Y-Axis Holders for DC.. Inserts

Y-SDJC

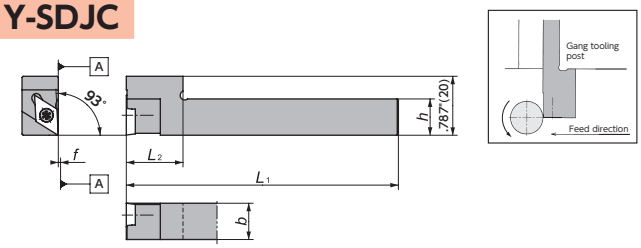


Figure-1

Right-Hand style shown
Takes Right-hand or Neutral insert

Y-SDNC

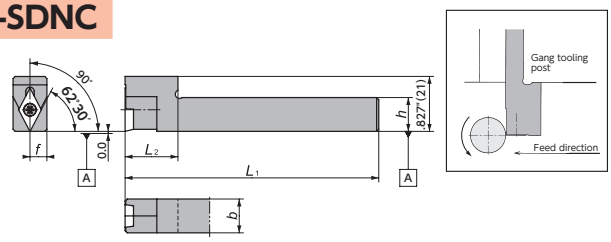
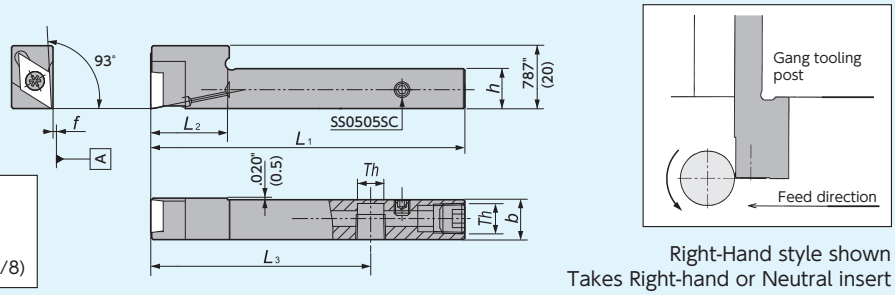


Figure-4

Takes Right-hand or Neutral insert

Y-SDJC-OH2 (Coolant through)

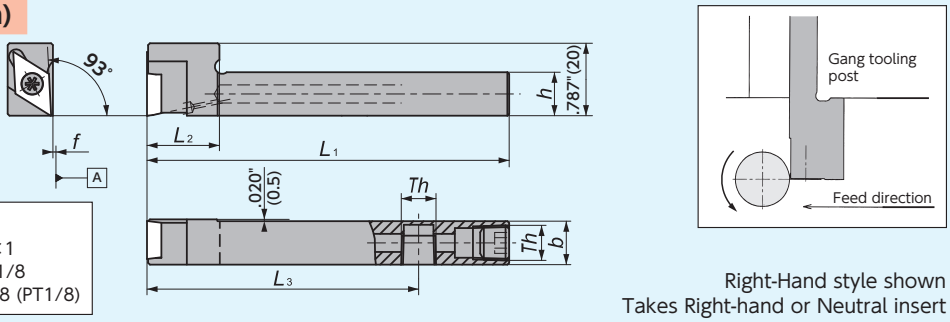


Th (Thread type)
3/8" holder : M6×1
1/2", 5/8" holder : NPT1/8
Metric size holder: Rc1/8 (PT1/8)

Figure-2

Right-Hand style shown
Takes Right-hand or Neutral insert

Y-SDJC-OH (Coolant through)



Th (Thread type)
3/8" holder : M6×1
1/2", 5/8" holder : NPT1/8
Metric size holder: Rc1/8 (PT1/8)

Figure-3

Right-Hand style shown
Takes Right-hand or Neutral insert

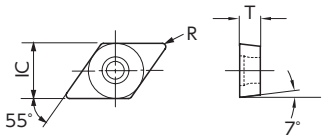
DC.. Series - Toolholders Ⅱ

Gage Insert	Item Number	Figure	Stock R	Stock L	h (Inch)	h (mm)	b (Inch)	b (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	L_3 (Inch)	L_3 (mm)	Th	Clamp Screw	Wrench
			N																
DC..21.5.. DC..21.5..WP	Y-SDJCR062-IN	1	●		3/8		3/8		4.724	120	0	0	.984	25	–	–	–	LRIS-2.5 × 7	CLR-15S
	Y-SDJCR082-IN	1	●		1/2		1/2		4.724	120	0	0	.984	25	–	–	–	LRIS-2.5 × 7	CLR-15S
	Y-SDJCR10-07S	1	○		.394	10.0	.394	10	4.724	120	0	0	.787	20	–	–	–	LRIS-2.5 × 7	CLR-15S
	Y-SDJCR12-07S	1	○		.472	12.0	.472	12	4.724	120	0	0	.787	20	–	–	–	LRIS-2.5 × 7	CLR-15S
DC..32.5.. DC..32.5..WP	Y-SDJCR083-IN	1	●		1/2		1/2		4.724	120	0	0	.984	25	–	–	–	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDJCR103-IN	1	●		5/8		5/8		4.724	120	0	0	.984	25	–	–	–	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDJCR10-11MS	2	○		.394	10.0	.394	10	4.724	120	0	0	.866	22	–	–	–	LRIS-2.5 × 7	CLR-15S
	Y-SDJCR10-11S	2	○		.394	10.0	.394	10	4.724	120	0	0	.787	20	–	–	–	LRIS-2.5 × 7	CLR-15S
	Y-SDJCR12-11MS	2	○		.472	12.0	.630	16	4.724	120	0	0	.866	22	–	–	–	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDJCR12-11S	1	○		.472	12.0	.630	16	4.724	120	0	0	.787	20	–	–	–	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDJCR16-11S	1	○		.630	16.0	.630	16	4.724	120	0	0	.787	20	–	–	–	LRIS-4 × 10	LLR-25S-20 × 65
DC..21.5.. DC..21.5..WP	Y-SDJCR062H-IN-OH 💧	3	●		3/8		3/8		3.937	100	0	0	.984	25	2.953	75	M6 × 1	LRIS-2.5 × 7	CLR-15S
	Y-SDJCR082H-IN-OH 💧	3	●		1/2		1/2		3.937	100	0	0	.984	25	2.953	75	NPT1/8	LRIS-2.5 × 7	CLR-15S
DC..32.5.. DC..32.5..WP	Y-SDJCR083H-IN-OH 💧	3	■		1/2		1/2		3.937	100	0	0	.984	25	2.953	75	NPT1/8	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDJCR083H-IN-OH2 💧	2	●		1/2		1/2		3.937	100	0	0	.984	25	2.756	70	NPT1/8	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDJCR103H-IN-OH 💧	3	●		5/8		5/8		3.937	100	0	0	.984	25	2.953	75	NPT1/8	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDJCR1212H11S-OH 💧	3	■		.472	12.0	.472	12.0	3.937	100	0	0	.787	20	2.953	75	Rc1/8(PT1/8)	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDJCR1212H11S-OH2 💧	2	●		.472	12.0	.472	12.0	3.937	100	0	0	.787	20	2.756	70	Rc1/8(PT1/8)	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDJCR1616H11-OH 💧	3	○		.630	16.0	.630	16.0	3.937	100	0	0	.984	25	2.953	75	Rc1/8(PT1/8)	LRIS-4 × 10	LLR-25S-20 × 65
DC..32.5..	Y-SDNCN083-IN	4	●		1/2		1/2		4.724	120	1/4	6.35	.984	25	–	–	–	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDNCN12-11S	4	○		.472	12.0	.472	12	4.724	120	.236	6.0	.787	20	–	–	–	LRIS-4 × 10	LLR-25S-20 × 65
	Y-SDNCN16-11S	4	○		.630	16.0	.630	16	4.724	120	.315	8.0	.787	20	–	–	–	LRIS-4 × 10	LLR-25S-20 × 65

DC.. Inserts - Carbide

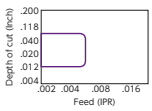
(inch)	IC	T
DC..21.5	1/4	3/32
DC..32.5	3/8	5/32

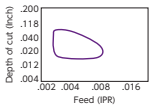
● : 1st Choice ● : 2nd choice

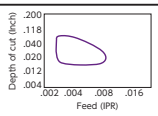


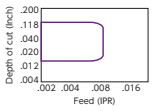
		ST4	DM4	DT4	QM3	TM4	VM1	ZM3	KM1	CP1	UC1
Steel	P	●	●	●	●	●	●	●	●		
Stainless Steel	M	●	●	●	●	●	●	●	●		
Cast Iron	K									●	
Non-Ferrous Material	N					●	●	●	●		●
Heat Resistant Alloy	S	●	●	●	●	●					
Hardened Material	H	●	●	●	●						

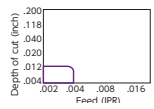
Shape	Item Number	ISO Item Number	IC	R	ST4	DM4	DT4	QM3	TM4	VM1	ZM3	KM1	CP1	UC1
					Carbide									
					PVD Coated								CVD	Diamond Coating
	DCGT 21.504M YL	DCGT 070201M YL	1/4	.003		●		●						
	DCGT 21.508M YL	DCGT 070202M YL	1/4	.007		●		●						
	DCGT 21.51M YL	DCGT 070204M YL	3/8	.015		●		●						
	DCGT 32.501 YL	DCGT 11T300 YL	3/8	.001			●		●					
	DCGT 32.504M YL	DCGT 11T301M YL	3/8	.003	●	●	○	●	○					
	DCGT 32.508M YL	DCGT 11T302M YL	3/8	.007	●	●	○	●	○					
	DCGT 32.51M YL	DCGT 11T304M YL	3/8	.015	●	●	○	●	○					
	DCGT 32.52M YL	DCGT 11T308M YL	3/8	.031	●	●	○	●	○					
	DCGT 21.501 FNAM3	DCGT 070200 FNAM3	1/4	.001			●	●	○	○	○			
	DCGT 21.504M FNAM3	DCGT 070201 MFNAM3	1/4	.003	○		●	●	○					
	DCGT 21.504 FNAM3	DCGT 070201 FNAM3	1/4	.004						○	○			
	DCGT 21.508M FNAM3	DCGT 070202 MFNAM3	1/4	.007	○		●	●	○					
	DCGT 21.508 FNAM3	DCGT 070202 FNAM3	1/4	.008						○	○			
	DCGT 21.51M FNAM3	DCGT 070204 MFNAM3	1/4	.015	○		●	●	○					
	DCGT 21.51 FNAM3	DCGT 070204 FNAM3	1/4	.016						○	○			
	DCGT 32.501 FNAM3	DCGT 11T300 FNAM3	3/8	.001			●	●	○	○	●			
	DCGT 32.504M FNAM3	DCGT 11T301 MFNAM3	3/8	.003	○		●	●	○	○	○			
	DCGT 32.508M FNAM3	DCGT 11T302 MFNAM3	3/8	.007	○		●	●	○	○	○			
	DCGT 32.508 FNAM3	DCGT 11T302 FNAM3	3/8	.008				●		○	●			
	DCGT 32.51M FNAM3	DCGT 11T304 MFNAM3	3/8	.015	○		●	●	○	○	○			
	DCGT 32.51 FNAM3	DCGT 11T304 FNAM3	3/8	.016				●		○	●			
	DCGT 32.52 FNAM3	DCGT 11T308 FNAM3	3/8	.031				●						
	DCMT 21.508 FNAM3	DCMT 070202 FNAM3	1/4	.008		○								
	DCMT 21.51 FNAM3	DCMT 070204 FNAM3	1/4	.016		○								
	DCMT 32.508 FNAM3	DCMT 11T302 FNAM3	3/8	.008		○								
	DCMT 32.51 FNAM3	DCMT 11T304 FNAM3	3/8	.016		○								
	DCMT 32.52 FNAM3	DCMT 11T308 FNAM3	3/8	.031		○								
wiper insert	DCGT 32.502 AM3-WP*	TFD 11FR05AM3	3/8	.002			●	○						
	DCGT 32.506 AM3-WP*	TFD 11FR15AM3	3/8	.006			●	○						
	DCGT 21.504M CL	DCGT 070201M CL	1/4	.003	○	○	●	○	○					
	DCGT 21.508M CL	DCGT 070202M CL	1/4	.007	○	○	●	○	○					
	DCGT 21.51M CL	DCGT 070204M CL	1/4	.015	○	○	●	○	○					
	DCGT 32.504M CL	DCGT 11T301M CL	3/8	.003	○	○	●	○	●					
	DCGT 32.508M CL	DCGT 11T302M CL	3/8	.007	○	○	●	●	●					
	DCGT 32.51M CL	DCGT 11T304M CL	3/8	.015	○	○	●	●	●					
	DCGT 21.504M AMX	DCGT 070201M AMX	1/4	.003		○	○		●					
	DCGT 21.508M AMX	DCGT 070202M AMX	1/4	.007		○	○		●					
	DCGT 21.51M AMX	DCGT 070204M AMX	1/4	.015		○	○		○					
	DCGT 32.504M AMX	DCGT 11T301M AMX	3/8	.003		●	○		●					
	DCGT 32.508M AMX	DCGT 11T302M AMX	3/8	.007		●	○		●					
	DCGT 32.51M AMX	DCGT 11T304M AMX	3/8	.015		●	○		●					
	DCGT 21.501 AZ7	DCGT 070200 AZ7	1/4	.001				○						
	DCGT 21.504M AZ7	DCGT 070201M AZ7	1/4	.003				○						
	DCGT 21.508M AZ7	DCGT 070202M AZ7	1/4	.007				○						
	DCGT 32.501 AZ7	DCGT 11T300 AZ7	3/8	.001			○	●	○		○			
	DCGT 32.504M AZ7	DCGT 11T301M AZ7	3/8	.003			○	●	○		○			
	DCGT 32.508M AZ7	DCGT 11T302M AZ7	3/8	.007			○	●	○		○			
	DCGT 32.51M AZ7	DCGT 11T304M AZ7	3/8	.015			○	●	○		○			
	DCGT 32.52 AZ7	DCGT 11T308 AZ7	3/8	.031			○	●			○			

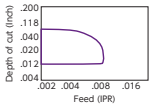


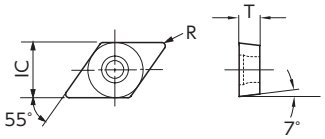




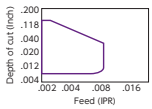
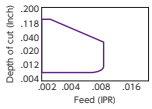
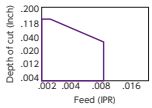
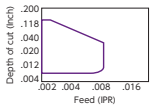
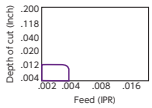
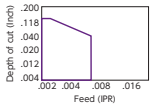


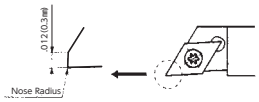






		ST4	DM4	DT4	QM3	TM4	VM1	ZM3	KM1	CP1	UC1
Steel	P	●	●	●	●	●	●	●	●		
Stainless Steel	M	●	●	●	●	●	●	●	●		
Cast Iron	K									●	
Non-Ferrous Material	N					●	●	●	●		●
Heat Resistant Alloy	S	●	●	●	●	●					
Hardened Material	H	●	●	●	●						

Shape	Item Number	ISO Item Number	IC	R	ST4	DM4	DT4	QM3	TM4	VM1	ZM3	KM1	CP1	UC1	
					Carbide										
					PVD Coated								CVD	Diamond Coating	
	DCGT 21.501 R/L S	DCGT 070200 R/L S	1/4	.001			Ⓡ	R		ⓇⓁ	RⓁ				
	DCGT 21.504M R/L S	DCGT 070201M R/L S	1/4	.003			R	R							
	DCGT 21.504 R/L S	DCGT 070201 R/L S	1/4	.004						RⓁ	RⓁ				
	DCGT 21.508M R/L S	DCGT 070202M R/L S	1/4	.007			R	R							
	DCGT 21.508 R/L S	DCGT 070202 R/L S	1/4	.008						ⓇⓁ	RⓁ				
	DCGT 21.51 R/L S	DCGT 070204 R/L S	1/4	.016				R		Ⓡ					
	DCGT 32.501 R/L S	DCGT 11T300 R/L S	3/8	.001			R	R	R	ⓇⓁ	R				
	DCGT 32.504M R/L S	DCGT 11T301M R/L S	3/8	.003			R	R	R						
	DCGT 32.504 R/L S	DCGT 11T301 R/L S	3/8	.004				Ⓡ		ⓇⓁ	R				
	DCGT 32.508M R/L S	DCGT 11T302M R/L S	3/8	.007			R	Ⓡ	Ⓡ						
	DCGT 32.508 R/L S	DCGT 11T302 R/L S	3/8	.008				R		ⓇⓁ	R				
	DCGT 32.51M R/L S	DCGT 11T304M R/L S	3/8	.015			Ⓡ	Ⓡ	R						
	DCGT 32.51 R/L S	DCGT 11T304 R/L S	3/8	.016				R							
wiper insert	DCGT 21.502 R/L S-WP*	TFD 07FR/L05	1/4	.002				R		Ⓡ	ⓇⓁ				
	DCGT 21.506 R/L S-WP*	TFD 07FR/L15	1/4	.006				R			ⓇⓁ				
	DCGT 32.502 R/L S-WP*	TFD 11FR/L05	3/8	.002				R		Ⓡ	Ⓡ				
	DCGT 32.506 R/L S-WP*	TFD 11FR/L15	3/8	.006				R			Ⓡ				
	DCGT 21.501 R/L U	DCGT 070200 R/L U	1/4	.001						Ⓡ	Ⓡ				
	DCGT 21.504 R/L U	DCGT 070201 R/L U	1/4	.004						Ⓡ	Ⓡ				
	DCGT 21.508 R/L U	DCGT 070202 R/L U	1/4	.008						Ⓡ	ⓇⓁ				
	DCGT 32.501 R/L U1	DCGT 11T300 R/L U1	3/8	.001			Ⓡ		Ⓡ	Ⓡ	ⓇⓁ				
	DCGT 32.504 R/L U1	DCGT 11T301 R/L U1	3/8	.004			Ⓡ		Ⓡ	Ⓡ	ⓇⓁ				
	DCGT 32.508 R/L U1	DCGT 11T302 R/L U1	3/8	.008			Ⓡ		Ⓡ	Ⓡ	ⓇⓁ				
	DCGT 32.51 R/L U1	DCGT 11T304 R/L U1	3/8	.016			Ⓡ		Ⓡ	Ⓡ	ⓇⓁ				
wiper insert	DCGT 21.502 R/L U-WP*	TFD 07FR/L05U	1/4	.002				Ⓡ		Ⓡ	Ⓡ				
	DCGT 21.506 R/L U-WP*	TFD 07FR/L15U	1/4	.006				Ⓡ			Ⓡ				
	DCGT 32.502 R/L U1-WP*	TFD 11FR/L05U1	3/8	.002				Ⓡ		Ⓡ	Ⓡ				
	DCGT 32.506 R/L U1-WP*	TFD 11FR/L15U1	3/8	.006				Ⓡ			Ⓡ				
	DCET 21.502 R/L KHG	DCET 0702005 R/L KHG	1/4	.002						ⓇⓁ					
	DCET 21.503 R/L KHG	DCET 0702008 R/L KHG	1/4	.003						ⓇⓁ					
	DCET 21.507 R/L KHG	DCET 0702018 R/L KHG	1/4	.007						ⓇⓁ					
	DCET 21.508 R/L KHG	DCET 070202 R/L KHG	1/4	.008						ⓇⓁ					
	DCET 32.502 R/L KHG	DCET 11T3005 R/L KHG	3/8	.002					Ⓡ	ⓇⓁ					
	DCET 32.503 R/L KHG	DCET 11T3008 R/L KHG	3/8	.003					Ⓡ	ⓇⓁ					
	DCET 32.507 R/L KHG	DCET 11T3018 R/L KHG	3/8	.007					Ⓡ	ⓇⓁ					
	DCET 32.508 R/L KHG	DCET 11T302 R/L KHG	3/8	.008					Ⓡ	ⓇⓁ					
	DCET 21.503 UHG	DCET 0702008 R/L UHG	1/4	.003						Ⓡ					
	DCET 32.503 UHG	DCET 11T3008 R/L UHG	3/8	.003						Ⓡ					
	DCGW 21.500 V Ⓜ	DCGW 07020 V	1/4	.001						○					—
	DCGW 21.501 FN	DCGW 070200 FN	1/4	.001							○				
	DCGW 21.501 H Ⓜ	DCGW 070200 H	1/4	.001								●			
	DCGW 21.504 FN	DCGW 070201 FN	1/4	.004							○				
	DCGW 21.504 H Ⓜ	DCGW 070201 H	1/4	.004								●			
	DCGW 21.508 H Ⓜ	DCGW 070202 H	1/4	.008								●			
	DCGW 32.500 V Ⓜ	DCGW 11T30 V	3/8	.001						○					
	DCGW 32.501 FN	DCGW 11T300 FN	3/8	.001							○				
	DCGW 32.501 H Ⓜ	DCGW 11T300 H	3/8	.001								●			
	DCGW 32.504 FN	DCGW 11T301 FN	3/8	.004							○				
	DCGW 32.504 H Ⓜ	DCGW 11T301 H	3/8	.004								●			
	DCGW 32.508 H Ⓜ	DCGW 11T302 H	3/8	.008								●			
wiper insert	DCGW 21.502RH-WP* Ⓜ	TFD 07FR05H	1/4	.002								○			—
	DCGW 32.502RH-WP* Ⓜ	TFD 11FR05H	3/8	.006								○			



*Note: NTK WP style inserts have a wiper facet design.
The insert has a 0.3mm (.012") flat on the cutting edge when the insert is set into the toolholder.
The flat on the cutting edge ensures a superior surface when feed rates are increased.
WP style inserts can be used in toolholders: SDJC, CH-SDUL and DS-SDUL.

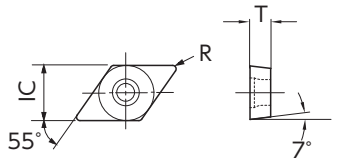
Holders ➡Q16
Cutting condition ➡Q4
Chipbreaker ➡P20

● : Stock
● : Stock (Newly added)
■□RⓁ : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
ⓇⓁ : 1-2 week delivery (Right / Left-hand only)
ⓇⓁ : 1-2 week delivery (Right / Left-hand only, Newly added)

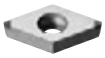
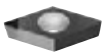
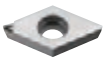
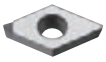
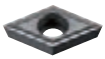
DC.. inserts - CBN / PCD

(inch)	IC	T
DC.. 21	1/4	3/32
DC.. 32	3/8	5/32

● : 1st Choice ● : 2nd choice



		JP2	B99	B5K	B52	B6K	B36	B40	B23	B30	PD1	PD2	UC1
Steel	P												
Stainless Steel	M												
Cast Iron	K		●	●	●				●	●			
Non-Ferrous Material	N										●	●	●
Heat Resistant Alloy	S	●											
Hardened Material	H		●	●	●	●	●	●					

Shape	Item Number	ISO Item Number	Edge Prep.	IC	R	No. of edge	Length of edge	JP2 (BIDEMICS Coated)	B99 (Solid CBN)	B5K (CBN Coated)	B52 (CBN)	B6K (CBN Coated)	B36 (CBN)	B40 (CBN)	B23 (CBN)	B30 (CBN)	PD1 (PCD)	PD2 (PCD)	UC1 (Diamond Coating)
	DCGW 21.508 PD FNX	DCGW 070202 PD FNX	None	1/4	.008	2	.094				○								
	DCGW 21.508 PD S0415	DCGW 070202 PD S01015	S0415	1/4	.008	2	.094				●								
	DCGW 21.508 PD S0635	DCGW 070202 PD S01535	S0635	1/4	.008	2	.094							○					
	DCGW 21.51 PD FNX	DCGW 070204 PD FNX	None	1/4	.016	2	.087				○					○			
	DCGW 21.51 PD S0415	DCGW 070204 PD S01015	S0415	1/4	.016	2	.087				●								
	DCGW 21.51 PD S0635	DCGW 070204 PD S01535	S0635	1/4	.016	2	.087							●					
	DCGW 21.52 PD FNX	DCGW 070208 PD FNX	None	1/4	.031	2	.075				○								
	DCGW 21.52 PD S0415	DCGW 070208 PD S01015	S0415	1/4	.031	2	.075				●			○					
	DCGW 21.52 PD S0525	DCGW 070208 PD S01325	S0525	1/4	.031	2	.075							○					
	DCGW 21.52 PD S0635	DCGW 070208 PD S01535	S0635	1/4	.031	2	.075							○					
	DCGW 32.504 PD S0415	DCGW 11T301 PD S01015	S0415	3/8	.004	2	.091				○								
	DCGW 32.508 PD FNX	DCGW 11T302 PD FNX	None	3/8	.008	2	.094				○					○			
	DCGW 32.508 PD S0415	DCGW 11T302 PD S01015	S0415	3/8	.008	2	.094			●	●		○	○					
	DCGW 32.508 PD S0525	DCGW 11T302 PD S01325	S0525	3/8	.008	2	.094				○		○	○					
	DCGW 32.508 PD S0635	DCGW 11T302 PD S01535	S0635	3/8	.008	2	.094				○		○	●					
	DCGW 32.51 PD FNX	DCGW 11T304 PD FNX	None	3/8	.016	2	.087				○					○			
	DCGW 32.51 PD T0415	DCGW 11T304 PD T01015	T0415	3/8	.016	2	.087						○						
	DCGW 32.51 PD S0415	DCGW 11T304 PD S01015	S0415	3/8	.016	2	.087			●	●		○	○					
	DCGW 32.51 PD S0525	DCGW 11T304 PD S01325	S0525	3/8	.016	2	.087				○		○	○					
	DCGW 32.51 PD S0635	DCGW 11T304 PD S01535	S0635	3/8	.016	2	.087				○		○	●					
	DCGW 32.52 PD FNX	DCGW 11T308 PD FNX	None	3/8	.031	2	.075				○								
	DCGW 32.52 PD S0415	DCGW 11T308 PD S01015	S0415	3/8	.031	2	.075				●			○					
	DCGW 32.52 PD S0525	DCGW 11T308 PD S01325	S0525	3/8	.031	2	.075				○			○					
	DCGW 32.52 PD S0635	DCGW 11T308 PD S01535	S0635	3/8	.031	2	.075				○			●					
	DCGW 32.53 PD S0415	DCGW 11T312 PD S01015	S0415	3/8	.047	2	.102				○								
	DCMW 32.504	DCMW 11T301	None	3/8	.004	1	—										○		
	DCMW 32.508	DCMW 11T302	None	3/8	.008	1	—										○		
	DCMW 32.51	DCMW 11T304	None	3/8	.016	1	—										○		
	DCMW 32.52	DCMW 11T308	None	3/8	.031	1	—										○		
 with 3D chipbreaker	DCMT 21.504 PBF	DCMT 070201 PBF	None	1/4	.004	1	—											○	
	DCMT 21.508 PBF	DCMT 070202 PBF	None	1/4	.008	1	—											○	
	DCMT 32.504 PBF	DCMT 11T301 PBF	None	3/8	.004	1	—											○	
	DCMT 32.508 PBF	DCMT 11T302 PBF	None	3/8	.008	1	—											○	
	DCMT 32.51 PBF	DCMT 11T304 PBF	None	3/8	.016	1	—											○	
 with chipbreaker	DCMT 21.504 PF	DCMT 070201 PF	None	1/4	.004	1	—											○	
	DCMT 21.508 PF	DCMT 070202 PF	None	1/4	.008	1	—											○	
	DCMT 32.508 PF	DCMT 11T302 PF	None	3/8	.008	1	—											●	
	DCMT 32.51 PF	DCMT 11T304 PF	None	3/8	.016	1	—											●	
	DCMT 32.504 FNAM3	DCMT 11T301 FNAM3	None	3/8	.004	2	—												●
	DCMT 32.508 FNAM3	DCMT 11T302 FNAM3	None	3/8	.008	2	—												●
	DCMT 32.51 FNAM3	DCMT 11T304 FNAM3	None	3/8	.016	2	—												●

Y-axis Toolholders for VC.. Inserts

Y-SVJCR

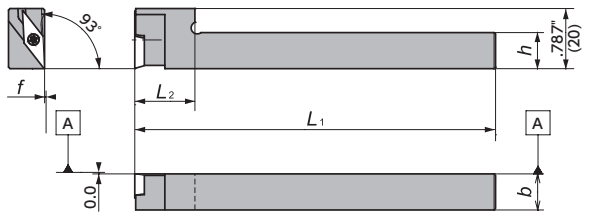


Figure-1

Right-Hand style shown
Takes Right-hand or Neutral insert

Y-SVJCR-OH2 (Coolant through)

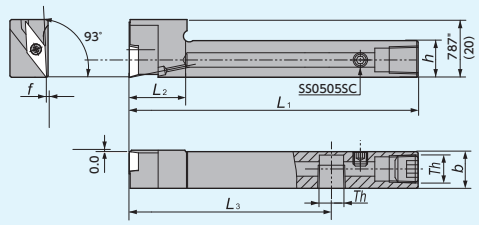


Figure-2

Th (Thread type)
Inch size holder: NPT1/8

Right-Hand style shown
Takes Right-hand or Neutral insert

Y-SVJCR-OH (Coolant through)

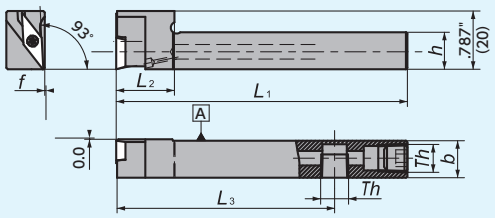


Figure-3

Th (Thread type)
Inch size holder: NPT1/8

Right-Hand style shown
Takes Right-hand or Neutral insert

DS Toolholders for VC.. Inserts

DS-SVX

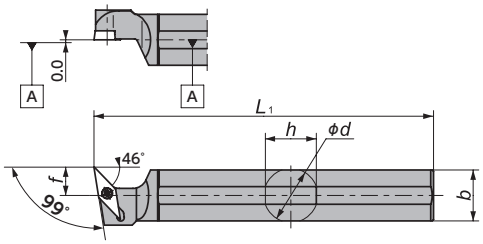


Figure-4

Left-Hand style shown
Takes Right-hand or Neutral insert

VC.. Series - Toolholders Ⅱ

Gage Insert	Item Number	Figure	Stock R	Stock L	h (Inch)	h (mm)	b (Inch)	b (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	L_3 (Inch)	L_3 (mm)	Th	Clamp Screw	Wrench
VC..22..	**Y-SVJCR062-IN**	1	●		3/8		3/8		4.724	120	0.0	0.0	.787	20	–		–	LRIS-2.5×7	CLR-15S
	Y-SVJCR082-IN	1	●		1/2		1/2		4.724	120	0.0	0.0	.787	20	–		–	LRIS-2.5×7	CLR-15S
	Y-SVJCR102-IN	1	●		5/8		5/8		4.724	120	0.0	0.0	.984	25	–		–	LRIS-2.5×7	CLR-15S
VC..22..	**Y-SVJCR082HS-IN-OH** 💧	3	■		1/2		1/2		3.937	100	0.0	0.0	.787	20	2.953	75	NPT1/8	LRIS-2.5×7	CLR-15S
	Y-SVJCR082HS-IN-OH2 💧	2	●		1/2		1/2		3.937	100	0.0	0.0	.787	20	2.756	70	NPT1/8	LRIS-2.5×7	CLR-15S
	Y-SVJCR102H-IN-OH 💧	3	●		5/8		5/8		3.937	100	0.0	0.0	.984	25	2.953	75	NPT1/8	LRIS-2.5×7	CLR-15S
VC..22..	**Y-SVJCR1212H11S-OH** 💧	3	□		.472	12	.472	12	3.937	100	0.0	0.0	.787	20	2.953	75	RC1/8(PT1/8)	LRIS-2.5×7	CLR-15S
	Y-SVJCR1212H11S-OH2 💧	2	●		.472	12	.472	12	3.937	100	0.0	0.0	.787	20	2.756	70	RC1/8(PT1/8)	LRIS-2.5×7	CLR-15S
	Y-SVJCR1616H11S-OH 💧	3	○		.630	16	.630	16	3.937	100	0.0	0.0	.787	20	2.953	75	RC1/8(PT1/8)	LRIS-2.5×7	CLR-15S

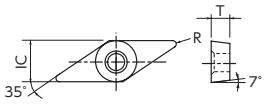
VC.. Series - Toolholders Ⅲ

Gage Insert	Item Number	Figure	Stock R	Stock L	ϕd (Inch)	ϕd (mm)	h (Inch)	h (mm)	b (Inch)	b (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	Clamp Screw	Wrench
VC..22..	**DS-SVX⅝14F-11**	4		○	.551	14.000	.512	13	.512	13	3.150	80	.394	10.0	LRIS-2.5 × 7	CLR-15S
	DS-SVX⅝15H-11	4		○	5/8	15.875	.591	15	.591	15	3.937	100	.394	10.0	LRIS-2.5 × 7	CLR-15S
	DS-SVX⅝16F-11	4		●	.630	16.000	.591	15	.591	15	3.150	80	.394	10.0	LRIS-2.5 × 7	CLR-15S
	DS-SVX⅝19-11	4		●	3/4	19.050	.709	18	.709	18	4.724	120	.394	10.0	LRIS-2.5 × 7	CLR-15S
	DS-SVX⅝19-11SPL	4		○	3/4	19.050	.709	18	.709	18	6.299	160	.433	11.0	LRIS-2.5 × 7	CLR-15S
	DS-SVX⅝20X-11	4		○	.787	20.000	.748	19	.748	19	3.740	95	.394	10.0	LRIS-2.5 × 7	CLR-15S
	DS-SVX⅝20-11	4		●	.787	20.000	.748	19	.748	19	4.724	120	.394	10.0	LRIS-2.5 × 7	CLR-15S
	DS-SVX⅝22-11	4		●	.866	22.000	.827	21	.827	21	4.724	120	.394	10.0	LRIS-2.5 × 7	CLR-15S
	DS-SVX⅝25-11MET	4		○	.984	25.000	.945	24	.945	24	5.906	150	.394	10.0	LRIS-2.5 × 7	CLR-15S
	DS-SVX⅝25-11	4		●	1	25.400	.945	24	.945	24	5.906	150	.394	10.0	LRIS-2.5 × 7	CLR-15S

VC.. Inserts - Carbide

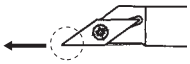
(inch)	IC	T
VC..22	1/4	1/8

● : 1st Choice ● : 2nd choice



		ST4	DM4	DT4	QM3	TM4	VM1	ZM3	KM1	CP1	UC1
Steel	P	●	●	●	●	●	●	●	●		
Stainless Steel	M	●	●	●	●	●	●	●	●		
Cast Iron	K									●	
Non-Ferrous Material	N					●	●	●	●		●
Heat Resistant Alloy	S	●	●	●	●	●					
Hardened Material	H	●	●	●	●						

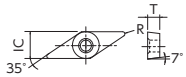
Shape	Item Number	ISO Item Number	IC	R	ST4	DM4	DT4	QM3	TM4	VM1	ZM3	KM1	CP1	UC1
					Carbide									
					PVD Coated								CVD	Diamond Coating
	VCGT 2204M YL	VCGT 110301M YL	1/4	.003	●	●	○	●	○					
	VCGT 2208M YL	VCGT 110302M YL	1/4	.007	●	●	○	●	○					
	VCGT 221M YL	VCGT 110304M YL	1/4	.015	●	●	○	●	○					
	VCGT 2204M CL	VCGT 110301M CL	1/4	.003	○	○	●	○	●					
	VCGT 2208M CL	VCGT 110302M CL	1/4	.007	○	○	●	○	●					
	VCGT 2201 FNAM3	VCGT 110300 FNAM3	1/4	.001			●	●	○	●	■			
	VCGT 2204M FNAM3	VCGT 110301M FNAM3	1/4	.003	○		●	●	○	○				
	VCGT 2204 FNAM3	VCGT 110301 FNAM3	1/4	.004						●	○			
	VCGT 2208M FNAM3	VCGT 110302M FNAM3	1/4	.007	○		●	●	○	○				
	VCGT 2208 FNAM3	VCGT 110302 FNAM3	1/4	.008						●	○			
	VCGT 221M FNAM3	VCGT 110304M FNAM3	1/4	.015	○		●	●	○	○				
	VCMT 2208 FNAM3	VCGT 110302 FNAM3	1/4	.008		○								
	VCMT 221 FNAM3	VCGT 110304 FNAM3	1/4	.016		○								
	VCGT 2201 AZ7	VCGT 110300 AZ7	1/4	.001				●			○			
	VCGT 2204M AZ7	VCGT 110301M AZ7	1/4	.003				●			○			
	VCGT 2208M AZ7	VCGT 110302M AZ7	1/4	.007				●			○			
	VCGT 221M AZ7	VCGT 110304M AZ7	1/4	.015				●			○			
wiper insert	VCGT 2202 R/L S-WP*	TFV 11F R/L 05SX	1/4	.002						R	Ⓡ			
	VCGT 2204 R/L S-WP*	TFV 11F R/L 10SX	1/4	.004						R	Ⓡ			
	VCGT 2201 R/L U	VCGT 110300 R/L U	1/4	.001						Ⓡ	Ⓡ			
	VCGT 2204M R/L U	VCGT 110301M R/L U	1/4	.003			Ⓡ							
	VCGT 2204 R/L U	VCGT 110301 R/L U	1/4	.004						Ⓡ	Ⓡ			
	VCGT 2208M R/L U	VCGT 110302M R/L U	1/4	.007			Ⓡ							
	VCGT 2208 R/L U	VCGT 110302 R/L U	1/4	.008						Ⓡ	Ⓡ			
wiper insert	VCGT 2202 R/L U-WP*	TFV 11F R/L 05U	1/4	.002						Ⓡ	Ⓡ			
	VCGT 2204 R/L U-WP*	TFV 11F R/L 10U	1/4	.004						Ⓡ	Ⓡ			
	VCGW 2201 H Ⓜ	VCGW 110300 H	1/4	.001								●		
	VCGW 2204 H Ⓜ	VCGW 110301 H	1/4	.004								●		
	VCGW 2208 H Ⓜ	VCGW 110302 H	1/4	.008								●		



Cutting condition ➡Q4 Chipbreaker ➡P20

*Note: NTK WP style inserts have a wiper facet design.
The insert has a 0.2mm (.008") flat on the cutting edge when the insert is set into the toolholder.
The flat on the cutting edge ensures a superior surface finish when feed rates are increased.
WP style inserts can be used in toolholders: SVAC

● : 1st Choice ● : 2nd choice



		BIDEMICS Coated JP2	Solid CBN B99	CBN (Brazed) Coated B5K	B52	Coated B6K	B36	B40	B23	B30	PCD PD1	PD2	Diamond Coating UC1
Steel	P												
Stainless Steel	M												
Cast Iron	K		●	●	●				●	●			
Non-Ferrous Material	N										●	●	●
Heat Resistant Alloy	S	●											
Hardened Material	H		●	●	●	●	●	●					

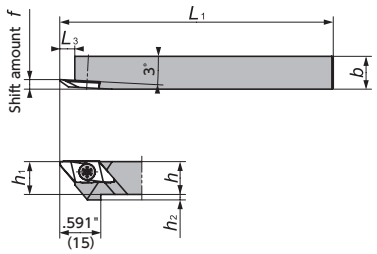
Shape	Item Number	ISO Item Number	Edge Prep.	IC	R	No. of edge	Length of edge	JP2	B99	B5K	B52	B6K	B36	B40	B23	B30	PD1	PD2	UC1
	VCGW 2208 PD S0415	VCGW 110302 PD S01015	S0415	1/4	.008	2	.102				○			○					
	VCGW 2208 PD S0635	VCGW 110302 PD S01535	S0635	1/4	.008	2	.102				○			○					
	VCGW 221 PD S0415	VCGW 110304 PD S01015	S0415	1/4	.016	2	.098				○			○					
	VCGW 221 PD S0635	VCGW 110304 PD S01535	S0635	1/4	.016	2	.098				○			○					
	VCGW 222 PD S0415	VCGW 110308 PD S01015	S0415	1/4	.031	2	.098				○			○					
	VCGW 222 PD S0635	VCGW 110308 PD S01535	S0635	1/4	.031	2	.098				○			○					
	VCGW 223 PD S0415	VCGW 110312 PD S01015	S0415	1/4	.047	2	.106				○			○					
	VCGW 223 PD S0635	VCGW 110312 PD S01535	S0635	1/4	.047	2	.106				○			○					
	VCMW 2204	VCMW 110301	None	1/4	.004	1	—										○		
	VCMW 2208	VCMW 110302	None	1/4	.008	1	—										○		
	VCMW 221	VCMW 110304	None	1/4	.016	1	—										○		

● : Stock
● : Stock (Newly added)
■ □ R L : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
ⓇⓁ : 1-2 week delivery (Right / Left-hand only)
ⓇⓁ : 1-2 week delivery (Right / Left-hand only, Newly added)

TBP Series

TBP

Screw accessible from both sides



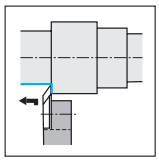
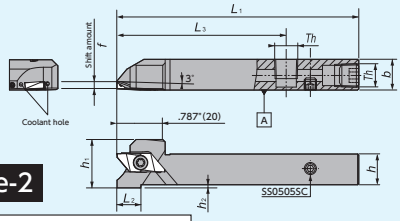


Figure-1

Right-Hand style shown

TBP-OH2 (Coolant through)

Screw accessible from both sides



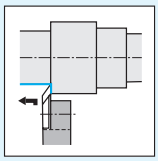


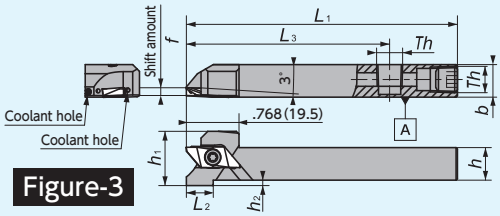
Figure-2

Th (Thread type)
3/8" holder : M6×1
1/2", 5/8" holder : NPT1/8
Metric size holder : Rc1/8 (PT1/8)

Right-Hand style shown

TBP-OH (Coolant through)

Screw accessible from both sides



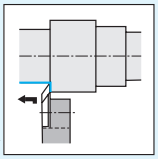


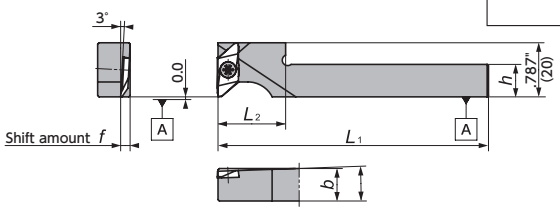
Figure-3

Th (Thread type)
3/8" holder : M6×1
1/2", 5/8" holder : NPT1/8
Metric size holder : Rc1/8 (PT1/8)

Right-Hand style shown

Y-TBP

Screw accessible from both sides



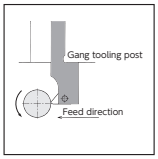
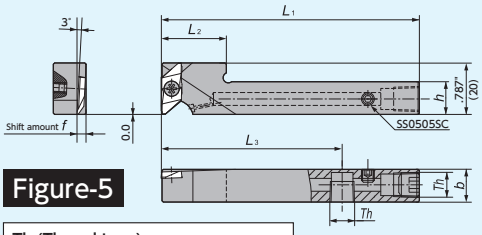


Figure-4

Right-Hand style shown
Takes Right-hand Insert

Y-TBP-OH2 (Coolant through)

Screw accessible from both sides



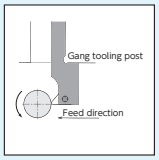


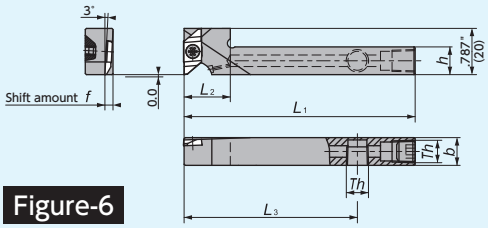
Figure-5

Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: M6, Rc1/8 (PT1/8)

Right-Hand style shown
Takes Right-hand Insert

Y-TBP-OH (Coolant through)

Screw accessible from both sides



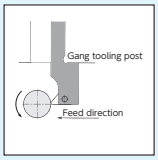
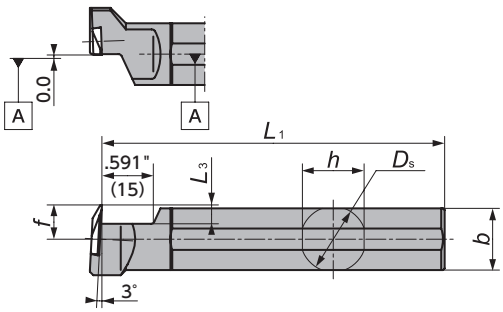


Figure-6

Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: M6, Rc1/8 (PT1/8)

Right-Hand style shown
Takes Right-hand Insert

DS-TBP



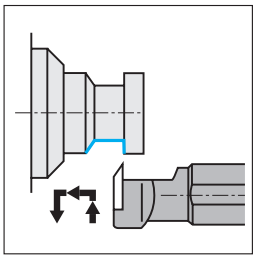


Figure-7

Left-Hand style shown
Takes Right-hand Insert

Cutting condition ➡R3

TBP Series - Toolholders

TBP

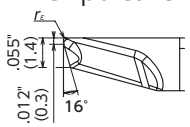
Gage Insert	Item Number	Figure	Stock R	Stock L	h (Inch)	h (mm)	b (Inch)	b (mm)	h_1 (Inch)	h_1 (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	h_2 (Inch)	h_2 (mm)	L_3 (Inch)	L_3 (mm)	Th	Clamp Screw	Wrench
TBP..	TBP R/L 06-IN	1	●		3/8		3/8		3/8		4.724	120	.138	3.5	—	—	.079	2	.217	5.5	—	LR1S-4 × 10PW	CLR-15S
	TBP R/L 08-IN	1	●		1/2		1/2		1/2		4.724	120	.138	3.5	—	—	0	0	.217	5.5	—	LR1S-4 × 12PW	CLR-15S
	TBP R/L 10-IN	1	●		5/8		5/8		5/8		4.724	120	.138	3.5	—	—	0	0	.217	5.5	—	LR1S-4 × 12PW	CLR-15S
	TBP R/L 08	1	○	○	.315	8	.394	10	.315	8	4.724	120	.138	3.5	—	—	.157	4	.217	5.5	—	LR1S-4 × 10PW	CLR-15S
	TBP R/L 10H	1	○		.394	10	.394	10	.394	10	3.937	100	.138	3.5	—	—	.394	2	.217	5.5	—	LR1S-4 × 10PW	CLR-15S
	TBP R/L 10	1	○	○	.394	10	.394	10	.394	10	4.724	120	.138	3.5	—	—	.394	2	.217	5.5	—	LR1S-4 × 10PW	CLR-15S
	TBP R/L 12GX	1	○		.472	12	.472	12	.472	12	3.346	85	.138	3.5	—	—	0	0	.217	5.5	—	LR1S-4 × 12PW	CLR-15S
	TBP R/L 12	1	●	○	.472	12	.472	12	.472	12	4.724	120	.138	3.5	—	—	0	0	.217	5.5	—	LR1S-4 × 12PW	CLR-15S
	TBP R/L 13	1	○		.512	13	.512	13	.512	13	4.724	120	.138	3.5	—	—	0	0	.217	5.5	—	LR1S-4 × 12PW	CLR-15S
	TBP R/L 16H	1	○		.630	16	.630	16	.630	16	3.937	100	.138	3.5	—	—	0	0	.217	5.5	—	LR1S-4 × 12PW	CLR-15S
	TBP R/L 16	1	○	○	.630	16	.630	16	.630	16	4.724	120	.138	3.5	—	—	0	0	.217	5.5	—	LR1S-4 × 12PW	CLR-15S
	TBP R/L 06H-IN-OH 💧	3	●		3/8		.472	12	3/8		3.937	100	.138	3.5	.748	19	.176	4.475	2.953	75	M6 × 1	LR1S-4 × 10PW	CLR-15S
	TBP R/L 08H-IN-OH 💧	3	■		1/2		1/2		1/2		3.937	100	.138	3.5	.394	10	.051	1.3	2.953	75	NPT1/8	LR1S-4 × 12PW	CLR-15S
	TBP R/L 08H-IN-OH2 💧	2	●		1/2		1/2		1/2		3.937	100	.138	3.5	.394	10	.051	1.3	2.756	70	NPT1/8	LR1S-4 × 12PW	CLR-15S
	TBP R/L 10H-IN-OH 💧	3	●		5/8		5/8		5/8		3.937	100	.138	3.5	0	0	0	0	2.953	75	NPT1/8	LR1S-4 × 12PW	CLR-15S
	TBP R/L 10X-IN-OH2 💧	2	●		5/8		5/8		5/8		4.724	120	.138	3.5	0	0	0	0	2.953	75	NPT1/8	LR1S-4 × 12PW	CLR-15S
	TBP R/L 1012H-OH 💧	3	○		.394	10	.472	12	.394	10	3.937	100	.138	3.5	.748	19	.176	4.475	2.953	75	M6 × 1	LR1S-4 × 10PW	CLR-15S
	TBP R/L 12H-OH 💧	3	■		.472	12	.472	12	.472	12	3.937	100	.138	3.5	.394	10	.051	1.3	2.953	75	Rc1/8(PT1/8)	LR1S-4 × 12PW	CLR-15S
	TBP R/L 12H-OH2 💧	2	●		.472	12	.472	12	.472	12	3.937	100	.138	3.5	.394	10	.051	1.3	2.756	70	Rc1/8(PT1/8)	LR1S-4 × 12PW	CLR-15S
	TBP R/L 16H-OH 💧	3	○		.630	16	.630	16	.630	16	3.937	100	.138	3.5	0	0	0	0	2.953	75	Rc1/8(PT1/8)	LR1S-4 × 12PW	CLR-15S
	TBP R/L 16X-OH2 💧	2	●		.630	16	.630	16	.630	16	4.724	120	.138	3.5	0	0	0	0	2.953	75	Rc1/8(PT1/8)	LR1S-4 × 12PW	CLR-15S
	Y-TBP R/L 06-IN	4	●		3/8		3/8		—	—	2.756	70	.138	3.5	.984	25	—	—	—	—	—	LR1S-4 × 10PW	CLR-15S
	Y-TBP R/L 08-IN	4	●		1/2		1/2		—	—	2.756	70	.138	3.5	.984	25	—	—	—	—	—	LR1S-4 × 12PW	CLR-15S
	Y-TBP R/L 10-IN	4	●		5/8		5/8		—	—	2.756	70	.138	3.5	.984	25	—	—	—	—	—	LR1S-4 × 12PW	CLR-15S
	Y-TBP R/L 10MS	4	○		.394	10	.394	10	—	—	4.724	120	.138	3.5	.866	22	—	—	—	—	—	LR1S-4 × 10PW	CLR-15S
	Y-TBP R/L 10S	4	○		.394	10	.394	10	—	—	4.724	120	.138	3.5	.787	20	—	—	—	—	—	LR1S-4 × 10PW	CLR-15S
	Y-TBP R/L 12MS	4	○		.472	12	.472	12	—	—	4.724	120	.138	3.5	.866	22	—	—	—	—	—	LR1S-4 × 12PW	CLR-15S
	Y-TBP R/L 12S	4	○		.472	12	.472	12	—	—	4.724	120	.138	3.5	.787	20	—	—	—	—	—	LR1S-4 × 12PW	CLR-15S
	Y-TBP R/L 08H-IN-OH 💧	6	■		1/2		1/2		—	—	3.937	100	.138	3.5	.984	25	—	—	2.953	75	NPT1/8	LR1S-4 × 12PW	CLR-15S
	Y-TBP R/L 08H-IN-OH2 💧	5	●		1/2		1/2		—	—	3.937	100	.138	3.5	.984	25	—	—	2.756	70	NPT1/8	LR1S-4 × 12PW	CLR-15S
	Y-TBP R/L 12HS-OH 💧	6	■		.472	12	.472	12	—	—	3.937	100	.138	3.5	.787	20	—	—	2.953	75	Rc1/8(PT1/8)	LR1S-4 × 12PW	CLR-15S
	Y-TBP R/L 12HS-OH2 💧	5	●		.472	12	.472	12	—	—	3.937	100	.138	3.5	.787	20	—	—	2.756	70	Rc1/8(PT1/8)	LR1S-4 × 12PW	CLR-15S
	Y-TBP R/L 16H-OH 💧	6	○		.630	16	.630	16	—	—	3.937	100	.138	3.5	.984	25	—	—	2.953	75	Rc1/8(PT1/8)	LR1S-4 × 12PW	CLR-15S

DS-TBP (Takes right-hand inserts)

Gage Insert	Item Number	Figure	Stock R	Stock L	D_s (Inch)	D_s (mm)	h (Inch)	h (mm)	b (Inch)	b (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_3 (Inch)	L_3 (mm)	Clamp Screw	Wrench
TBP..FR..	DS-TBP R/L 19	7		○	3/4	19.050	.709	18	.709	18	4.724	120	.394	10.0	.217	5.5	LR1S-4 × 10	LLR-25S-20×65
	DS-TBP R/L 20	7		○	.787	20.000	.748	19	.748	19	4.724	120	.394	10.0	.217	5.5	LR1S-4 × 10	LLR-25S-20×65
	DS-TBP R/L 25	7		○	1.00	25.400	.945	24	.945	24	5.906	150	.394	10.0	.217	5.5	LR1S-4 × 10	LLR-25S-20×65

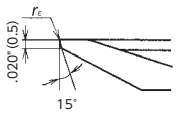
TBP Series - Inserts

with BM-Chipbreaker



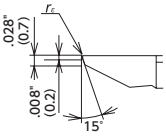
Right-Hand style shown

with Chipbreaker

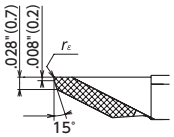


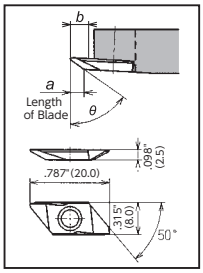
without Chipbreaker

Mirror finish



〈PD1〉 PCD tipped





TBP - Back Turning

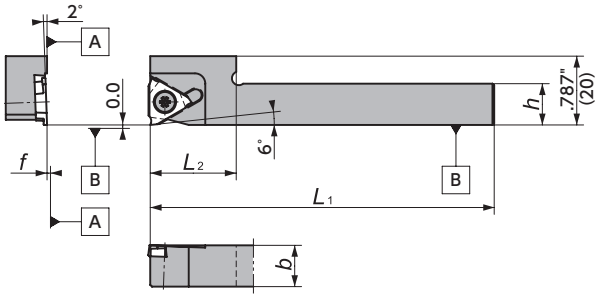
Item Number	Chip-breaker	Length of Blade a (Inch)	Length of Blade a (mm)	Max Depth of Cut b (Inch)	Max Depth of Cut b (mm)	θ	r_ε (Inch)	r_ε (mm)	Wiper Length α (Inch)	Wiper Length α (mm)	Coated Carbide ST4 R	ST4 L	DM4 R	DM4 L	DT4 R	DT4 L	QM3 R	QM3 L	TM4 R	TM4 L	VM1 R	VM1 L	ZM3 R	ZM3 L	Carbide KM1 R	KM1 L	PCD PD1 R	PD1 L
TBP 72F R/L 05-BM	Yes-BM	.138	3.5	.209	5.3	72°	.002	0.05	.012	0.3	●		●						○									
TBP 72F R/L 10M-BM	Yes-BM	.138	3.5	.209	5.3	72°	.003	0.08	.012	0.3	●		●						○									
TBP 72F R/L 20M-BM	Yes-BM	.138	3.5	.209	5.3	72°	.007	0.18	.012	0.3	●		●						○									
TBP 55F R/L 00	Yes	.118	3.0	.209	5.3	55°	0.00	0.00	.020	0.5											○		●	○				
TBP 55F R/L 10	Yes	.118	3.0	.209	5.3	55°	.004	0.10	.020	0.5											○		●	○				
TBP 60F R/L 00	Yes	.146	3.7	.209	5.3	60°	0.00	0.00	.020	0.5					●		●		○		○		●	○				
TBP 60F R/L 05	Yes	.146	3.7	.209	5.3	60°	.002	0.05	.020	0.5																		
TBP 60F R/L 10	Yes	.146	3.7	.209	5.3	60°	.004	0.10	.020	0.5							●		○		●		●	○				
TBP 60F R/L 10M	Yes	.146	3.7	.209	5.3	60°	.003	0.08	.020	0.5					●		●				○							
TBP 60F R/L 20	Yes	.146	3.7	.209	5.3	60°	.008	0.20	.020	0.5									○									
TBP 60F R/L V Ⓜ	No	.189	4.8	.209	5.3	60°	0.00	0.00	.008	0.2											○	○	○		●			
TBP 60F R/L V00-P	No	.157	4.0	.209	5.3	60°	0.00	0.00	.008	0.2																	○	
TBP 60F R/L V05 Ⓜ	No	.189	4.8	.209	5.3	60°	.002	0.05	.008	0.2											○				●			
TBP 60F R/L V10 Ⓜ	No	.189	4.8	.209	5.3	60°	.004	0.10	.008	0.2											○		○		●			
TBP 60F R/L V10-P	No	.157	4.0	.209	5.3	60°	.004	0.10	.008	0.2																	○	

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

● : Stock
● : Stock (Newly added)
■ □ R L : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
R L : 1-2 week delivery (Right / Left-hand only)
R L : 1-2 week delivery (Right / Left-hand only, Newly added)

Y-GTT

Screw accessible from both sides



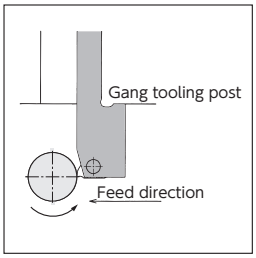
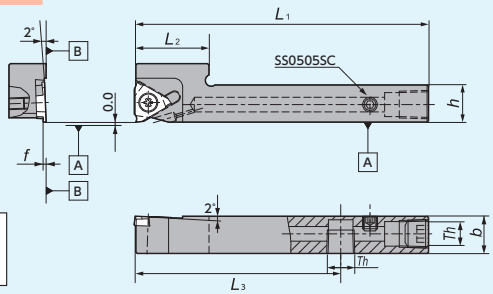


Figure-5

Right-Hand style shown
Takes Right-hand Insert

Y-GTT-OH2 (Coolant through)

Screw accessible from both sides



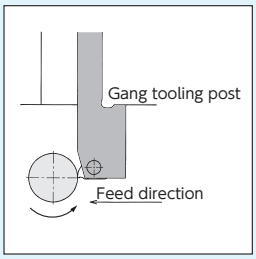


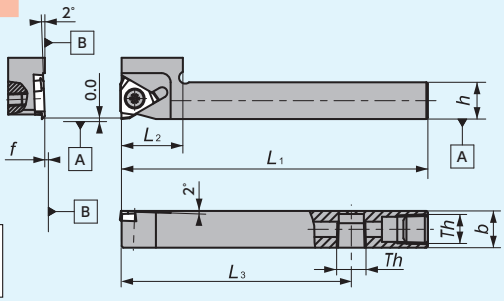
Figure-6

Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: Rc1/8 (PT1/8)

Right-Hand style shown
Takes Right-hand Insert

Y-GTT-OH (Coolant through)

Screw accessible from both sides



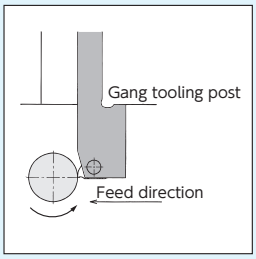


Figure-7

Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: Rc1/8 (PT1/8)

Right-Hand style shown
Takes Right-hand Insert

GTT

Gage Insert	Item Number	Figure	Stock R	Stock L	h (Inch)	h (mm)	b (Inch)	b (mm)	h_1 (Inch)	h_1 (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	a_r (Inch)	a_r (mm)	L_3 (Inch)	L_3 (mm)	Th	Clamp Screw	Wrench
TBMH32..	Y-GTTR 06-IN	5	●		3/8		3/8		–	–	4.724	120	.000	0	.984	25.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTTR R/L 08-IN	5	●		1/2		1/2		–	–	4.724	120	.000	0	.984	25.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTTR R/L 10-IN	5	●		5/8		5/8		–	–	4.724	120	.000	0	.984	25.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT R/L 10MS	7	○		.394	10	.394	10	–	–	4.724	120	.000	0	.866	22.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT R/L 10S	5	○		.394	10	.394	10	–	–	4.724	120	.000	0	.787	20.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT R/L 12MS	7	○		.472	12	.472	12	–	–	4.724	120	.000	0	.866	22.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT R/L 12S	5	○		.472	12	.472	12	–	–	4.724	120	.000	0	.787	20.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT R/L 08H-IN-OH 💧	7	■		1/2		1/2		–	–	3.937	100	.000	0	.984	25.0	.063	1.6	2.756	70	NPT1/8	LR-S-4×10PW	CLR-15S
	Y-GTT R/L 08H-IN-OH2 💧	6	●		1/2		1/2		–	–	3.937	100	.000	0	.984	25.0	.063	1.6	2.953	75	NPT1/8	LR-S-4×10PW	CLR-15S
	Y-GTT R/L 12H00S-OH 💧	7	■		.472	12	.472	12	–	–	3.937	100	.000	0	.787	20.0	.063	1.6	2.756	70	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	Y-GTT R/L 12H00S-OH2 💧	6	●		.472	12	.472	12	–	–	3.937	100	.000	0	.787	20.0	.063	1.6	2.953	75	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	Y-GTT R/L 16H00-OH 💧	7	○		.630	16	.472	16	–	–	3.937	100	.000	0	.984	25.0	.063	1.6	2.953	75	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S

Cutting condition ➡R3

● : Stock
● : Stock (Newly added)
■ □R L : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
R L : 1-2 week delivery (Right / Left-hand only)
R L : 1-2 week delivery (Right / Left-hand only, Newly added)

DS-GTT

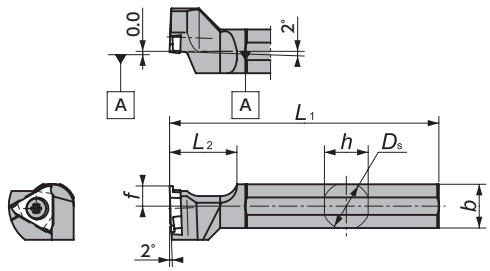
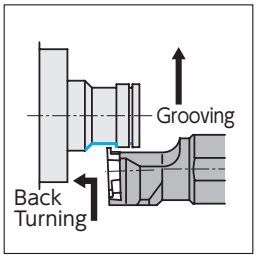


Figure-8



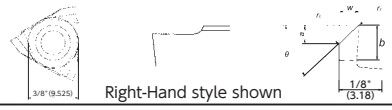
Left-Hand style shown
Takes Right-hand Insert

DS-GTT

Gage Insert	Item Number	Figure	Stock R	Stock L	D_s (Inch)	D_s (mm)	h (Inch)	h (mm)	b (Inch)	b (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	Clamp Screw	Wrench
TBMH32..	DS-GTTR/L14F	8		○	.551	14.000	.512	13	.512	13	3.150	80	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTTR/L15H	8		○	5/8	15.875	.591	15	.591	15	3.937	100	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTTR/L16X	8		●	.630	16.000	.591	15	.591	15	3.740	95	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTTR/L19	8		●	3/4	19.050	.709	18	.709	18	4.724	120	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTTR/L20	8		●	.787	20.000	.748	19	.748	19	4.724	120	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTTR/L22	8		●	.866	22.000	.827	21	.827	21	4.724	120	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTTR/L25-MET	8		○	.984	25.000	.945	24	.945	24	4.724	120	.394	10	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTTR/L25	8		●	1	25.400	.945	24	.945	24	5.906	150	.394	10	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTTR/L32	8		○	.984	25.000	.945	24	.945	24	5.906	150	.394	10	.787	20	LR-S-4 × 9	RLR-20S

GTT Series - Inserts

TBMH32

Shape	Item Number	Chip-breaker	Length of Blade a (Inch)	Length of Blade a (mm)	Max Depth of Cut b (Inch)	Max Depth of Cut b (mm)	w (Inch)	w (mm)	θ	r_ε (Inch)	r_ε (mm)	Coated Carbide ZM3 R	Coated Carbide ZM3 L
 Right-Hand style shown	TBMH32100R/L05-22	Yes	.012	0.3	.071	1.8	.039	1.0	22°	.002	0.05	●	
	TBMH32100R/L05-45	Yes	.035	0.9	.071	1.8	.039	1.0	45°	.002	0.05	●	
	TBMH32150R/L05-22	Yes	.020	0.5	.106	2.7	.059	1.5	22°	.002	0.05	●	
	TBMH32150R/L05-45	Yes	.051	1.3	.102	2.6	.059	1.5	45°	.002	0.05	●	

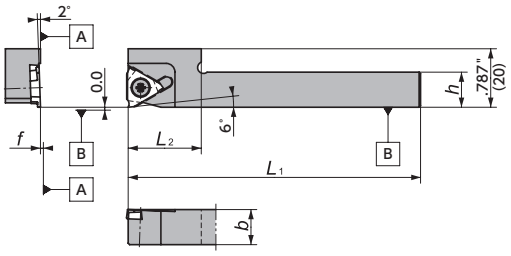
Note: All angles shown are obtained when insert is set in the holder

Cutting condition ➜R3

● : Stock
● : Stock (Newly added)
■□RL : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
ⓇⓁ : 1-2 week delivery (Right / Left-hand only)
ⓇⓁ : 1-2 week delivery (Right / Left-hand only, Newly added)

Y-GTT

Screw accessible from both sides



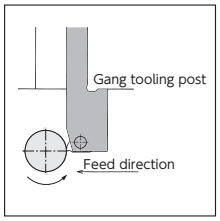
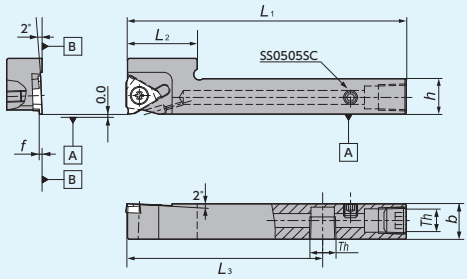


Figure-5

Right-Hand style shown
Takes Right-hand Insert

Y-GTT-OH2 (Coolant through)

Screw accessible from both sides



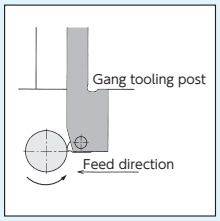


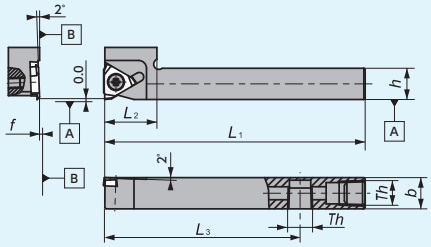
Figure-6

Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: Rc1/8 (PT1/8)

Right-Hand style shown
Takes Right-hand Insert

Y-GTT-OH (Coolant through)

Screw accessible from both sides



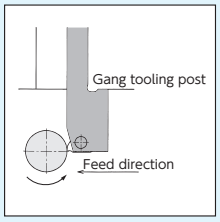


Figure-7

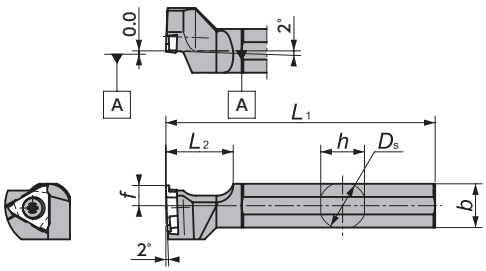
Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: Rc1/8 (PT1/8)

Right-Hand style shown
Takes Right-hand Insert

GTT

Gage Insert	Item Number	Figure	Stock R	Stock L	Groove Width W (Inch)	Groove Width W (mm)	h (Inch)	h (mm)	b (Inch)	b (mm)	h_1 (Inch)	h_1 (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	a_r (Inch)	a_r (mm)	L_3 (Inch)	L_3 (mm)	Th	Clamp Screw	Wrench
GTM..32 TMG32	Y-GTTR 06-IN	5	●		.012-.125	0.30-3.17	3/8		3/8		–	–	4.724	120	.000	0	.984	25.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTTR 1/2 08-IN	5	●		.012-.125	0.30-3.17	1/2		1/2		–	–	4.724	120	.000	0	.984	25.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTTR 5/8 10-IN	5	●		.012-.125	0.30-3.17	5/8		5/8		–	–	4.724	120	.000	0	.984	25.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT 3/8 10MS	7	○		.012-.125	0.30-3.17	.394	10	.394	10	–	–	4.724	120	.000	0	.866	22.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT 3/8 10S	5	○		.012-.125	0.30-3.17	.394	10	.394	10	–	–	4.724	120	.000	0	.787	20.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT 3/8 12MS	7	○		.012-.125	0.30-3.17	.472	12	.472	12	–	–	4.724	120	.000	0	.866	22.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT 3/8 12S	5	○		.012-.125	0.30-3.17	.472	12	.472	12	–	–	4.724	120	.000	0	.787	20.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT 3/8 08H-IN-OH 💧	7	■		.012-.125	0.30-3.17	1/2		1/2		–	–	3.937	100	.000	0	.984	25.0	.063	1.6	2.756	70	NPT1/8	LR-S-4×10PW	CLR-15S
	Y-GTT 3/8 08H-IN-OH2 💧	6	●		.012-.125	0.30-3.17	1/2		1/2		–	–	3.937	100	.000	0	.984	25.0	.063	1.6	2.953	75	NPT1/8	LR-S-4×10PW	CLR-15S
	Y-GTT 3/8 12H00S-OH 💧	7	■		.012-.125	0.30-3.17	.472	12	.472	12	–	–	3.937	100	.000	0	.787	20.0	.063	1.6	2.756	70	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	Y-GTT 3/8 12H00S-OH2 💧	6	●		.012-.125	0.30-3.17	.472	12	.472	12	–	–	3.937	100	.000	0	.787	20.0	.063	1.6	2.953	75	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	Y-GTT 3/8 16H00-OH 💧	7	○		.012-.125	0.30-3.17	.630	16	.472	16	–	–	3.937	100	.000	0	.984	25.0	.063	1.6	2.953	75	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S

DS-GTT



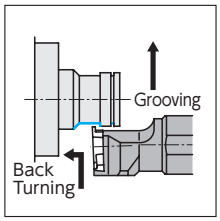


Figure-8

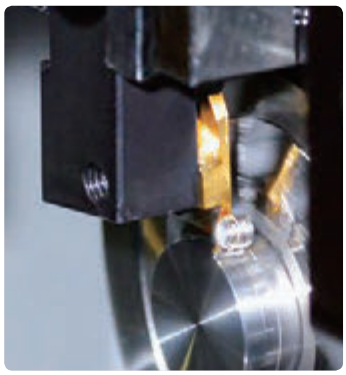
Left-Hand style shown
Takes Right-hand Insert

DS-GTT

Gage Insert	Item Number	Figure	Stock R	Stock L	D_s (Inch)	D_s (mm)	h (Inch)	h (mm)	b (Inch)	b (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	Clamp Screw	Wrench
GTM..32 TMG32	DS-GTT 7/8 14F	8		○	.551	14.000	.512	13	.512	13	3.150	80	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT 7/8 15H	8		○	5/8	15.875	.591	15	.591	15	3.937	100	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT 7/8 16X	8		●	.630	16.000	.591	15	.591	15	3.740	95	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT 7/8 19	8		●	3/4	19.050	.709	18	.709	18	4.724	120	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT 7/8 20	8		●	.787	20.000	.748	19	.748	19	4.724	120	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT 7/8 22	8		●	.866	22.000	.827	21	.827	21	4.724	120	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT 7/8 25-MET	8		○	.984	25.000	.945	24	.945	24	4.724	120	.394	10	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT 7/8 25	8		●	1	25.400	.945	24	.945	24	5.906	150	.394	10	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT 7/8 32	8		○	.984	25.000	.945	24	.945	24	5.906	150	.394	10	.787	20	LR-S-4 × 9	RLR-20S

● : Stock
● : Stock (Newly added)
■ □ R L : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
RⓁ : 1-2 week delivery (Right / Left-hand only)
RⓁ : 1-2 week delivery (Right / Left-hand only, Newly added)

GTMH-GX Chipbreaker for Grooving / Side Turning



Groove width .059"～

Groove width ～.039"

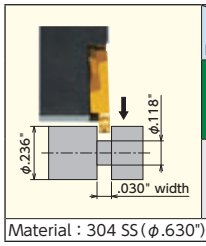
WATCH ON YouTube

Features

- Can solve the problem of chips remaining in the grooves and bird's nest of chips
- Good surface finishes on groove side faces
- UP to .078" DOC side turning capability

Excellent Chip Control

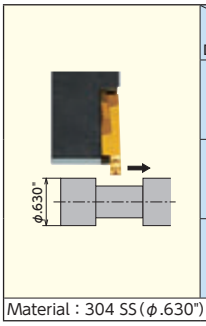
● Grooving

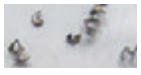


DOC \ Feed rate (IPR)	.0004"	.0011"	.0020"
GX chipbreaker			
Competiton's chipbreaker			

Material : 304 SS(ϕ.630"), 260 SFM, .059", DOC

● Side Turning



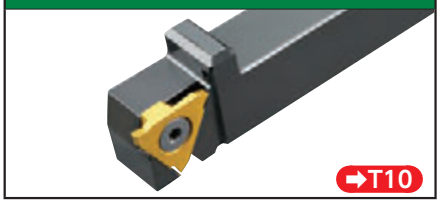
DOC \ Feed rate (IPR)	.0004"	.0011"	.0020"	.0031"
.010"				
.020"				
.030"				

Material : 304 SS(ϕ.630"), 260 SFM, .030" width insert

Best Solution for Chip Control

Coolant through toolholders now available

GTT-OH2/OH



➡T10

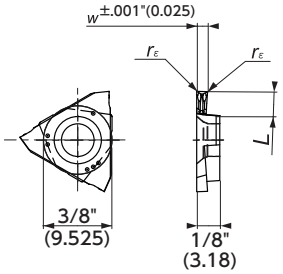
Y-GTT-OH2/OH

➡T10

GTMH32.. Inserts - Carbide

■GTMH32-GX

Side Turning Capable

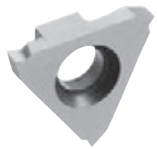


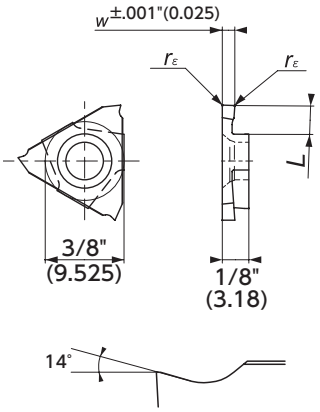
Right-Hand style shown

Shape	Item Number	Groove Width W (Inch)	Groove Width W (mm)	Max Depth of Cut Grooving (Inch)	Max Depth of Cut Grooving (mm)	Max Depth of Cut Side turning (Inch)	Max Depth of Cut Side turning (mm)	L (Inch)	L (mm)	rε (Inch)	rε (mm)	Coated Carbide ST4 R	ST4 L	DM4 R	DM4 L	TM4 R	TM4 L
Side Turning Capable	GTMH32033RGX	.013	0.33	.024	0.6	–	–	.010	0.25	.002	0.05	●					
	GTMH32043RGX	.017	0.43	.047	1.2	–	–	.035	0.90	.002	0.05	●					
	GTMH32050RGX	.020	0.50	.047	1.2	–	–	.035	0.90	.002	0.05	●					
	GTMH32053RGX	.021	0.53	.047	1.2	–	–	.035	0.90	.002	0.05	●					
	GTMH32075RGX	.030	0.75	.063	1.6	.030	0.75	.079	2.00	.002	0.05	●		●		○	
	GTMH32095RGX	.037	0.95	.063	1.6	.059	1.50	.079	2.00	.002	0.05	●		●		○	
	GTMH32100RGX	.039	1.00	.063	1.6	.059	1.50	.079	2.00	.002	0.05	●		●		○	
	GTMH32100RGX01	.039	1.00	.063	1.6	.059	1.50	.079	2.00	.004	0.1	●		●		○	
	GTMH32150RGX	.059	1.50	.106	2.7	.079	2.00	.118	3.00	.002	0.05	●		●		○	
	GTMH32150RGX01	.059	1.50	.106	2.7	.079	2.00	.118	3.00	.004	0.1	●		●		○	
	GTMH32150RGX02	.059	1.50	.106	2.7	.079	2.00	.118	3.00	.008	0.2	●		●		○	
	GTMH32200RGX	.079	2.00	.106	2.7	.079	2.00	.118	3.00	.002	0.05	●		●		○	
	GTMH32200RGX01	.079	2.00	.106	2.7	.079	2.00	.118	3.00	.004	0.1	●		●		○	
	GTMH32200RGX02	.079	2.00	.106	2.7	.079	2.00	.118	3.00	.008	0.2	●		●		○	
	GTMH32300RGX	.118	3.00	.106	2.7	.079	2.00	.118	3.00	.002	0.05	●		●		○	
	GTMH32300RGX02	.118	3.00	.106	2.7	.079	2.00	.118	3.00	.008	0.2	●		●		○	

GTMX32

Side Turning Capable



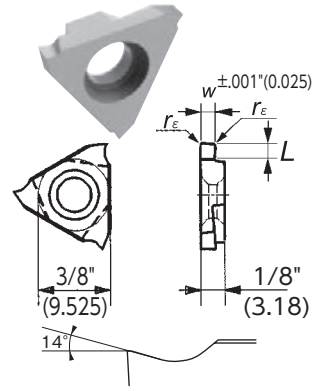


Right-Hand style shown

Shape	Item Number	Groove Width W (Inch)	Groove Width W (mm)	Max Depth of Cut Grooving (Inch)	Max Depth of Cut Grooving (mm)	L (Inch)	L (mm)	rε (Inch)	rε (mm)	Coated Carbide DT4 R	Coated Carbide DT4 L	Coated Carbide QM3 R	Coated Carbide QM3 L
Side Turning Capable	GTMX32030⅜T	.012	0.30	.010	0.25	.024	0.6	.002	0.05	○		●	
	GTMX32033⅜T	.013	0.33	.010	0.25	.024	0.6	.002	0.05			●	
	GTMX32043⅜T	.017	0.43	.035	0.9	.047	1.2	.002	0.05	○		●	
	GTMX32050⅜T	.020	0.50	.035	0.9	.047	1.2	.002	0.05	○		●	■
	GTMX32053⅜T	.021	0.53	.035	0.9	.047	1.2	.002	0.05			●	
	GTMX32065⅜T	.026	0.65	.035	0.9	.047	1.2	.002	0.05	○		●	
	GTMX32075⅜T	.030	0.75	.063	1.6	.079	2.0	.002	0.05	○	○	●	●
	GTMX32080⅜T	.031	0.80	.063	1.6	.079	2.0	.002	0.05	○		●	■
	GTMX32095⅜T	.037	0.95	.063	1.6	.079	2.0	.002	0.05	○	○	○	○
	GTMX32100⅜T	.039	1.00	.063	1.6	.079	2.0	.002	0.05	○		●	
	GTMX32100⅜T01	.039	1.00	.063	1.6	.079	2.0	.004	0.1	○		●	
	GTMX32110⅜T	.043	1.10	.063	1.6	.079	2.0	.002	0.05			○	
	GTMX32120⅜T	.047	1.20	.063	1.6	.079	2.0	.002	0.05	○		●	
	GTMX32120⅜T01	.047	1.20	.063	1.6	.079	2.0	.004	0.1	○		●	
	GTMX32125⅜T	.049	1.25	.063	1.6	.079	2.0	.002	0.05	○		●	
	GTMX32130⅜T	.051	1.30	.063	1.6	.079	2.0	.002	0.05	○		○	
	GTMX32140⅜T	.055	1.40	.063	1.6	.079	2.0	.002	0.05	○		○	
	GTMX32145⅜T	.057	1.45	.106	2.7	.118	3.0	.002	0.05			○	
	GTMX32150⅜T	.059	1.50	.106	2.7	.118	3.0	.002	0.05	○	○	●	●
	GTMX32150⅜T01	.059	1.50	.106	2.7	.118	3.0	.004	0.1	○		●	
	GTMX32150⅜T02	.059	1.50	.106	2.7	.118	3.0	.008	0.2	○		●	
	GTMX32160⅜T	.063	1.60	.106	2.7	.118	3.0	.002	0.05	○		●	
	GTMX32175⅜T	.069	1.75	.106	2.7	.118	3.0	.002	0.05	○		○	●
	GTMX32180⅜T	.071	1.80	.106	2.7	.118	3.0	.002	0.05	○		○	□
	GTMX32200⅜T	.079	2.00	.106	2.7	.118	3.0	.002	0.05	○	○	●	●
	GTMX32200⅜T01	.079	2.00	.106	2.7	.118	3.0	.004	0.1	○	○	○	○
	GTMX32200⅜T02	.079	2.00	.106	2.7	.118	3.0	.008	0.2	○		●	
	GTMX32250⅜T	.098	2.50	.106	2.7	.118	3.0	.002	0.05	○	○	●	○
	GTMX32250⅜T01	.098	2.50	.106	2.7	.118	3.0	.004	0.1	○		○	
	GTMX32250⅜T02	.098	2.50	.106	2.7	.118	3.0	.008	0.2	○		○	
	GTMX32300⅜T	.118	3.00	.106	2.7	.118	3.0	.002	0.05	○		●	
	GTMX32300⅜T02	.118	3.00	.106	2.7	.118	3.0	.008	0.2	○		●	

GTMH32 - VT Mirror finish

Side Turning Capable



Right-Hand style shown

Shape	Item Number	Groove Width W (Inch)	Groove Width W (mm)	Max Depth of Cut Grooving (Inch)	Max Depth of Cut Grooving (mm)	L (Inch)	L (mm)	rε (Inch)	rε (mm)	Coated Carbide VM1 R	Coated Carbide VM1 L
Side Turning Capable	GTMH32033⅜VT Ⓜ	.013	0.33	.010	0.25	.024	0.6	0.0	0.0	●	
	GTMH32043⅜VT Ⓜ	.017	0.43	.035	0.9	.047	1.2	0.0	0.0	●	
	GTMH32053⅜VT Ⓜ	.021	0.53	.063	1.6	.079	2.0	0.0	0.0	●	
	GTMH32065⅜VT Ⓜ	.026	0.65	.063	1.6	.079	2.0	0.0	0.0	●	
	GTMH32075⅜VT Ⓜ	.030	0.75	.063	1.6	.079	2.0	0.0	0.0	●	
	GTMH32080⅜VT Ⓜ	.031	0.80	.063	1.6	.079	2.0	0.0	0.0	○	
	GTMH32085⅜VT Ⓜ	.033	0.85	.063	1.6	.079	2.0	0.0	0.0	○	
	GTMH32095⅜VT Ⓜ	.037	0.95	.063	1.6	.079	2.0	0.0	0.0	○	
	GTMH32100⅜VT Ⓜ	.039	1.00	.063	1.6	.079	2.0	0.0	0.0	●	
	GTMH32110⅜VT Ⓜ	.043	1.10	.063	1.6	.079	2.0	0.0	0.0	○	
	GTMH32120⅜VT Ⓜ	.047	1.20	.063	1.6	.079	2.0	0.0	0.0	○	
	GTMH32130⅜VT Ⓜ	.051	1.30	.063	1.6	.079	2.0	0.0	0.0	○	
	GTMH32140⅜VT Ⓜ	.055	1.40	.063	1.6	.079	2.0	0.0	0.0	○	
	GTMH32150⅜VT Ⓜ	.059	1.50	.106	2.7	.118	3.0	0.0	0.0	●	
	GTMH32200⅜VT Ⓜ	.079	2.00	.106	2.7	.118	3.0	0.0	0.0	●	

Side turning instruction for GTMH-GX / GTMX-T / GTMH-VT

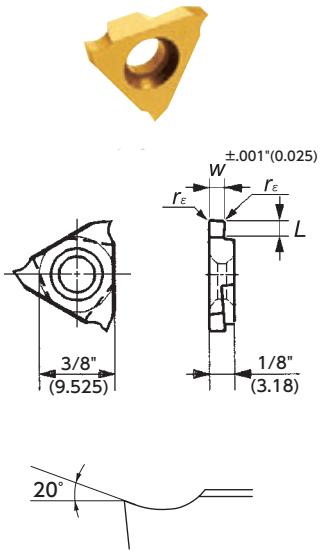
①To perform side turning with an insert whose groove width is greater than .017" set side turning feed rate to .001 IPR or smaller.

②When performing side turning with an insert whose groove width is greater than .017" and the feed rate is over .001 IPR (.004 IPR max), it is likely that chips will damage grooved sides. In this case, please perform grooving in two or more passes to make room for chips before performing side turning.

Holders ➡T10 Cutting condition ➡T4

● : Stock
● : Stock (Newly added)
■□RL : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
RL : 1-2 week delivery (Right / Left-hand only)
RL : 1-2 week delivery (Right / Left-hand only, Newly added)

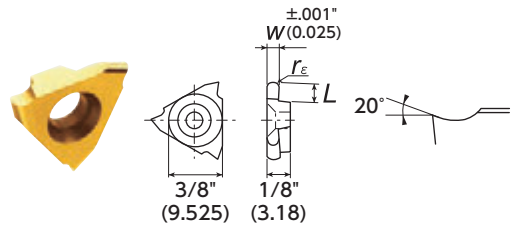
GTMH32 - E



Right-Hand style shown

Shape	Item Number	Groove width W (Inch)	Groove width W (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	L (Inch)	L (mm)	rε (Inch)	rε (mm)	Coated Carbide ZM3 R	Coated Carbide ZM3 L
	GTMH32033R/LE	.013	0.33	.012	0.3	.024	0.6	.001	0.03	○	○
	GTMH32043R/LE	.017	0.43	.035	0.9	.047	1.2	.001	0.03	●	○
	GTMH32053R/LE	.021	0.53	.035	0.9	.047	1.2	.002	0.05	○	○
	GTMH32075R/LE	.030	0.75	.063	1.6	.079	2.0	.002	0.05	○	○
	GTMH32077R/LE	.030	0.77	.063	1.6	.079	2.0	.002	0.05	○	
	GTMH32095R/LE	.037	0.95	.063	1.6	.079	2.0	.002	0.05	○	○
	GTMH32097R/LE	.038	0.97	.063	1.6	.079	2.0	.002	0.05	○	
	GTMH32100R/LE	.039	1.00	.063	1.6	.079	2.0	.002	0.05	○	○
	GTMH32100R/LE01	.039	1.00	.063	1.6	.079	2.0	.004	0.1	○	○
	GTMH32120R/LE	.047	1.20	.063	1.6	.079	2.0	.002	0.05	●	○
	GTMH32120R/LE01	.047	1.20	.063	1.6	.079	2.0	.004	0.1	○	○
	GTMH32125R/LE	.049	1.25	.063	1.6	.079	2.0	.002	0.05	○	
	GTMH32140R/LE	.055	1.40	.063	1.6	.079	2.0	.002	0.05	○	○
	GTMH32145R/LE	.057	1.45	.063	1.6	.079	2.0	.002	0.05	○	
	GTMH32150R/LE	.059	1.50	.106	2.7	.118	3.0	.002	0.05	○	○
	GTMH32150R/LE01	.059	1.50	.106	2.7	.118	3.0	.004	0.1	○	○
	GTMH32175R/LE	.069	1.75	.106	2.7	.118	3.0	.002	0.05	○	
	GTMH32180R/LE	.071	1.80	.106	2.7	.118	3.0	.002	0.05	○	○
	GTMH32200R/LE	.079	2.00	.106	2.7	.118	3.0	.002	0.05	○	○
	GTMH32200R/LE01	.079	2.00	.106	2.7	.118	3.0	.004	0.1	○	○
	GTMH32225R/LE	.089	2.25	.106	2.7	.118	3.0	.002	0.05	○	○
	GTMH32250R/LE	.098	2.50	.106	2.7	.118	3.0	.002	0.05	○	○
	GTMH32275R/LE	.108	2.75	.106	2.7	.118	3.0	.002	0.05	○	○
	GTMH32300R/LE	.118	3.00	.106	2.7	.118	3.0	.002	0.05	○	○

GTMH32 (Full radius style)

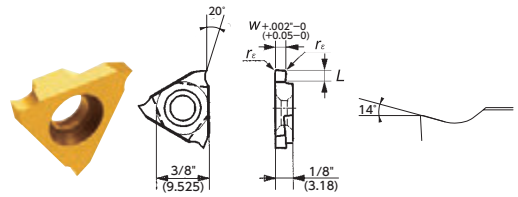


Right-Hand style shown

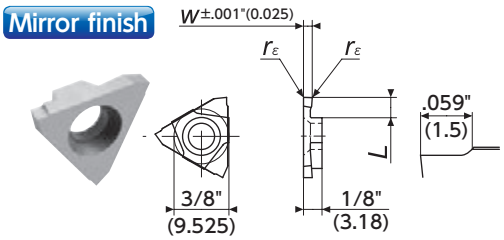
Shape	Item Number	Groove Width W (Inch)	Groove Width W (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	L (Inch)	L (mm)	rε (Inch)	rε (mm)	Coated Carbide QM3 R	Coated Carbide QM3 L	Coated Carbide ZM3 R	Coated Carbide ZM3 L
	GTMH32050R/LE025	.020	0.50	.035	0.9	.047	1.2	.010	0.25	●		●	
	GTMH32070R/LE035	.028	0.70	.063	1.6	.079	2.0	.014	0.35	●		●	
	GTMH32100R/LE05	.039	1.00	.063	1.6	.079	2.0	.020	0.50	●		●	
	GTMH32150R/LE075	.059	1.50	.106	2.7	.118	3.0	.030	0.75	●			
	GTMH32200R/LE10	.079	2.00	.106	2.7	.118	3.0	.039	1.00	●		○	
	GTMH32300R/LE15	.118	3.00	.106	2.7	.118	3.0	.059	1.50	●		○	

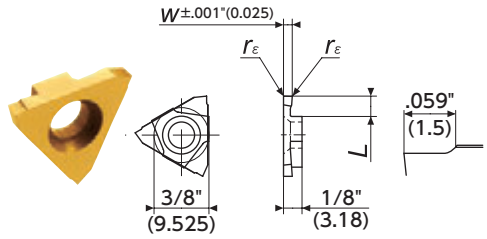
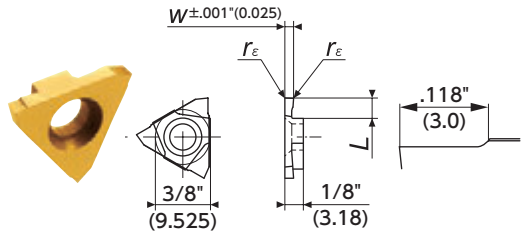
Holders ➡T10 Cutting condition ➡T4

TMG32-E

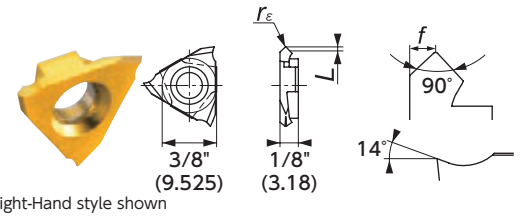
Shape	Item Number	Groove Width w (Inch)	Groove Width w (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	L (Inch)	L (mm)	r_ε (Inch)	r_ε (mm)	Coated Carbide ZM3 R	Coated Carbide ZM3 L
 Right-Hand style shown	TMG32031R/L E01	.031	0.79	.063	1.6	.079	2.0	.004	0.1	●	
	TMG32039R/L E01	.039	1.00	.063	1.6	.079	2.0	.004	0.1	●	●
	TMG32049R/L E01	.049	1.25	.063	1.6	.079	2.0	.004	0.1	●	
	TMG32062R/L E02	.062	1.57	.106	2.7	.118	3.0	.008	0.2	●	
	TMG32079R/L E02	.079	2.00	.106	2.7	.118	3.0	.008	0.2	●	
	TMG32094R/L E02	.094	2.39	.106	2.7	.118	3.0	.008	0.2	●	
	TMG32125R/L E02	.125	3.18	.106	2.7	.118	3.0	.008	0.2	●	

GTMH • X32 (Flat top chipbreaker)

Shape	Item Number	Groove Width w (Inch)	Groove Width w (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	L (Inch)	L (mm)	r_ε (Inch)	r_ε (mm)	Carbide KM1 R	Carbide KM1 L
Mirror finish  Right-Hand style shown	GTMH32100R/L SSH Ⓜ	.039	1.00	.063	1.6	.079	2.0	.002	0.05	●	
	GTMH32150R/L SSH Ⓜ	.059	1.50	.106	2.7	.118	3.0	.002	0.05	●	
	GTMH32200R/L SSH Ⓜ	.079	2.00	.106	2.7	.118	3.0	.002	0.05	●	

Shape	Item Number	Groove Width w (Inch)	Groove Width w (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	L (Inch)	L (mm)	r_ε (Inch)	r_ε (mm)	Coated Carbide ZM3 R	Coated Carbide ZM3 L
 Right-Hand style shown	GTMX32100R/L SS	.039	1.00	.063	1.6	.079	2.0	.002	0.05	○	
	GTMX32150R/L SS	.059	1.50	.106	2.7	.118	3.0	.002	0.05	○	
	GTMX32200R/L SS	.079	2.00	.106	2.7	.118	3.0	.002	0.05	○	
 Right-Hand style shown	GTMX32100R/L LS	.039	1.00	.063	1.6	.079	2.0	.002	0.05	○	
	GTMX32150R/L LS	.059	1.50	.106	2.7	.118	3.0	.002	0.05	○	
	GTMX32200R/L LS	.079	2.00	.106	2.7	.118	3.0	.002	0.05	○	

GTMX32 (90 Degree V-style)

Shape	Item Number	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	Edge Geometry	r_ε (Inch)	r_ε (mm)	L (Inch)	L (mm)	Coated Carbide TM4 R	Coated Carbide TM4 L
 Right-Hand style shown	GTMX32V90R/L 005	.020	0.5	90°	.002	0.05	.020	0.5	○	
	GTMX32V90R/L 010	.028	0.7	90°	.004	0.1	.040	1.0	○	

● : Stock
● : Stock (Newly added)
■ □ R L : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
Ⓡ Ⓛ : 1-2 week delivery (Right / Left-hand only)
Ⓡ Ⓛ : 1-2 week delivery (Right / Left-hand only, Newly added)

GTPA Series

Best tool for Aluminum Spool Machining

GTPA

Screw Accessible from both sides

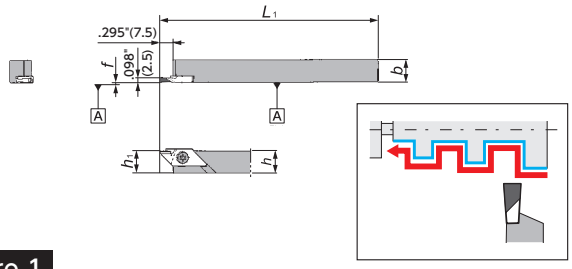
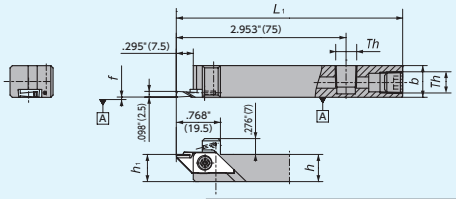


Figure-1

Right-Hand style shown

GTPA-OH (Coolant through)

Screw Accessible from both sides



Th (Thread type)
Metric size holder: Rc1/8 (PT1/8)

Figure-2

Right-Hand style shown

Y-GTPA

Screw Accessible from both sides

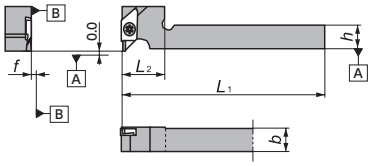
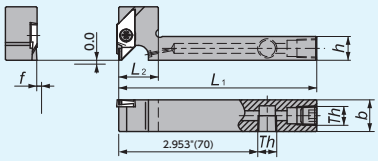


Figure-3

Right-Hand style shown

Y-GTPA-OH (Coolant through)

Screw Accessible from both sides



Th (Thread type)
Metric size holder: Rc1/8 (PT1/8)

Figure-4

Right-Hand style shown

GTPA - Toolholders

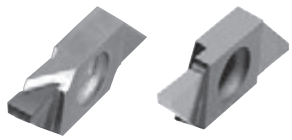
GTPA

Gage Insert	Item Number	Figure	Stock R	Stock L	h (Inch)	h (mm)	b (Inch)	b (mm)	h_1 (Inch)	h_1 (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	Th	Clamp Screw	Wrench
GTPA	GTPA R/L 1010	1	○		.394	10	.394	10	.394	10	4.724	120	.004	0.1	–	–	–	LRIS-4 × 10PW	CLR-15S
	GTPA R/L 1212	1	○		.472	12	.472	12	.472	12	4.724	120	.004	0.1	–	–	–	LRIS-4 × 10PW	CLR-15S
	GTPA R/L 1616	1	○		.630	16	.630	16	.630	16	4.724	120	.004	0.1	–	–	–	LRIS-4 × 12PW	CLR-15S
	GTPA R/L 1214H-OH 💧	2	○		.472	12	.551	14	.472	12	3.937	100	.004	0.1	–	–	Rc1/8(PT1/8)	LRIS-4 × 12PW	CLR-15S
	Y-GTPA R/L 1216	3	○		.472	12	.630	16	–	–	4.724	120	.004	0.1	.787	20	–	LRIS-4 × 12PW	CLR-15S
	Y-GTPA R/L 1014FSS-OH 💧	4	○		.394	10	.551	14	–	–	3.150	80	.004	0.1	.591	15	Rc1/8(PT1/8)	LRIS-4 × 12PW	CLR-15S
	Y-GTPA R/L 1216HS-OH 💧	4	○		.472	12	.630	16	–	–	3.937	100	.004	0.1	.787	20	Rc1/8(PT1/8)	LRIS-4 × 12PW	CLR-15S
	Y-GTPA R/L 1216H-OH 💧	4	○		.630	16	.630	16	–	–	3.937	100	.004	0.1	.984	25	Rc1/8(PT1/8)	LRIS-4 × 12PW	CLR-15S

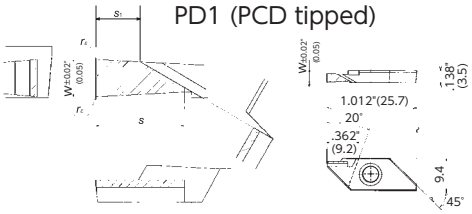
GTPA Series - Inserts

GTPA

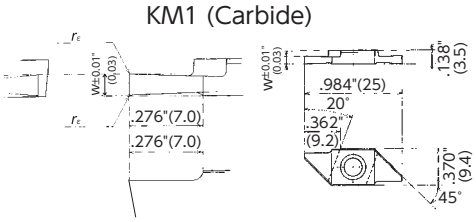
Shape



PD1 (PCD tipped)



KM1 (Carbide)



Item Number	Groove Width w (Inch)	Groove Width w (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	s (Inch)	s (mm)	s_1 (Inch)	s_1 (mm)	r_ε (Inch)	r_ε (mm)	Carbide KM1	PCD PD1
GTPA20FRN01-082	.079	2.0	.118	3.0	.157	4.0	.079	2.0	-.004	-0.1		○
GTPA20FRN01	.079	2.0	.197	5.0	.236	6.0	.157	4.0	-.004	-0.1		○
GTPA20FRN01	.079	2.0	.236	6.0	–	–	–	–	-.004	-0.1	○	
GTPA25FRN01-081	.098	2.5	.118	3.0	.157	4.0	.024	1.0	-.004	-0.1		○
GTPA25FRN01	.098	2.5	.197	5.0	.236	6.0	.118	3.0	-.004	-0.1		○
GTPA25FRN01	.098	2.5	.236	6.0	–	–	–	–	-.004	-0.1	○	

Cutting condition ➡T4

● : Stock
● : Stock (Newly added)
■ R L : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
Ⓡ Ⓛ : 1-2 week delivery (Right / Left-hand only)
Ⓡ Ⓛ : 1-2 week delivery (Right / Left-hand only, Newly added)