

■ ISO CODE KEY-Turning tools for external machinings

A

C	M
P	S
① Method of holding	

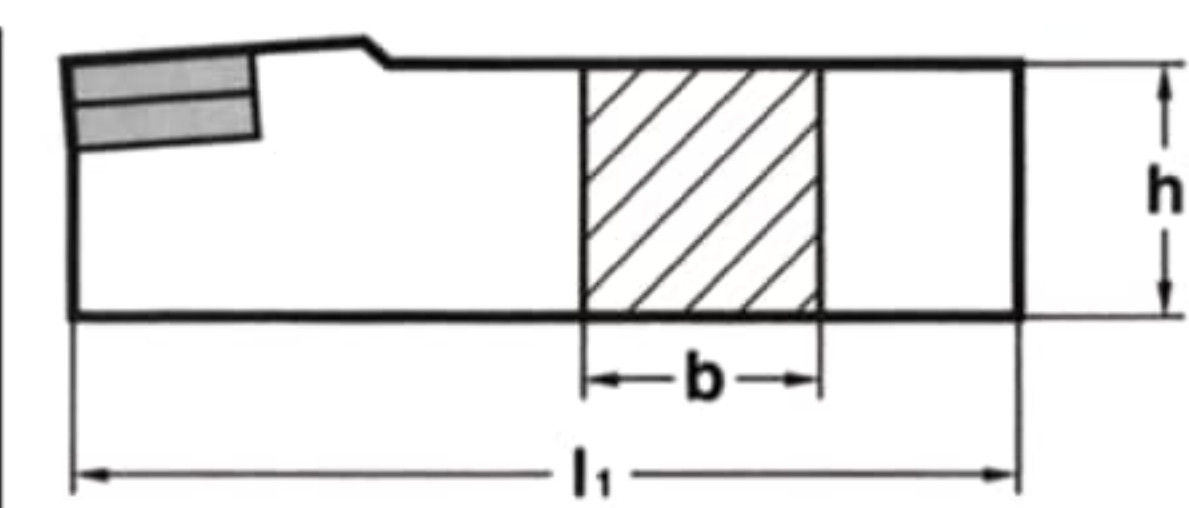
C	D	R
S	T	W
② Insert shape		

A	B	D	E	F
G	J	K	L	N
Q	S	T	V	X
				Special design
③ Tool style				

M C L N R 25 25 M 16

④ Insert normal clearance			
B	C	N	P

⑥, ⑦ Tool size (Height(h) and Width (b)) (mm)									
08	10	12	16	20	25	32	40	50	
8	10	12	16	20	25	32	40	50	

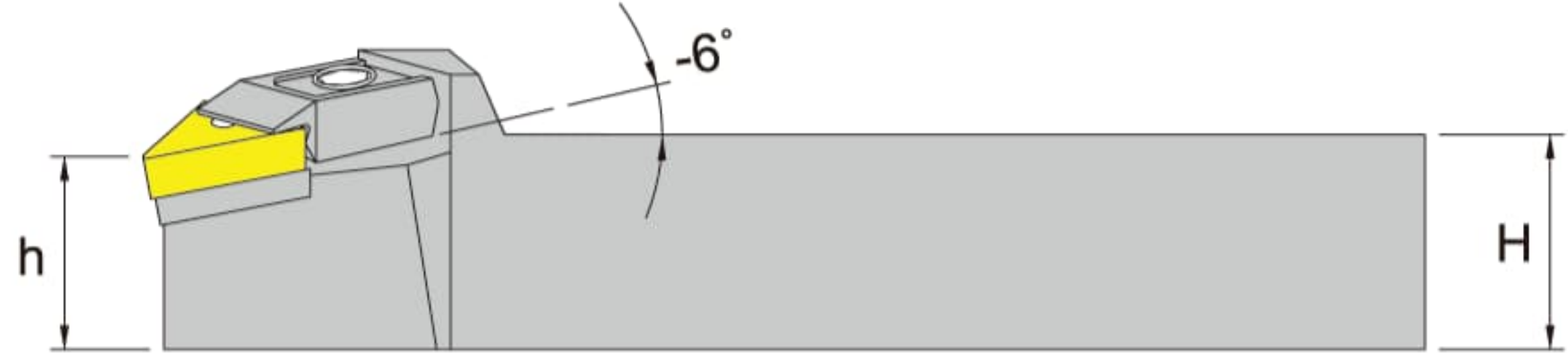
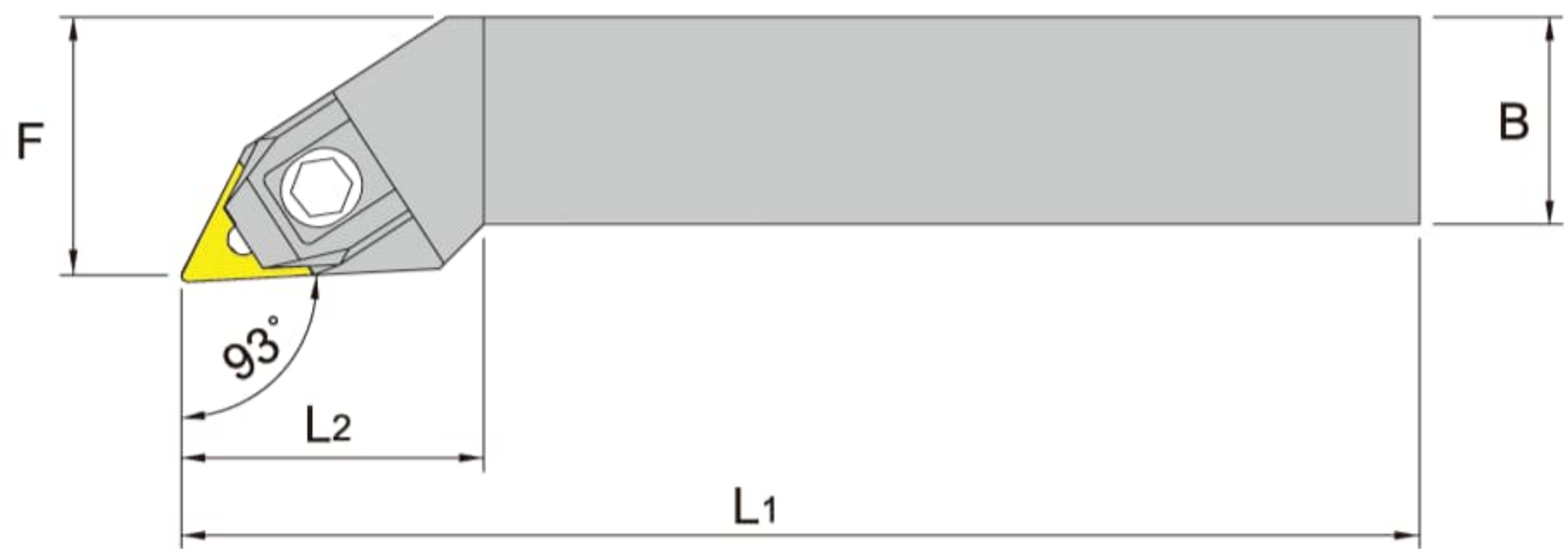
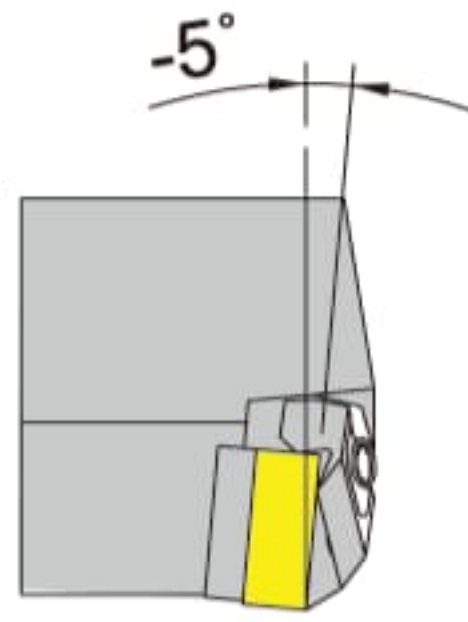
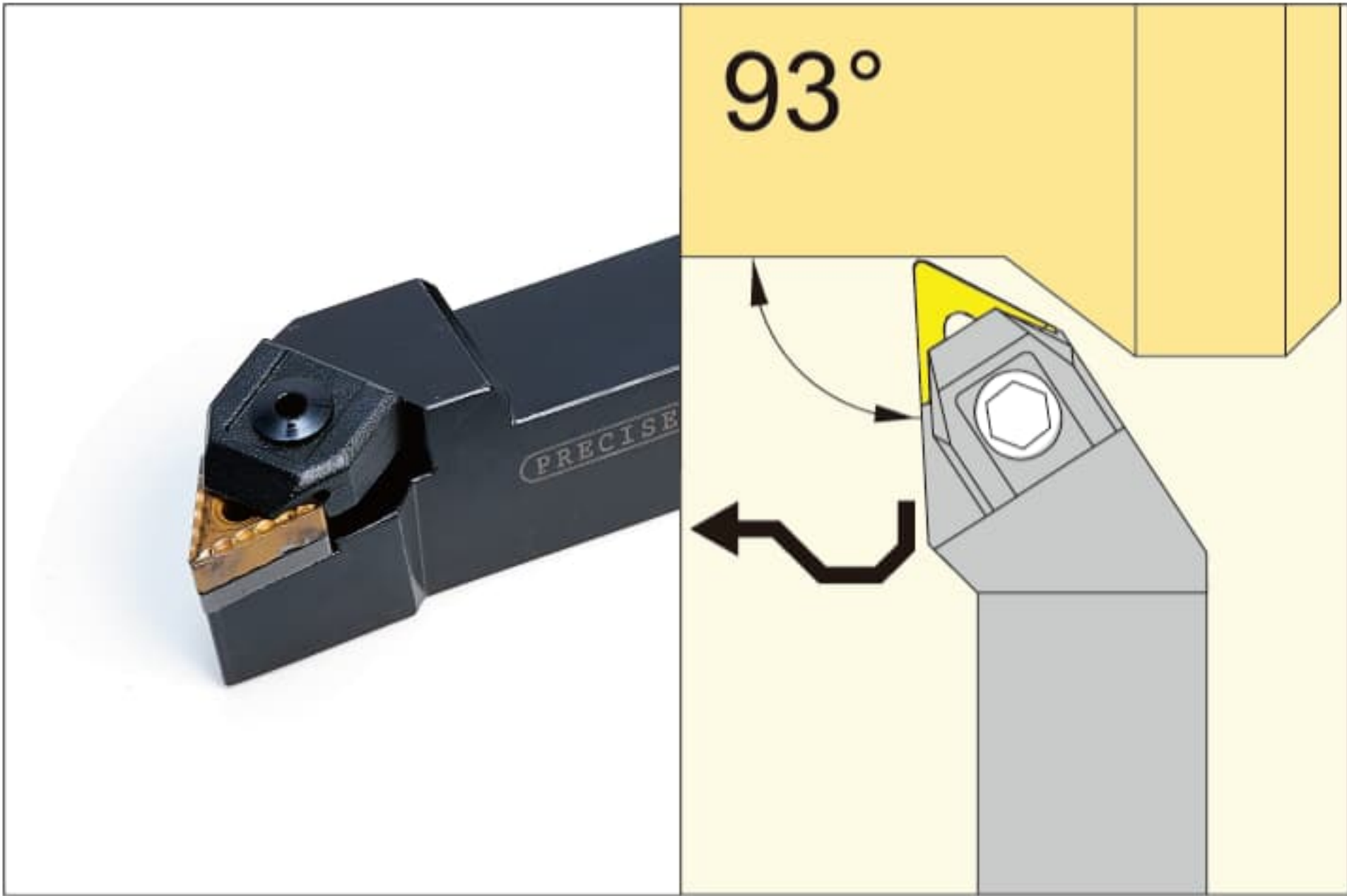


⑤ Hand of tool		
R	L	N

⑧ Tool length (l ₁) (mm)											
D	E	F	H	K	M	N	P	R	S	T	U
60	70	80	100	125	150	160	170	200	250	300	350

⑨ Insert size									
Inscribed circle of insert (mm)	4.76	5.56	6.35	7.94	9.525	12.7	15.875	19.05	25.4
	08	09	11	13	16	22	27	33	44
			06	07	09	12	15	19	25
					09	12	16	19	25
					11	15	19	23	31

MTJN External turning, Copying

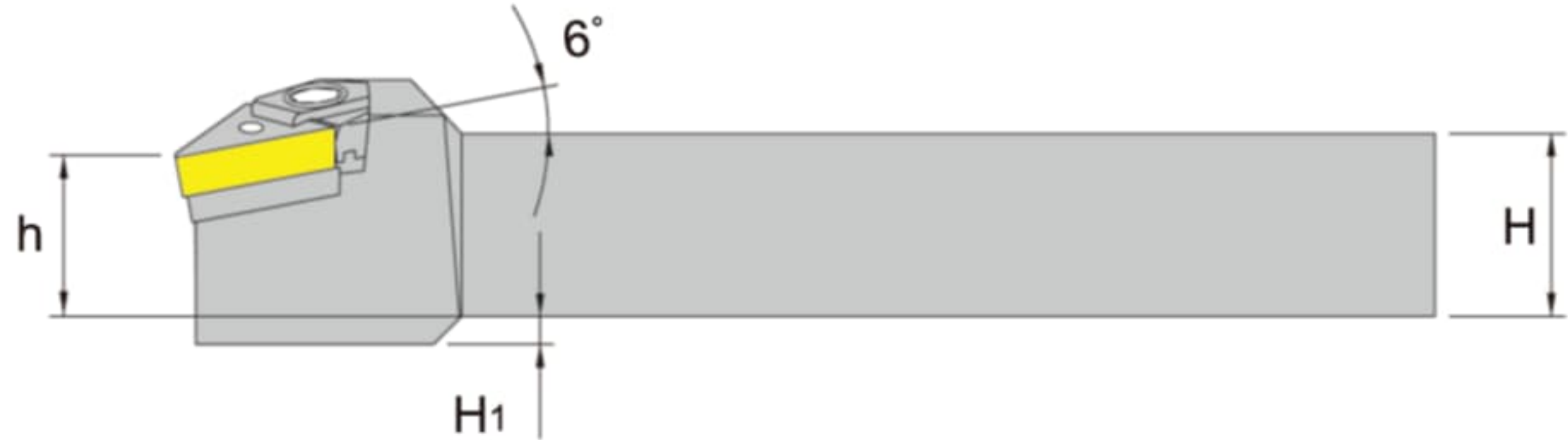
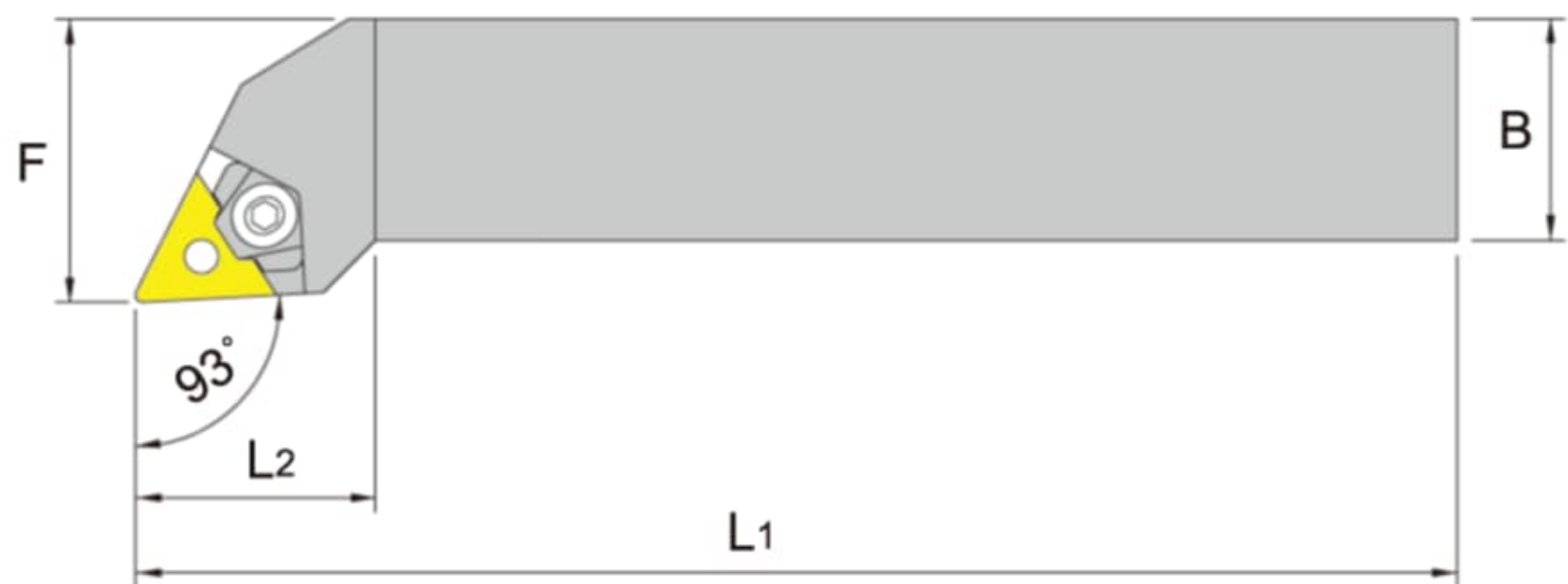
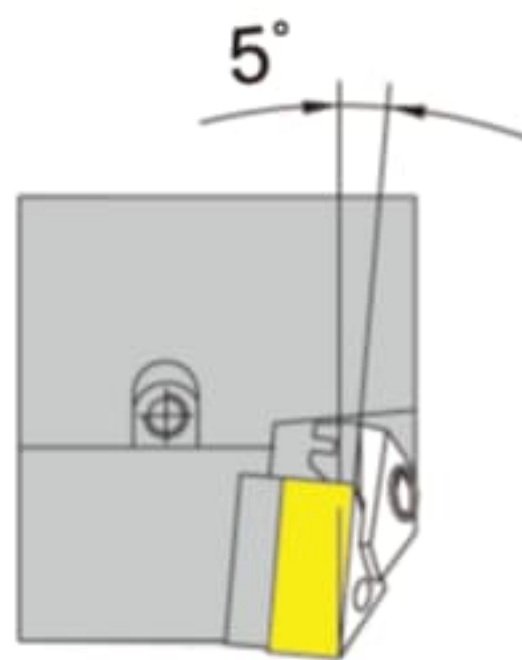
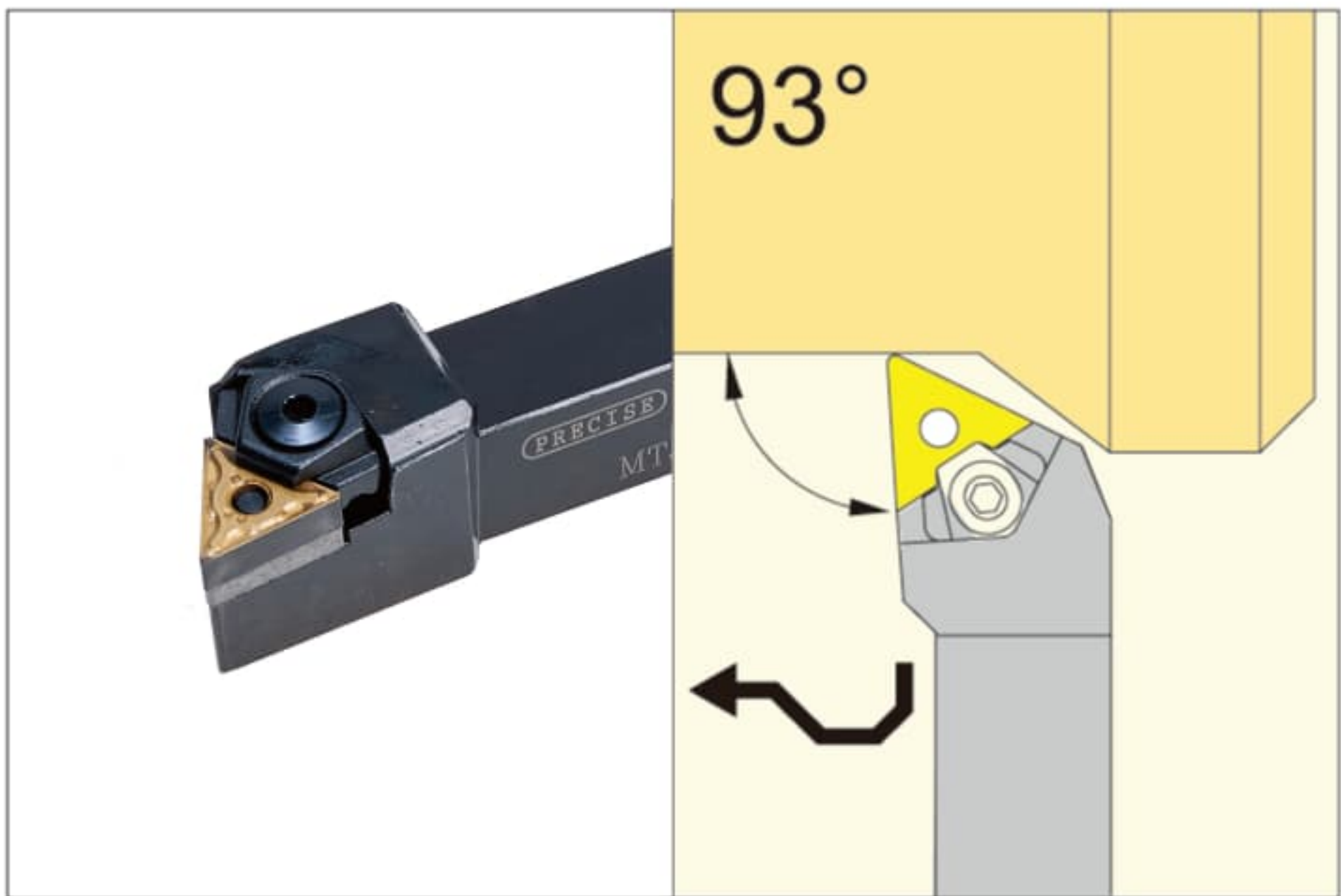


A

■ Right hand tool holder shown.

Order number	Insert number		Dimensions (mm)												
			H	B	L ₁	L ₂	h	F	Wedge clamp	Pin	Shim	Screw	Nut	Ring	Wrench
MTJNR/L 2020K-16	TNMG TNGG	1604⌀⌀ (33⌀)	20	20	125	37	20	25	MPT -16	MP -317S MP -320S	STW -323	LC 0521	CPM -32N	ER -04	LH -030
2525M-16			25	25	150	37	25	32							
3232P-16			32	32	170	37	32	40							

MTJN External turning, Copying

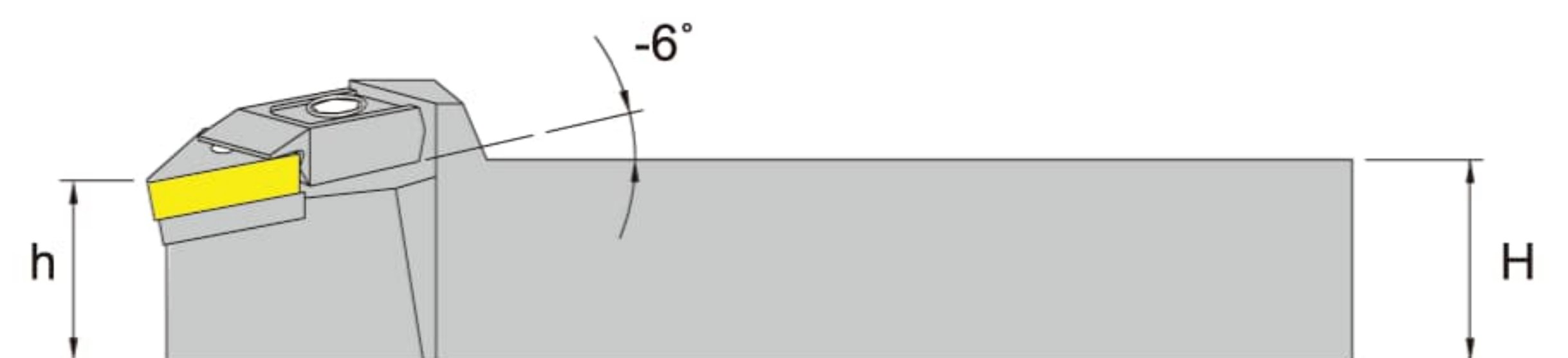
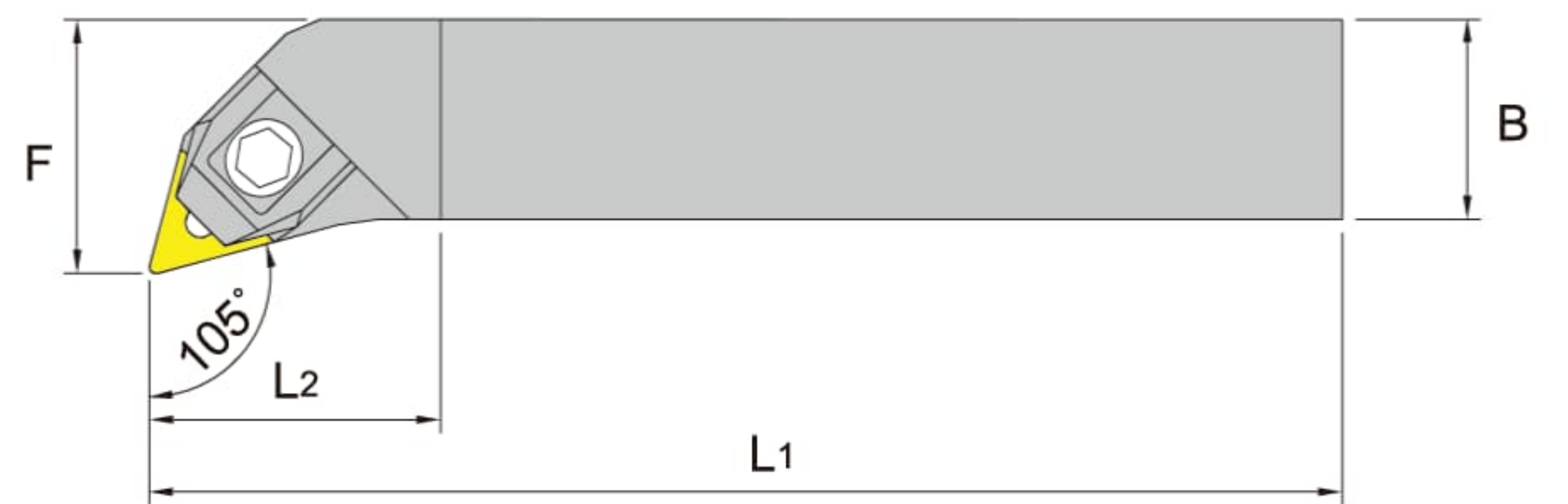
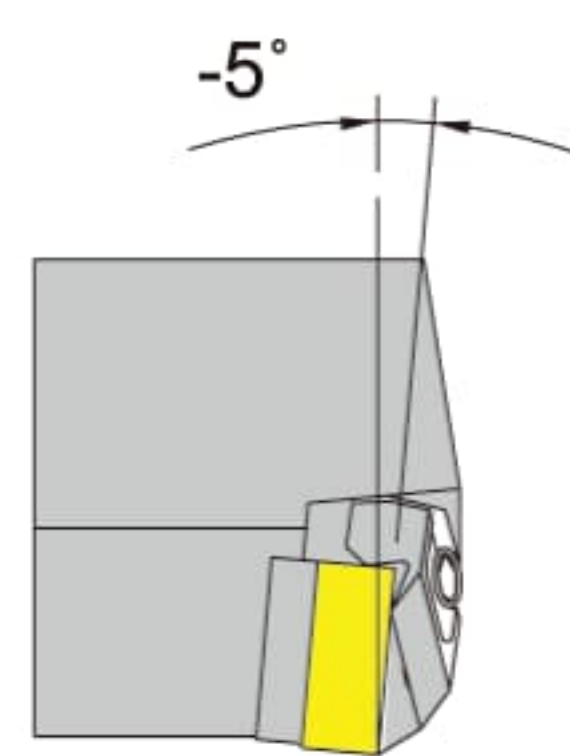
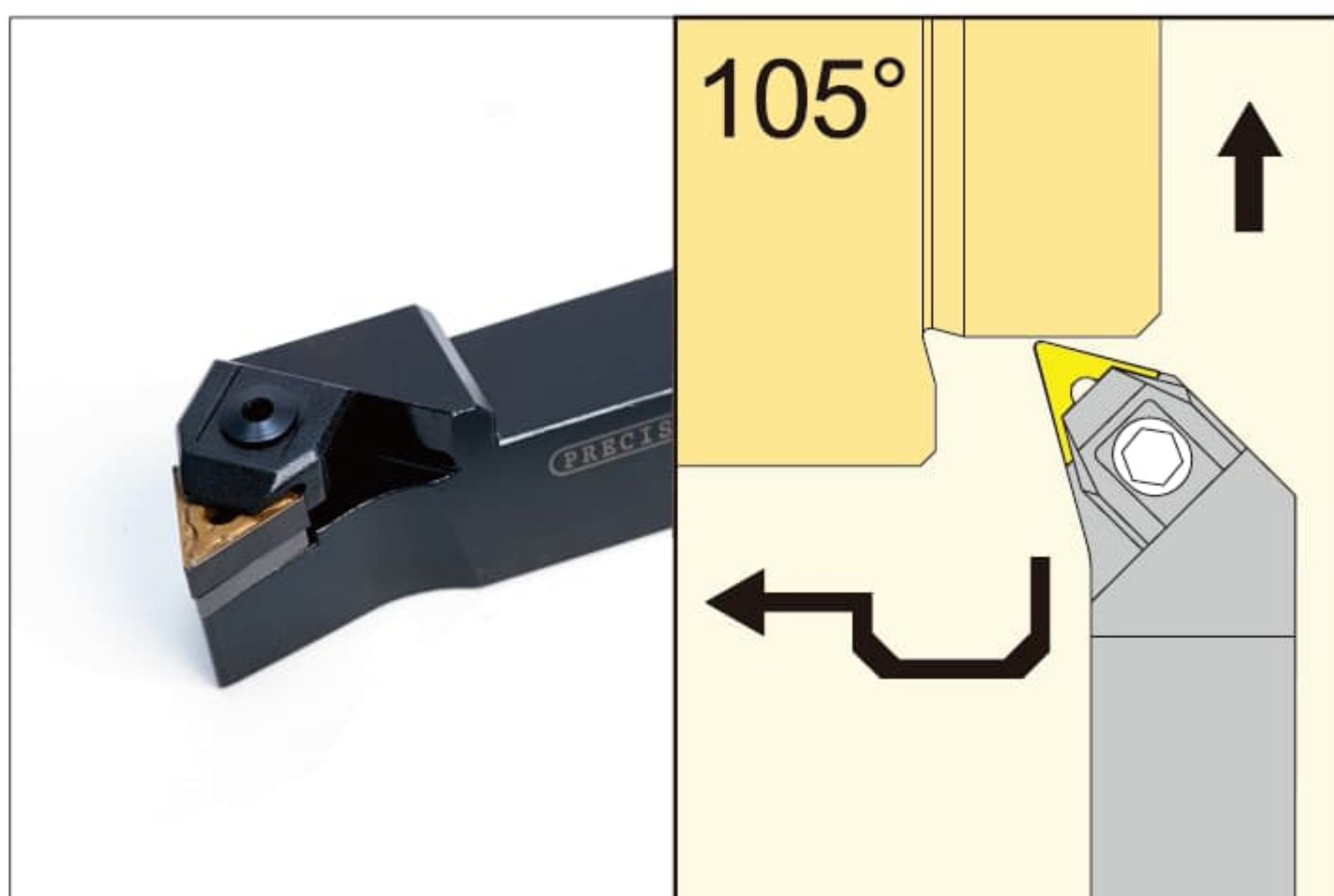


■ Right hand tool holder shown.

Order number	Insert number		Dimensions (mm)						F							
			H	B	L ₁	L ₂	h	H ₁		Clamp	Pin	Shim	Screw	Clamp Screw	Wrench	Ring
MTJNR/L 1216H16	TNMG TNGG	1604⌀⌀	12	16	100	30	16	5.5	20	LC 291	ZNW -3	TTT 322	LHW -5	LC 0521	LH025 LH030	ER04
1616H16			16	16	100	30	16	3								

MTQN

A

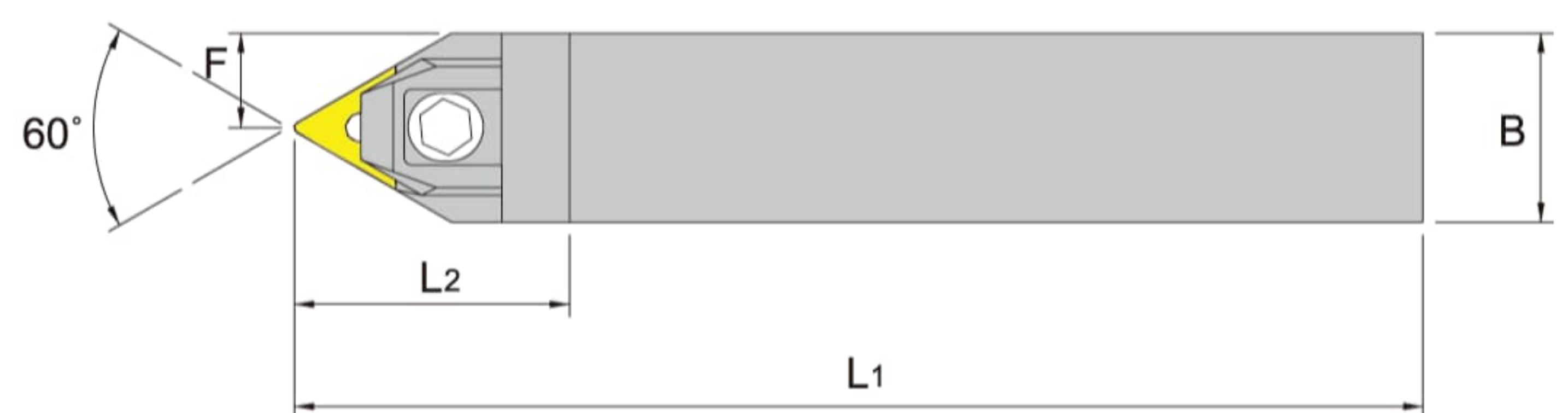
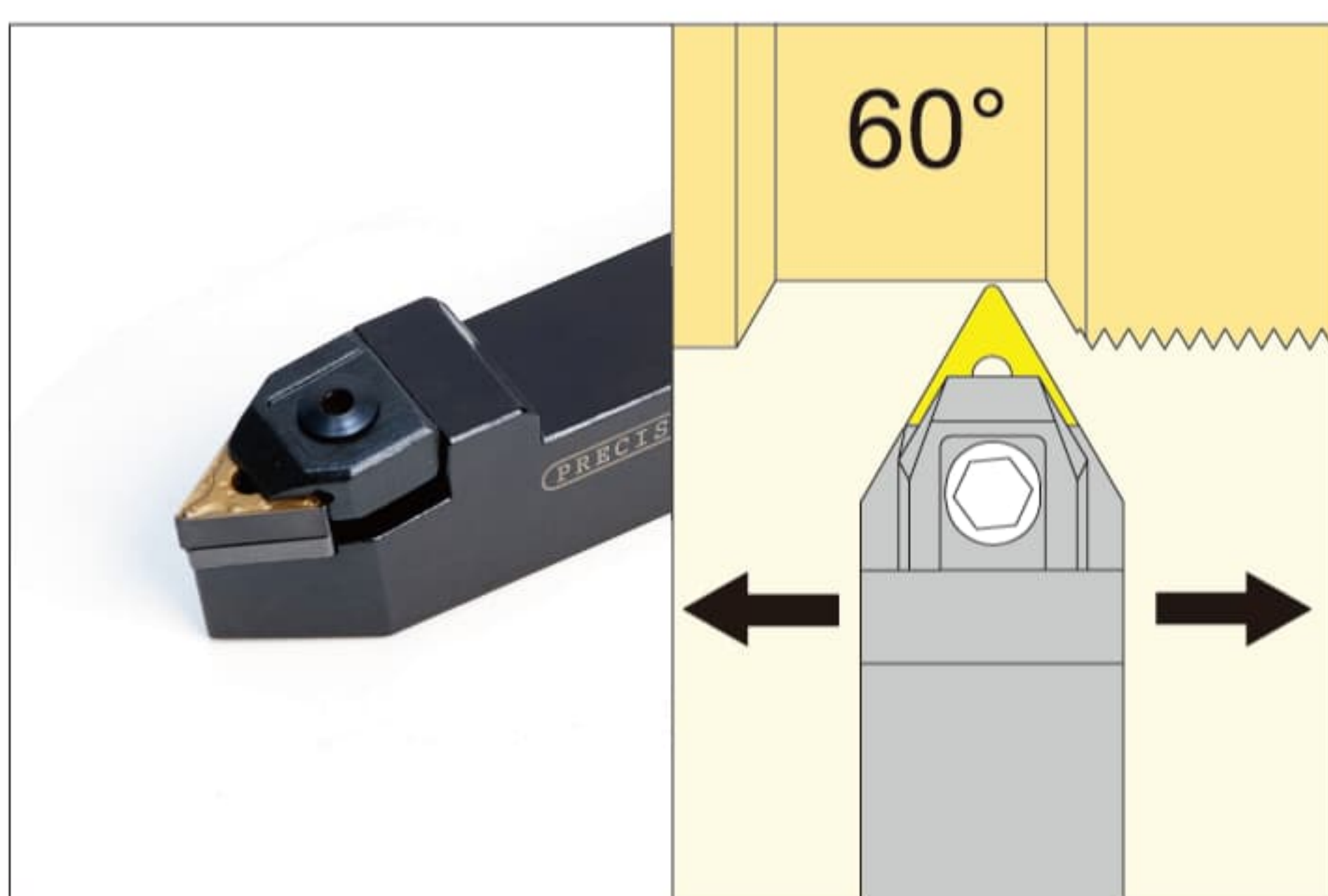


■ Right hand tool holder shown.

Order number	Insert number		Dimensions (mm)												
			H	B	L ₁	L ₂	h	F	Wedge clamp	Pin	Shim	Screw	Nut	Ring	Wrench
MTQNR/L 2020K-16	TNMG TNGG	1604○○ (33○○)	20	20	125	37	20	25	MPT -16	MP -317S MP -320S	STW -323	LC 0521	CPM -32N	ER-04	LH-030
2525M-16			25	25	150		25	32							
3232P-16			32	32	170		32	40							

MTEN

External turning, Chamfering

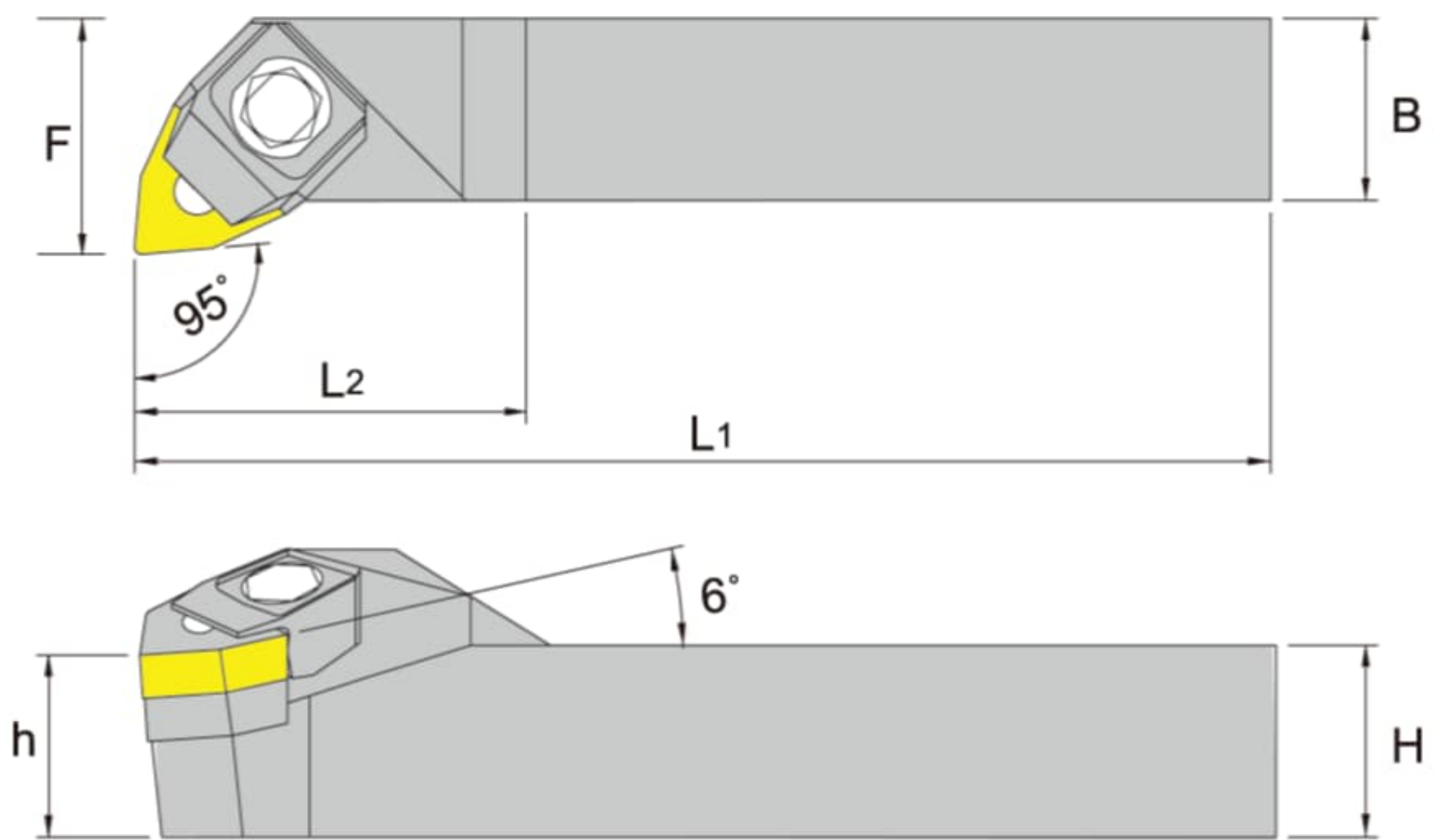
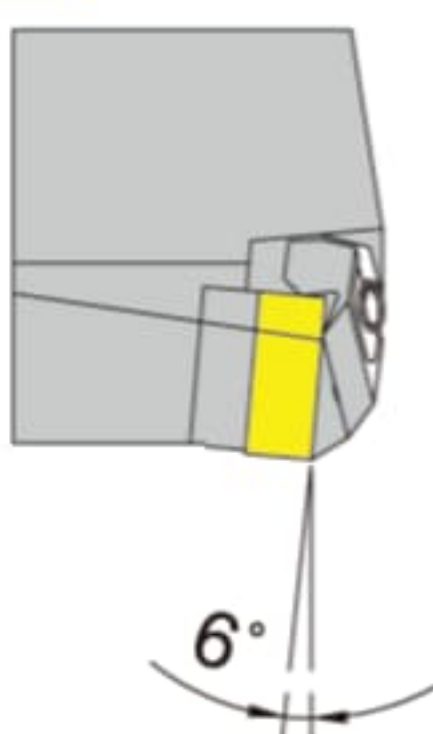
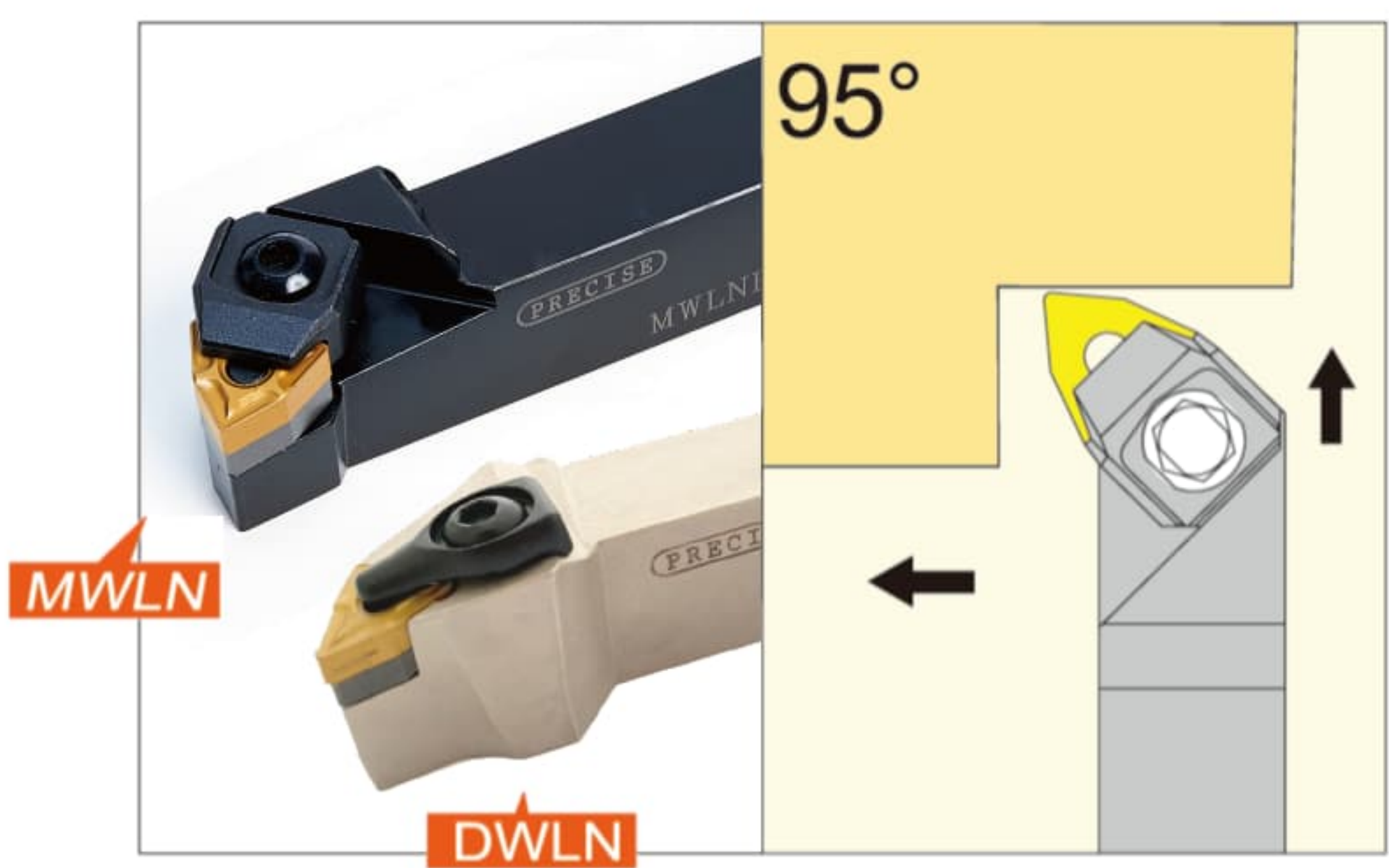


■ Right hand tool holder shown.

Order number	Insert number		Dimensions (mm)												
			H	B	L ₁	L ₂	h	F	Wedge clamp	Pin	Shim	Screw	Nut	Ring	Wrench
MTENN 1616H-16	TNMG TNGG	1604○○ (33○○)	16	16	100	34	16	8	MPT -16	MP -317S MP -320S	STW -323	LC 0521	CPM -32N	ER-04	LH-030
2020K-16			20	20	125		20	10							
2525M-16			25	25	150		25	12.5							
3232P-16			32	32	170		32	16							

(D)MWLN

External turning, Facing



A

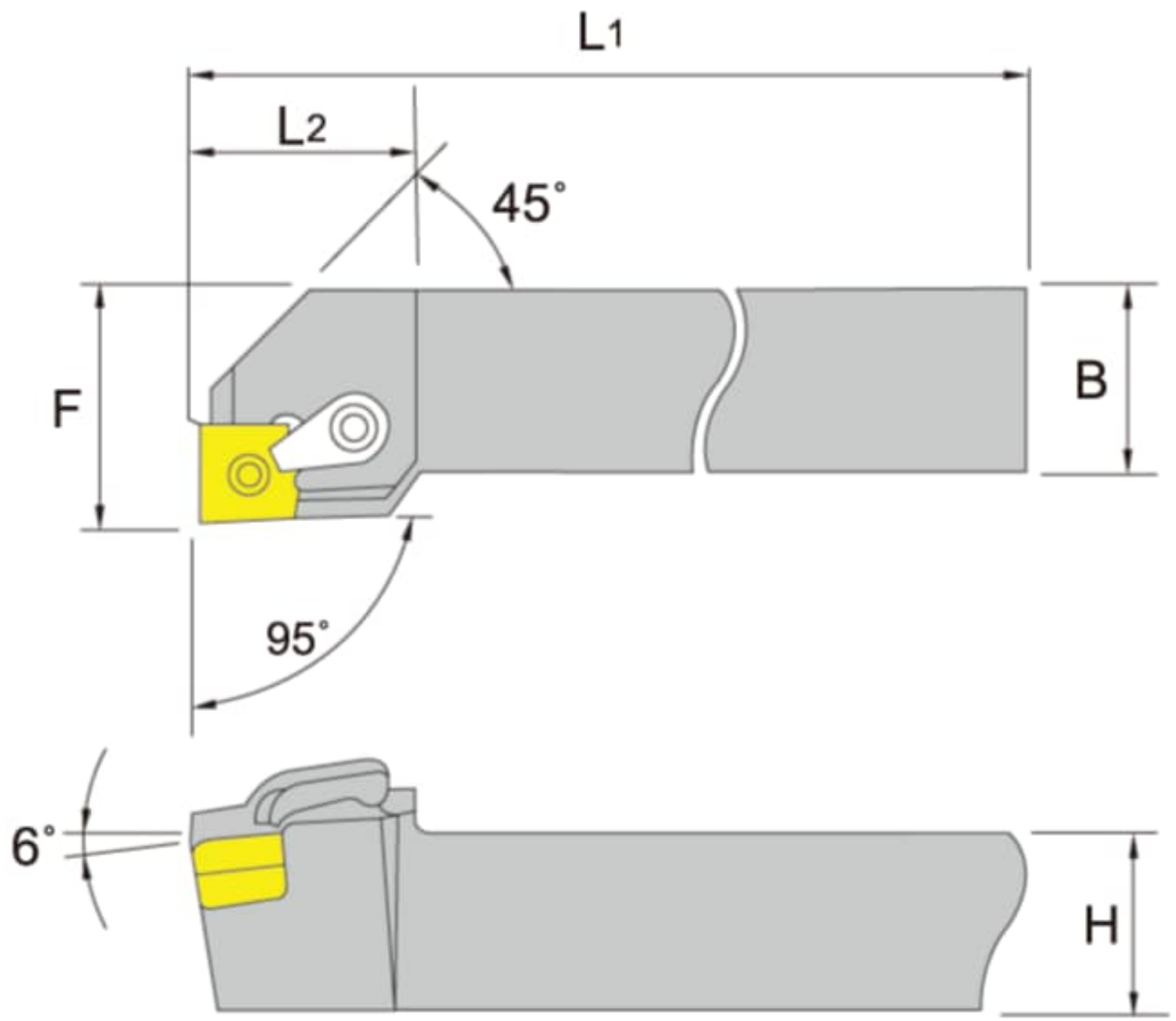
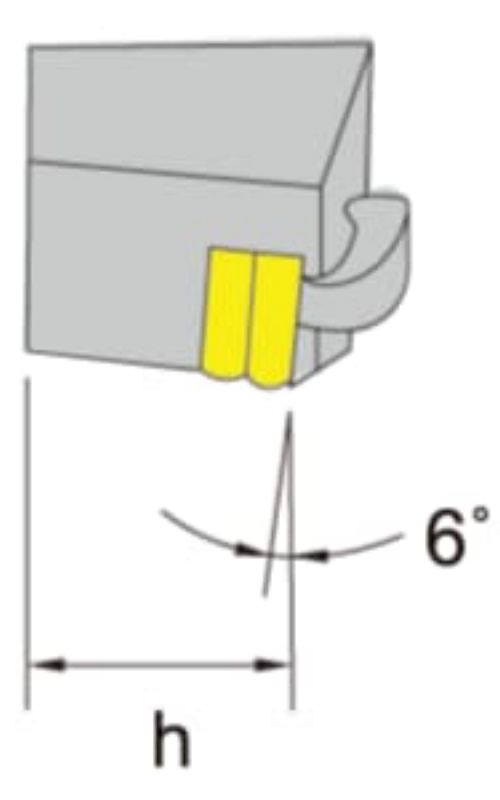
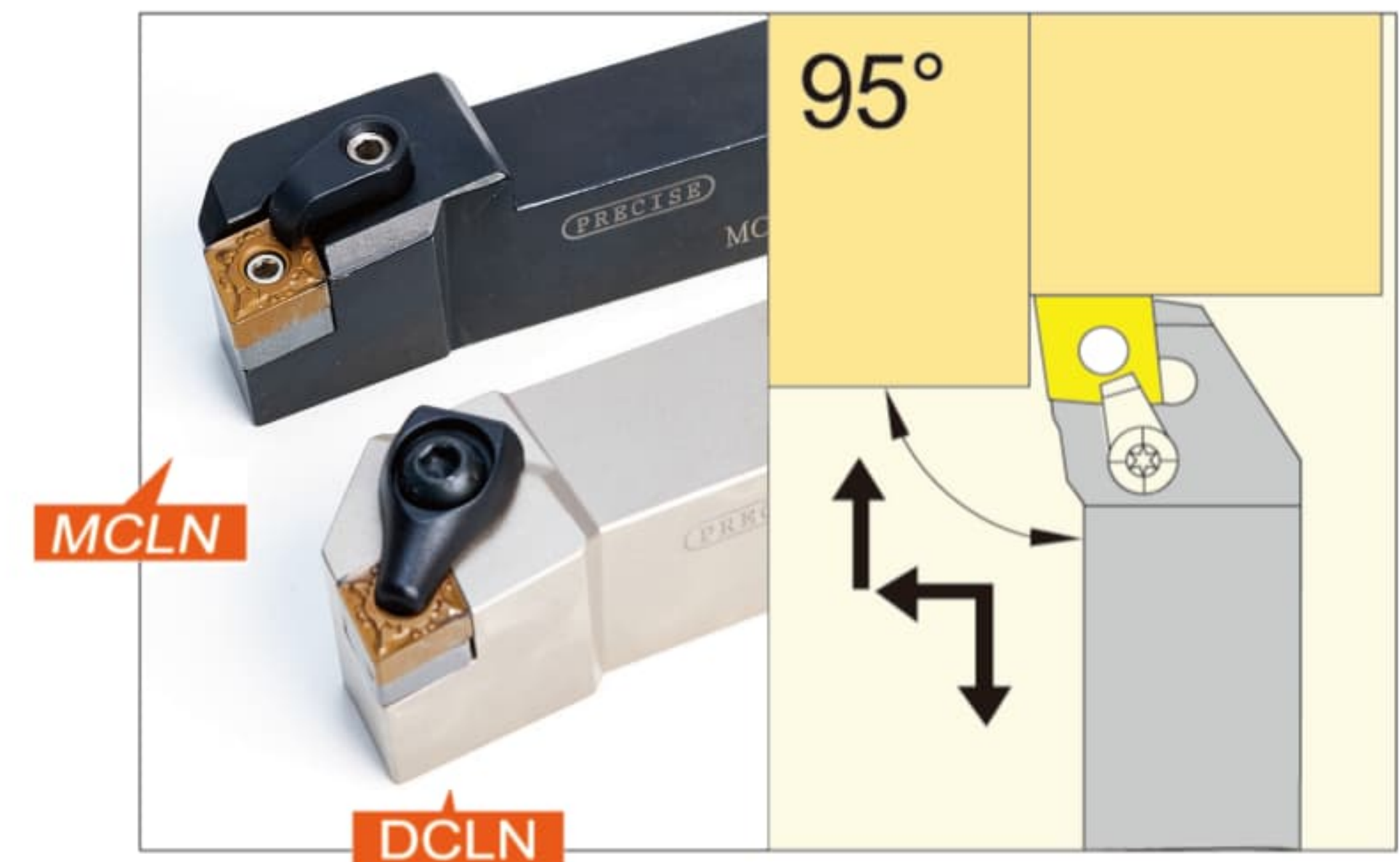
■ Right hand tool holder shown.

Order number	Insert number		Dimensions (mm)												
			H	B	L ₁	L ₂	h	F							
MWLNRL 2020K-08	WNMA WNMG	0804○○ (43○)	20	20	125	34	20	25	MPW -08	MP -416 MP -420	SWW -433	MPW -0625	CPM -43N	ER -05	LH -040
2525M-08			25	25	150		25	32							
3232P-08			32	32	170		32	40							

Order number	Insert number		Dimensions (mm)												
			H	B	L ₁	L ₂	h	F							
DWLNRL 2020K-08	WNMA WNMG	0804○○	20	20	125	30	20	25	DPC -12	DDN-6	SWW -433	BS 0620	MES3	LH -030	LH -040
2525M-08			25	25	150		25	32							
3232P-08			32	32	170		32	40							

(D)MCLN

External turning, Facing



■ Right hand tool holder shown.

Order number	Insert number		Dimensions (mm)											
			H	B	L ₁	L ₂	h	F						
MCLNR/L 2020K-12	CNMG	1204○○ (43○)	20	20	125	30	20	25	MCPM -21	MCS 625-3	MSC -432	MLP-46	LH-030	LH-025
2525M-12			25	25	150		25	32						
3232P-12			32	32	170		32	40						
3232P-19		1906○○	32	32	170	45	32	40	MCPM -12	MCS 828-4	MSC -634	MLP-68	LH-040	

Order number M	Insert number		Dimensions (mm)												
			H	B	L ₁	L ₂	h	F							
DCLNR/L 2020K-12	CNMG	1204○○	20	20	125	30	20	25	DPC -12	DDN-6	MSC -432	BS 0620	MES3	LH -030	LH -040
2525M-12			25	25	150	30	25	32							
3232P-12			32	32	170	35	32	40							