

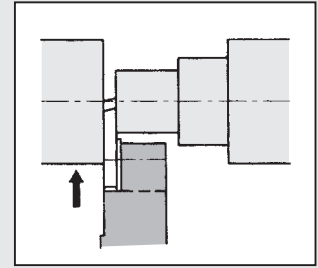
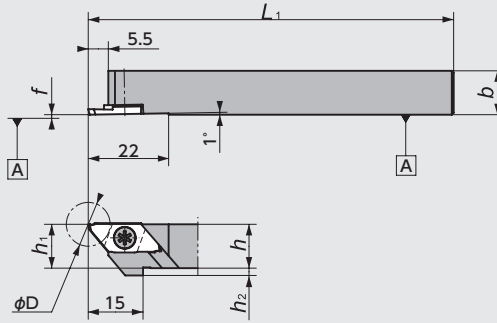
SS Tools for Cutting off

CTP Series Max. Cut-off Dia. ~ 12.0mm

Unique Swiss Tooling

CTP

Screw accessible from both sides

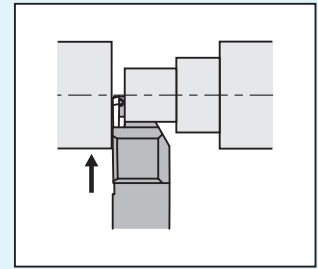
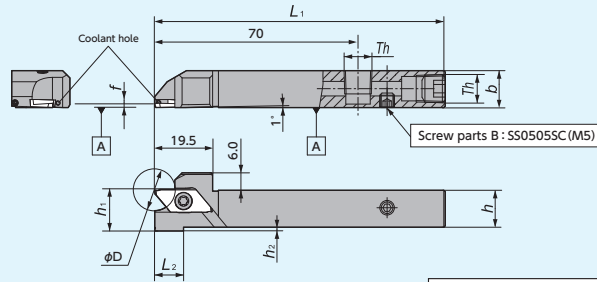


● Right-Hand style shown

Figure-1

CTP-OH2

(Coolant through)
Screw accessible from both sides



● Right-Hand style shown

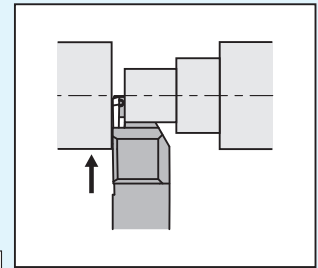
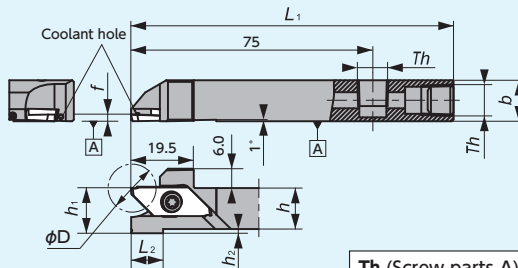
Figure-2 ● Left-Hand holders are designed for Right-Hand machines

Th (Screw parts A)
1212 size: SPR1/8 (Rc1/8)

Front Turning

CTP-OH

(Coolant through)
Screw accessible from both sides



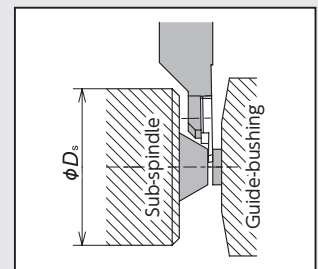
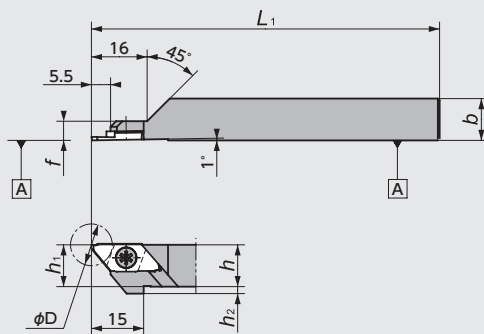
● Right-Hand style shown

Figure-3 ● Left-Hand holders are designed for Right-Hand machines

Th (Screw parts A)
1012 size: SS0605SC (M6×1.0)
1212/1616 size: SPR1/8 (Rc1/8)

Back Turning

CTPR-SUB



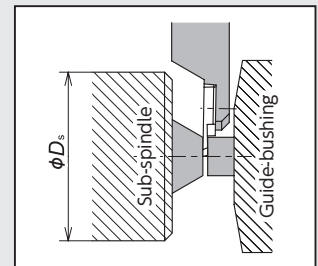
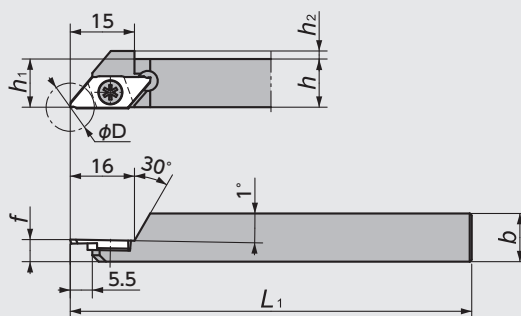
● Right-Hand style shown

Figure-4

ϕDs
CTPR-SUB: ϕ30mm

Cut-off

CTPL-SUB



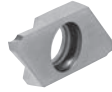








● Left-Hand style shown

Figure-5

ϕDs
CTPL-SUB: ϕ30mm

Original Series

CTP Series - Toolholders

Figure	Code No.		Item Number	Stock		Max. Cut-off Dia (mm) ϕD	Dimensions (mm)						Gage insert 	Spare Parts			
	R	L		R	L		h	b	L_1	h_1	h_2	L_2		f	Clamp Screw (A)  (B) 		Wrench (A)  (B) 
1	5131362	5131354	CTP^{R/L} 08	●	●	12.0※	8		120	8	4	0	0.0	CTP-CX CTP CTP-X CTPX G76~79	 (A)  (B)	 (A)  (B)	
	5873849	5893458	10H	●	●		10	10	100								
	5089644	5089636	10	●	●				120	10	2	0					
	5459730	5459748	12GX	●	●		12	12	85	12							
	5089651	5089669	12	●	●				120								
	5089677	5089685	13	●	●		13	13		13	0	0					
	5459755		16H	●			16	16	100	16							
	5183496	5183504	16	●	●				120								
2	5037874	5037866	CTP^{R/L} 12H-OH2	●	●	12.0※	12	12	100	12	2	10	1.5※	CTP-CX CTP CTP-X CTPX G76~79	LRIS-4*12PW (A)	CLR-15S (A)	
3	5921853	5921861	CTP^{R/L} 1012H-OH	●	●	12.0※	10	12		12	4	19	1.5※	CTP-CX CTP CTP-X CTPX G76~79	LRIS-4*12PW (A)	CLR-15S (A)	
	5918651	5918040	12H-OH	●	●		12	12	100		2	10					
	5921879	5921887	16H-OH	●	●		16	16		16	0	0					
4	5571831		CTPR 08-SUB	●		12.0※	8	8	120	8	4	0	5.5	CTP-CX CTP-FR (N) (V) (NV) CTP-FRX (FRNX) CTPX-FR (N) G76~79	LRIS-4*5 (B)	LLR-25S (B)	
	5607999		08J-SUB	●			110										
	5391610		10F-SUB	●			10	10	80	10	2	0					
	5605282		10KX-SUB	●			120										
	5474580		12GX-SUB	●			12	12	85	12	0	0					
	5391628		12-SUB	●			120										
5		5570791	CTPL 08-SUB	●		12.0※	8	8	120	8	4	0	5.5	CTP-CX CTP-FLK CTP-FLKV CTP-FLN CTP-FLNV CTPX-FLN CTPX-FLNX G76~79	LRIS-4*5 (B)	LLR-25S (B)	
		5608005	08J-SUB	●			110										
		5499389	10GX-SUB	●			10	10	85	10	2	0					
		5482534	12GX-SUB	●			12	12		12	0	0					

※ Would be changed by insert.

New Products
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 BIDE/MCS, PCD, Micrograin Carbide, PVD/CVD-coated Carbide, CBN and Ceramics
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CTP Series - Inserts (Without Chipbreaker) Mirror finish

Shape	Item Number	*1 Max. Cut-off Dia (mm) ϕD	Dimensions (mm)				Carbide		PVD Coated Carbide					
			w	A	**2 θ	r_ϵ	KM1	Stock	ZM3	Stock	VM1	Stock	DT4	Stock
<p>• Right-Hand style shown</p>	CTP10FRV	12.0	1.0	0.40	20°	0.0	5576079	●	5255708	●	5264841	●	5847942	●
	15FRV		1.5	0.58			5576087	●	5255682	●	5264858	●		
	20FRV		2.0	0.77			5576095	●	5255666	●	5264866	●		
	CTP15FRNV		1.5	—	0°		5576111	●						
	20FRNV		2.0	—			5576020	●						
	CTP10FLV		12.0	1.0	0.40		20°	0.0			5255641	●	5264882	●
	15FLV	1.5		0.58	5255625	●			5264890	●				
	20FLV	2.0		0.77	5255609	●			5264908	●				
	CTP15FLNV	1.5		—	0°	5576012	●							
	20FLNV	2.0		—		5576004	●							
	CTP15FLKV	11.0		1.5	0.58	20°	0.05		5576103	●		5264874	●	
	20FLKV		2.0	0.77					5392691	●				

※ 1: Max. cut-off diameter shows when X end point is 0.0. For more information, see page G67.
 ※ 2: All angles shown are obtained when insert is set in the holder.

CTP Series - Inserts (Ground Chipbreaker : cost advantage style)

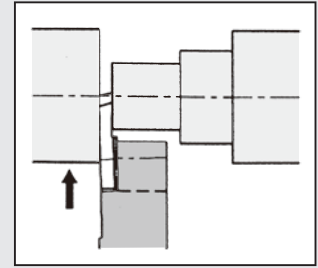
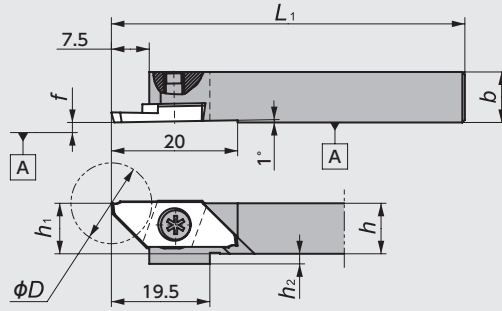
Shape	Item Number	*1 Max. Cut-off Dia (mm) ϕD	Dimensions (mm)				PVD Coated Carbide					
			w	A	**2 θ	r_ϵ	ZM3	Stock	QM3	Stock	DT4	Stock
<p>• Right-Hand style shown</p>	CTPX15FR	12.0	1.5	0.46	16°	0.05	5334909	●	5535729	●	5827514	●
	20FR		2.0	0.61			5334834	●	5535745	●	5850169	●
	CTPX15FRN		1.5	—	0°		5535711	●	5850193	●		
	20FRN		2.0	—			5535737	●	5850144	●		
	CTPX15FL		1.5	0.46	16°				5850227	●		
	20FL		2.0	0.61					5850185	●		
	CTPX15FLN	1.5	—	0°			5535653	●	5850201	●		
	20FLN	2.0	—				5535638	●	5830468	●		
	CTPX15FLK	11.0	1.5	0.46	16°	0.05			5535646	●	5850219	●
	20FLK		2.0	0.61					5535620	●	5850177	●

※ 1: Max. cut-off diameter shows when X end point is 0.0. For more information, see page G67.
 ※ 2: All angles shown are obtained when insert is set in the holder.

CTPA Series Max. Cut-off Dia. ~ 16.0mm

CTPA

Screw accessible from both sides



● Right-Hand style shown

Figure-1

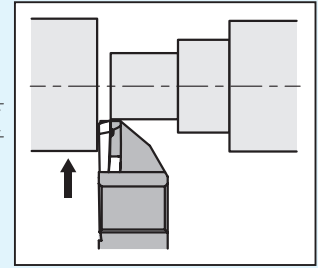
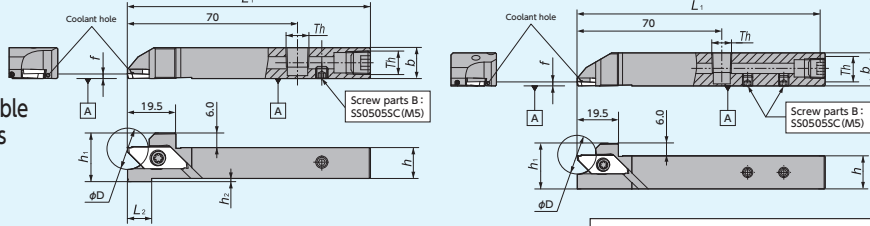
CTPA-OH2

□12 : CTPA $\frac{R}{L}$ 12H-OH2

□16 : CTPA $\frac{R}{L}$ 16X-OH2

(Coolant through)

Screw accessible from both sides



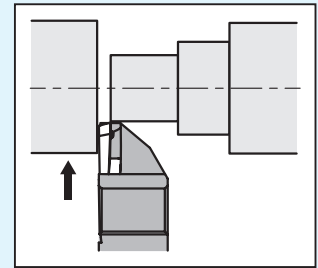
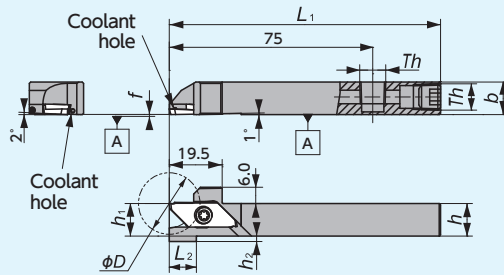
● Right-Hand style shown

Figure-2 ● Left-Hand holders are designed for Right-Hand machines

Th (Screw parts A)
1212/1616 size : SPR1/8(Rc1/8)

CTPA-OH

(Coolant through)
Screw accessible from both sides

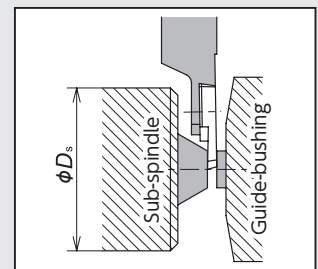
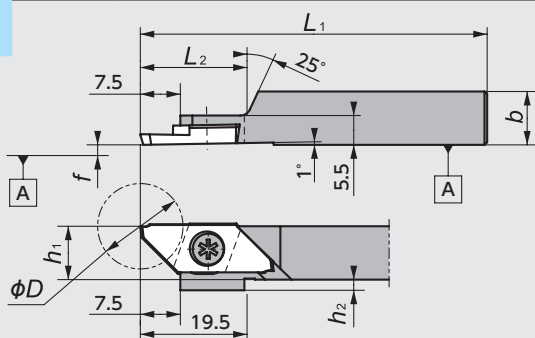


● Right-Hand style shown

Figure-3 ● Left-Hand holders are designed for Right-Hand machines

Th
□12, □16 : Rc1/8 (PT1/8)

CTPAR-SUB

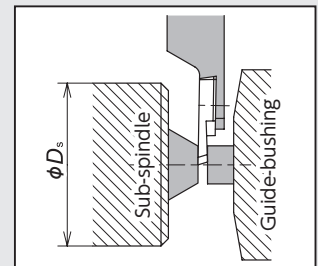
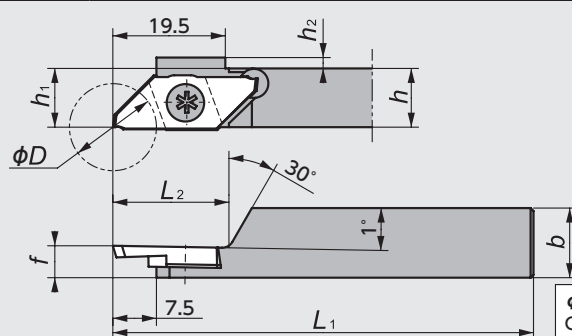


● Right-Hand style shown

Figure-4

ϕDs
CTPAR-SUB : ϕ36mm

CTPAL-SUB





● Left-Hand style shown

Figure-5

ϕDs
CTPAL-SUB : ϕ36mm

CTPA Series - Toolholders

Figure	Code No.		Item Number	Stock		Max. Cut-off Dia (mm) ϕD	Dimensions (mm)							Gage insert 	Spare Parts			
	R	L		R	L		h	b	L ₁	h ₁	h ₂	L ₂	f		Clamp Screw		Wrench	
															(A)	(B)	(A)	
1	5199187	5199153	CTPA $\frac{R}{L}$ 10	●	●	16.0 ※	10	10	120	10	2	—	0.0	CTPA (Cut-off) G82~84 TBPA (Back Turning) G55	LRIS-4*10PW (A)			
	5016209	5016217	12GX	●	●		12	12	85	12	0				LRIS-4*12PW (A)			CLR-15S (A)
	5199195	5199161	12	●	●		16	16	16	16	0				LRIS-4*12PW (A)			CLR-15S (A)
	5199203	5199179	16	●	●		20	20	80	20	0				LRIS-4*10 (B)			LLR-25S (B)
	5459540	5459557	20F	●	●		12	12	100	12	2				10	2.0※		CTPA (Cut-off) G82~84
5037932	5037924	CTPA $\frac{R}{L}$ 12H-OH2	●	●	16	16	120	16	0	0	2.0※	LRIS-4*12PW (A)		CLR-15S (A)				
2	5043872	5043864	16X-OH2	●	●	16.0 ※	12	12	100	12	2	10	2.0※	CTPA (Cut-off) G82~84	LRIS-4*12PW (A)		CLR-15S (A)	
	5931522	5931530	CTPA $\frac{R}{L}$ 12H-OH	●	●		16	16	16	16	0	0	2.0※		LRIS-4*12PW (A)		CLR-15S (A)	
3	5931548	5931563	16H-OH	●	●	16.0 ※	10	10	85	10	2	—	0.0	CTPA-FR (N)(V)(NV) G82~84	LRIS-4*5 (B)		LLR-25S (B)	
	5600770		CTPAR10GX-SUB	●	●		12	12	120	12	0				LRIS-4*5 (B)		LLR-25S (B)	
4	5454681		12GX-SUB	●	●	16.0 ※	10	10	10	2	—	5.5	CTPA-FL (N)(K)(NV)(KV) G82~84	LRIS-4*5 (B)		LLR-25S (B)		
	5570676		12KX-SUB	●	●		12	12	12	0				LRIS-4*5 (B)		LLR-25S (B)		
	5505904		CTPAL10GX-SUB	●	●		16	16	16	16				28	LRIS-4*5 (B)		LLR-25S (B)	
5	5454699		12GX-SUB	●	●	16.0 ※	10	10	85	10	2	—	5.5	CTPA-FL (N)(K)(NV)(KV) G82~84	LRIS-4*5 (B)		LLR-25S (B)	
	5570684		12KX-SUB	●	●		12	12	12	0	LRIS-4*5 (B)				LLR-25S (B)			
	5604871		16GX-SUB	●	●		16	16	85	16	28				LRIS-4*5 (B)		LLR-25S (B)	
	5981659		16KX-SUB	●	●		12	12	120	12	0				LRIS-4*5 (B)		LLR-25S (B)	
	5505904		CTPAL10GX-SUB	●	●		10	10	10	2	—				5.5	CTPA-FL (N)(K)(NV)(KV) G82~84	LRIS-4*5 (B)	

※ Would be changed by insert.

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CTPA Series - Inserts (Without Chipbreaker)

Shape	Item Number	※1 Max. Cut-off Dia (mm) ϕD	Dimensions (mm)				Carbide		PVD Coated Carbide				
			w	A	※2 θ	r_ϵ	KM1	Stock	ZM3	Stock	VM1	Stock	
	CTPA20FRS	16.0	2.0	-	0°	0.05			5378823	●			
Mirror finish 	CTPA20FRV			0.77	20°		5576038	●			5264916	●	
Mirror finish 	CTPA20FRNV					0.0			5576046	●			
	CTPA20FLS									5225255	●		
Mirror finish 	CTPA20FLV			0.77	20°							5264924	●
Mirror finish 	CTPA20FLNV					0.0	5576053	●					
Mirror finish 	CTPA20FLKV			14.5	0.77	20°	5576061	●				5264932	●

● Right-Hand style shown

※ 1 : Max. cut-off diameter shows when X end point is 0.0. For more information, see page G67.
 ※ 2 : All angles shown are obtained when insert is set in the holder.