		○	○	○									
	TNMG 160412 - UR	1.2	0.30 ~ 0.50	1.5 ~ 5.0			○		○	○	○									
	TNMG 220412 - UR	1.2	0.30 ~ 0.65	1.5 ~ 7.0			○		○	○	○									
	TNMG 220416 - UR	1.6	0.30 ~ 0.65	2.0 ~ 7.0			○		○	○	○									

TURNING

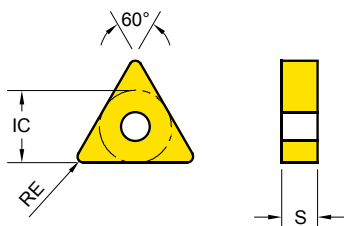
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative TNMG (60° Triangle)



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

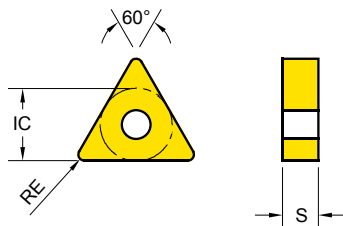
EDP 2200..

● : Stock item ○ : Order made item

						K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20	
TNMG						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
-MF	 Stainless steel Finishing	TNMG 160404 - MF	0.4	0.07 ~ 0.3	0.2 ~ 1.5										●	●	●	○				
		TNMG 160408 - MF	0.8	0.07 ~ 0.3	0.2 ~ 1.5						○				●	●	●	○				
											0963				2458	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											●	●	●	○			
		TNMG 160412 - MM	1.2	0.20 ~ 0.35	1.5 ~ 3.5											●	●	●	○			
-MG	 Stainless steel General	TNMG 160404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0									●	●	●	●	●				
		TNMG 160408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0										●	●	●	●	●			
		TNMG 160412 - MG	1.2	0.20 ~ 0.50	2.0 ~ 4.0										●	●	●	●	●			
-MR	 Stainless steel Roughing	TNMG 160408 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5						○			●	●	●	●					
		TNMG 160412 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5							○			●	●	●	●				
												1062			2494	0995	0827	0828				

Turning Inserts - Negative

TNGG / TNMG (60° Triangle)



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

EDP 2200..

● : Stock item ○ : Order made item

TNGG TNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-SF  Stainless steel Finishing	TNMG 160408 - SF	0.8	0.10 ~ 0.25	0.5 ~ 3.0													● 1427			
-SM  Stainless steel Medium	TNMG 160408 - SM	0.8	0.10 ~ 0.25	0.5 ~ 4.0										○ 1575	○ 1576	○ 1577	● 1228			
	TNMG 160412 - SM	1.2	0.10 ~ 0.25	0.5 ~ 4.0										○ 1635	○ 1636	○ 1858	● 1508			
-SR  HRSA Roughing	TNMG 160408 - SR	0.8	0.10 ~ 0.40	0.5 ~ 4.0													● 1307			
	TNMG 160412 - SR	1.2	0.10 ~ 0.40	0.5 ~ 4.0													● 1306			
NEW -PSF  Cermet Finishing	TNMG 160404 - PSF	0.4	0.07 ~ 0.30	0.4 ~ 2.5													● 2535			
	TNMG 160408 - PSF	0.8	0.10 ~ 0.30	0.6 ~ 2.5													● 2536			
NEW -C  Cermet Medium Left Hand Shown	TNGG 160402L - C	0.2	0.10 ~ 0.30	0.8 ~ 3.5													○ 2524			
	TNGG 160404L - C	0.4	0.12 ~ 0.30	1.0 ~ 3.5													○ 2526			
	TNGG 160408L - C	0.8	0.05 ~ 0.35	1.0 ~ 3.5													○ 2528			
NEW -C  Cermet Medium Right Hand Shown	TNGG 160402R - C	0.2	0.10 ~ 0.30	0.8 ~ 3.5													○ 2525			
	TNGG 160404R - C	0.4	0.12 ~ 0.30	1.0 ~ 3.5													○ 2527			
	TNGG 160408R - C	0.8	0.05 ~ 0.35	1.0 ~ 3.5													○ 2529			

TURNING

PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative TNUX (60° Triangle)

TURNING

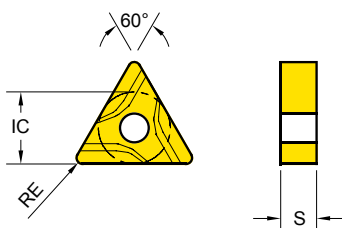
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Series	IC	S
TN** 1604	9.525	4.76



EDP 2200..

● : Stock item ○ : Order made item

TNUX	Designation	RE	Fn (mm/rev.)	Ap (mm)	EDP 2200..															
					K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	N20	N20
..UX	TNUX 160404 L	0.4	0.10~0.30	0.5~4.0	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
	TNUX 160408 L	0.8	0.10~0.40	1.0~5.0			○ 0412		● 2425	● 0413	● 1264	○ 0043			○ 0731					
..UX	TNUX 160404 R	0.4	0.10~0.30	0.5~4.0			○ 0288		● 2390	● 0289	● 0290	● 0044								
	TNUX 160408 R	0.8	0.10~0.40	1.0~5.0			○ 0291		● 2354	● 0292	● 0293	● 0046								



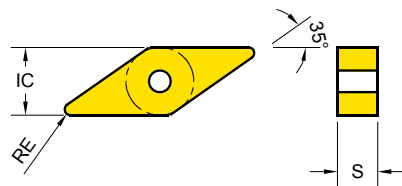
Left Hand Shown



Right Hand Shown

Turning Inserts - Negative

VNMA / VNMG (35° Rhombic)



Series	IC	S
VN** 1604	9.525	4.76

EDP 2200..

● : Stock item ○ : Order made item

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

TURNING

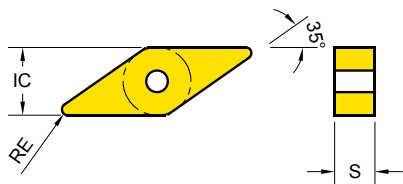
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative VNMG (35° Rhombic)



Series	IC	S
VN** 1604	9.525	4.76

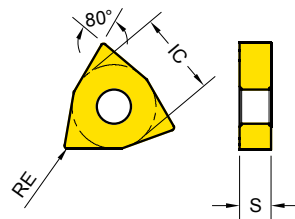
EDP 2200..

● : Stock item ○ : Order made item

					K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20	
VNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
-MF  Stainless steel Finishing	VNMG 160404 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5										●	●	●	○				
	VNMG 160408 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5							○			●	●	●	○				
											0830			2464	0829	0947	2283	2099			
-MM  Stainless steel Medium	VNMG 160404 - MM	0.4	0.20 ~ 0.35	0.5 ~ 3.5										●	●	●	○				
	VNMG 160408 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5											0661	0662	1792	2298			
															0663	0664	1793	2299			
-MG  Stainless steel Genera	VNMG 160404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0									●								
	VNMG 160408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0										●							
		VNMG 160412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0									●							
-MR  Stainless steel Roughing	VNMG 160408 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5							○		●	●	●	●					
											0832			2500	1020	0831	2304				
-SR  HRSA Medium	VNMG 160408 - SR	0.8	0.10 ~ 0.40	0.5 ~ 4.0													●				
																		1449			
NEW -PSF  Cermet Finishing	VNMG 160404 - PSF	0.4	0.07 ~ 0.30	0.3 ~ 2.0														●			
	VNMG 160408 - PSF	0.8	0.10 ~ 0.30	0.5 ~ 2.0															●		
																				2538	

Turning Inserts - Negative

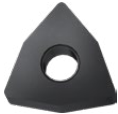
WNMA / WNMG (80° Trigon)



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

EDP 2200..

● : Stock item ○ : Order made item

WNMA WNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
..MA  Cast iron	WNMA 080404	0.4	0.15 ~ 0.50	0.5 ~ 5.0	●	○	○													
	WNMA 080408	0.8	0.15 ~ 0.50	1.0 ~ 5.0	●	○	○													
	WNMA 080412	1.2	0.15 ~ 0.50	1.5 ~ 5.0	●	○	○													
-UF  Finishing	WNMG 060404 - UF	0.4	0.05 ~ 0.20	0.5 ~ 2.0			○		●	●	●	○								
	WNMG 080404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.5			○		●	●	●	○								
	WNMG 080408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.5			○		●	●	●									
	WNMG 080412 - UF	1.2	0.05 ~ 0.25	1.5 ~ 2.5			○		●	●	●									
-UL  Light Machining and Sticky Material	WNMG 060408 - UL	0.8	0.10 ~ 0.30	1.0 ~ 2.5			○		●	●	●									
	WNMG 080404 - UL	0.4	0.10 ~ 0.30	0.5 ~ 3.0			○		●	●	●									
	WNMG 080408 - UL	0.8	0.10 ~ 0.30	1.0 ~ 3.0			○		●	●	●									
	WNMG 080412 - UL	1.2	0.10 ~ 0.30	1.5 ~ 3.0			○		●	●	●									
-UM  Medium Machining Unstable condition	WNMG 060404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 2.5	○	○	○		●	●	●									
	WNMG 060408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 2.5	○	○	○		●	●	●									
	WNMG 080404 - UM	0.4	0.15 ~ 0.30	0.5 ~ 3.0		○	○		●	●	●									
	WNMG 080408 - UM	0.8	0.15 ~ 0.30	1.0 ~ 3.0		○	○		●	●	●									
	WNMG 080412 - UM	1.2	0.15 ~ 0.30	1.5 ~ 3.0		○	○		●	●	●									
	WNMG 080416 - UM	1.6	0.15 ~ 0.30	2.0 ~ 3.0		○	○		●	●	●									

TURNING

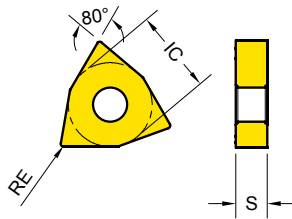
PARTING & GROOVING

MILLING

DRILLING

TECHNICAL INFORMATION

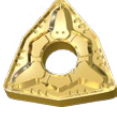
Turning Inserts - Negative WNMG (80° Trigon)



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

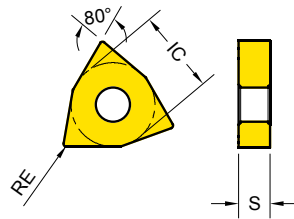
EDP 2200..

● : Stock item ○ : Order made item

	WNMG	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
						YG1010	K20	K30	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
TURNING	-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	1649	0697	1047		2428	0438	0874	0059								
			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	0908	0463	0147	0582	2194	0148	0149	0056								
			WNMG 080416 - UG	1.6	0.20 ~ 0.40	2.0 ~ 4.0	0910	0466	0503	0648	2167	0490	0941									
MILLING	-PWM	 Wiper-Medium	WNMG 080408 - PWM	0.8	0.10 ~ 0.50	0.8 ~ 3.5	1643	1233	1056	0764	2575	0583	1238									
											2706											
DRILLING	-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	1444	0095	0875		2421	0876	0724									
			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	0906	0097	0133		2367	0110	0134									
			WNMG 080416 - UC	1.6	0.20 ~ 0.40	2.0 ~ 4.0	0907	0077	0135	0733	2186	0111	0136									
TECHNICAL INFORMATION	-UR	 Roughing	WNMG 060412 - UR	1.2	0.30 ~ 0.50	1.5 ~ 4.0	●	○	○		●	●	●									
			WNMG 080408 - UR	0.8	0.30 ~ 0.50	1.0 ~ 5.0	1317	1066	1057		2702	1058	1060									
			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	1613	0464	0465		2353	0471	0472									
							1614	0467	0442	0631	2184	0443	0444	0057								
	-KR	 Cast Iron Heavy Roughing	WNMG 080408 - KR	0.8	0.30 ~ 0.60	1.0 ~ 5.0	●	○	○		●											
			WNMG 080412 - KR	1.2	0.30 ~ 0.60	1.5 ~ 5.0	0932	0720	1038		2705											
							●	○	○		●											
							0933	0522	0542		2707											

Turning Inserts - Negative

WNMG (80° Trigon)



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

EDP 2200..

● : Stock item ○ : Order made item

WNGM	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-MF  Stainless steel Finishing	WNMG 060404 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5			○ 0833				○ 0996		● 2461	● 1215	● 1217	● 2284	○ 2279			
	WNMG 060408 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5										● 1216	● 1218	● 2285	○ 2280			
	WNMG 080404 - MF	0.4	0.07 ~ 0.30	0.2 ~ 1.5						○ 0834			● 2462	● 0667	● 0668	● 0970	○ 2281			
	WNMG 080408 - MF	0.8	0.07 ~ 0.30	0.2 ~ 1.5						○ 1098			● 2463	● 0617	● 0618	● 2268	○ 2282			
-MM  Stainless steel Medium	WNMG 080404 - MM	0.4	0.20 ~ 0.35	0.5 ~ 3.5							○ 0491			● 0571	● 0572	● 2300	○ 2301			
	WNMG 080408 - MM	0.8	0.20 ~ 0.35	1.0 ~ 3.5										● 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							
	WNMG 060408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 3.0									● 2476							
	WNMG 060412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 3.0									● 2477							
	WNMG 080404 - MG	0.4	0.20 ~ 0.40	0.5 ~ 4.0									● 2488							
	WNMG 080408 - MG	0.8	0.20 ~ 0.40	1.0 ~ 4.0									● 2478	● 1496	● 1497	● 1160	● 1498			
	WNMG 080412 - MG	1.2	0.20 ~ 0.40	1.5 ~ 4.0									● 2479	● 1499	● 1500	● 1161	● 1501			
-MR  Stainless steel Roughing	WNMG 060412 - MR	1.2	0.30 ~ 0.55	1.2 ~ 4.0						○ 1154			● 2498	● 0616	● 1787	● 1896				
	WNMG 080408 - MR	0.8	0.30 ~ 0.55	2.0 ~ 5.5						○ 1099			● 2499	● 0619	● 0620	● 0835				
	WNMG 080412 - MR	1.2	0.30 ~ 0.55	2.0 ~ 5.5						○ 0837			● 2482	● 0665	● 0666	● 0836				

TURNING

PARTING & GROOVING

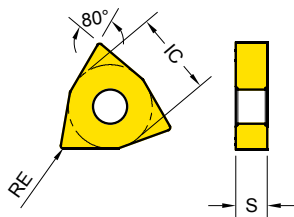
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Negative

WNGG / WNMG (80° Trigon)



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

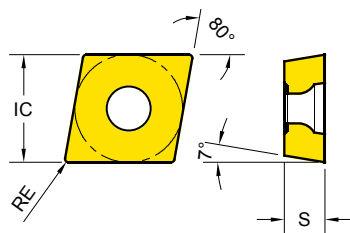
EDP 2200..

● : Stock item ○ : Order made item

					K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20		
WNGG WNMG					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10		
-SF		HRSA Finishing	WNGG 080408 - SF	0.8	0.10 ~ 0.25	0.50 ~ 3.00											● 1308					
-SM		HRSA Medium	WNMG 080408 - SM	0.8	0.10 ~ 0.25	0.5 ~ 4.0								○ 1199	○ 1206	○ 1859	● 1311					
			WNMG 080412 - SM	1.2	0.10 ~ 0.25	0.5 ~ 4.0									○ 1374	○ 1416	○ 1860	● 1312				
-SR		HRSA Roughing	WNMG 060412 - SR	1.2	0.10 ~ 0.40	0.5 ~ 3.0											● 1439					
			WNMG 080408 - SR	0.8	0.10 ~ 0.40	0.5 ~ 4.0												● 1310				
			WNMG 080412 - SR	1.2	0.10 ~ 0.40	0.5 ~ 4.0												● 1309				
NEW -PSF		Cermet Finishing	WNMG 080404 - PSF	0.4	0.07 ~ 0.30	0.4 ~ 2.5											● 2539					
			WNMG 080408 - PSF	0.8	0.10 ~ 0.30	0.6 ~ 2.5													● 2540			

Turning Inserts - Positive

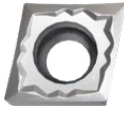
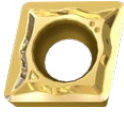
CCGT / CCMT (80° Rhombic)



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

EDP 2200..

● : Stock item ○ : Order made item

CCGT CCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-AL  Aluminum	CCGT 060202 - AL	0.2	0.02 ~ 0.15	0.1 ~ 2.0																● 1398
	CCGT 060204 - AL	0.4	0.02 ~ 0.15	0.5 ~ 2.0															● 1278	● 1320
	CCGT 09T302 - AL	0.2	0.02 ~ 0.08	0.5 ~ 1.0															● 0340	● 0339
	CCGT 09T304 - AL	0.4	0.05 ~ 0.25	0.5 ~ 2.0															● 0330	● 0081
	CCGT 09T308 - AL	0.8	0.10 ~ 0.35	1.0 ~ 3.0															● 0331	● 0082
	CCGT 120402 - AL	0.2	0.04 ~ 0.15	0.1 ~ 1.0															● 0474	● 0473
	CCGT 120404 - AL	0.4	0.04 ~ 0.20	0.3 ~ 1.5															● 0476	● 0475
	CCGT 120408 - AL	0.8	0.04 ~ 0.30	0.6 ~ 2.5															● 0478	● 0477
-UF  Finishing	CCMT 060204 - UF	0.4	0.05 ~ 0.20	0.5 ~ 2.0			○ 0163	○ 0866	● 2365	● 0164	● 0165									
	CCMT 09T304 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.0			○ 0169		● 2371	● 0170	● 0171									
	CCMT 09T308 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.0			○ 0964		● 2578	● 0951	● 0953									
	CCMT 120404 - UF	0.4	0.10 ~ 0.25	1.0 ~ 5.0					● 2579	● 1347	● 1337									
-UG  General	CCMT 060204 - UG	0.4	0.10 ~ 0.25	0.5 ~ 2.0	● 1377		○ 0166		● 2357	● 0167	● 0168	○ 0006				○ 1900				
	CCMT 060208 - UG	0.8	0.10 ~ 0.25	0.8 ~ 2.0	● 1825		○ 0479		● 2378	● 0683	● 0684	○ 0009				○ 1901				
	CCMT 09T304 - UG	0.4	0.15 ~ 0.30	0.5 ~ 2.5	● 1844		○ 0172		● 2206	● 0173	● 0174	○ 0007				○ 1586				
	CCMT 09T308 - UG	0.8	0.15 ~ 0.30	0.8 ~ 2.5	● 1553	○ 0445	○ 0150		● 2180	● 0151	● 0152	○ 0008		○ 1908		○ 1902				
	CCMT 120404 - UG	0.4	0.15 ~ 0.35	0.5 ~ 3.0	● 1845		○ 0175		● 2399	● 0176	● 0177									
	CCMT 120408 - UG	0.8	0.15 ~ 0.35	0.8 ~ 3.0	● 1462		○ 0153	○ 0867	● 2183	● 0154	● 0155	○ 0005				○ 1125				
	CCMT 120412 - UG	1.2	0.15 ~ 0.35	1.2 ~ 3.0	● 1846		○ 0483		● 2580	● 0915	● 1135					○ 1126				

TURNING

PARTING & GROOVING

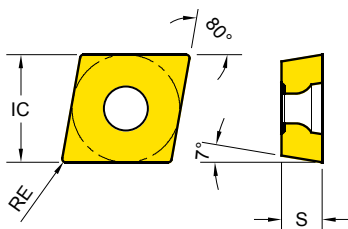
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive

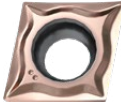
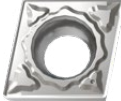
CCGT / CCMT (80° Rhombic)



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

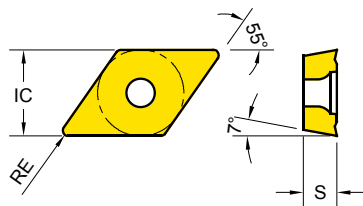
EDP 2200..

● : Stock item ○ : Order made item

	CCGT CCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
NEW -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												●	●			
		CCGT 09T301 - SF	0.1	0.02~0.15	0.10~2.5												2080	2066			
		CCGT 09T302 - SF	0.2	0.02~0.15	0.10~2.5												●	●			
		CCGT 09T304 - SF	0.4	0.03~0.20	0.10~2.5												2086	2067			
		CCGT 09T308 - SF	0.8	0.03~0.25	0.10~2.5												●	●			
NEW -MF	 Stainless steel Finishing	CCMT 060208 - MF	0.8	0.05~0.20	1.00~2.0												2352	2439	2440	2351	
		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	2002	2003	2004	2028
		CCMT 09T308 - MF	0.8	0.08~0.30	0.15~2.0												●	●	●	●	
		CCMT 09T304 - MM	0.4	0.08~0.25	0.25~3.0												2502	1589	1590	1947	2029
NEW -MM	 Stainless steel Medium	CCMT 09T308 - MM	0.8	0.10~0.30	0.50~3.0												●	●	●	●	
																	2503	1957	1958	1959	1943
																	2514	1591	1592	1946	2039
NEW -PF	 Cermet Finishing	CCMT 09T304 - PF	0.2	0.04~0.15	0.08~2.0															●	
		CCMT 09T304 - PF	0.4	0.06~0.25	0.10~2.0															●	
		CCMT 09T308 - PF	0.8	0.08~0.30	0.15~2.0															●	
																				2543	
NEW -PM	 Cermet Medium	CCMT 09T304 - PM	0.4	0.08~0.25	0.25~3.0															●	
		CCMT 09T308 - PM	0.8	0.10~0.30	0.50~3.0															●	
																				2554	

Turning Inserts - Positive

DCGT / DCMT (55° Rhombic)



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

EDP 2200..

● : Stock item ○ : Order made item

DCGT DCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-AL  Aluminum	DCGT 070202 - AL	0.2	0.01 ~ 0.08	0.05 ~ 1.0																● 1399
	DCGT 070204 - AL	0.4	0.02 ~ 0.15	0.10 ~ 2.0																● 1400
	DCGT 11T301 - AL	0.1	0.01 ~ 0.08	0.50 ~ 1.0															● 2101	● 2100
	DCGT 11T302 - AL	0.2	0.02 ~ 0.08	0.50 ~ 1.0															● 0342	● 0341
	DCGT 11T304 - AL	0.4	0.05 ~ 0.25	0.50 ~ 2.0															● 0332	● 0083
	DCGT 11T308 - AL	0.8	0.10 ~ 0.30	1.00 ~ 2.5															● 0333	● 0084
-UF  Finishing	DCMT 070204 - UF	0.4	0.05 ~ 0.20	0.50 ~ 2.0			○ 0207		● 2397	● 0208	● 0209			○ 1909		○ 1903				
	DCMT 11T304 - UF	0.4	0.05 ~ 0.25	0.50 ~ 2.0			○ 0213		● 2208	● 0214	● 0215			○ 1044	○ 1043	○ 1910				
	DCMT 11T308 - UF	0.8	0.05 ~ 0.25	1.00 ~ 2.0	● 2053		○ 0219		● 1897	● 0220	● 0221									
-UG  General	DCMT 070204 - UG	0.4	0.10 ~ 0.25	0.50 ~ 2.0	● 1849		○ 0210		● 2391	● 0211	● 0212	○ 0013								
	DCMT 070208 - UG	0.8	0.10 ~ 0.25	0.80 ~ 2.0	● 1850		○ 0484		● 2386	● 0717	● 1136									
	DCMT 11T304 - UG	0.4	0.15 ~ 0.30	0.50 ~ 2.5	● 1831	○ 0677	○ 0216		● 2209	● 0217	● 0218	○ 0014			○ 1520	○ 1522	○ 1521			
	DCMT 11T308 - UG	0.8	0.15 ~ 0.30	0.80 ~ 2.5	● 1832	○ 0678	○ 0222		● 2215	● 0223	● 0224	○ 0015								
	DCMT 11T312 - UG	1.2	0.15 ~ 0.35	1.50 ~ 3.0					● 2605	● 2056										

TURNING

PARTING & GROOVING

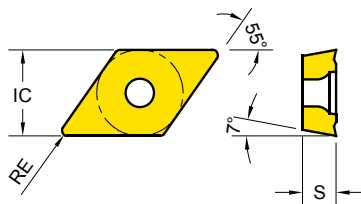
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive

DCGT / DCMT (55° Rhombic)



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

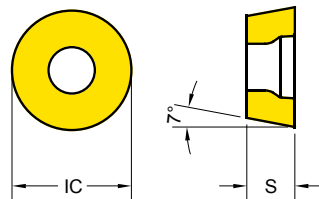
EDP 2200..

● : Stock item ○ : Order made item

DCGT DCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
NEW -SF  HRSA Finishing	DCGT 070201 - SF	0.1	0.02 ~ 0.15	0.10 ~ 1.5												●	●			
	DCGT 070202 - SF	0.2	0.02 ~ 0.15	0.10 ~ 1.5												●	●			
	DCGT 070204 - SF	0.4	0.03 ~ 0.20	0.10 ~ 1.5											○	●	●			
	DCGT 11T301 - SF	0.1	0.01 ~ 0.05	0.10 ~ 2.5												●	●			
	DCGT 11T302 - SF	0.2	0.02 ~ 0.15	0.10 ~ 2.5											○	●	●			
	DCGT 11T304 - SF	0.4	0.03 ~ 0.20	0.10 ~ 2.5											○	●	●			
	DCGT 11T308 - SF	0.8	0.03 ~ 0.20	0.10 ~ 2.5												●	●			
NEW -MF  Stainless steel Finishing	DCMT 070204 - MF	0.4	0.05 ~ 0.17	0.08 ~ 1.5									●	●	●	●	●			
	DCMT 11T302 - MF	0.2	0.04 ~ 0.15	0.08 ~ 2.0									●	●	●	●	●			
	DCMT 11T304 - MF	0.4	0.06 ~ 0.25	0.10 ~ 2.0									●	●	●	●	●			
	DCMT 11T308 - MF	0.8	0.07 ~ 0.20	0.15 ~ 2.0									●	●	●	●	●			
													●	●	●	●	●			
NEW -MM  Stainless steel Medium	DCMT 070204 - MM	0.4	0.08 ~ 0.30	0.20 ~ 2.3									●	●	●	●	●			
	DCMT 070208 - MM	0.8	0.08 ~ 0.25	0.50 ~ 1.5					○				●	●	●	●	●			
	DCMT 11T304 - MM	0.4	0.06 ~ 0.17	0.25 ~ 3.0									●	●	●	●	●			
	DCMT 11T308 - MM	0.8	0.08 ~ 0.25	0.50 ~ 3.0									●	●	●	●	●			
													●	●	●	●	●			
NEW -PF  Cermet Finishing	DCMT 070204 - PF	0.4	0.05 ~ 0.17	0.08 ~ 1.5													●			
	DCMT 11T302 - PF	0.2	0.04 ~ 0.15	0.08 ~ 2.0													●			
	DCMT 11T304 - PF	0.4	0.06 ~ 0.25	0.10 ~ 2.0													●			
	DCMT 11T308 - PF	0.8	0.07 ~ 0.20	0.15 ~ 2.0													●			
																	●			
NEW -PM  Cermet Medium	DCMT 070204 - PM	0.4	0.08 ~ 0.30	0.20 ~ 2.3													●			
	DCMT 11T304 - PM	0.4	0.06 ~ 0.17	0.25 ~ 3.0													●			
	DCMT 11T308 - PM	0.8	0.08 ~ 0.25	0.50 ~ 3.0													●			
																	●			

Turning Inserts - Positive

RCMT (Round)



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

EDP 2200..

● : Stock item ○ : Order made item

RCMT  General	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
	RCMT 0602M0	3.0	0.05 ~ 0.25	0.2 ~ 1.2	● 2057	○ 0374	○ 0375		● 2624	● 0376	● 1151	○ 0023								
	RCMT 0803M0	4.0	0.05 ~ 0.30	0.5 ~ 1.5	● 2058	○ 0377	○ 0378		● 2625	● 0379	● 1152	○ 0024								
	RCMT 10T3M0	5.0	0.10 ~ 0.35	0.5 ~ 2.5	● 2059	○ 0380	○ 0381		● 2626	● 0382	● 1153	○ 0021								
	RCMT 1204M0	6.0	0.15 ~ 0.45	0.5 ~ 3.0	● 1833	○ 0383	○ 0384		● 2627	● 0385	● 1170	○ 0022								

TURNING

PARTING & GROOVING

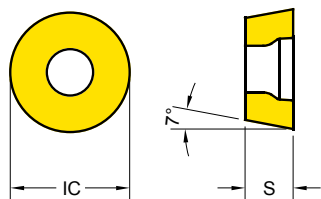
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive

RCMX - Heavy Turning (Round)



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

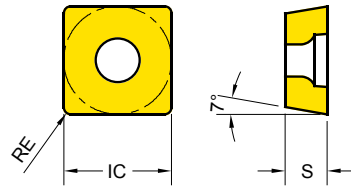
EDP 2200..

● : Stock item ○ : Order made item

					K10	P05	P10	P15	P10	P20	P30	P20	M25	M15	M30	M40	S10	P15	M15	N20	N20
					K20	K30										S30		K15			
RCMX	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
NEW -UT  Heavy Roughing	RCMX 1606M0 - UT	8.0	0.30 ~ 0.80	1.0 ~ 7.0	● 2441																
	RCMX 2006M0 - UT	10.0	0.05 ~ 0.25	0.2 ~ 1.2					● 2169												

Turning Inserts - Positive

SCGT / SCMT (Square)



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

EDP 2200..

● : Stock item ○ : Order made item

	SCGT SCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-AL		SCGT 09T304 - AL	0.4	0.05 ~ 0.25	0.5 ~ 2.0																● 1516
		SCGT 09T308 - AL	0.8	0.10 ~ 0.35	1.0 ~ 3.0																
Aluminium																					
-UF		SCMT 09T304 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.0			○ 0386		● 2628	● 0387	● 0783									
		SCMT 09T308 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.0	● 2083		○ 1021		● 2629	● 1022	● 0997									
Finishing																					
-UG		SCMT 09T304 - UG	0.4	0.15 ~ 0.30	0.5 ~ 2.5	● 1834	○ 0455	○ 0482		● 2414	● 0916	● 1171	○ 0025								
		SCMT 09T308 - UG	0.8	0.15 ~ 0.30	0.8 ~ 2.5	● 1835	○ 0456	○ 0159		● 2383	● 0160	● 0161	○ 0026				○ 1904				
		SCMT 120408 - UG	0.8	0.15 ~ 0.35	0.8 ~ 3.0	● 1836	○ 0674	○ 0255		● 2393	● 0256	● 0257					○ 1911				
		SCMT 120412 - UG	1.2	0.15 ~ 0.35	1.5 ~ 3.0	● 2098															
General																					
NEW -MF		SCMT 09T308 - MF	0.8	0.09 ~ 0.35	0.3 ~ 2.0														● 2564		
Stainless steel Finishing																					
NEW -MM		SCMT 120408 - MM	0.8	0.10 ~ 0.30	0.6 ~ 4.0									● 2519	● 1973	● 1974	● 1975	● 1976			
Stainless steel Medium																					
NEW -PM		SCMT 120408 - PM	0.8	0.10 ~ 0.30	0.6 ~ 4.0															● 2530	
Cermet Medium																					

TURNING

PARTING & GROOVING

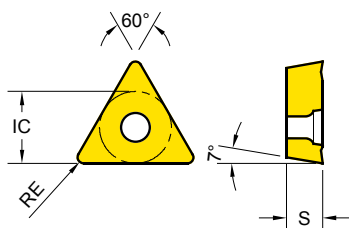
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive

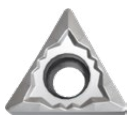
TCGT / TCMT (Triangle)



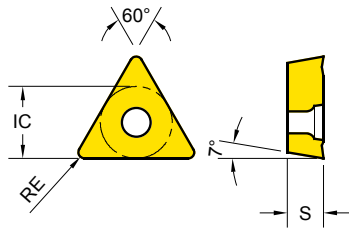
Series	IC	S
TC** 1102	6.350	2.38
TC** 16T3	9.525	3.97

EDP 2200..

● : Stock item ○ : Order made item

					TCGT 110204																
					K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20	
TCGT TCMT					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10	
-AL		Aluminum	TCGT 110204 - AL	0.4	0.03 ~ 0.30	0.5 ~ 2.0														● 1333	
			TCGT 16T302 - AL	0.2	0.02 ~ 0.05	0.5 ~ 1.0														● 0344	● 0343
			TCGT 16T304 - AL	0.4	0.05 ~ 0.25	0.5 ~ 2.0														● 0334	● 0085
			TCGT 16T308 - AL	0.8	0.10 ~ 0.35	1.0 ~ 3.0														● 0335	● 0086
-UF		Finishing	TCMT 110204 - UF	0.4	0.05 ~ 0.20	0.5 ~ 2.0		○ 0395		● 2384	● 0396	● 1196		○ 1033	○ 1034	○ 1645					
			TCMT 16T304 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.0		○ 0397		● 2377	● 0398	● 1046	○ 0033		○ 1906		○ 1905				
			TCMT 16T308 - UF	0.8	0.05 ~ 0.25	0.8 ~ 2.0		○ 0624		● 2369	● 0625	● 1045									
-UG		General	TCMT 110204 - UG	0.4	0.10 ~ 0.25	0.5 ~ 2.0	● 1839	○ 0728	○ 0264		● 2642	● 0265	● 0266	○ 0032							
			TCMT 110208 - UG	0.8	0.10 ~ 0.25	0.8 ~ 2.0	● 1851		○ 0485		● 2362	● 0715	● 1204								
			TCMT 16T304 - UG	0.4	0.15 ~ 0.30	0.5 ~ 2.5	● 1840	○ 0679	○ 0267		● 2379	● 0268	● 0269								
			TCMT 16T308 - UG	0.8	0.15 ~ 0.30	0.8 ~ 2.5	● 1841	○ 0457	○ 0156		● 2175	● 0157	● 0158	○ 0034				○ 1907			

Turning Inserts - Positive TCMT (Triangle)



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

EDP 2200..

● : Stock item ○ : Order made item

TCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
NEW -MF  Stainless steel Finishing	TCMT 110204 - MF	0.4	0.07 ~ 0.20	0.20 ~ 2.0													● 2565			
	TCMT 110208 - MF	0.8	0.07 ~ 0.20	0.30 ~ 2.0													● 2566			
	TCMT 16T304 - MF	0.4	0.06 ~ 0.25	0.10 ~ 2.0									● 2508	● 1981	● 1982	● 1983	● 2034			
	TCMT 16T308 - MF	0.8	0.08 ~ 0.30	0.15 ~ 2.0									● 2509	● 1966	● 1967	● 1968	● 2026			
NEW -MM  Stainless steel Medium	TCMT 16T304 - MM	0.4	0.08 ~ 0.25	0.25 ~ 3.0									● 2520	● 1993	● 1994	● 1995	● 2043			
	TCMT 16T308 - MM	0.8	0.10 ~ 0.30	0.50 ~ 3.0									● 2521	● 1952	● 1953	● 1954	● 1955			
NEW -PF  Cermet Medium	TCMT 16T304 - PF	0.4	0.06 ~ 0.25	0.10 ~ 2.0														● 2548		
	TCMT 16T308 - PF	0.8	0.08 ~ 0.30	0.15 ~ 2.0														● 2549		
NEW -PM  Cermet Medium	TCMT 16T304 - PM	0.4	0.08 ~ 0.25	0.25 ~ 3.0														● 2559		
	TCMT 16T308 - PM	0.8	0.10 ~ 0.30	0.50 ~ 3.0														● 2560		

TURNING

PARTING & GROOVING

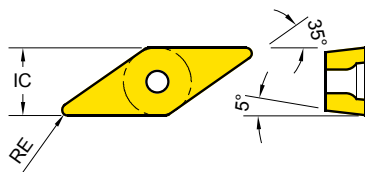
MILLING

DRILLING

TECHNICAL INFORMATION

Turning Inserts - Positive

VBGT / VBMT (35° Rhombic)



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

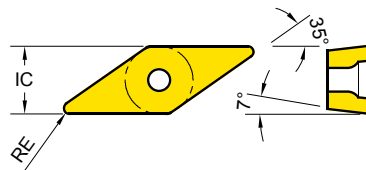
EDP 2200..

● : Stock item ○ : Order made item

	VBGT VBMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
						YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
NEW -SF		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												●				
-UF		VBMT 110304 - UF	0.4	0.04 ~ 0.16	0.10 ~ 0.8					●											
		VBMT 110308 - UF	0.4							●											
		VBMT 160404 - UF	0.4	0.05 ~ 0.25	0.50 ~ 2.0			○		●	●	●									
		VBMT 160408 - UF	0.8	0.05 ~ 0.25	0.80 ~ 2.0			○		●	●	●									
-UG		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	●	○	○		●	●	●	○								
						1842	0682	0297		2181	0298	0299	0047								
						1843	0681	0303		2211	0304	0305	0048								
NEW -MF		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									2510	2008	2009	2010	2036			
		VBMT 160408 - MF	0.8	0.07 ~ 0.27	0.30 ~ 2.0									2511	1960	1961	1962	2037			
														2512	2011	2012	2013	2038			
NEW -MM		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									2522	1996	1997	1998	2044			
														2523	1987	1988	1989	2045			
NEW -PF		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														●		
																			2552		
NEW -PM		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														●		
																			2561		
																			2562		

Turning Inserts - Positive

VCGT / VCMT (35° Rhombic)



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

EDP 2200..

● : Stock item ○ : Order made item

VCGT VCMT	Designation	RE	Fn (mm/rev.)	Ap (mm)	K10	P05 K20	P10 K30	P15	P10	P20	P30	P20	M25	M15	M30	M40 S30	S10	P15 M15 K15	N20	N20
					YG1010	YG1001	YG3010	YG3015	YG3115	YG3020	YG3030	YG801	YG2025	YG211	YG213	YG214	YG401	YT100	YG100	YG10
-AL  Aluminum	VCGT 110301 - AL	0.1	0.02 ~ 0.20	0.2 ~ 2.0															●	●
	VCGT 110302 - AL	0.2	0.02 ~ 0.20	0.2 ~ 2.0															2102	1041
	VCGT 110304 - AL	0.4	0.05 ~ 0.25	0.2 ~ 3.0															1353	1042
	VCGT 160402 - AL	0.2	0.02 ~ 0.05	0.5 ~ 1.0															1519	1518
	VCGT 160404 - AL	0.4	0.05 ~ 0.25	0.5 ~ 2.0															●	●
	VCGT 160408 - AL	0.8	0.10 ~ 0.35	1.0 ~ 3.0															0418	0417
	VCGT 160412 - AL	1.2	0.10 ~ 0.35	1.2 ~ 3.0															0336	0087
NEW -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										○	○				2347	2077
	VCGT 110304 - SF	0.4	0.05 ~ 0.20	0.2 ~ 1.5															1475	1476
	VCGT 110308 - SF	0.8	0.05 ~ 0.20	0.4 ~ 1.5															1480	1481
-UF  Finishing	VCMT 160404 - UF	0.4	0.05 ~ 0.25	0.5 ~ 2.0			○		●	●	●								2348	2078
	VCMT 160408 - UF	0.8	0.05 ~ 0.25	1.0 ~ 2.0			○		●	●									2349	2079
							○		●	●										
-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	●		○		●	●	●				○				0060	
					1853		0946		2422	0422	0956	0061								
NEW -MF  Stainless steel Finishing	VCMT 110304 - MF	0.4	0.05 ~ 0.20	0.1 ~ 1.7										●	●	●	●	●		
														2513	2014	2015	2016	2035		
NEW -PF  Cermert Medium	VCMT 110304 - PF	0.4	0.05 ~ 0.20	0.1 ~ 1.7															●	
																			2553	

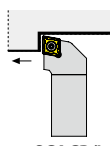
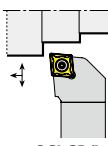
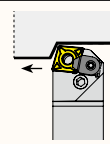
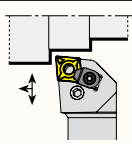
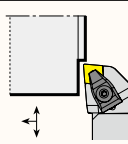
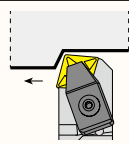
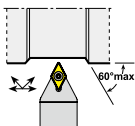
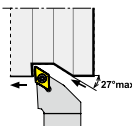
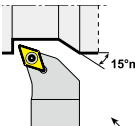
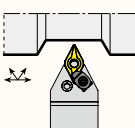
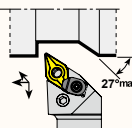
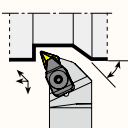
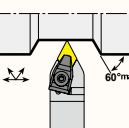
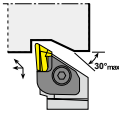
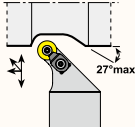
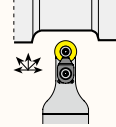
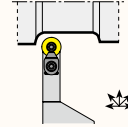
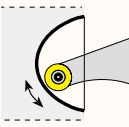
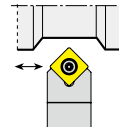
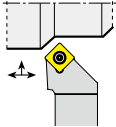
TURNING

PARTING & GROOVING

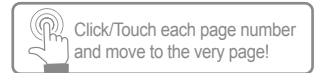
MILLING

DRILLING

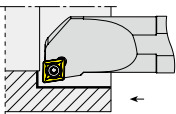
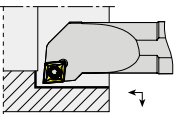
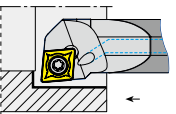
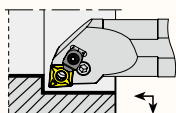
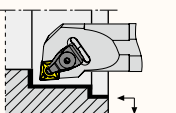
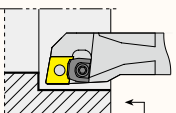
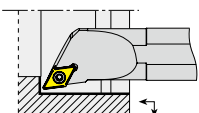
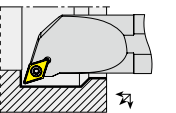
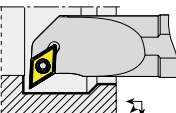
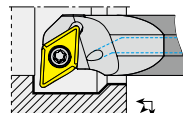
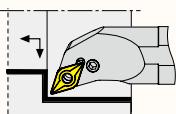
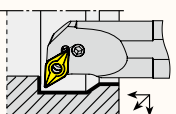
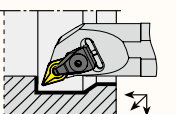
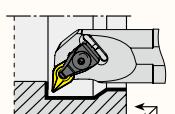
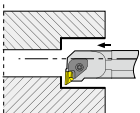
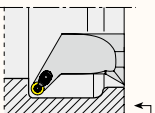
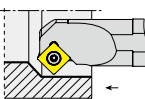
TECHNICAL INFORMATION

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

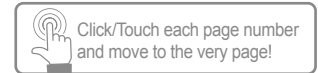
External Holders Overview

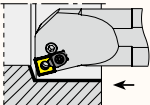
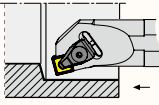
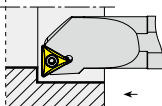
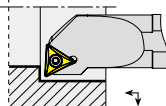
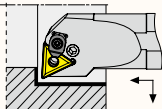
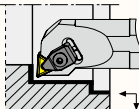
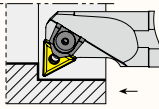
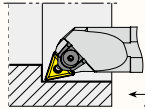
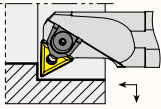
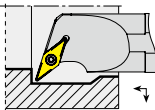
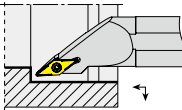
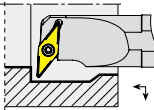
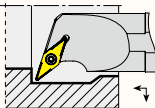
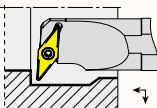
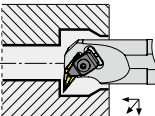
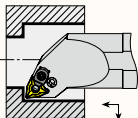
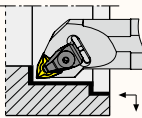
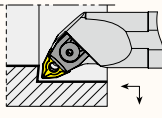


Series		Turning Holder						
	SNMA SNMG							
		PSDNN Lever (+Clamp)	PSSNR/L Lever (+Clamp)	PSBNR/L Lever (+Clamp)	PSKNR/L Lever (+Clamp)	TSDNN Double Clamp	TSSNR/L Double Clamp	TSKNR/L Double Clamp
		Page 42	74	74	74	80	80	80
	TCGT TCMT							
		STFCR/L Screw	STGCR/L Screw	STJCR/L Screw	STUCR/L Screw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

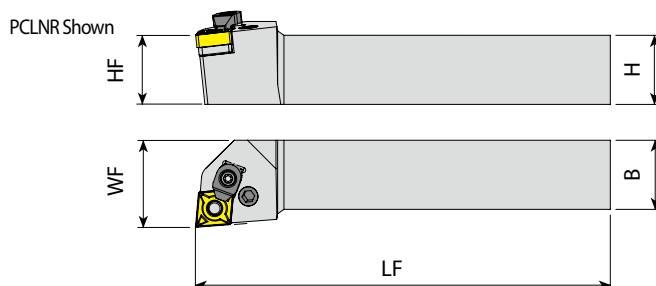
Series		Turning Holder			
	CCGT CCMT				
		..-SCFCR/L Screw	..-SCLCR/L Screw	E..-SCLCR/L Screw	
Page	57	108	109	109	
	CNMA CNMG				
		..-PCLNR/L Lever (+Clamp)	..-TCLNR/L Double Clamp	..-MCLNR/L Multi-Clamp	
Page	30	93	98	104	
	DCGT DCMT				
		..-SDPCR/L Screw	..-SDQCR/L Screw	..-SDUCR/L Screw	E..-SDUCR/L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

Internal Holders Overview



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

Lever Lock type for CN** Insert



* 'C' Letter at Last : Optional Clamp Included

: p. 30

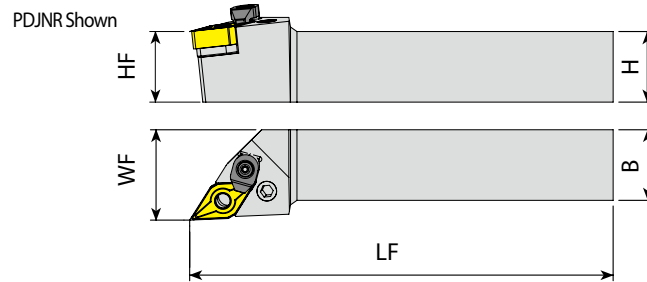
Unit:mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 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	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
PC..	H09	Descritpion	YAPL-01	YALV-02-M6x17	-	-	YAACN-2-0002	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000099			28000028	18000053	18000060
	..12	Descritpion	YAPL-02	YALV-03-M8x19	-	-	YAACN-3-0001	YAAY-02	YAAL-03-3
		EDP	18000093	18000100			18000137	18000054	18000061
	..12C	Descritpion	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	Descritpion	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	Descritpion	YAPL-05	YALV-05-M10x27	YACK-09	YAAV-05-M6x15	YAACN-3-0003	YAAY-04	YAAL-05-4
		EDP	18000096	18000102	18000066	18000078	18000139	18000056	18000062

Turning - Holder - External

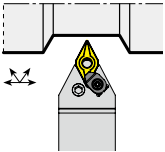
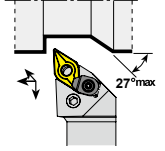
Lever Lock type for DN** Insert



* 'C' Letter at Last : Optional Clamp Included

 : p. 35

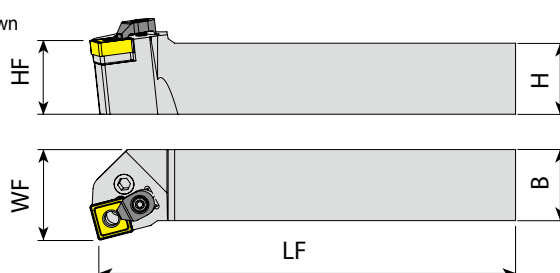
Unit:mm

Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
 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	Descritpion	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	Descritpion	YAPL-01	YALV-02-M6x17	-	-	YAADN-SD317	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000099	-	-	28000029	18000053	18000060
	..M15	Descritpion	YAPL-03	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAADN-3-0001	YAAY-02	YAAL-03-3
		EDP	18000094	18000100	18000065	18000119	18000137	18000054	18000061

Lever Lock type for SN** Insert

PSKNR Shown



* 'C' Letter at Last : Optional Clamp Included

: p. 32

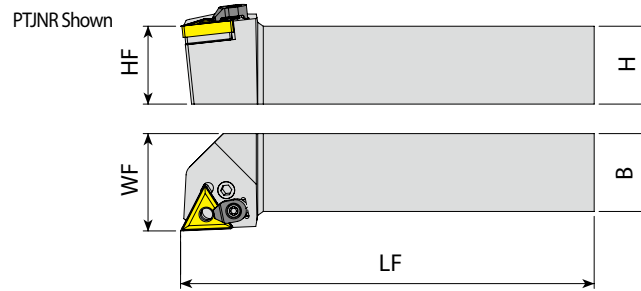
Unit:mm

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	Descritpion	YAPL-01	YALV-02-M6x17	-	-	YAASN-2-0002	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000099			28000028	18000053	18000060
	..12	Descritpion	YAPL-02	YALV-03-M8x19	-	-	YAASN-3-0004	YAAY-02	YAAL-03-3
		EDP	18000093	18000100			18000145	18000054	18000060
	..12C	Descritpion	YAPL-02	YALV-03-M8x19	YACK-05	Y4015-M4x11	YAASN-3-0004	YAAY-02	YAAL-03-3
		EDP	18000093	18000100	18000065	18000119	18000145	18000054	18000060

Turning - Holder - External

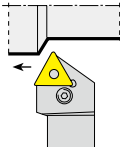
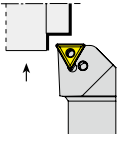
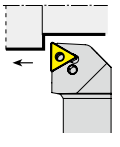
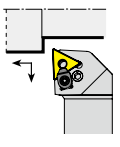
Lever Lock type for TN** Insert



* 'C' Letter at Last : Optional Clamp Included

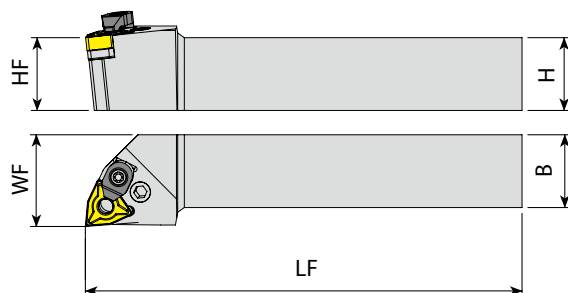
 : p. 47

Unit:mm

Series	Designation	EDP 2700.. R	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

: p. 53

Unit:mm

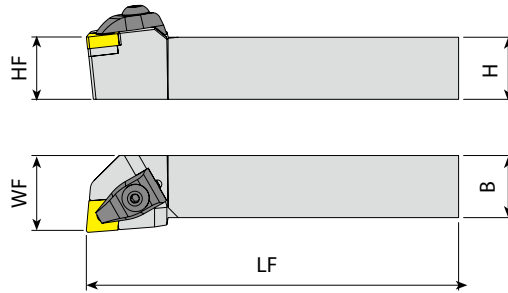
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
	PWLNRL 1616H 06	0647	0648	16	16	20	100	WN0604
	PWLNRL 2020K 06	0649	0650	20	20	25	125	
	PWLNRL 2525M 06	0651	0652	25	25	32	150	
 PWLNRL Approach angle 95°	PWLNRL 1616H 08	0653	0654	16	16	20	100	WN0804
	PWLNRL 2020K 08C	0655	0656	20	20	25	125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

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

Turning - Holder - External

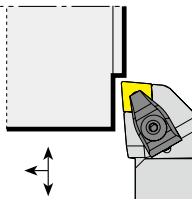
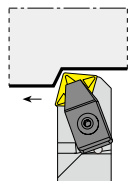
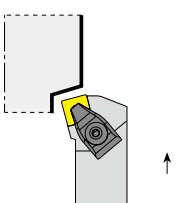
Double Clamp type for CN** Insert

TCLNR Shown



: p. 30

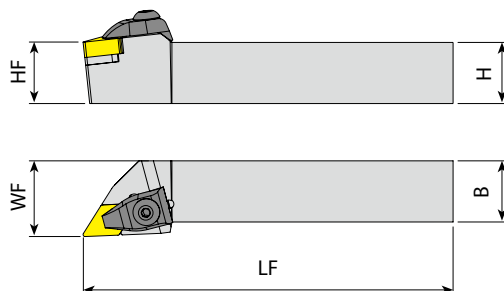
Unit:mm

Series	Designation	EDP 2700.. 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



: p. 35

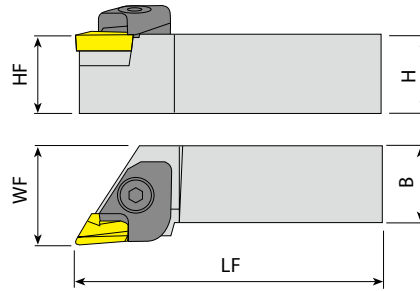
Unit:mm

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

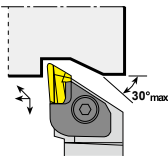
Turning - Holder - External

Top Clamp type for KN** Insert



 : p. 41

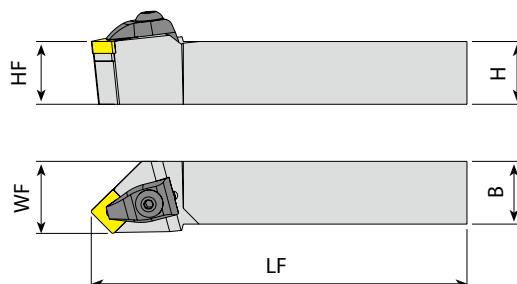
Unit:mm

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	

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

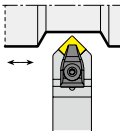
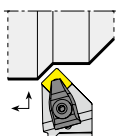
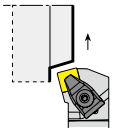
Double Clamp type for SN** Insert

TSSNR Shown



: p. 42

Unit:mm

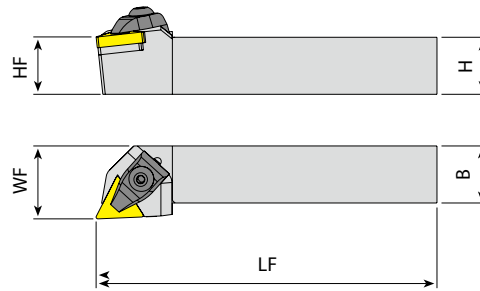
Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
 TSDNN Approach angle 45°	TSDNN 1616H 12	0533	16	16	8.0	100	SN1204
	TSDNN 2020K 12	0534	20	20	10.0	125	
	TSDNN 2525M 12	0535	25	25	12.5	150	
	TSDNN 3232P 12	0536	32	32	16.0	170	
 TSSNR/L Approach angle 45°	TSSNR/L 2020K 12	0554 0555	20	20	25.0	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

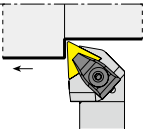
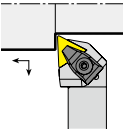
Double Clamp type for TN** Insert

TTJNR Shown



: p. 47

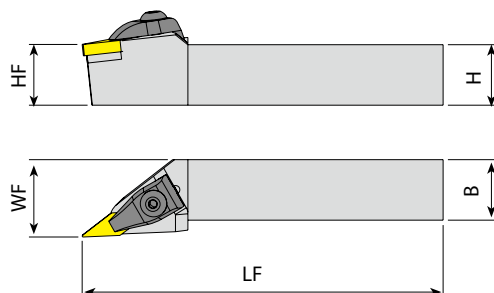
Unit:mm

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

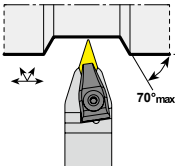
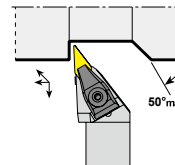
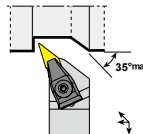
Double Clamp type for VN** Insert

TVJNR Shown



: p. 51

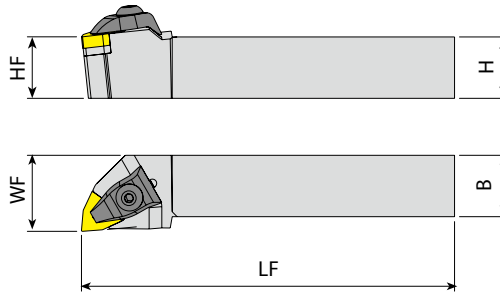
Unit:mm

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

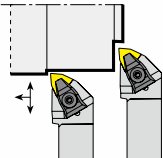
Turning - Holder - External

Double Clamp type for WN** Insert



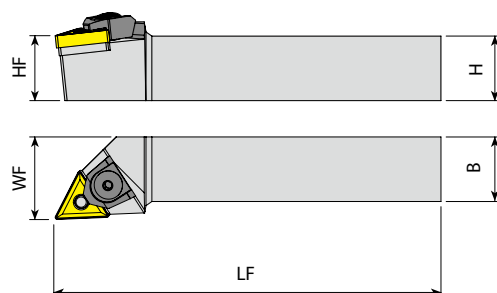
: p. 53

Unit:mm

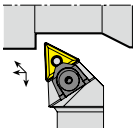
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 TWLNR/L Approach angle 95°	TWLNR/L 1616H 06	0661	0662	16	16	20	100	WN0604
	TWLNR/L 2020K 06	0663	0664	20	20	25	125	
	TWLNR/L 2525M 06	0665	0666	25	25	32	150	
	TWLNR/L 2020K 08	0667	0668	20	20	25	125	WN0804
	TWLNR/L 2525M 08	0669	0670	25	25	32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

Multi-Clamp type for TN** Insert



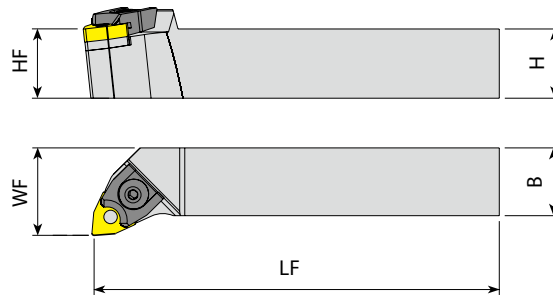
: p. 47 Unit:mm

Series	Designation	EDP 2700.. R	EDP 2700.. 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	Descritpion	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	Descritpion	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	YAPM-02	YAATN-3-0015	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	18000111	18000148	18000061

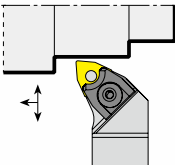
Turning - Holder - External

Multi-Clamp type for WN** Insert



: p. 53

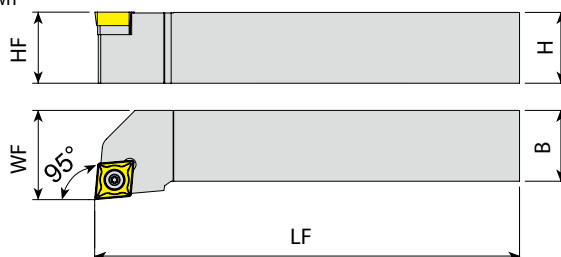
Unit:mm

Series	Designation	EDP 2700.. 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

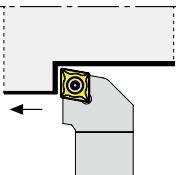
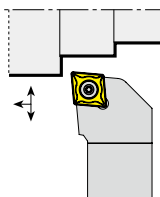
Screw on type for CC** Insert

SCLCR Shown



: p. 57

Unit:mm

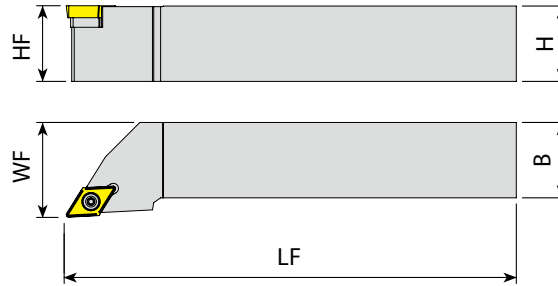
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 SCACR/L Approach angle 90°	SCACR/L 0808E 06	0675	0676	08	08	10	70	CC0602
	SCACR/L 1010E 06	0677	0678	10	10	12	70	
	SCACR/L 1212F 09	0679	0680	12	12	16	80	CC09T3
	SCACR/L 1616H 09	0681	0682	16	16	20	100	
	SCACR/L 2020K 09	0683	0684	20	20	25	125	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	Descritpion	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..F09	Descritpion	Y4015-M3.5x11	YAACN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000118	18000135	18000159	18000167
	..H09	Descritpion	Y4015-M3.5x14	YAACN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000135	18000159	18000167
	..12	Descritpion	Y1020-M4.5x16	YAACN-2-0003	YAAV-07-M4.5x13	Y80-T20
		EDP	18000120	18000136	18000160	18000168
	..1010..09	Descritpion	Y4015-M3x9	-	-	Y80-T15
		EDP	18000132	-	-	18000159
	..1212..09	Descritpion	Y4015-M3.5x11	-	-	Y80-T15
		EDP	18000118	-	-	18000159
	..1616~2525..09	Descritpion	Y4015-M3.5x14	YAACN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000135	18000159	18000159
	..1616..12	Descritpion	Y1020-M5x11	-	-	Y80-T20
		EDP	18000121	-	-	18000168
	..2020~2525..12	Descritpion	Y1020-M4.5x16	YAACN-2-0003	YAAV-07-M4.5x13	Y80-T20
		EDP	18000120	18000136	18000160	18000168

Turning - Holder - External

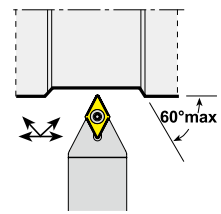
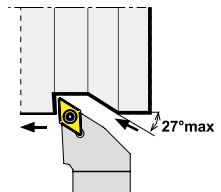
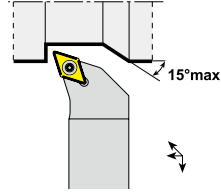
Screw on type for DC** Insert

SDJCR Shown



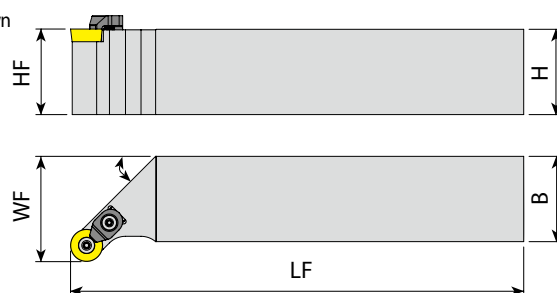
 : p. 59

Unit: mm

Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 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	Information	Screw	Shim	Shim Screw	Torx Key
SD..	..07	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	8000127	-	-	18000165
	..11	Description	Y4015-M3.5x14	YAADN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000140	18000159	18000167

SRGCR Shown



* 'C' Letter at Last : Optional Clamp Included

: p.61

Unit:mm

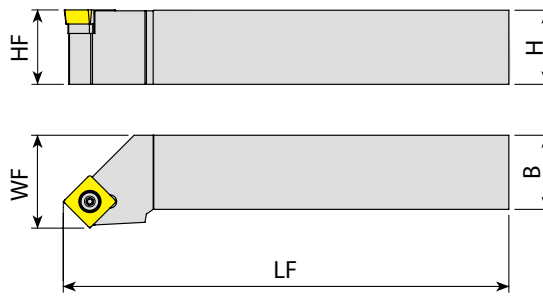
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 SRGCR/L Approach angle 90°	SRGCR/L 1616H 06	0739	0740	16	16	20.0	100	RC0602
	SRGCR/L 2020K 06	0741	0742	20	20	25.0	125	
	SRGCR/L 1616H 08C	0743	0744	16	16	32.0	100	RC0803
	SRGCR/L 2020K 08C	0745	0746	20	20	25.0	125	
	SRGCR/L 2525M 08C	0747	0748	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	Descritpion	-	-	Y3008-M2.5x6	Y80-T08
		EDP	-	-	18000124	18000165
	..08	Descritpion	-	-	Y3008-M3x8	Y80-T15
		EDP	-	-	18000125	18000167
	..08C	Descritpion	YACK-15	Y4015-M3.5x11	Y3008-M3x8	Y80-T08
		EDP	18000069	18000118	18000125	18000165
	..10C	Descritpion	YACK-15	Y4015-M3.5x11	Y4015-M3.5x11	Y80-T15
		EDP	18000069	18000118	18000118	18000167
	..12C	Descritpion	YACK-05	Y4015-M4x11	Y4015-M3.5x11	Y80-T15
		EDP	18000065	18000119	18000118	18000167
	..10 ..12	Descritpion	-	-	Y4015-M3.5x11	Y80-T15
		EDP	-	-	18000118	18000167
..1616 ..08C	Descritpion	YACK-15	Y4015-M3.5x11	Y3008-M3x8	Y80-T08	
	EDP	18000069	18000118	18000125	18000165	

Turning - Holder - External

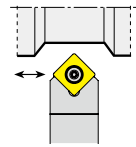
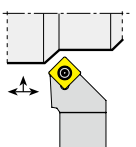
Screw on type for SC** Insert

SSSCR Shown



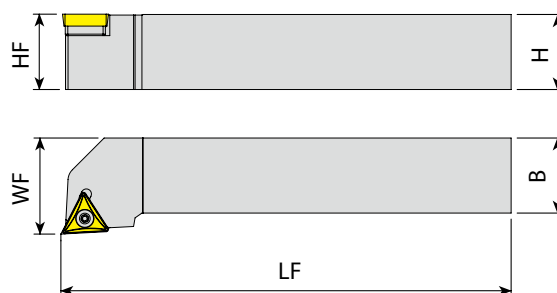
 : p. 57

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

STJCR Shown



: p. 64 Unit:mm

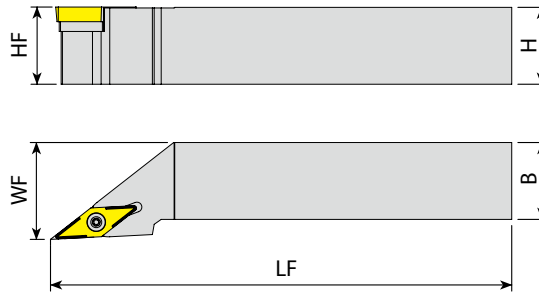
Series	Designation	EDP 2700.. R	L	H (= HF)	B	WF	LF	Insert
 STFCR/L Approach angle 91°	STFCR/L 1212F 11	0099	0100	12	12	16	80	TC1102
	STFCR/L 1616H 11	0101	0102	16	16	20	100	
	STFCR/L 1616H 16	0105	0106	16	16	20	100	TC16T3
	STFCR/L 2020K 16	0107	0108	20	20	25	125	
	STFCR/L 2525M 16	0109	0110	25	25	32	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	Descriptpion	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..16	Descriptpion	Y4015-M3.5x14	YAATN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000146	18000159	18000167

Turning - Holder - External

Screw on type for VB** Insert

SVJBR Shown



: p. 66

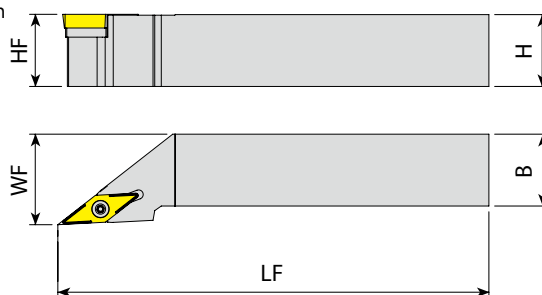
Unit:mm

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

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

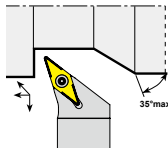
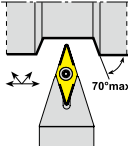
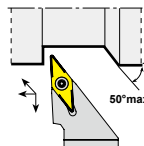
Screw on type for VC** Insert

SVJCR Shown



□ : p. 67

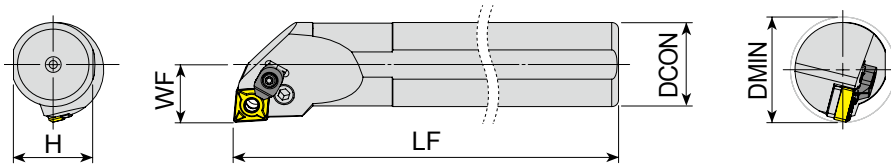
Unit:mm

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

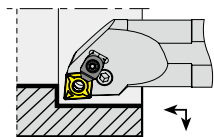


* 'C' Letter at Last : Optional Clamp Included

□ : p. 30

Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
●	A25R - PCLNR/L 12C	0839 0840	32	25	23	17	200	CN1204
	A32S - PCLNR/L 12C	0841 0842	40	32	30	22	250	
	A40T - PCLNR/L 12C	0843 0844	50	40	37.5	27	300	
	A50U - PCLNR/L 12C	0845 0846	63	50	47	35	350	
	S25S - PCLNR/L 12C	0863 0864	32	25	23	17	250	
	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	



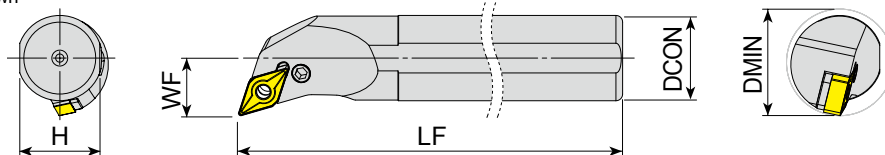
..-PCLNR/L

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



: p. 35

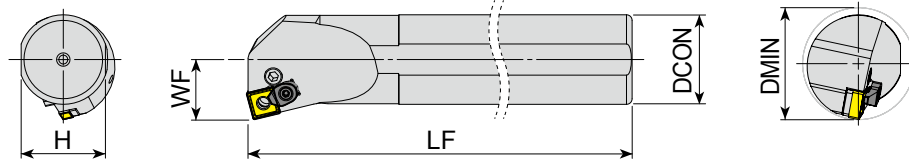
Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..PDQNR/L Approach angle 107.5°	● 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	
 ..PDUNR/L Approach angle 93°	S50V - PDQNR/L 15	0910 0911	63	50	47	35	400	DN1506
	A32S - PDUNR/L 15	0920 0921	40	32	30	22	250	
	● A40T - PDUNR/L 15	0922 0923	50	40	37.5	27	300	
	A50U - PDUNR/L 15	0924 0925	63	50	47	35	350	
	S25S - PDUNR/L 15	0934 0935	32	25	23	19	250	
	X S32T - PDUNR/L 15	0936 0937	40	32	30	22	300	
	S40U - PDUNR/L 15	0938 0939	50	40	37.5	27	350	
	S50V - PDUNR/L 15	0940 0941	63	50	47	35	400	

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

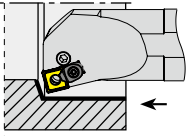
Lever Lock type for SN** Insert



* 'C' Letter at Last : Optional Clamp Included

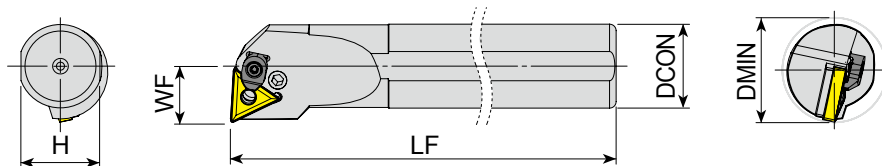
□ : p. 42

Unit:mm

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

Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..PS..	..25.. 12C	Descriptipon	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	Descriptipon	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

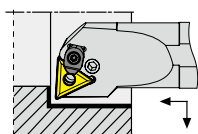


* 'C' Letter at Last : Optional Clamp Included

□: p. 47

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	



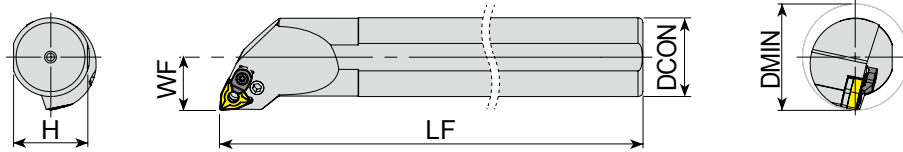
..PTUNR/L

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

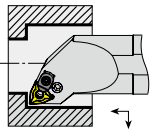


* 'C' Letter at Last : Optional Clamp Included

□ : 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	

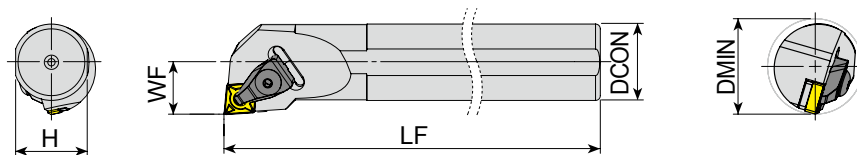


..-PWLNR/L

Approach angle
95°

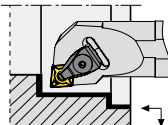
Series	Designation	Infomation	Lever	Lever Screw	Clamp	Clamp Screw	Shim	Shim Pin	Allen Key
..PW..	..20..06	Descritpion	YAPL-01	YALV-01-M6x14	-	-	YAAWN-SW317	YAAY-01	YAAL-02-2.5
		EDP	18000092	18000098			18000152	18000053	18000060
	..25~32..06	Descritpion	YAPL-01	YALV-02-M6x17	-	-	YAAWN-SW317	YAAY-01	YAAL-02-2.5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

Double Clamp type for CN** Insert



□: p. 30

Unit:mm

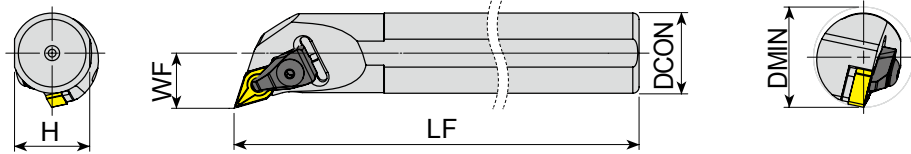
Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..-TCLNR/L Approach angle 95°	X	S25S - TCLNR/L 12	0881 0882	32	25	23	17	250	CN1204
		S32T - TCLNR/L 12	0883 0884	40	32	30	22	300	
		S40U - TCLNR/L 12	0885 0886	50	40	37.5	27	350	
		S50V - TCLNR/L 12	0887 0888	63	50	47	35	400	
	X	S32T - TCLNR/L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



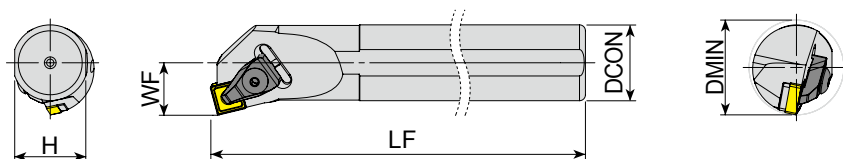
□ : p. 35

Unit:mm

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

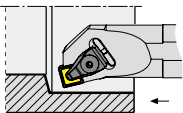
Series	Designation	Infomation	Clamp	Clamp Screw	Upper Ring	Lower Ring	Shim	Shim Screw	Allen Key
..TD..	..TDQ..25..15	Descritpion	YATK-02	YAKV-30-M6x22	YABPL-01	-	YAADN-3-0001	YAAV-13-M5x8	YAAL-03-3
		EDP	18000075	18000091	18000058		18000142	18000163	18000061
	..25..15	Descritpion	YATK-02	YAKV-30-M6x22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



□: p. 42

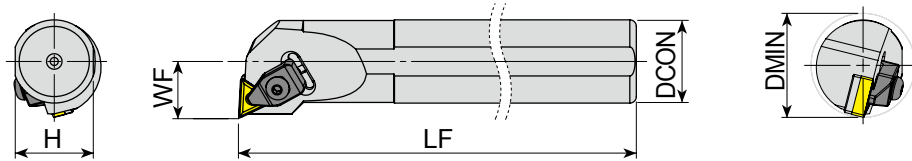
Unit:mm

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

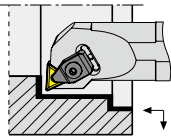
Turning - Holder - Internal

Double Clamp type for TN** Insert



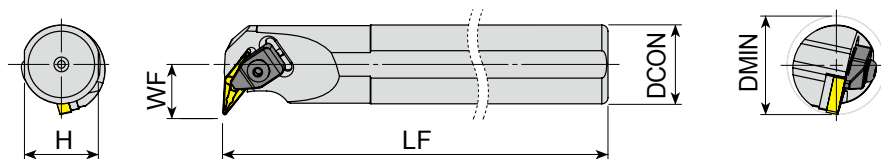
□ : p. 47

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	
	X S25S - TTUNR/L 22	1034 1035	32	25	23	17	250	TN2204
	S32T - TTUNR/L 22	1036 1037	40	32	30	22	300	
	X 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	Descritpion	YATK-01	YAKV-01-M5x22	YABPL-01	-	YAATN-2-0002	YAAV-03-M5x12	YAAL-03-3
		EDP	18000074	18000080	18000058		18000147	18000156	18000061
	..22	Descritpion	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



: p. 51

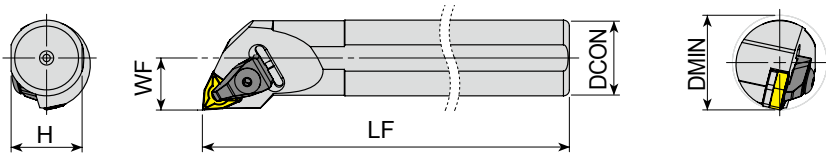
Unit:mm

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



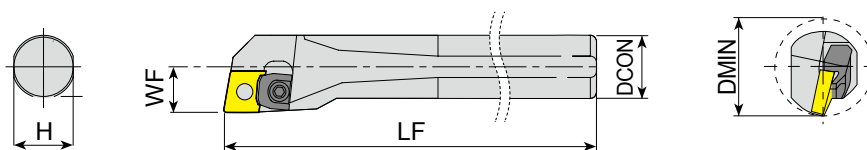
: p. 53

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	

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

Multi-Clamp type for CN** Insert



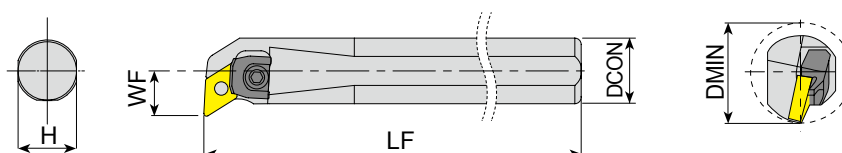
: p. 30

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
	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	-

Multi-Clamp type for DN** Insert



: p. 35

Unit:mm

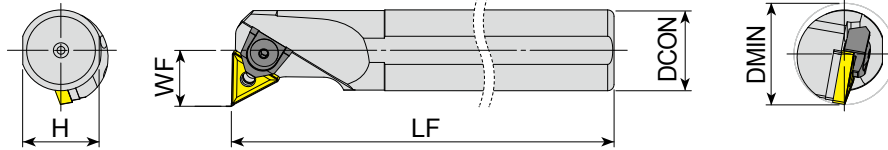
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..- MDUNR/L Approach angle 95°	S32T - MDUNR/L15	0928 0929	40	32	30	22	300	DN1506
	S40U - MDUNR/L15	0930 0931	50	40	37.5	27	350	
	S50V - MDUNR/L15	0932 0933	63	50	47	35	400	

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

Turning - Holder - Internal

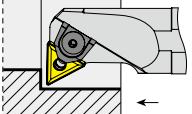
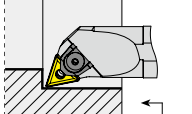
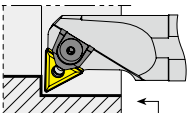
Multi-Clamp type for TN** Insert

...MTFNR Shown



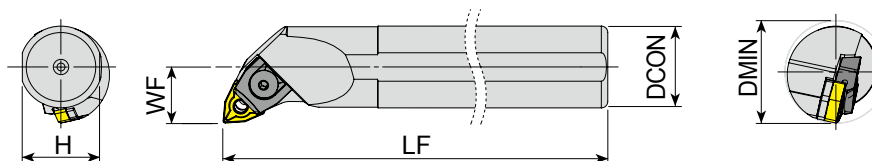
: p. 47

Unit:mm

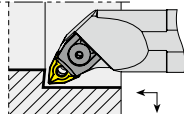
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ... MTFNR/L Approach angle 91°	S20R - MTFNR/L 16	0972 -	25	20	18.3	14	200	TN1604
	S25S - MTFNR/L 16	0973 0974	32	25	23	17	250	
	S32T - MTFNR/L 16	0975 0976	40	32	30	22	300	
	S40U - MTFNR/L 16	0977 0978	50	40	37.5	27	350	
	S32T - MTFNR/L 22	0979 0980	40	32	30	22	300	TN2204
	S40U - MTFNR/L 22	0981 0982	50	40	37.5	27	350	
	S50V - MTFNR/L 22	0983 -	63	50	47	35	400	
	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	
 ... MTQNR/L Approach angle 107.5°	S32T - MTQNR/L 22	0992 0993	40	32	30	22	300	
	S40U - MTQNR/L 22	0994 0995	50	40	37.5	27	350	TN2204
	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	TN1604
	S50V - MTUNR/L 22	1012 1013	63	50	47	35	400	
	S20R - MTUNR/L 16	0998 0999	25	20	18.3	13	200	
	S25S - MTUNR/L 16	1000 1001	32	25	23	17	250	
	S32T - MTUNR/L 16	1002 1003	40	32	30	22	300	TN1604
	S40U - MTUNR/L 16	1004 1005	50	40	37.5	27	350	
 ... MTUNR/L Approach angle 93°	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	Descriptpion	YAMK-02	YAKV-17-M5x15	-	-	YAPM-03	-	-	YAAL-03-3
		EDP	18000071	18000087	-	-	18000112	-	-	18000061
	..22	Descriptpion	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	Descriptpion	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	Descriptpion	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	Descriptpion	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	Descriptpion	YAMK-04	YAKV-30-M6x22	YABPL-01	YAS-01	-	YAATN-3-0015	YAPM-02	YAAL-03-3
		EDP	18000072	18000091	18000058	18000052	-	18000148	18000111	18000061

Multi-Clamp type for WN** Insert



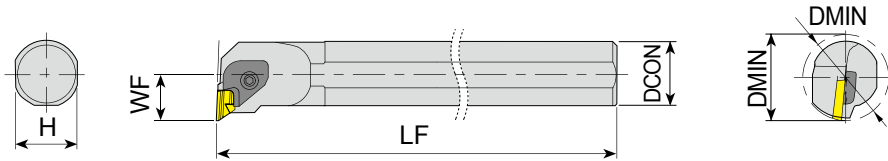
□: p. 53 Unit:mm

Series		Designation	EDP 2700.. 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

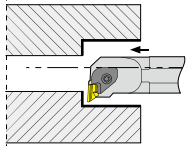
Turning - Holder - Internal

Top Clamp type for KN** Insert



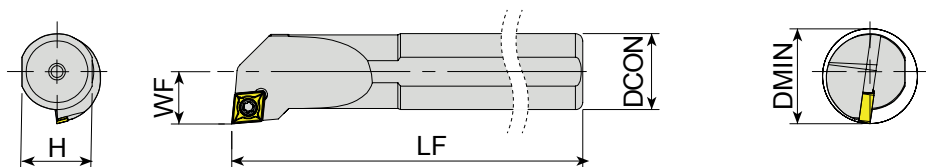
□: p. 41

Unit:mm

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

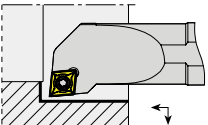
Series	Designation	Infomation	Clamp	Clamp Screw	Spring	Upper Ring	Shim	Shim Screw	Allen Key
..CK..	..16	Description	YACK-01-R	YAKV-06-M6x20	YAKY-02	YABPL-01	YAKS-16-R	YAAV-01-M3x10	YAAL-05-4
			YACK-02-L				YAKS-16-L		
		EDP	18000064 (18000063)	18000083	18000164	18000058	18000154 (18000153)	18000155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

Screw on type for CC** Insert



□: p. 57

Unit:mm

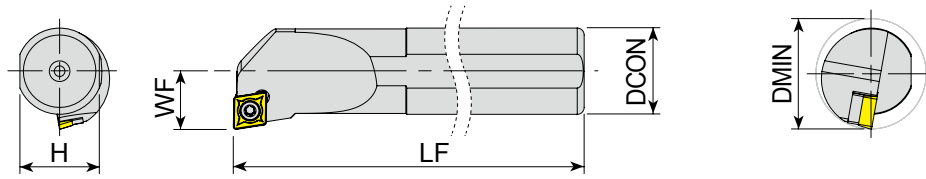
Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..- SCFCR/L Approach angle 91°		S08H - SCFCR/L 06	1102 1103	11	08	7.3	6	100	CC0602
	X	S10K - SCFCR/L 06	1104 1105	13	10	9	7	125	
		S12K - SCFCR/L 06	1106 1107	16	12	11	9	125	
		S12K - SCFCR/L 09	1108 1109	16	12	11	9	125	CC09T3
	X	S16P - SCFCR/L 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	Descriptpion	Y4008-M2.5x6	-	-	-	Y80-T08
	EDP	18000127	-	-	-	18000165
..12	Descriptpion	Y4020-M4.5x12	YAACN-2-0003	YAAV-10-M4.5x8	-	Y80-T20
	EDP	18000134	18000136	18000162	-	18000168
..SC..	Descriptpion	Y4015-M3.5x8	-	-	-	Y80-T15
	EDP	18000130	-	-	-	18000167
..16~20..09	Descriptpion	Y4015-M3.5x9	-	-	-	Y80-T15
	EDP	18000131	-	-	-	18000167
..25..09	Descriptpion	Y4015-M3.5x12	YAACN-2-0001	YAAV-08-M3.5x8	-	Y80-T15
	EDP	18000128	18000135	18000161	-	18000167

Turning - Holder - Internal

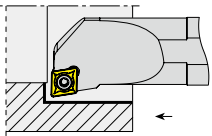
Screw on type for CC** Insert



□: p. 57

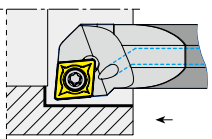
Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
●	A08H - SCLCR/L 06	1117 1118	11	08	7.3	6	100	CC0602
	A10H - SCLCR/L 06	1119 1120	13	10	9	7	100	
	A12H - SCLCR/L 06	1121 1122	16	12	11	9	100	
	S08H - SCLCR/L 06	1133 1134	11	08	7.3	6	100	
	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°



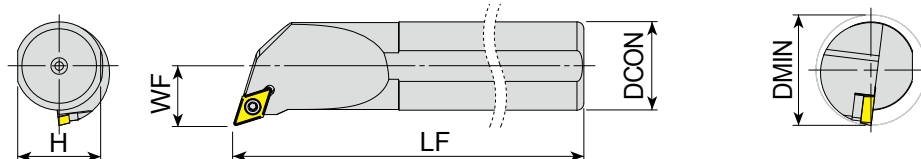
E..SCLCR/L
(Carbide Shank)

Approach angle
95°

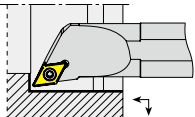
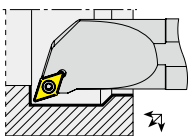
Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..SC..	..06	Description	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..12~09	Description	Y4015-M3.5x8	-	-	Y80-T15
		EDP	18000130	-	-	18000167
	..16~20..09	Description	Y4015-M3.5x9	-	-	Y80-T15
		EDP	18000131	-	-	18000167
	..25~32..09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



□ : p. 59 Unit:mm

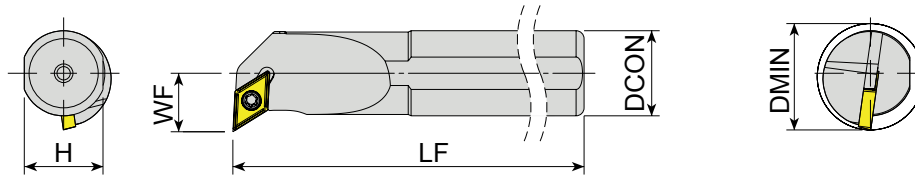
Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..SDPCR/L Approach angle 117.5°	S10K - SDPCR/L07	1162 1163	13	10	9	7	125	DC0702
	S12K - SDPCR/L07	1164 1165	16	12	11	9	125	
	S16P - SDPCR/L11	1166 1167	20	16	14.8	11	170	DC11T3
	S25S - SDPCR/L11	1170 1171	32	25	23	17	250	
 ..SDQCR/L Approach angle 107.5°	A10H - SDQCR/L 07	1172 1173	13	10	9	7	100	DC0702
	A12H - SDQCR/L 07	1174 1175	16	12	11	9	100	
	A16M - SDQCR/L 07	1176 1177	20	16	14.8	11	150	
	A20P - SDQCR/L 07	1178 1179	25	20	18.3	13	170	
	S10K - SDQCR/L 07	1188 1189	13	10	9	7	125	
	S12K - SDQCR/L 07	1190 1191	16	12	11	9	125	
	S16P - SDQCR/L 07	1192 1193	20	16	14.8	11	170	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	Descritpion	Y4008-M2.5x6	-	-	Y80-T08
		EDP	18000127	-	-	18000165
	..11	Descritpion	Y4008-M2.5x6	-	-	Y80-T15
		EDP	18000127	-	-	18000167
	..16..11	Descritpion	Y4015-M3.5x9	-	-	Y80-T15
		EDP	18000131	-	-	18000167
	..20..11	Descritpion	Y4015-M3.5x11	-	-	Y80-T15
		EDP	18000118	-	-	18000167
	..25..11	Descritpion	Y4015-M3.5x12	YAADN-2-0001	YAAV-08-M3.5x8	Y80-T15
		EDP	18000128	18000140	18000162	18000167
	..32..11	Descritpion	Y4015-M3.5x14	YAADN-2-0001	YAAV-06-M3.5x11	Y80-T15
		EDP	18000129	18000140	18000159	18000162

Turning - Holder - Internal

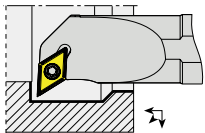
Screw on type for DC** Insert



□ : p. 59

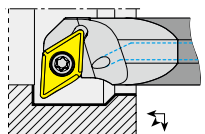
Unit:mm

Series	Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
●	A10H - SDUCR/L 07	1206 1207	13	10	9	8	100	DC0702
	A12H - SDUCR/L 07	1208 1209	16	12	11	9	100	
	A16M - SDUCR/L 07	1210 1211	20	16	14.8	11	150	
	A20P - SDUCR/L 07	1212 1213	25	20	18.3	13	170	
	S10K - SDUCR/L 07	1222 1223	13	10	9	8	125	
	S12K - SDUCR/L 07	1224 1225	16	12	11	9	125	
X	S16P - SDUCR/L 07	1226 1227	20	16	14.8	11	170	DC0702
	S20R - SDUCR/L 07	1228 1229	25	20	18.3	13	200	
	A16M - SDUCR/L 11	1214 1215	20	16	14.8	11	150	DC11T3
	A20P - SDUCR/L 11	1216 1217	25	20	18.3	13	170	
	A25R - SDUCR/L 11	1218 1219	32	25	23	17	200	
	A32S - SDUCR/L 11	1220 1221	40	32	30	22	250	
X	S16P - SDUCR/L 11	1230 1231	20	16	14.8	11	170	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	



..SDUCR/L

Approach angle
93°

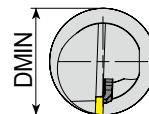
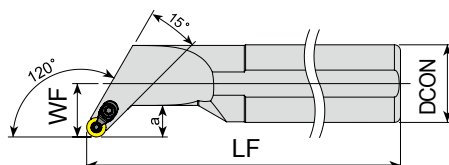
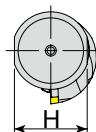


E..SDUCR/L
(Carbide Shank)

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

: p. 61

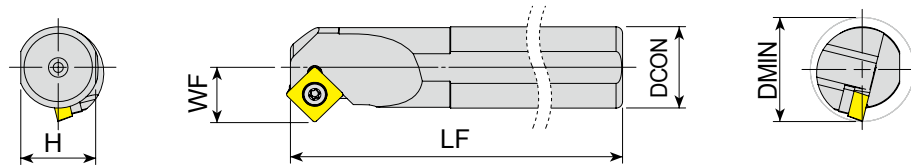
Unit:mm

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	Descriptpion	Y3008-M3x8	-	-	Y80-T08
		EDP	18000125			18000165
	..08C	Descriptpion	Y3008-M3x8	YACK-15	Y4015-M3.5x11	Y80-T08
		EDP	18000125	18000069	18000118	18000165

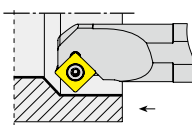
Turning - Holder - Internal

Screw on type for SC** Insert



□ : p. 63

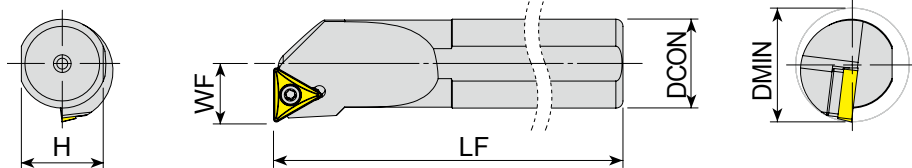
Unit:mm

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

Screw on type for TC** Insert

..STFCR Shown



□: p. 64 Unit:mm

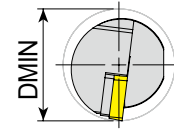
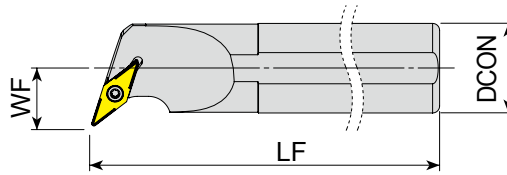
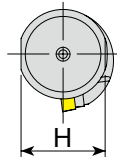
Series		Designation	EDP 2700.. R L	DMIN	DCON	H	WF	LF	Insert
 ..STFCR/L Approach angle 91°	X	S12K - STFCR/L 11	1264 1265	17	12	11	9	125	TC1102
		S16P - STFCR/L 11	1266 1267	20	16	14.8	11	170	
		S20R - STFCR/L 11	1268 1269	25	20	18.3	13	200	
		S16P - STFCR/L 16	1270 1271	20	16	14.8	11	170	
	X	S20R - STFCR/L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

Series	Designation	Information	Screw	Shim	Shim Screw	Torx Key
..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



: p. 66

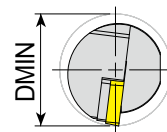
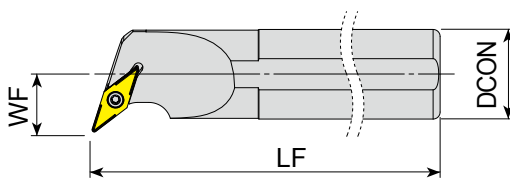
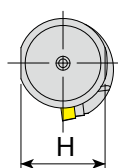
Unit:mm

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

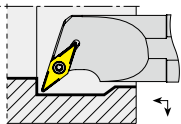
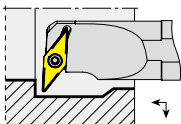
Screw on type for VC** Insert

..SVQCR Shown



□ : p. 67

Unit:mm

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

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