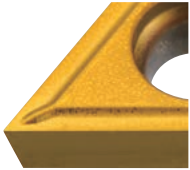
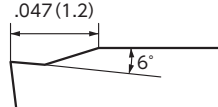
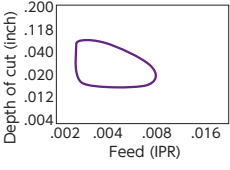

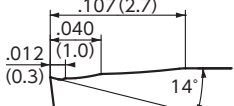
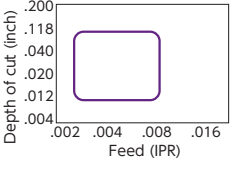

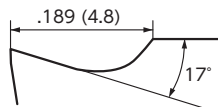
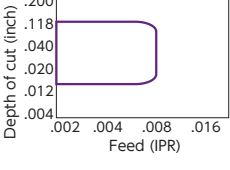

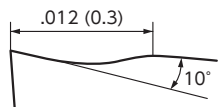
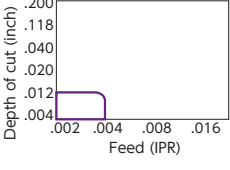
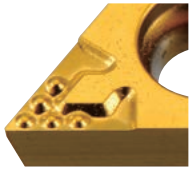
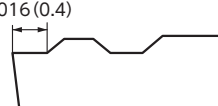
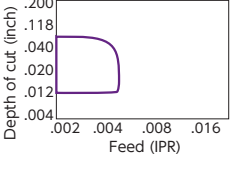

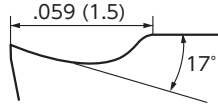
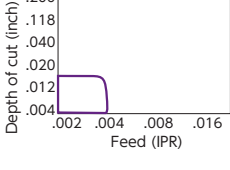
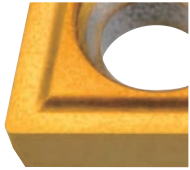
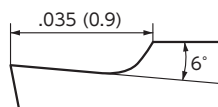
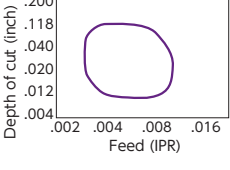


Chipbreakers for Positive Inserts

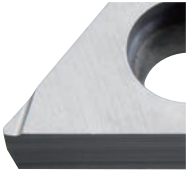
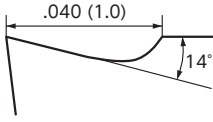
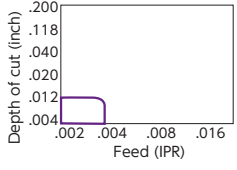

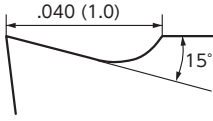
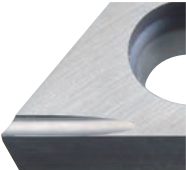
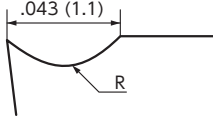
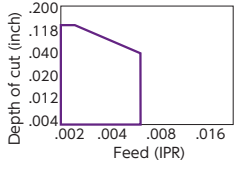
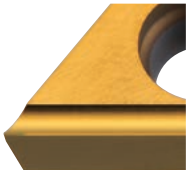
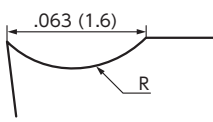
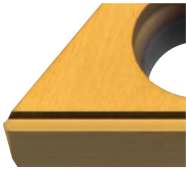
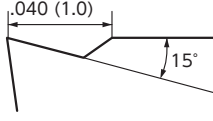
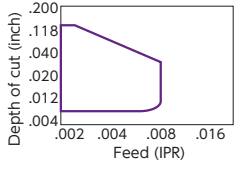

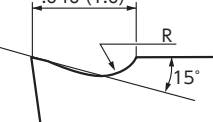
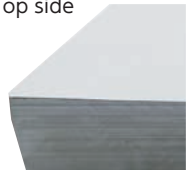
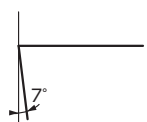

Molded Chipbreakers for Positive Inserts

Tooling for Swiss-type Lathes

[Molded Chipbreakers for Positive Inserts]

Name	Chipbreaker Geometry		Features	Chip Control Range
AM3		 DCGT32.508 shown	<ul style="list-style-type: none"> ● All purpose chipbreaker ● Sharp edge with toughness 	
YL	 <small>WATCH ON YouTube</small>	 DCGT11T302MYL	<ul style="list-style-type: none"> ● Great combination of sharpness and toughness ● Covers extremely wide range ● Excellent chip control 	
CL	 <small>WATCH ON YouTube</small>	 DCGT32.508M shown	<ul style="list-style-type: none"> ● Sharpest molded Chipbreaker ● Excellent chip control ● Less tool pressure 	
AMX	 <small>WATCH ON YouTube</small>	 DCGT32.508M shown	<ul style="list-style-type: none"> ● Designed for very light depth of cut ● Good sharpness 	
AZ7	 <small>WATCH ON YouTube</small>	 DCGT32.508M shown	<ul style="list-style-type: none"> ● Excellent chip control at light feed and light depth of cut 	
FG		 TPGH221 shown	<ul style="list-style-type: none"> ● Exclusively designed for ID boring ● Evacuates chips BACKWARD at light depth of cut ● Sharp cutting edge with high rake angle 	
AM5		 CPGH21.508 shown	<ul style="list-style-type: none"> ● Chipbreaker for boring ● Provides both good cutting performance and chip control 	

Ground Chipbreakers for Positive Inserts

Name	Chipbreaker Geometry		Features	Chip Control Range
KHG		 DCET32.508 shown	<ul style="list-style-type: none"> ● Excellent chip control on finishing cuts ● For super high-precision machining <p>* Precision tolerance in corner radius: $\pm .0004$"</p>	
		 TPGHP7308 shown		
UHG		 DCET32.504M shown	<ul style="list-style-type: none"> ● Sharp cutting edge ● Covers wide cutting condition range <p>* Precision tolerance in corner radius: $\pm .0004$"</p>	
		 DCGT32.508 shown		
S		 DCGT32.508 shown	<ul style="list-style-type: none"> ● Standard ground chipbreaker with wide cutting condition coverage ● Sharp cutting edge with excellent chip control 	
		 DCGT32.508 shown		
VPH	Top side 		<ul style="list-style-type: none"> ● Very up-sharp edge with mirror finish <p>V: Mirror finish on Top and Flank side with R0 nose radius</p> <p>P: Mirror finish on Top and Flank side</p> <p>H: Mirror finish on Top side</p>	
	Flank side			

Tooling for Swiss-type Lathes

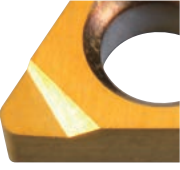
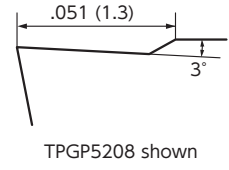
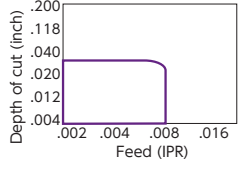
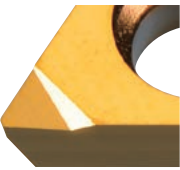
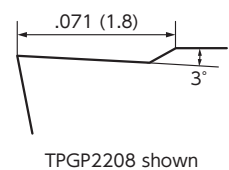
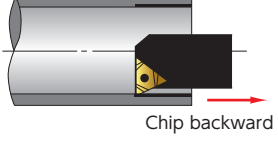
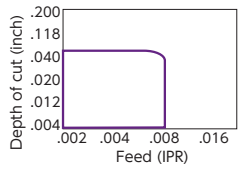
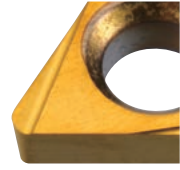
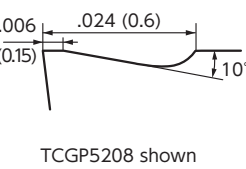
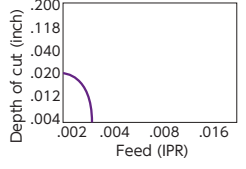

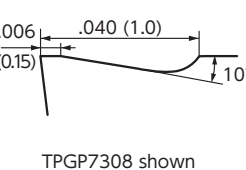
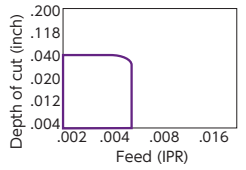
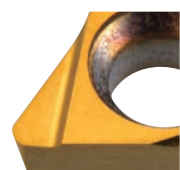
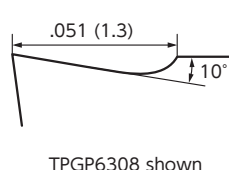
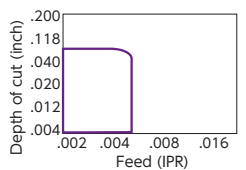
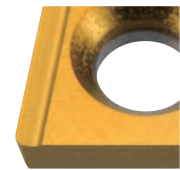
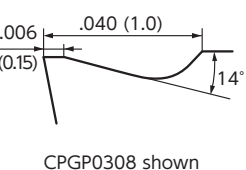
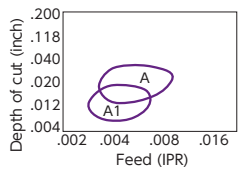
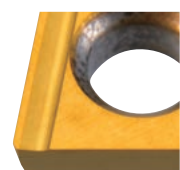
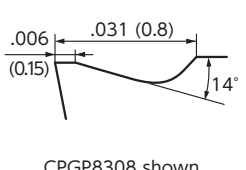
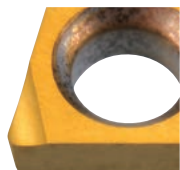
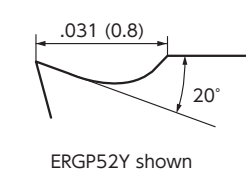
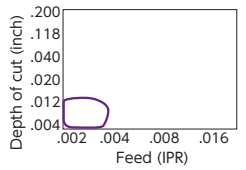
[Molded Chipbreakers for Positive Inserts]

Chipbreakers for Positive Inserts



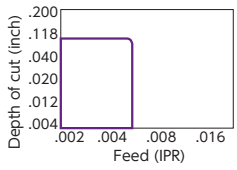
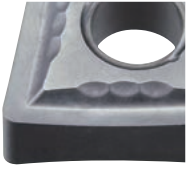

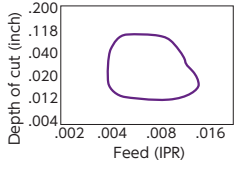
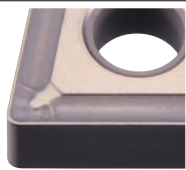
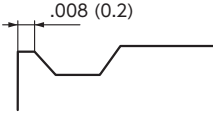
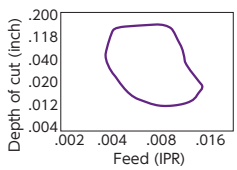
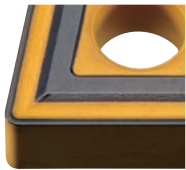
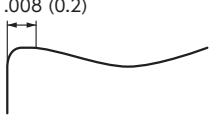
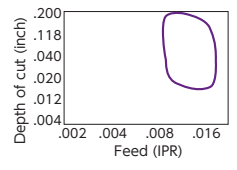
Ground Chipbreakers for Positive Inserts (continued)

Tooling for Swiss-type Lathes

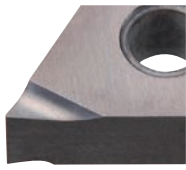
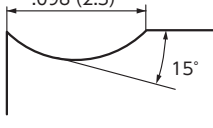
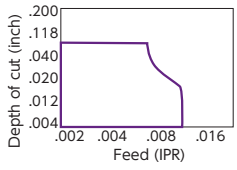

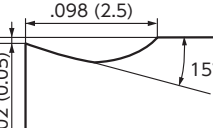
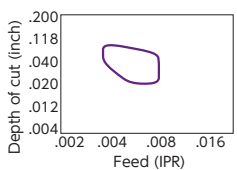
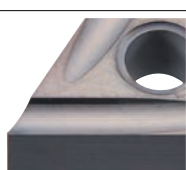
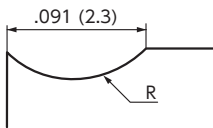
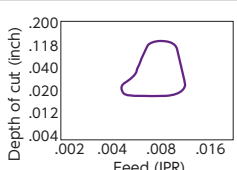

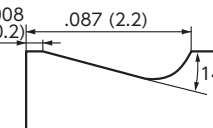
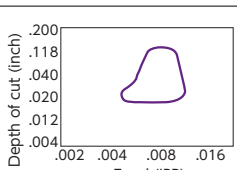
[Ground Chipbreakers for Positive Inserts]

Name	Chipbreaker Geometry		Features	Chip Control Range
F05		 TPGP5208 shown	<ul style="list-style-type: none"> ● Exclusively designed for ID boring ● Evacuates chips BACKWARD ● Excellent choice for blind hole machining 	
F1		 TPGP2208 shown	 Chip backward	
B1		 TCGP5208 shown		
B2		 TPGP7308 shown	<ul style="list-style-type: none"> ● Stable cutting when boring thanks to sharp and tough cutting edge 	
B3		 TPGP6308 shown		
A		 CPGP0308 shown	<ul style="list-style-type: none"> ● Tough cutting edge and good chip control 	
A1		 CPGP8308 shown	<ul style="list-style-type: none"> ● General-purpose ID chipbreaker 	
A2		 ERGP52Y shown	<ul style="list-style-type: none"> ● Control chips at light feed and light depth of cut ● Sharp cutting edge due to large rake angle 	

Molded Chipbreakers for Negative Inserts

Name	Chipbreaker Geometry		Features	Chip Control Range
UL		 TNGG3304M shown	<ul style="list-style-type: none"> ● Negative insert with a positive insert's chipbreaker ● Reduced burr ● Improved microfinish ● Superb advantage in cost per corner over positive inserts 	
ZP		 CNMG432 shown	<ul style="list-style-type: none"> ● Double-positive rake and sharp cutting edge ● Low tool pressure even at heavy depth of cut 	
Z5		 CNMG432 shown	<ul style="list-style-type: none"> ● Very tough insert ● Designed for machining with heavy interruption 	
G		 CNMG432 shown	<ul style="list-style-type: none"> ● Tough chipbreaker for roughing with exceptional stability 	

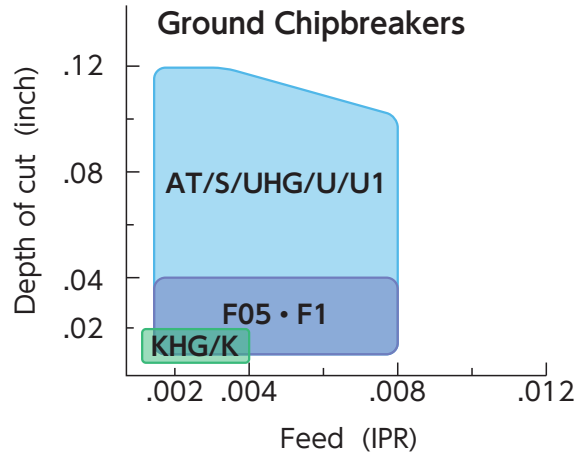
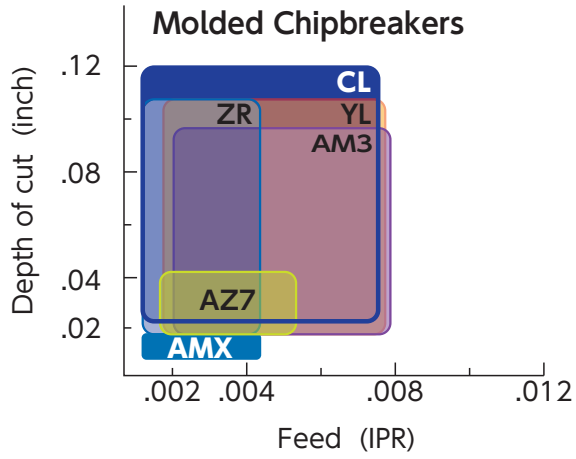
Ground Chipbreakers for Negative Inserts

Name	Chipbreaker Geometry		Features	Chip Control Range
DA		 TNGG3304 shown	<ul style="list-style-type: none"> ● Excellent chip control and sharp cutting edge 	
D1		 TNEG3308 shown		
U2		 TNGG3308 shown	<ul style="list-style-type: none"> ● Reduced burr and work hardening due to high rake design 	
C		 TNGG3308 shown	<ul style="list-style-type: none"> ● General-purpose chipbreaker with excellent toughness and chip control 	

Tooling for Swiss-type Lathes

[Ground Chipbreakers for Positive Inserts]

Positive Inserts



Negative Inserts

