

SEC- Double Clamp D Type Tool Holders

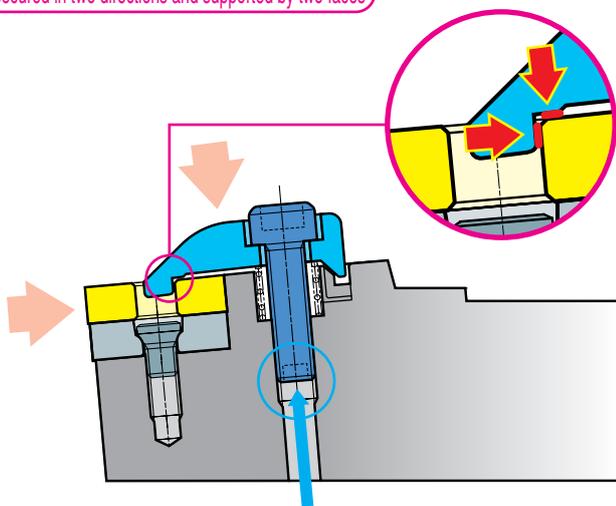


Characteristics

- Insert is clamped firmly for improved fracture resistance.
- High indexing accuracy improves machining accuracy.
- Insert can be changed from below the holder.
- Suitable for high efficiency machining and interrupted cutting in hardened steel.

Clamp Mechanism

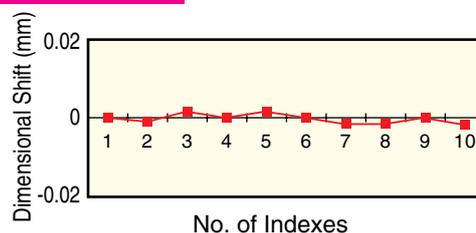
Secured in two directions and supported by two faces



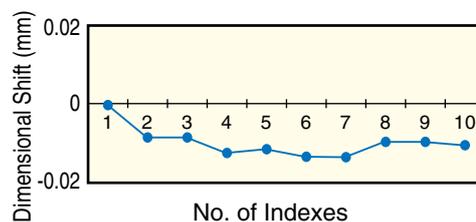
Insert can be changed from below the holder

Index Accuracy Comparison (Length wise)

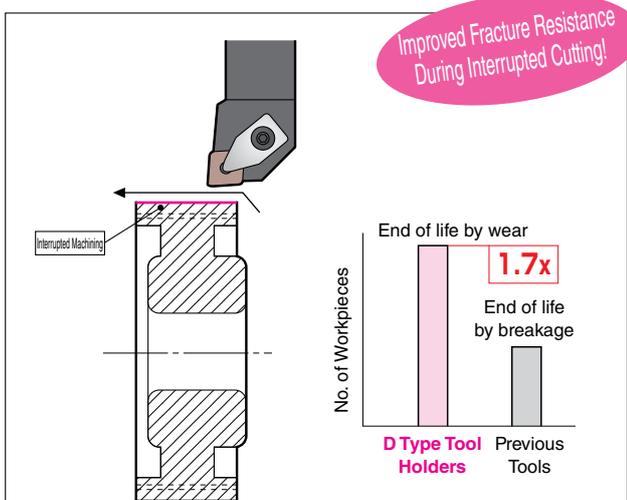
D Type Tool Holders



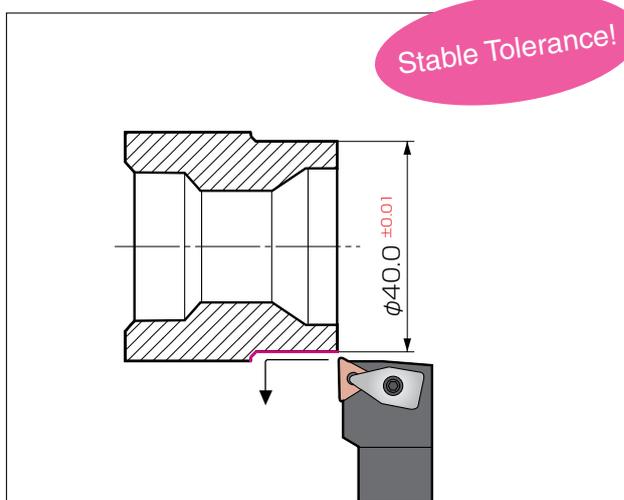
Lever Lock



Application Examples

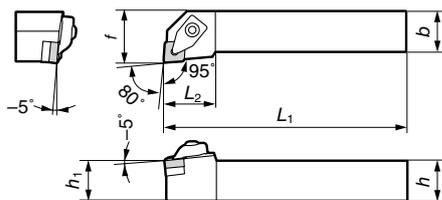
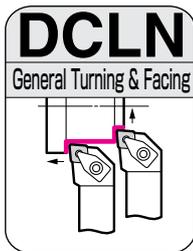
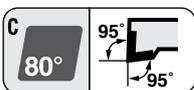


Holder : DCLNL2525M12
 Insert : CNMG 120408N-SU
 Grades : EH510Z(→Changed to AC510U)
 Work Material : Sintered Alloy
 Cutting Conditions : $v_c=150\text{m/min}$ $f=0.3\text{mm/rev}$ $a_p=0.2\text{mm}$ Wet



Holder : DTGNR2525M16
 Insert : 6NC-TNGA160408
 Grades : BNC150(→Changed to BNC160)
 Work Material : SCR420H(60HRC)
 Cutting Conditions : $v_c=150\text{m/min}$ $f=0.15\text{mm/rev}$ $a_p=0.1\text{mm}$ Dry

DCLN / PCLN Type



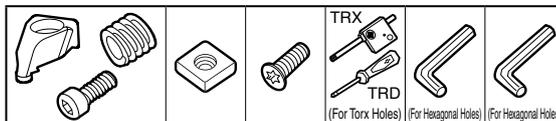
SEC- D Type Tool Holders

General Turning and Copying

Double Clamp

Spare Parts

* Item is sold separately

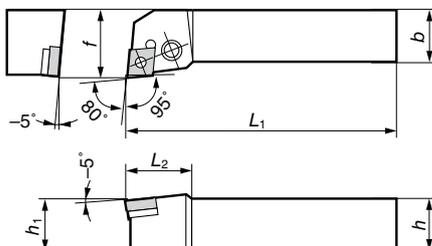
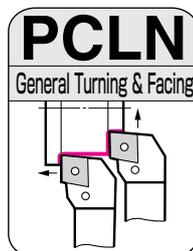


Holdings

Above figures show right hand tools.

Cat. No.	Stock		Dimensions (mm)						Applicable Inserts		Clamp Set	Recommended Tightening Torque (N·m)	Shim	Shim Screw	Shim Spanner	Spanner for Upper Surface	Spanner for Lower Surface
	R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page							
DCLN R/L2020K12	●	●	20	20	125	25	20	32	CN□□1204	From B21	SCP-2	5.0	CNS1204	BFTX0409N	TRX15 (*)	LH040	LH025
DCLN R/L2525M12	●	●	25	25	150	32	25	32	CN□□1606	From B24	SCP-3	5.0	CNS1606	BFTX0509N	TRX20 (*)	LH040	LH025
DCLN R/L2525M16	●	●	25	25	150	32	25	32									
DCLN R/L3232P16	●	●	32	32	170	40	32	32	CN□□1906	From B26	SCP-5	5.0	CNS1906	BFTX0511N	TRX20 (*)	LH040	LH025
DCLN R/L3232P19	●	●	32	32	170	40	32	42									
DCLN R/L4040S19	●	●	40	40	250	50	40	42	CN□□2509	B29	SCP-6	6.0	CNS2509	BFTX0615N	TRD25(*)	LH060	—
DCLN R/L4040S25	●	●	40	40	250	50	40	53									

Clamp Set Parts

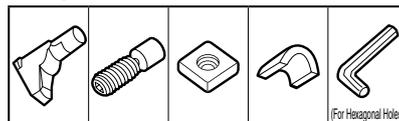


SEC- 70 Type Tool Holders

General Turning and Copying

Lever Lock

Spare Parts



Holdings

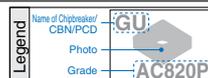
Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Applicable Inserts		Lever Pin	Bolt	Shim	Shim Pin	Spanner
		R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page					
PCLN R/L1616H0903	PCLN R/L1616-32	●	●	16	16	100	20	16	20	CN□□0903	B20	LCL3	LCS3	LSC32	LSP3	LH025
PCLN R/L2020K0904	PCLN R/L2020-33	●	●	20	20	125	25	20	20	CN□□0904	B21	LCL3	LCS3	LSC317	LSP3	LH025
PCLN R/L2525M0904	PCLN R/L2525-33	●	●	25	25	150	32	25	20							
PCLN R/L2020K12	PCLN R/L2020-43	●	●	20	20	125	25	20	28	CN□□1204	From B21	LCL4	LCS4	LSC42	LSP4	LH030
PCLN R/L2520M12	PCLN R/L2520-43	●	●	25	20	150	25	25	28							
PCLN R/L2525M12	PCLN R/L2525-43	●	●	25	25	150	32	25	28	CN□□1606	From B24	LCL5	LCS5	LSC53	LSP5	LH030
PCLN R/L3225P12	PCLN R/L3225-43	●	●	32	25	170	32	32	28							
PCLN R/L3232P12	PCLN R/L3232-43	●	●	32	32	170	40	32	28	CN□□1906	From B26	LCL6	LCS6	LSC63	LSP6	LH040
PCLN R/L2525M16	PCLN R/L2525-54	●	●	25	25	150	32	25	33							
PCLN R/L3225P16	PCLN R/L3225-54	●	●	32	25	170	32	32	33	CN□□1906	From B26	LCL6	LCS6	LSC63	LSP6	LH040
PCLN R/L3232P16	PCLN R/L3232-54	●	●	32	32	170	40	32	33							
PCLN R/L3225P19	PCLN R/L3225-64	●	●	32	25	170	32	32	38	CN□□1906	From B26	LCL6	LCS6	LSC63	LSP6	LH040
PCLN R/L3232P19	PCLN R/L3232-64	●	●	32	32	170	40	32	38							
PCLN R/L4040R19	PCLN R/L4040-64	●	●	40	40	200	50	40	38							

Applicable Inserts ◀ DCLN / PCLN / PCBN / PCFN Type

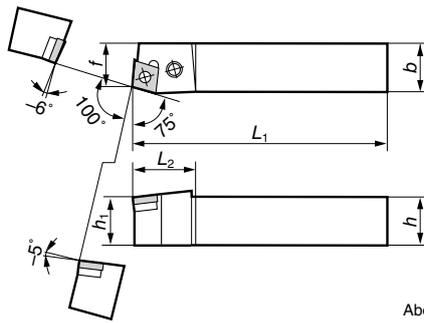
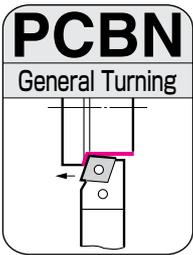
Recommended Inserts

- Please also refer to the selection guide for inserts. (from page A8)
- Some combinations need to be made-to-order or cannot be manufactured.



Applications Cutting State	P (Steel)			M (Stainless Steel)			K (Cast Iron)			N (Non-ferrous)	H (Hardened Steel)	
	Finishing	Medium	Rough Cutting	Finishing	Medium	Rough Cutting	High-Speed/Finishing	Finishing to Medium Cutting	Medium to Rough Cutting	—	Coated	Non-coated
Continuous Cutting	SU T1500Z	GU AC810P	MU AC820P	EF AC610M	EG AC6030M	EM AC6030M	SUMIBORON BN7000	UZ AC405K	GZ AC405K	SUMIDIA DA1000	SUMIBORON BNC2010	SUMIBORON BN1000
General Cutting	SU AC810P	GU AC820P	MU AC820P	EF AC6030M	EG AC6030M	EM AC6040M	SUMIBORON BN7000	GZ AC415K	GZ AC415K	SUMIDIA DA1000	SUMIBORON BNC2020	SUMIBORON BN1000
Interrupted Cutting	SX AC820P	UX AC830P	MX AC830P	EF AC6030M	EG AC6040M	EM AC6040M	SUMIBORON BN7000	GZ AC420K	No Breaker AC420K	SUMIDIA DA1000	SUMIBORON BNC300	SUMIBORON BN350
Recommended Cutting Conditions	From A8			From A18			From A22			From A32	From A28	

PCBN / PCFN Type

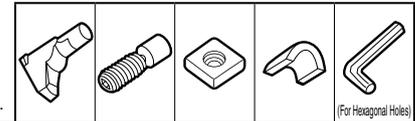


SEC- 70 Type Tool Holders

General Turning and Copying

Lever Lock

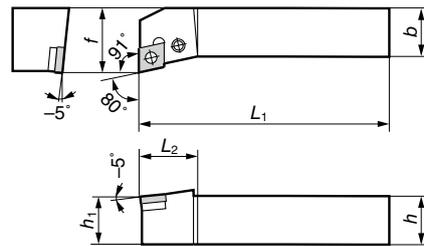
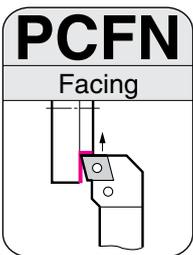
Spare Parts



Above figures show right hand tools.

External Holders

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Applicable Inserts		Lever Pin	Bolt	Shim	Shim Pin	Spanner
		R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page					
PCBN R/L2020K12	PCBN R/L2020-43	●	●	20	20	125	17	20	27	CN□□1204	From B21	LCL4	LCS4	LSC42	LSP4	LH030
PCBN R/L2520M12	PCBN R/L2520-43			25	20	150	17	25	27							
PCBN R/L2525M12	PCBN R/L2525-43	●	●	25	25	150	22	25	27							
PCBN R/L3225P12	PCBN R/L3225-43			32	25	170	22	32	27	CN□□1606	From B24	LCL5	LCS5	LSC53	LSP5	LH030
PCBN R/L2525M16	PCBN R/L2525-54			25	25	150	22	25	33							
PCBN R/L3225P16	PCBN R/L3225-54			32	25	170	22	32	33							
PCBN R/L3232P16	PCBN R/L3232-54			32	32	170	27	32	33	CN□□1906	From B26	LCL6	LCS6	LSC63	LSP6	LH040
PCBN R/L3232P19	PCBN R/L3232-64			32	32	170	27	32	38							
PCBN R/L4040R19	PCBN R/L4040-64			40	40	200	35	40	38							

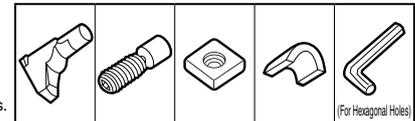


SEC- 70 Type Tool Holders

General Turning and Copying

Lever Lock

Spare Parts



Above figures show right hand tools.

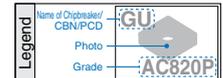
Negative Inserts

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Applicable Inserts		Lever Pin	Bolt	Shim	Shim Pin	Spanner
		R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page					
PCFN R/L2020K12	PCFN R/L2020-43	●	●	20	20	125	25	20	28	CN□□1204	From B21	LCL4	LCS4	LSC42	LSP4	LH030
PCFN R/L2520M12	PCFN R/L2520-43			25	20	150	25	25	28							
PCFN R/L2525M12	PCFN R/L2525-43	●	●	25	25	150	32	25	28							
PCFN R/L3225P12	PCFN R/L3225-43			32	25	170	32	32	28							

Note: When using right/left handed type inserts for facing, holder and insert are opposite handed.

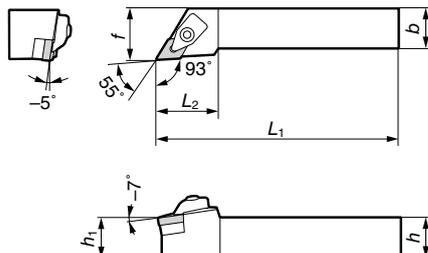
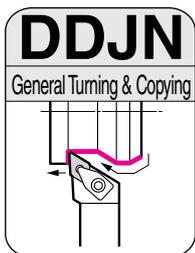
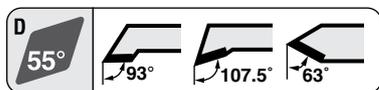
Applicable Inserts ◀ DCLN / PCLN / PCBN / PCFN Type

- Recommended Inserts**
- Please also refer to the selection guide for inserts. (from page A8)
 - Some combinations need to be made-to-order or cannot be manufactured.



Applications	P (Steel)			M (Stainless Steel)			K (Cast Iron)			N (Non-ferrous)	H (Hardened Steel)	
	Finishing	Medium	Rough Cutting	Finishing	Medium	Rough Cutting	High-Speed/Finishing	Finishing to Medium Cutting	Medium to Rough Cutting	—	Coated	Non-coated
Continuous Cutting	SU T1500Z	GU AC810P	MU AC820P	EF AC610M	EG AC6030M	EM AC6030M	SUMIBORON BN7000	UZ AC405K	GZ AC405K	SUMIDIA DA1000	SUMIBORON BNC2010	SUMIBORON BN1000
General Cutting	SU AC810P	GU AC820P	MU AC820P	EF AC6030M	EG AC6030M	EM AC6040M	SUMIBORON BN7000	GZ AC415K	GZ AC415K	SUMIDIA DA1000	SUMIBORON BNC2020	SUMIBORON BN1000
Interrupted Cutting	SX AC820P	UX AC830P	MX AC830P	EF AC6030M	EG AC6040M	EM AC6040M	SUMIBORON BN7000	GZ AC420K	No Breaker AC420K	SUMIDIA DA1000	SUMIBORON BNC300	SUMIBORON BN350
Recommended Cutting Conditions	From A8			From A18			From A22			From A32	From A28	

DDJN / DDHN / DDNN Type



SEC- D Type Tool Holders General Turning and Copying
Double Clamp

■ Holders

Above figures show right hand tools.

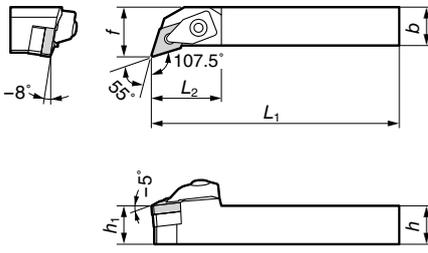
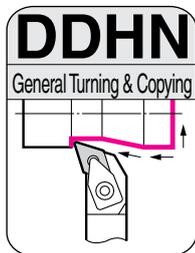
Cat. No.	Stock		Dimensions (mm)						Applicable Inserts	
	R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page
DDJN R/L2020K15	●	●	20	20	125	25	20	38	DN□□1504	From B31
DDJN R/L2525M15	●	●	25	25	150	32	25	38		
DDJN R/L2525M15E	●	●	25	25	150	32	25	38	DN□□1506	From B34

■ Spare Parts

* Item is sold separately

SCP-2	5.0	DNS1504 DNS1506	BFTX0409N	TRX15 (*)	LH040	LH025

Clamp Set Parts



SEC- D Type Tool Holders General Turning and Copying
Double Clamp

■ Holders

Above figures show right hand tools.

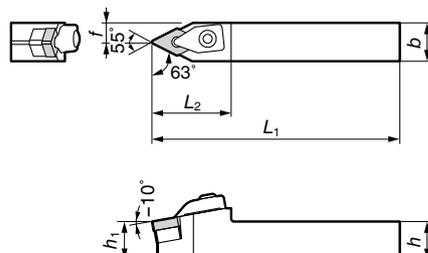
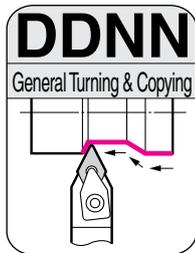
Cat. No.	Stock		Dimensions (mm)						Applicable Inserts	
	R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page
DDHN R/L2020K15	●	●	20	20	125	25	20	35	DN□□1504	From B31
DDHN R/L2525M15	●	●	25	25	150	32	25	35		

■ Spare Parts

* Item is sold separately

SCP-2	5.0	DNS1504	BFTX0409N	TRX15 (*)	LH040	LH025

Clamp Set Parts



SEC- D Type Tool Holders General Turning and Copying
Double Clamp

■ Holders

Cat. No.	Stock	Dimensions (mm)						Applicable Inserts	
		h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page
DDNN N2020K15	●	20	20	125	10.5	20	40	DN□□1504	From B31
DDNN N2525M15	●	25	25	150	13.0	25	40		

■ Spare Parts

* Item is sold separately

SCP-2	5.0	DNS1504	BFTX0409N	TRX15 (*)	LH040	LH025

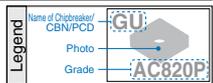
Clamp Set Parts

Applicable Inserts ← DDJN / DDHN / DDNN / PDJN Type

Recommended Inserts

- Please also refer to the selection guide for inserts. (from page A8)
- Some combinations need to be made-to-order or cannot be manufactured.

Applications	P (Steel)			M (Stainless Steel)			K (Cast Iron)			N (Non-ferrous)	H (Hardened Steel)	
	Finishing	Medium	Rough Cutting	Finishing	Medium	Rough Cutting	High-Speed/Finishing	Finishing to Medium Cutting	Medium to Rough Cutting	—	Coated	Non-coated
Continuous Cutting	SU T1500Z	GU AC810P	MU AC820P	EF AC610M	EG AC6030M	EM AC6030M	SUMIBORON BN7000	UZ AC405K	GZ AC405K	SUMIDIA DA1000	SUMIBORON BNC2010	SUMIBORON BN1000
General Cutting	SU AC810P	GU AC820P	MU AC820P	EF AC6030M	EG AC6030M	EM AC6040M	SUMIBORON BN7000	GZ AC415K	GZ AC415K	SUMIDIA DA1000	SUMIBORON BNC2020	SUMIBORON BN2000
Interrupted Cutting	SX AC820P	UX AC830P	MX AC830P	EF AC6030M	EG AC6040M	EM AC6040M	SUMIBORON BN7000	GZ AC420K	No Breaker AC420K	SUMIDIA DA1000	SUMIBORON BNC300	SUMIBORON BN350
Recommended Cutting Conditions	From A8			From A18			From A22			From A32	From A28	



External Holders

Negative Inserts

C

D

R

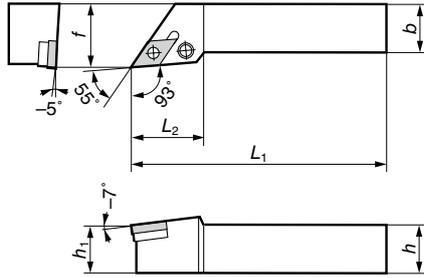
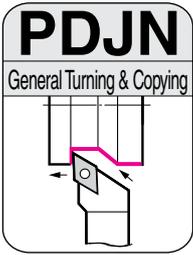
S

T

V

W

PDJN Type

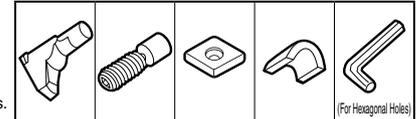


SEC- 70 Type Tool Holders

General Turning and Copying

Lever Lock

Spare Parts



■ Holders

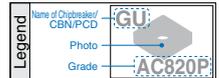
Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Applicable Inserts		Lever Pin	Bolt	Shim	Shim Pin	Spanner
		R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page					
PDJN R/L2020K11	PDJN R/L2020-33	●	●	20	20	125	25	20	25	DN□□1104	B30	LCL3	LCS3	LSD317	LSP3	LH025
PDJN R/L2525M11	PDJN R/L2525-33	●	●	25	25	150	32	25	25	DN□□1504	From B31	LCL4	LCS4	LSD42	LSP4	LH030
PDJN R/L2020K1504	PDJN R/L2020-43	●	●	20	20	125	25	20	35							
PDJN R/L2525M1504	PDJN R/L2525-43	●	●	25	25	150	32	25	35							
PDJN R/L3225P1504	PDJN R/L3225-43			32	25	170	32	32	35							
PDJN R/L3232P1504	PDJN R/L3232-43	●	●	32	32	170	40	32	35	DN□□1506	From B34	LCL4	LCS4	LSD42	LSP4	LH030
PDJN R/L2525M1506	PDJN R/L2525-44	●	●	25	25	150	32	25	35							
PDJN R/L3225P1506	PDJN R/L3225-44			32	25	170	32	32	35							
PDJN R/L3232P1506	PDJN R/L3232-44			32	32	170	40	32	35							

Applicable Inserts ◀ DDJN / DDHN / DDNN / PDJN Type

Recommended Inserts

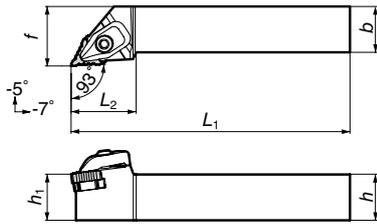
- Please also refer to the selection guide for inserts. (from page A8)
- Some combinations need to be made-to-order or cannot be manufactured.



Applications Cutting State	P (Steel)			M (Stainless Steel)			K (Cast Iron)			N (Non-ferrous)	H (Hardened Steel)	
	Finishing	Medium	Rough Cutting	Finishing	Medium	Rough Cutting	High-Speed/Finishing	Finishing to Medium Cutting	Medium to Rough Cutting	—	Coated	Non-coated
Continuous Cutting	SU T1500Z	GU AC810P	MU AC820P	EF AC610M	EG AC6030M	EM AC6030M	SUMIBORON BN7000	UZ AC405K	GZ AC405K	SUMIDIA DA1000	SUMIBORON BNC2010	SUMIBORON BN1000
General Cutting	SU AC810P	GU AC820P	MU AC820P	EF AC6030M	EG AC6030M	EM AC6040M	SUMIBORON BN7000	GZ AC415K	GZ AC415K	SUMIDIA DA1000	SUMIBORON BNC2020	SUMIBORON BN2000
Interrupted Cutting	SX AC820P	UX AC830P	MX AC830P	EF AC6030M	EG AC6040M	EM AC6040M	SUMIBORON BN7000	GZ AC420K	No Breaker AC420K	SUMIDIA DA1000	SUMIBORON BNC300	SUMIBORON BN350
Recommended Cutting Conditions	From A8			From A18			From A22			From A32	From A28	



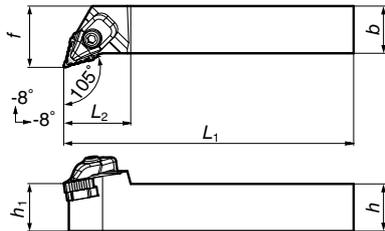
External Copying



■ Holders

Above figures show right hand tools.

Cat. No.	Stock		Dimensions (mm)					
	R	L	h	b	L ₁	f	h ₁	L ₂
DTR55C R/L2020-K17	●	●	20	20	125	25	20	35
DTR55C R/L2525-M17	●	●	25	25	150	32	25	35



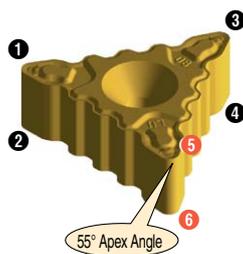
Above figures show right hand tools.

Cat. No.	Stock		Dimensions (mm)					
	R	L	h	b	L ₁	f	h ₁	L ₂
DTR55Q R/L2020-K17	●	●	20	20	125	28.5	20	35
DTR55Q R/L2525-M17	●	●	25	25	150	32.0	25	35

Refer to page E67 for details on the S-DTR55C type for internal copying.

■ Characteristics

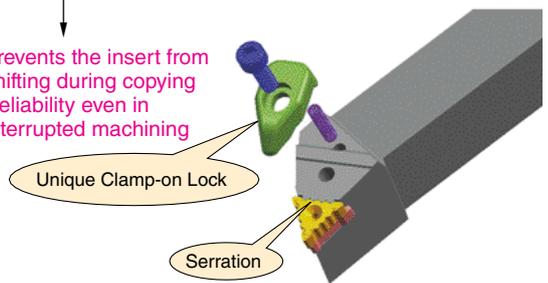
- **55° Included Angle**
1.5 times more cutting edges as compared to DNMG inserts!



● Extra-Strong Clamping

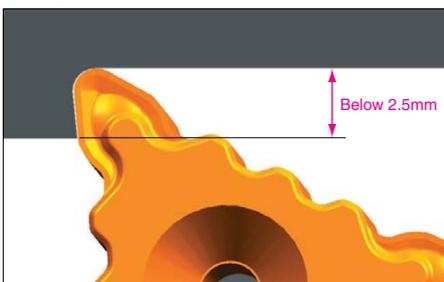
Extra strong and rigid clamping with unique clamp on lock and serrated insert design.

- Prevents the insert from shifting during copying
- Reliability even in interrupted machining



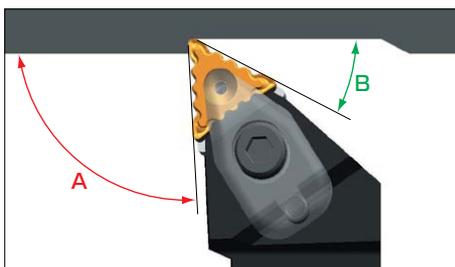
■ Important Note

● Depth of Cut



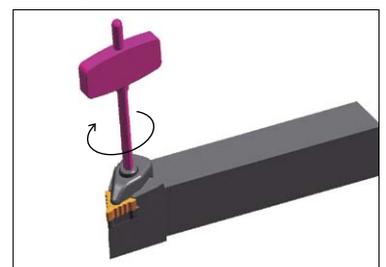
Maximum depth of cut should be 2.5mm

● Cutting Edge Angle



Cat. No.	A	B	Note
DTR55C	93°	27°	Approach angle of major cutting edge is 95.5°.
DTR55Q	105°	15°	Approach angle of major cutting edge is 107.5°.

● Torque



Please use the included special spanner TSW040 (3.5 to 4.5N·m torque is recommended).

SumiTurn T-REX

● T-REX Insert and Holders Identification

Insert

TRM 55 17 08 -GU
 T-REX Inserts Angle Nose Radius Name of Chipbreaker
 Insert Size

External Holder

DTR 55 C R 2525 -M 17
 T-REX Holders Angle Feed Direction Shank Length Insert Size
 Approach Angle Shank Sizes

Note: Approach Angle

C ···· 93° (95.5° for major cutting edge)

Q ···· 105° (107.5° for major cutting edge)

■ Spare Parts (Common)

* Item is sold separately.

			Recommended Tightening Torque (N·m)
TRCP3	S-SP4-20	BX0520	3.5 to 4.5

TRW5505	BFTX0307N	TSW040	TRX10(*)

C External Holders

Negative Inserts

C

D

R

S

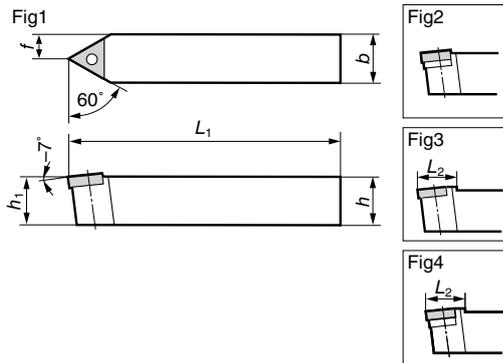
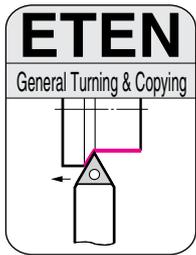
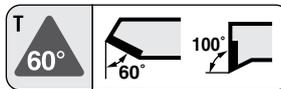
T

V

W

Special

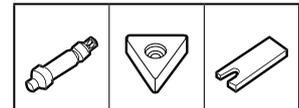
ETEN / ETXN Type



SEC- 30 Type Tool Holders

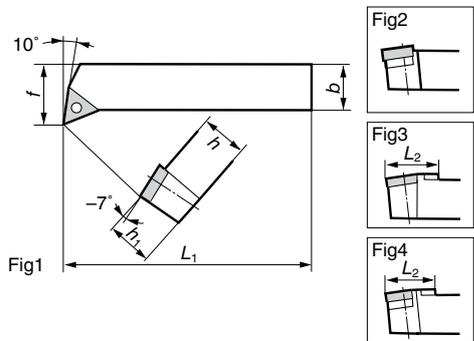
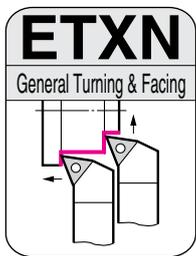
General Turning
Pin Lock

■ Spare Parts



■ Holders

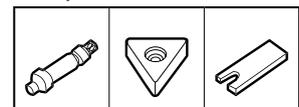
Cat. No.	Conventional Cat. No.	Stock	Dimensions (mm)							Fig	Applicable Inserts		Pin	Shim	Spanner
			h	b	L ₁	f	h ₁	L ₂	Cat. No.		Ref. Page				
ETEN N1212F11	ETEN N1212	●	12	12	80	6.0	11.5	-	1	TN□□1103	B52	P221US	-	KY25	
ETEN N1616H1603	ETEN N1616H32	●	16	16	100	8.0	15.5	-	1	TN□□1603	B53	P322US	-	KY40	
ETEN N1616H1604	ETEN N1616H33	●	16	16	100	8.0	15.5	-	1	TN□□1604	From B54	P332US	-		
ETEN N2020K1603	ETEN N2020K32	●	20	20	125	10.0	19.5	-	1	TN□□1603	B53	P323US	-		
ETEN N2020K1603W	ETEN N2020K32W	●	20	20	125	10.0	19.5	-	2	TN□□1603	B53	P323WS	EST32		
ETEN N2020K1604	ETEN N2020K33	●	20	20	125	10.0	19.5	-	1	TN□□1604	From B54	P333US	-		
ETEN N2020K1604W	ETEN N2020K33W	●	20	20	125	10.0	19.5	-	2			P333WS	EST32		
ETEN N2520M1604	ETEN N2520	●	25	20	150	10.0	24.5	-	1			P334US	-		
ETEN N2520M1604W	ETEN N2520W	●	25	20	150	10.0	24.5	-	2			P334WS	EST32		
ETEN N2525M1604	ETEN N2525M33	●	25	25	150	12.5	24.5	-	1	TN□□1604	From B54	P334US	-		
ETEN N2525M1604W	ETEN N2525M33W	●	25	25	150	12.5	24.5	-	2	TN□□1604	From B54	P334WS	EST32		
ETEN N2525M22	ETEN N2525M43	●	25	25	150	12.5	24.5	30	3	TN□□2204	B59	P434U	-		
ETEN N2525M22W	ETEN N2525M43W	●	25	25	150	12.5	24.5	30	4	TN□□2204	B59	P434W	EST43		



SEC- 30 Type Tool Holders

General Turning
Pin Lock

■ Spare Parts



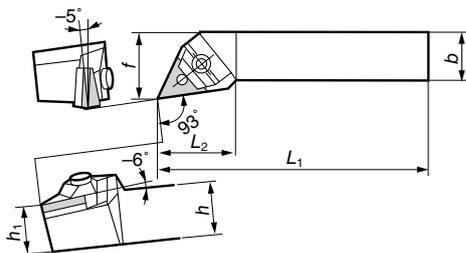
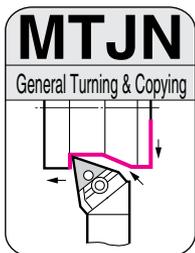
■ Holders

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)							Fig	Applicable Inserts		Pin	Shim	Spanner
		R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.		Ref. Page				
ETXN R/L1212F11	ETXN R/L1212	●	●	12	12	80	16	11.5	-	1	TN□□1103	B52	P221US	-	KY25	
ETXN R/L1616H1603	ETXN R/L1616H32	●	●	16	16	100	20	15.5	-	1	TN□□1603	B53	P322US	-	KY40	
ETXN R/L1616H1604	ETXN R/L1616H33	●	●	16	16	100	20	15.5	-	1	TN□□1604	From B54	P332US	-		
ETXN R/L2020K1603	ETXN R/L2020K32	●	●	20	20	125	25	19.5	-	1	TN□□1603	B53	P323US	-		
ETXN R/L2020K1603W	ETXN R/L2020K32W	●	●	20	20	125	25	19.5	-	2	TN□□1603	B53	P323WS	EST32		
ETXN R/L2020K1604	ETXN R/L2020K33	●	●	20	20	125	25	19.5	-	1	TN□□1604	From B54	P333US	-		
ETXN R/L2020K1604W	ETXN R/L2020K33W	●	●	20	20	125	25	19.5	-	2			P333WS	EST32		
ETXN R/L2520M1604	ETXN R/L2520	●	●	25	20	150	25	24.5	-	1			P334US	-		
ETXN R/L2520M1604W	ETXN R/L2520W	●	●	25	20	150	25	24.5	-	2			P334WS	EST32		
ETXN R/L2525M1604	ETXN R/L2525M33	●	●	25	25	150	32	24.5	-	1	TN□□1604	From B54	P334US	-		
ETXN R/L2525M1604W	ETXN R/L2525M33W	●	●	25	25	150	32	24.5	-	2	TN□□1604	From B54	P334WS	EST32		
ETXN R/L2525M22	ETXN R/L2525M43	●	●	25	25	150	32	24.5	30	3	TN□□2204	B59	P434U	-		
ETXN R/L2525M22W	ETXN R/L2525M43W	●	●	25	25	150	32	24.5	30	4	TN□□2204	B59	P434W	EST43		

Note: When using right/left handed type inserts for facing, holder and insert are opposite handed.

MTJN / MTXN Type



SEC- M Type Tool Holders

General Turning and Copying
Top Clamp + Pin Lock

Spare Parts

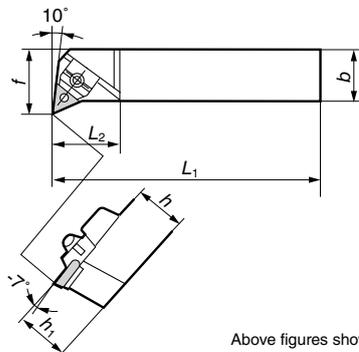
Clamp	Pin	Shim	Bolt	Recommended Tightening Torque (N·m)	Nut	Ring	Screw Spanner	Nut Spanner
MMW30	MP317S MP320S MP320S	STW323	BHA0525	4.0	CPM32N	ER04	LH030	LH030
MMW40	MP420 MP420	STW434	BHA0625	4.5	CPM43N	ER05	LH040	LH030

Holders

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Applicable Inserts		Clamp	Pin	Shim	Bolt	Recommended Tightening Torque (N·m)	Nut	Ring	Screw Spanner	Nut Spanner
		R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page									
* MTJN R/L2020K16	MTJN R/L2020-33	●	●	20	20	125	25	20	32	TN□□1604	From B54	MMW30	MP317S MP320S MP320S	STW323	BHA0525	4.0	CPM32N	ER04	LH030	LH030
** MTJN R/L2520M16	MTJN R/L2520-33	●	●	25	20	150	25	25	32	TN□□1604	From B54	MMW30	MP317S MP320S MP320S	STW323	BHA0525	4.0	CPM32N	ER04	LH030	LH030
** MTJN R/L2525M16	MTJN R/L2525-33	●	●	25	25	150	32	25	32	TN□□1604	From B54	MMW30	MP317S MP320S MP320S	STW323	BHA0525	4.0	CPM32N	ER04	LH030	LH030
MTJN R/L2525M22	MTJN R/L2525-43	●	●	25	25	150	32	25	38	TN□□2204	B59	MMW40	MP420 MP420	STW434	BHA0625	4.5	CPM43N	ER05	LH040	LH030
MTJN R/L3225P22	MTJN R/L3225-43	●	●	32	25	170	32	32	38	TN□□2204	B59	MMW40	MP420 MP420	STW434	BHA0625	4.5	CPM43N	ER05	LH040	LH030

When using CIS standard inserts, Pin for holders marked * is MP317 and for holders marked ** is MP320.



SEC- M Type Tool Holders

General Turning and Copying
Top Clamp + Pin Lock

Spare Parts

Clamp	Pin	Shim	Bolt	Recommended Tightening Torque (N·m)	Nut	Ring	Screw Spanner	Nut Spanner
MMW30	MP317S MP320S	STW323	BHA0525	4.0	CPM32N	ER04	LH030	LH030
MMW40	MP420	STW434	BHA0625	4.5	CPM43N	ER05	LH040	LH030

Holders

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Applicable Inserts		Clamp	Pin	Shim	Bolt	Recommended Tightening Torque (N·m)	Nut	Ring	Screw Spanner	Nut Spanner
		R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page									
* MTXN R/L2020K16	MTXN R/L2020-33	●	●	20	20	125	25	20	32	TN□□1604	From B54	MMW30	MP317S MP320S	STW323	BHA0525	4.0	CPM32N	ER04	LH030	LH030
** MTXN R/L2525M16	MTXN R/L2525-33	●	●	25	25	150	32	25	32	TN□□1604	From B54	MMW30	MP317S MP320S	STW323	BHA0525	4.0	CPM32N	ER04	LH030	LH030
MTXN R/L2525M22	MTXN R/L2525-43	●	●	25	25	150	32	25	38	TN□□2204	B59	MMW40	MP420	STW434	BHA0625	4.5	CPM43N	ER05	LH040	LH030

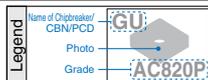
When using CIS standard inserts, Pin for holders marked * is MP317 and for holders marked ** is MP320.

Note: When using right/left handed type inserts for facing, holder and insert are opposite handed.

Applicable Inserts ← DTGN/DTFN/PTGN/PTTN/PTFN/ETGN/ETAN/ETFN/ETEN/ETXN/MTJN/MTXN Type

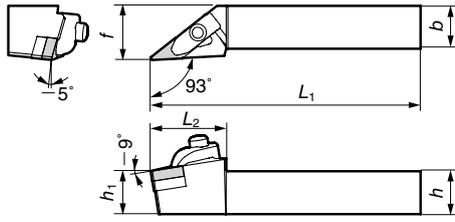
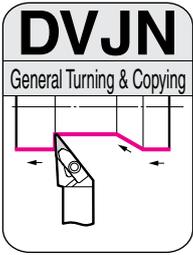
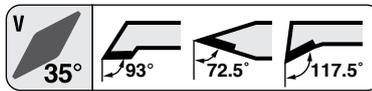
Recommended Inserts

- Please also refer to the selection guide for inserts. (from page A8)
- Some combinations need to be made-to-order or cannot be manufactured.



Applications	P (Steel)			M (Stainless Steel)			K (Cast Iron)			N (Non-ferrous)	H (Hardened Steel)	
	Finishing	Medium	Rough Cutting	Finishing	Medium	Rough Cutting	High-Speed/Finishing	Finishing to Medium Cutting	Medium to Rough Cutting	—	Coated	Non-coated
Continuous Cutting	SU	GU	MU	EF	EG	EM	SUMIBORON	UZ	GZ	SUMIDIA	SUMIBORON	SUMIBORON
General Cutting	T1500Z	AC810P	AC820P	AC610M	AC6030M	AC6030M	BN7000	AC405K	AC405K	DA1000	BNC2010	BN1000
		SU	GU	MU	EF	EG	EM	SUMIBORON	GZ	GZ	SUMIDIA	SUMIBORON
Interrupted Cutting	AC810P	AC820P	AC820P	AC6030M	AC6030M	AC6040M	BN7000	AC415K	AC415K	DA1000	BNC2020	BN2000
	SX	UX	MX	EF	EG	EM	SUMIBORON	GZ	No Breaker	SUMIDIA	SUMIBORON	SUMIBORON
Recommended Cutting Conditions	From A8			From A18			From A22			From A32	From A28	

DVJN / DVVN / DVQN Type



■ Holders

Above figures show right hand tools.

Cat. No.	Stock		Dimensions (mm)						Applicable Inserts	
	R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page
DVJN R/L2020K16	●	●	20	20	125	25	20	35	VN□□1604	From B64
DVJN R/L2525M16	●	●	25	25	150	32	25	35		

SEC- D Type Tool Holders

General Turning and Copying

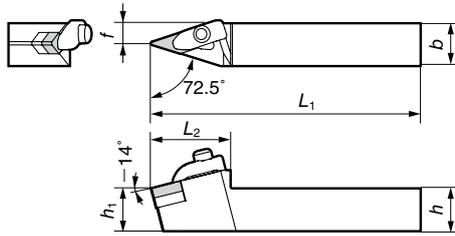
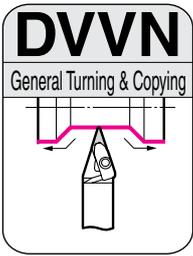
Double Clamp

■ Spare Parts

* Item is sold separately.

SCP-4	5.0	VNS1604	BFTX0307N	TRX10 (*)	LH040	LH025

Clamp Set Parts



■ Holders

Cat. No.	Stock		Dimensions (mm)						Applicable Inserts	
	R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page
DVVN N2020K16	●	●	20	20	125	10.0	20	37	VN□□1604	From B64
DVVN N2525M16	●	●	25	25	150	12.5	25	37		

SEC- D Type Tool Holders

General Turning and Copying

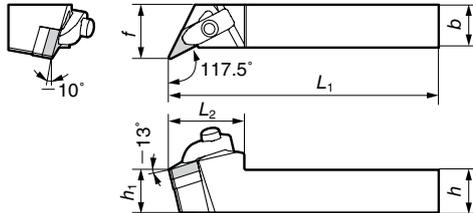
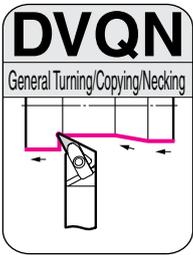
Double Clamp

■ Spare Parts

* Item is sold separately.

SCP-4	5.0	VNS1604	BFTX0307N	TRX10 (*)	LH040	LH025

Clamp Set Parts



■ Holders

Above figures show right hand tools.

Cat. No.	Stock		Dimensions (mm)						Applicable Inserts	
	R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page
DVQN R/L2020K16	●	●	20	20	125	25	20	35	VN□□1604	From B64
DVQN R/L2525M16	●	●	25	25	150	32	25	35		

SEC- D Type Tool Holders

General Turning and Copying

Double Clamp

■ Spare Parts

* Item is sold separately.

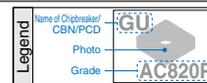
SCP-4	5.0	VNS1604	BFTX0307N	TRX10 (*)	LH040	LH025

Clamp Set Parts

Applicable Inserts ◀ DVJN/DVVN/DVQN Type

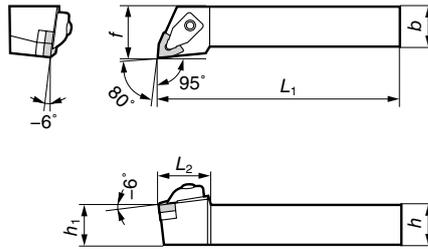
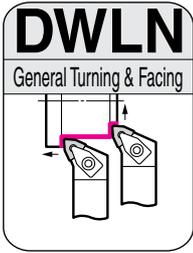
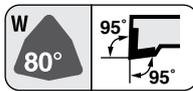
Recommended Inserts

- Please also refer to the selection guide for inserts. (from page A8)
- Some combinations need to be made-to-order or cannot be manufactured.



Applications	P (Steel)		M (Stainless Steel)		K (Cast Iron)		N (Non-ferrous)	H (Hardened Steel)	
	Finishing	Medium	Finishing	Medium	High-Speed/Finishing	Finishing to Medium Cutting	—	Coated	Non-coated
Continuous Cutting	SU T1500Z	GU AC810P	EF AC610M	EG AC6030M	SUMIBORON BN700	UZ AC405K	SUMIDIA DA1000	SUMIBORON BNC2010	SUMIBORON BN1000
General Cutting	SU AC810P	GU AC820P	EF AC6030M	EG AC6030M	SUMIBORON BN700	GZ AC415K	SUMIDIA DA1000	SUMIBORON BNC2020	SUMIBORON BN2000
Interrupted Cutting	SX AC820P	UX AC830P	EF AC6030M	EG AC6040M	SUMIBORON BN700	GZ AC420K	SUMIDIA DA1000	SUMIBORON BNC300	SUMIBORON BN350
Recommended Cutting Conditions	From A8		From A18		From A22		From A32	From A28	

DWLN / PWLN / MWLN Type



SEC- D Type Tool Holders

General Turning and Copying
Double Clamp

■ Holders

Above figures show right hand tools.

Cat. No.	Stock		Dimensions (mm)						Applicable Inserts	
	R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page
DWLN R/L2020K08	●	●	20	20	125	25	20	32	WN□□0804	From B68
DWLN R/L2525M08	●	●	25	25	150	32	25	32		

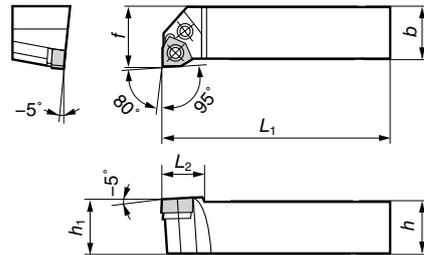
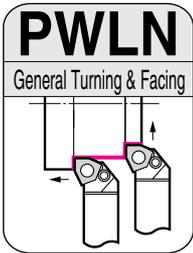
Note: When using right/left handed type inserts for facing, holder and insert are opposite handed.

■ Spare Parts

* Item is sold separately.

SCP-2	5.0	WNS0804	BFTX0409N	TRX15 (*)	LH040	LH025

Clamp Set Parts



SEC- 70 Type Tool Holders

General Turning and Copying
Lever Lock

■ Holders

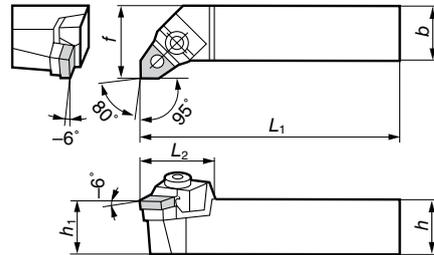
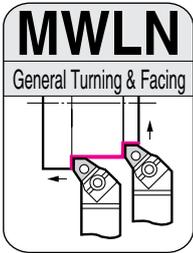
Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Applicable Inserts		Lever Pin	Bolt	Shim	Shim Pin	Spanner
		R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page					
PWLN R/L2020K06	PWLN R/L2020-33	●	●	20	20	125	25	20	17	WN□□0604	B67	LCL3	LCS3	LSW317	LSP3	LH025
PWLN R/L2525M06	PWLN R/L2525-33	●	●	25	25	150	32	25	17							

Note: When using right/left handed type inserts for facing, holder and insert are opposite handed.

■ Spare Parts

LCL3	LCS3	LSW317	LSP3	LH025



SEC- M Type Tool Holders

General Turning and Copying
Top Clamp + Pin Lock

■ Holders

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Applicable Inserts	
		R	L	h	b	L ₁	f	h ₁	L ₂	Cat. No.	Ref. Page
MWLN R/L2020K08	MWLN R/L2020-43	●	●	20	20	125	25	20	32	WN□□0804	From B68
MWLN R/L2525M08	MWLN R/L2525-43	●	●	25	25	150	32	25	32		
MWLN R/L3225P08	MWLN R/L3225-43	●	●	32	25	170	32	32	32		

Note: When using right/left handed type inserts for facing, holder and insert are opposite handed.

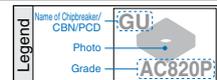
■ Spare Parts

MWW40	MP416 MP420 MP420	SWW433	BHA0625	4.5	CPM43S CPM43N CPM43N	ER05	LH040 LH030

Applicable Inserts ← DWLN / PWLN / MWLN Type

Recommended Inserts

- Please also refer to the selection guide for inserts. (from page A8)
- Some combinations need to be made-to-order or cannot be manufactured.



Applications	P (Steel)			M (Stainless Steel)			K (Cast Iron)			H (Hardened Steel)	
	Finishing	Medium	Rough Cutting	Finishing	Medium	Rough Cutting	High-Speed Finishing	Finishing to Medium Cutting	Medium to Rough Cutting	Coated	Non-coated
Continuous Cutting	SU T1500Z	GU AC810P	MU AC820P	EF AC610M	EG AC6030M	EM AC6030M	SUMIBORON BN7000	UZ AC405K	GZ AC405K	SUMIBORON BNC2010	SUMIBORON BN1000
General Cutting	SU AC810P	GU AC820P	MU AC820P	EF AC6030M	EG AC6030M	EM AC6040M	SUMIBORON BN7000	GZ AC415K	GZ AC415K	SUMIBORON BNC2020	SUMIBORON BN2000
Interrupted Cutting	SX AC820P	UX AC830P	MX AC830P	EF AC6030M	EG AC6040M	EM AC6040M	SUMIBORON BN7000	GZ AC420K	No Breaker AC420K	SUMIBORON BNC300*	SUMIBORON BN350
Recommended Cutting Conditions	From A8			From A18			From A22			From A28	

* Made-to-order item

External Holders

Negative Inserts

C

D

R

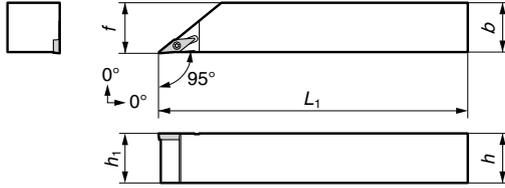
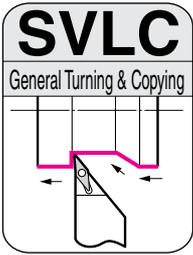
S

T

V

W

SVLC / SVVC / SVPC Type



SEC- SV Type MINI Tool Holders

General Turning and Copying

Screw-on

Spare Parts

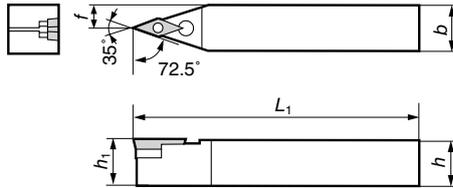
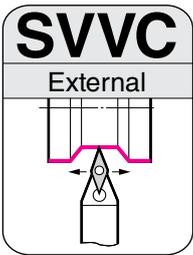
Screw	Spanner (For Torx Holes)
VC□□1103	From B119
BFTX2508NV	1.5
	TRX08

■ Holders

Above figures show right hand tools.

Cat. No.	Stock		Dimensions (mm)					Applicable Inserts	
	R	L	h	b	L ₁	f	h ₁	Cat. No.	Ref. Page
SVLC R/L1010-H11	●	●	10	10	100	10.5	10	VC□□1103	From B119
SVLC R/L1212-H11	●	●	12	12	100	12.5	12		
SVLC R/L1616-H11	●	●	16	16	100	16.5	16		
SVLC R/L2020-K11*	●	●	20	20	125	20.5	20		
SVLC R/L2525-M11	●	●	25	25	150	25.5	25		

* Previous Cat. No. SVLC R/L 2020-H11



SEC- SV Type Copying Tool Holders

Necking

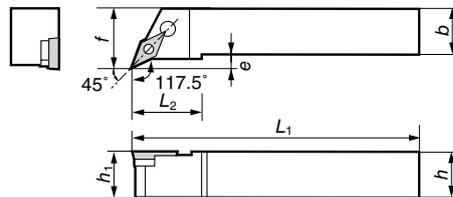
Screw-on

■ Spare Parts

Pin	Nut	Shim	Screw	Spanner (For Torx Holes)	Nut Spanner (For Hexagonal Holes)
VP20	CPV33N	SVP32	BFTX03508	2.0	TRX10
VP25					
VP32					

■ Holders

Cat. No.	Conventional Cat. No.	Stock	Dimensions (mm)					Applicable Inserts	
			h	b	L ₁	f	h ₁	Cat. No.	Ref. Page
SVVC N2020K16	SVVC N2020-33	●	20	20	125	10.0	20	VC□□1604	From B120
SVVC N2525M16	SVVC N2525-33	●	25	25	150	12.5	25		
SVVC N3225P16	SVVC N3225-33	●	32	25	170	12.5	32		



SEC- SV Type Copying Tool Holders

Necking

Screw-on

■ Spare Parts

Pin	Nut	Shim	Screw	Spanner (For Torx Holes)	Nut Spanner (For Hexagonal Holes)
—	—	—	BFTX2508NV	1.5	TRX08
VP20	CPV33N	SVP32	BFTX03508	2.0	TRX10
VP25					
VP32					

■ Holders

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)							Applicable Inserts	
		R	L	h	b	L ₁	f	h ₁	L ₂	e	Cat. No.	Ref. Page
SVPC R/L1010-H11	—	●	●	10	10	100	14.5	10	—	4.5	VC□□1103	From B119
SVPC R/L1212-H11	—	●	●	12	12	100	16.5	12	—	4.5		
SVPC R/L1616-H11	—	●	●	16	16	100	20.5	16	—	4.5		
SVPC R/L2020K16	SVPC R/L2020-33	●	●	20	20	125	25	20	35	5.0	VC□□1604	From B120
SVPC R/L2525M16	SVPC R/L2525-33	●	●	25	25	150	32	25	35	7.0		
SVPC R/L3225P16	SVPC R/L3225-33	●	●	32	25	170	32	32	35	7.0		

External Holders

Positive Inserts

C

D

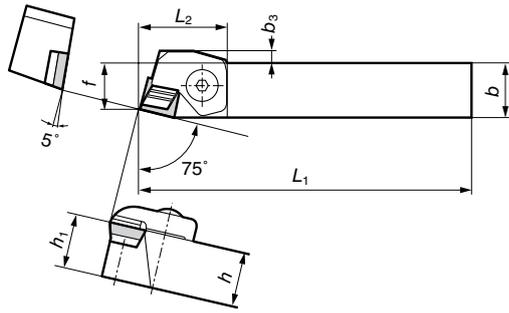
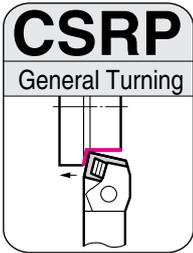
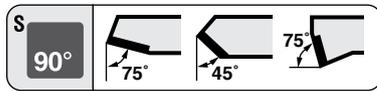
R

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V

W



SEC- 40 Type Tool Holders

General Turning

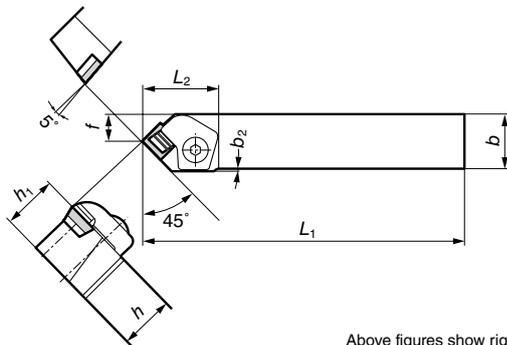
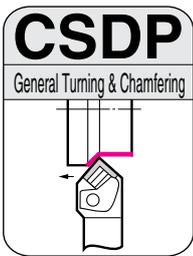
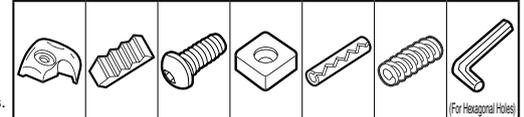
Clamp-on

Holdings

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)							Applicable Inserts		Clamp	Chipbreaker	Bolt	Shim	Shim Pin	Spring	Spanner	
		R	L	h	b	L ₁	f	h ₁	L ₂	b ₃	Cat. No.	Ref. Page								
CSRP R/L1919-L12	FP11 R/L-33	●		19	19	140	15.5	19	34.5	5.0										
CSRP R/L2525-N12	FP11 R/L-44A	●		25	25	160	21.5	25	34.5	-	SP□□1203	B99	DCR/L1	CBD4R/L	BH0824R/L BH0830R/L BH0830R/L	SSPD422			LH040	
CSRP R/L3225-N12	FP11 R/L-45A			32	25	160	21.5	32	34.5	-							SPP3	DSP5		
CSRP R/L2525-N15	FP11 R/L-44B	●		25	25	160	21.5	25	40.0	4.5	SP□□1504	B100	DCR/L3	CBD5R/L	BH1030R/L BH1036R/L	SSPD522			LH050	
CSRP R/L3232-N15	FP11 R/L-55			32	32	180	26.0	32	40.0	-										

Spare Parts



SEC- 40 Type Tool Holders

General Turning

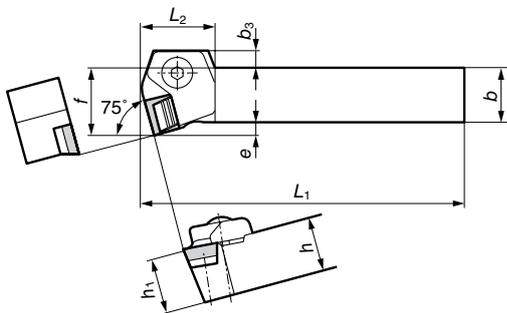
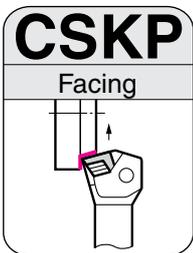
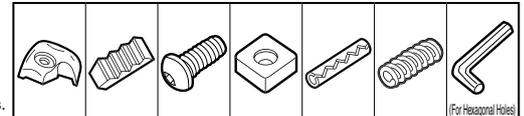
Clamp-on

Holdings

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)							Applicable Inserts		Clamp	Chipbreaker	Bolt	Shim	Shim Pin	Spring	Spanner	
		R	L	h	b	L ₁	f	h ₁	L ₂	b ₂	Cat. No.	Ref. Page								
CSDP R/L1919-L12	FP14 R/L-33	●		19	19	140	10.5	19	35	6										
CSDP R/L2525-N12	FP14 R/L-44A	●		25	25	160	12.5	25	35	2	SP□□1203	B99	DCR/L1	CBD4R/L	BH0824R/L BH0830R/L BH0830R/L	SSPD422	SPP3	DSP5	LH040	
CSDP R/L3225-N12	FP14 R/L-45A			32	25	160	12.5	32	35	2										

Spare Parts



SEC- 40 Type Tool Holders

General Turning

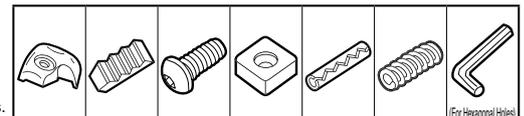
Clamp-on

Holdings

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)								Applicable Inserts		Clamp	Chipbreaker	Bolt	Shim	Shim Pin	Spring	Spanner
		R	L	h	b	L ₁	f	h ₁	L ₂	e	b ₃	Cat. No.	Ref. Page							
CSKP R/L1919-L12	FP15 R/L-33			19	19	140	25	19	22	6	7									
CSKP R/L2525-N12	FP15 R/L-44A	●		25	25	160	32	25	22	7	-	SP□□1203	B99	DCL/R1	CBD4L/R	BH0830L/R BH0830L/R	SSPD422			LH040
CSKP R/L3225-N12	FP15 R/L-45A			32	25	160	32	32	22	7	-							SPP3	DSP5	
CSKP R/L2525-N15	FP15 R/L-44B	●		25	25	160	31	25	28	6	7	SP□□1504	B100	DCL/R3	CBD5L/R	BH1030L/R BH1036L/R	SSPD522			LH050
CSKP R/L3232-Q15	FP15 R/L-55			32	32	180	38	32	28	6	-									

Spare Parts



Note: When using right/left handed type inserts for facing, holder and insert are opposite handed.

C External Holders

Positive Inserts

C

D

R

S

T

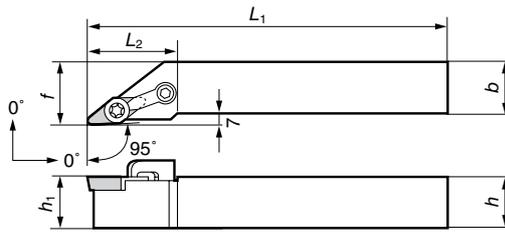
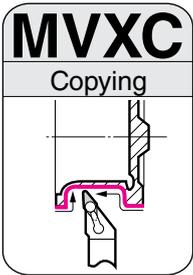
V

W

SEC- MV Type MINI Tool Holders



35° Diamond Type



Spare Parts

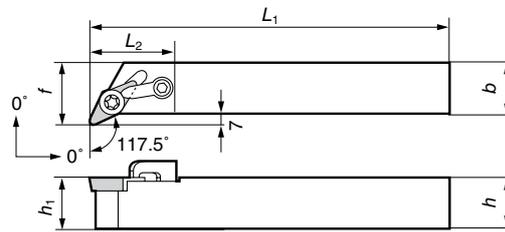
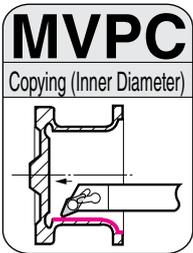
CCM8-LONG	WB8-24	BFTX0515N	TRX20	LH040

Holders

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Clamp	Double Screw	Screw	Spanner	Spanner for Clamp Screws
		R	L	h	b	L ₁	f	h ₁	L ₂					
★ MVXC R/L2525-22-20	MVXC R/L2525-2220	●	●	25	25	180	32	25	45	CCM8-LONG	WB8-24	BFTX0515N	TRX20	LH040
☆ MVXC R/L2525-22-30	MVXC R/L2525-2230	●	●	25	25	180	32	25	45					

★ : For nose radius 2.0mm insert. ☆ : For nose radius 3.0mm insert.



Spare Parts

CCM8-LONG	WB8-24	BFTX0515N	TRX20	LH040

Holders

Above figures show right hand tools.

Cat. No.	Conventional Cat. No.	Stock		Dimensions (mm)						Clamp	Double Screw	Screw	Spanner	Spanner for Clamp Screws
		R	L	h	b	L ₁	f	h ₁	L ₂					
★ MVPC R/L2525-22-20	MVPC R/L2525-2220	●	●	25	25	180	32	25	41	CCM8-LONG	WB8-24	BFTX0515N	TRX20	LH040
☆ MVPC R/L2525-22-30	MVPC R/L2525-2230	●	●	25	25	180	32	25	41					

★ : For nose radius 2.0mm insert. ☆ : For nose radius 3.0mm insert.

Inserts (Coated Carbide/ Carbide/ SUMIDIA)

● 35° Diamond Type

Shape	Cat. No.	Stock					Dimensions (mm)			Applicable Holder
		EH10Z	G10E	H1	DA1000	DA2200	Inscribed Circle	Thickness	Nose Radius	
	VCGT220520N-AW	-	-	●	-	-	12.70	5.56	2.0	MVXC Type MVPC Type
	VCGT220530N-AW	-	-	●	-	-	12.70	5.56	3.0	
	VCGT220530N-AG	-	-	●	-	-	12.70	5.56	3.0	MVXC Type MVPC Type
	VCGT220530N-AG	-	-	●	-	-	12.70	5.56	3.0	
	VCMT220520	-	-	-	●	▲	12.70	5.56	2.0	SVJC Type (→ C29) SVVC Type (→ C30) SVPC Type (→ C30)
	VCMT220530	-	-	-	●	▲	12.70	5.56	3.0	
	VCGT160408N-AW	-	-	●	-	-	9.525	4.76	0.8	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	VCGT160412N-AW	-	-	●	-	-	9.525	4.76	1.2	
	VCGT160408N-AG	-	-	●	-	-	9.525	4.76	0.8	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	VCGT160412N-AG	-	-	●	-	-	9.525	4.76	1.2	
	NF-VCMT160404	-	-	-	●	▲	9.525	4.76	0.4	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	NF-VCMT160408	-	-	-	●	▲	9.525	4.76	0.8	
	NF-VCMT160412	-	-	-	●	▲	9.525	4.76	1.2	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	VCMT160408	-	-	-	●	▲	9.525	4.76	0.8	
	VCMT160412	-	-	-	●	▲	9.525	4.76	1.2	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	VCMT160412	-	-	-	●	▲	9.525	4.76	1.2	
	VCMT160412-WF	-	-	-	●	▲	9.525	4.76	1.2	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	VCMT160412-WF	-	-	-	●	▲	9.525	4.76	1.2	
	VNMG160404N-UP	-	●	-	-	-	9.525	4.76	0.4	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	VNMG160408N-UP	-	●	-	-	-	9.525	4.76	0.8	
	NF-VNMX160404	-	-	-	●	▲	9.525	4.76	0.4	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	NF-VNMX160408	-	-	-	●	▲	9.525	4.76	0.8	
	NF-VNMX160412	-	-	-	●	▲	9.525	4.76	1.2	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	NF-VNMX160412	-	-	-	●	▲	9.525	4.76	1.2	
	VNMX160404	-	-	-	●	▲	9.525	4.76	0.4	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	VNMX160408	-	-	-	●	▲	9.525	4.76	0.8	
	VNMX160412	-	-	-	●	▲	9.525	4.76	1.2	DVVN Type (→ C26) DVJN Type (→ C26) DVQN Type (→ C26)
	VNMX160412	-	-	-	●	▲	9.525	4.76	1.2	

VNMG160404N-UP (UP Type Chipbreaker) is available in AC820P and AC830P grades.

External Holders

Positive Inserts

C

D

R

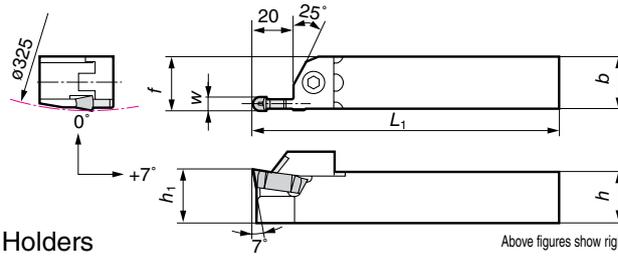
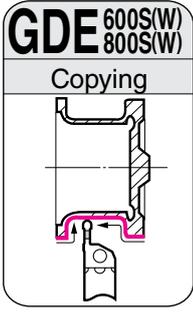
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V

W

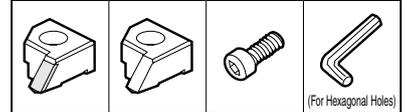
Dogbone Insert



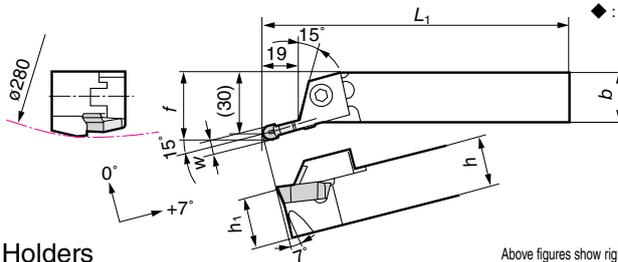
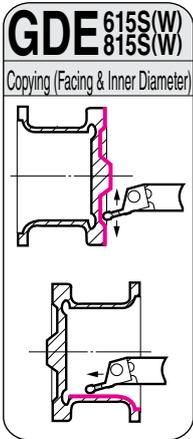
■ Holders

Cat. No.	Stock		Dimensions (mm)						Carbide Piece Clamp	Special Steel Clamp	Cap Screw	Spanner
	R	L	h	b	L ₁	f	h ₁	w				
◆ GDE R/L2525-600S	●	●	25	25	150	26	25	6	—	GDS600R/L	BX0625	LH050
◇ GDE R/L2525-800S	●	●	25	25	150	26	25	8	—	GDS800R/L		
◆ GDE R/L2525-600W	●	●	25	25	150	26	25	6	GDW600R/L	—		
◇ GDE R/L2525-800W	●	●	25	25	150	26	25	8	GDW800R/L	—		

■ Spare Parts



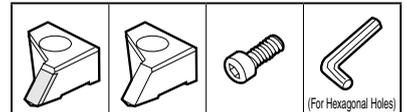
◆ : For nose radius 3.0mm insert. ◇ : For nose radius 4.0mm insert.



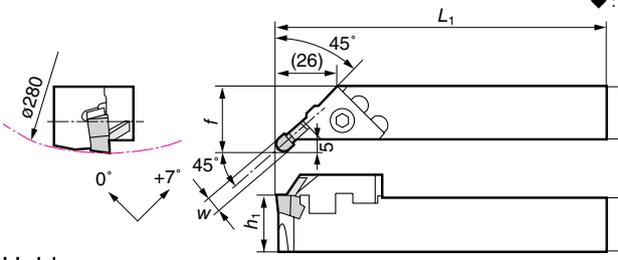
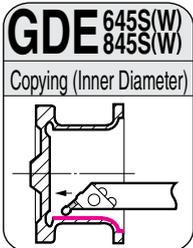
■ Holders

Cat. No.	Stock		Dimensions (mm)						Carbide Piece Clamp	Special Steel Clamp	Cap Screw	Spanner
	R	L	h	b	L ₁	f	h ₁	w				
◆ GDE R/L2525-615S	●	●	25	25	150	32.2	25	6	—	GDS615R/L	BX0625	LH050
◇ GDE R/L2525-815S	●	●	25	25	150	33.2	25	8	—	GDS815R/L		
◆ GDE R/L2525-615W	●	●	25	25	150	32.2	25	6	GDW615R/L	—		
◇ GDE R/L2525-815W	●	●	25	25	150	33.2	25	8	GDW815R/L	—		

■ Spare Parts



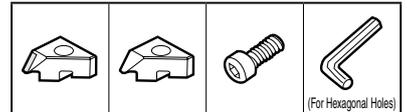
◆ : For nose radius 3.0mm insert. ◇ : For nose radius 4.0mm insert.



■ Holders

Cat. No.	Stock		Dimensions (mm)						Carbide Piece Clamp	Special Steel Clamp	Cap Screw	Spanner
	R	L	h	b	L ₁	f	h ₁	w				
◆ GDE R/L2525-645S	●	●	25	25	150	30	25	6	—	GDS645R/L	BX0625	LH050
◇ GDE R/L2525-845S	●	●	25	25	150	30	25	8	—	GDS845R/L		
◆ GDE R/L2525-645W	●	●	25	25	150	30	25	6	GDW645R/L	—		
◇ GDE R/L2525-845W	▲	▲	25	25	150	30	25	8	GDW845R/L	—		

■ Spare Parts



◆ : For nose radius 3.0mm insert. ◇ : For nose radius 4.0mm insert.

■ Inserts (Coated Carbide / Carbide / SUMIDIA)

● Dogbone Type

Shape	Cat. No.	Stock				Dimension (mm)			Applicable Holder	Fig	Fig
		EH10Z	G10E	H1	DA2200	Total Length (ℓ)	Thickness (s)	Nose Radius (r _ε)			
	MDE3R-AW	—	—	—	●	26	8.5	3.0	6	◆	1
	MDE4R-AW	—	—	—	●	30	8.5	4.0	8	◇	
	MDE3R	—	—	—	●	26	8.5	3.0	6	◆	2
	MDE4R	—	—	—	●	30	8.5	4.0	8	◇	
	MDE3R-AW	—	—	—	●	26	8.5	3.0	6	◆	3
	MDE4R-AW	—	—	—	●	30	8.5	4.0	8	◇	

▲ mark : To be replaced by new item (Please confirm stock availability)

C External Holders

Positive Inserts

C

D

R

S

T

V

W

Special