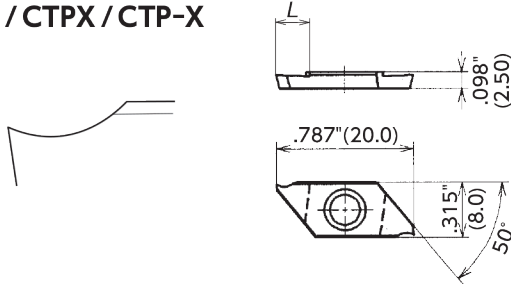


### CTP Series Inserts (Right-Hand)

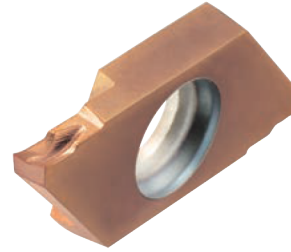
Max. Cut-off Dia. -  $\phi .472"$  (12.0mm)

CTP / CTPX / CTP-X

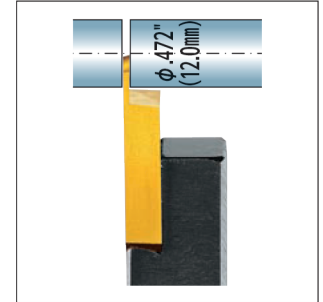


All angles shown are obtained when insert is set in the holder.

Two-sided insert



CX-Chipbreaker



Right-Hand style shown

**Superior  
Edge  
Strength**

Work Material	High Temp Alloys	Titanium Alloys	Cobalt Chrome Alloys	Stainless Steels		
Common Name	Inconel Hastelloy MP35N	Ti-6Al-4V	ASTM F-75	Hard to Cut 304	316 17-4PH	Free Cutting 303 430F
Cutting Speed (SFM)	100 160 230					100 200 300
Feed Rate (IPR)	.0008 .0012 .0020					.0008 .0016 .0024

### FR Grade ST4

Item #	EDP #	Figure	Chip Breaker	Max Cut-off Dia. $\phi$ D		w		L		$\Theta$	$r_{t1}$		Price
				Inch	mm	Inch	mm	Inch	mm		Inch	mm	
CTP10FR-CX	5044722	2	YES CX	.472	12	.039	1.0	.264	6.7	16	.002	0.05	XX.XX
CTP10FR-TH	5038823	1	YES	.472	12	.039	1.0	.264	6.7	16	.002	0.05	XX.XX
CTP13FR-CX	5039318	2	YES CX	.472	12	.051	1.3	.264	6.7	16	.002	0.05	XX.XX
CTP15FR-CX	5039383	2	YES CX	.472	12	.059	1.5	.264	6.7	16	.002	0.05	XX.XX
CTP15FR-TH	5040118	1	YES	2.05	12	.059	1.5	.264	6.7	16	.002	0.05	XX.XX
CTP20FR-TH	5040167	1	YES	2.05	12	.079	2.0	.264	6.7	16	.002	0.05	XX.XX

Figure-1

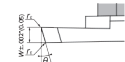


Figure-2



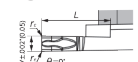
### FRN

Item #	EDP #	Figure	Chip Breaker	Max Cut-off Dia. $\phi$ D		w		L		$\Theta$	$r_{t1}$		Price
				Inch	mm	Inch	mm	Inch	mm		Inch	mm	
CTP10FRN-CX	5039300	2	YES CX	.472	12	.039	1.0	.264	6.7	0	.002	0.05	XX.XX
CTP10FRN-TH	5038849	1	YES	.472	12	.039	1.0	.264	6.7	0	.002	0.05	XX.XX
CTP13FRN-CX	5039326	2	YES CX	.472	12	.051	1.3	.264	6.7	0	.002	0.05	XX.XX
CTP15FRN-CX	5039391	2	YES CX	.472	12	.059	1.5	.264	6.7	0	.002	0.05	XX.XX
CTP15FRN-TH	5040134	1	YES	2.05	12	.059	1.5	.264	6.7	0	.002	0.05	XX.XX
CTP20FRN-TH	5040183	1	YES	2.05	12	.079	2.0	.264	6.7	0	.002	0.05	XX.XX

Figure-1



Figure-2



*Delivering  
Better  
Performance*

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Catalog today**



# NTK CUTTING TOOLS

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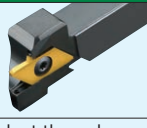


**50 FREE FLYERS**

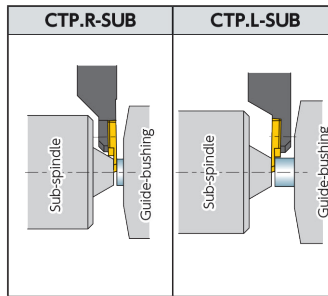
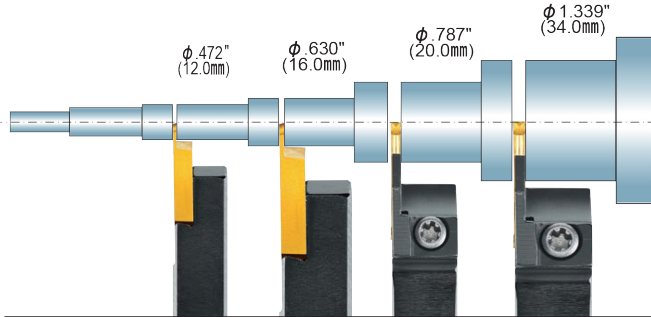
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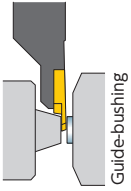
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SALES SUPPORT & SERVICE  
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Insert	CTP			
Holder	CTP	CTP-OH2/OH	CTPR-SUB	CTPL-SUB
				
		Coolant through		
Max Cut-off Diameter	~ $\phi$ .472" (~12.0mm)			
Blade width	.020" - .079" (0.5 - 2.0mm)			

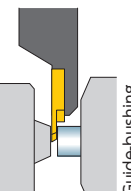


### CTP. R-SUB



- Recommended when cut-off point is close to guide-bushing for small and thin parts
- When the part length is short, extended sub-spindle guide-bushing is generally used

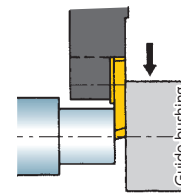
### CTP. L-SUB



- Recommended when required to cut-off close to the sub-spindle especially with small diameters
- Can cut much closer to the sub-spindle than the other left-handed tool holders
- Sub-spindle should hold the work

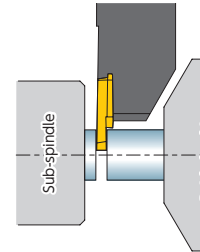
## Right or Left Hand?

Right-hand recommended



R-hand Toolholder using a R-hand insert with lead angle

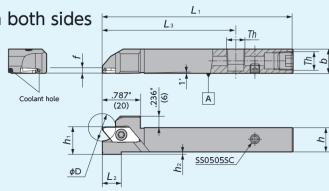
Left-hand recommended



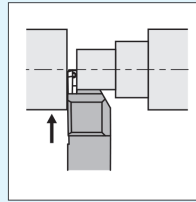
L-hand Toolholder with a non-lead angle insert when the bar stock is held by sub-spindle

### CTP-OH2 (Coolant through)

Screw Accessible from both sides



Th (Thread type)  
3/8" holder : M6x1  
1/2", 5/8" holder : NPT1/8  
Metric size holder : Rc1/8 (PT1/8)

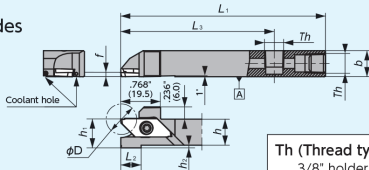


Right-Hand style shown

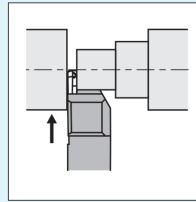
**Figure-2** • Left-Hand holders are designed for Right-Hand machines

### CTP-OH (Coolant through)

Screw Accessible from both sides



Th (Thread type)  
3/8" holder : M6x1  
1/2", 5/8" holder : NPT1/8  
Metric size holder : Rc1/8 (PT1/8)



Right-Hand style shown

**Figure-3** • Left-Hand holders are designed for Right-Hand machines

## CTP Cut Off Holder - Right Hand COOLANT THRU

Item #	EDP #	Figure	Max Cut-off Dia. Ø D		h		h <sub>1</sub>		b		L <sub>1</sub>		h <sub>2</sub>		L <sub>2</sub>		L <sub>3</sub>		Th	f		Clamp Screw	Wrench	Price
			Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm		Inch	mm			
CTPR06H-IN-OH	5919162	3	.472	12	3/8		.472	12	3/8		3.937	100	.176	4.475	.748	19	2.953	75	M6X1	0	0	LRIS-4X10PW	CLR-15S	XXX.XX
CTPR08H-IN-OH2	5038054	2	.472	12	1/2		1/2		1/2		3.937	100	.051	1.3	.394	10	2.756	70	NPT1/8	0	0	LRIS-4X12PW	CLR-15S	XXX.XX
CTPR1012H-OH	5921853	3	.472	12	.394	10	.472	12	3.94	10	3.937	100	.176	4.475	.748	19	2.953	75	M6X1	0	0	LRIS-4X12PW	CLR-15S	XXX.XX
CTPR12H-OH2	5037874	2	.472	12	.472	12	.472	12	.472	12	3.937	100	.051	1.3	.394	10	2.756	70	RC1/8(PT1/8)	0	0	LRIS-4X12PW	CLR-15S	XXX.XX
CTPR16H-OH	5921879	3	.472	12	.630	16	.630	16	.630	16	3.937	100	0	0	-	-	2.953	75	RC1/8(PT1/8)	0	0	LRIS-4X12PW	CLR-15S	XXX.XX

## CTP Cut Off Holder - Left Hand COOLANT THRU

Item #	EDP #	Figure	Max Cut-off Dia. Ø D		h		h <sub>1</sub>		b		L <sub>1</sub>		h <sub>2</sub>		L <sub>2</sub>		L <sub>3</sub>		Th	f		Clamp Screw	Wrench	Price
			Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm		Inch	mm			
CTPL06H-IN-OH	5919170	3	.472	12	3/8		.472	12	3/8		3.937	100	.176	4.475	.748	19	2.953	75	M6X1	0	0	LRIS-4X10PW	CLR-15S	XXX.XX
CTPL08H-IN-OH2	5038062	2	.472	12	1/2		1/2		1/2		3.937	100	.051	1.3	.394	10	2.756	70	NPT1/8	0	0	LRIS-4X12PW	CLR-15S	XXX.XX
CTPL1012H-OH	5921861	3	.472	12	.394	10	.472	12	3.94	10	3.937	100	.176	4.475	.748	19	2.953	75	M6X1	0	0	LRIS-4X12PW	CLR-15S	XXX.XX
CTPL12H-OH2	5037866	2	.472	12	.472	12	.472	12	.472	12	3.937	100	.051	1.3	.394	10	2.756	70	RC1/8(PT1/8)	0	0	LRIS-4X12PW	CLR-15S	XXX.XX
CTPL16H-OH	5921887	3	.472	12	.630	16	.630	16	.630	16	3.937	100	0	0	-	-	2.953	75	RC1/8(PT1/8)	0	0	LRIS-4X12PW	CLR-15S	XXX.XX