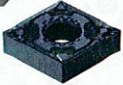











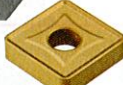

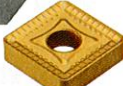



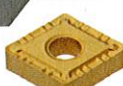



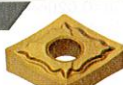



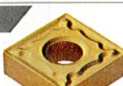

















A Chip breakers(Turning)

KORLOY Chip Breaker For Turning

Geometry	Cutting edge	Application range												Features									
		feed rate (ipr)																					
		0.002	0.003	0.004	0.006	0.010	0.016	0.025	0.039	0.063	0.098	0.157	0.248										
depth of cut (Inch)																							
0.004												0.006	0.010	0.016	0.025	0.039	0.063	0.098	0.157	0.248	0.394	0.457	0.512
V Series	VG			0.004~0.014 0.020~0.098												For finishing <ul style="list-style-type: none"> Ensures stable chip flow even at very small depth of cut Suitable for copying 							
	VQ			0.004~0.016 0.039~0.118												For Medium to Finish Cutting <ul style="list-style-type: none"> Strong cutting edge makes excellent cutting performance at interrupted cutting 							
	VL			0.004~0.014 0.08~0.059												For Medium cutting <ul style="list-style-type: none"> Stable chip control in high toughness material; low carbon steel, pipe steel & steel plates Improved chip control for facing, copy machining and better surface finish 							
	VF			0.002~0.014 0.020~0.079												For Finishing <ul style="list-style-type: none"> Good chip control quality on varied depth of cut Excellent cutting edge strength has been acquired due to the special chip-breaker 							
	VB			0.006~0.018 0.020~0.079												For finishing <ul style="list-style-type: none"> Improved chip control for smaller depth of cuts Excellent chip control in copying, corner R machining 							
	VM			0.004~0.020 0.039~0.197												For Medium cutting <ul style="list-style-type: none"> Wide available chip control range from medium-finishing to medium-roughing Suitable chip breaker for CNC machining 							
	VH			0.028~0.065 0.236~0.591												For Heavy duty cutting <ul style="list-style-type: none"> Designed specifically for heavy machining Specialized chip breaker for the heavy industries like Ship building, Power plant industry 							
H Series	VT			0.030~0.063 0.276~0.669												For Heavy duty cutting <ul style="list-style-type: none"> Designed specifically for heavy machining Specialized chip breaker for the heavy industries like Ship building, Power plant industry 							
	HU			0.001~0.010 0.004~0.059												For Ultra-fine Finishing, Finishing <ul style="list-style-type: none"> Suitable for a machining need fine surface finish and a machining generate low cutting force due to sharp cutting edge design. Specially designed chip breaker ensure stable chip control at ultra fine finishing condition. 							
	HC			0.003~0.016 0.031~0.1118												For Medium to Finish Cutting <ul style="list-style-type: none"> Excellent for copying of special shape Smooth chip control at shallow cut as well as deep depth of cut 							
	HR			0.010~0.026 0.098~0.276												For Roughing <ul style="list-style-type: none"> Excellent chip control at deep depth of cut and fast feed rate Strong cutting edge makes excellent cutting performance at intermittent cutting 							
	HA			0.001~0.012 0.020~0.098												For Light-alloy, Stainless-steel machining <ul style="list-style-type: none"> Sharp cutting edge generates low cutting force Specially designed tough main cutting edge Suitable for cutting of low carbon steel, stainless steel, aluminum 							
	HS			0.004~0.016 0.039~0.157												For Medium cutting of Stainless steel <ul style="list-style-type: none"> Exclusive design for stainless steel cutting provide longer tool life Wear resistance have been reinforced through high rake angle of chip breaker land 							
	GM			0.004~0.020 0.028~0.157												For Medium to Light cutting <ul style="list-style-type: none"> Excellent chip control at general cutting conditions Strong cutting edge strength provides good performance at intermittent and fast feed cutting 							

Notice: Application ranges are based on main cutting material

KORLOY Chip Breaker For Turning

Geometry	Cutting edge	Application range															Features					
		feed rate (ipr)																				
		0.002	0.003	0.004	0.006	0.010	0.016	0.025	0.039	0.063	0.098	0.157	0.248	depth of cut (inch)				0.039	0.063	0.098	0.157	0.248
G Series	GR 						0.012~0.031										0.118~0.315		<p>For Medium to Roughing</p> <ul style="list-style-type: none"> Suitable for deep depth of cut and high feed cutting of steel and cast iron Suitable for intermittent cutting 			
	GH 						0.012~0.051										0.118~0.433		<p>For Heavy duty cutting</p> <ul style="list-style-type: none"> Suitable for heavy duty cutting due to strong cutting edge Wide chip control range with low cutting force 			
	GS 						0.006~0.020										0.059~0.217		<p>For Medium to Roughing of Stainless-steel</p> <ul style="list-style-type: none"> Exclusive chip breaker for stainless steel 			
B Series	B25 						0.020~0.039										0.157~0.394		<p>For General cutting</p> <ul style="list-style-type: none"> Suitable for general cutting condition cutting 			
V-posi Series	VF 	0.002~0.010					0.004~1.059										<p>For finishing</p> <ul style="list-style-type: none"> Improved surface finish and size accuracy due to stable inner boring 					
H-posi Series	HFP 	0.002~0.010					0.004~0.059										<p>For Finishing</p> <ul style="list-style-type: none"> Excellent chip control at shallow depth of cut and low feed rate Excellent surface finish of work piece due to reduced cutting force Suitable for fine boring 					
	HMP 	0.001~0.016					0.020~0.138										<p>For Medium cutting</p> <ul style="list-style-type: none"> Excellent chip control at wide range of cutting conditions Suitable for stainless steel cutting 					
C Series	C25 						0.004~0.014										0.039~0.118		<p>For Medium cutting</p> <ul style="list-style-type: none"> Suitable for interrupted cutting and cast iron machining Good surface finish due to low cutting force Suitable for both boring and outer diameter turning 			
AL Series	AK 	0.001~0.016					0.004~0.157										<p>For Aluminum cutting</p> <ul style="list-style-type: none"> High rake angle and low resistance cutting edge secures long tool life in continuous cutting of aluminum turning High speed of finishing operation 					
	AR 	0.002~0.020					0.020~0.157										<p>For Aluminum cutting</p> <ul style="list-style-type: none"> High stability of cutting edge secures great performance in high speed and interrupted machining High speed of medium and interrupted operation 					
Auto tool Series	KF 	0.001~0.005					0.001~0.039										<p>For Finishing</p> <ul style="list-style-type: none"> Shallow depth of cut with sharp edge. Longer tool life at high speed cutting due to low cutting force Good surface finish 					
	KM 	0.002~0.006					0.002~0.059										<p>For Medium to Finish cutting</p> <ul style="list-style-type: none"> Improved chip control makes tool life long and better machining 					
Wiper tool Series	LW 						0.006~0.024										0.039~0.197		<p>For Medium cutting (Wiper)</p> <ul style="list-style-type: none"> Guarantees excellent surface roughness and good chip controls at high feed machining 			
	VW 						0.006~0.020										0.020~0.138		<p>For Finishing (Wiper)</p> <ul style="list-style-type: none"> Improved surface roughness at shallow depth of cut and high feed due to strong cutting edge 			

Notice: Application ranges are based on main cutting material