

Toolholder Selection Guide



KENLOC

KENDEX
TURNING INSERTS

SCREW-ON

TOOLHOLDERS

BORING BARS
TURNING HOLDERS

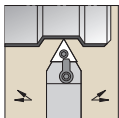
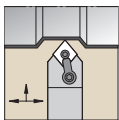
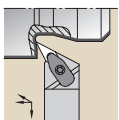
BORING HEADS

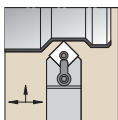
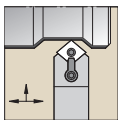
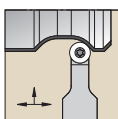
CARTRIDGES

Tool Path	Lead Angle	Clamping Style and Insert Shape	Turning	Profiling	Facing	Plunging	Chamfering	Page
0° Lead Angle								
	0°	 C	•					
		KENLOC	•					A158
		SCREW-ON	•		•			A185/A186 A185
		 D		•				
		SCREW-ON	•	•				A189
		 V						
		SCREW-ON	•	•				A194
		 T						
		KENLOC	•			•	•	A164/A166 A165 A165/A166 A164
		KENCLAMP	•		•			A156 A155
		KENDEX	•			•		A178/A182 A180/A184 A179/A183
		SCREW-ON	•					A192/A193
-3° Lead Angle								
	-3°	 D	•	•				
		KENLOC	•	•				A160
		KENCLAMP	•	•				A153
		SCREW-ON	•	•				A190
		TNT	•	•				A173
		 V						
		KENLOC	•	•				A168
		KENCLAMP	•	•				A156
		SCREW-ON	•	•				A194/A195
		 F						
		SCREW ON	•	•				A191
		 T						
		KENLOC	•	•				A166/A167
		KENCLAMP	•					A156
		SCREW-ON	•					A194
		WEDGELOCK	•	•				A171
-5° Lead Angle								
	-5°	 C	•	•	•			
		KENLOC	•	•	•			A159/A170
		KENCLAMP	•	•	•			A153
		KENDEX	•	•	•			A176/A181
		SCREW-ON	•	•	•			A187/A188
		TNT	•	•	•			A172

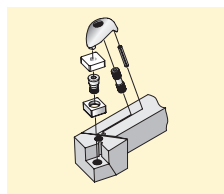
Tool Path	Lead Angle	Clamping Style and Insert Shape	Turning	Profiling	Facing	Plunging	Chamfering	Page
	-5°	 W	•	•	•			
		KENLOC	•	•	•			A169
		KENCLAMP	•	•	•			A157
		SCREW-ON	•	•	•			A195
		TNT	•	•	•			A175
		WEDGELOCK	•	•	•			A171
15° and -15° Lead Angle								
	15°	 C	•					
		KENLOC	•					A160 A158
		KENCLAMP	•		•			A152 A153
		KENDEX	•					A176
		SCREW-ON	•		•			A186 A189
		TNT	•					A172
		 S	•					
		KENLOC	•					A163/A170 A163
		KENCLAMP	•		•			A155 A154
		KENDEX	•		•			A177/A181 A178/A182
		TNT	•		•			A175 A174
		 T	•	•				
		KENLOC	•	•				A167 A167
		KENDEX	•					A179/A182
	-15°	WEDGELOCK	•	•	•			A171
17.5° and -17.5° Lead Angle								
	-17.5°	 D	•	•				
		KENLOC	•	•				A161
		KENCLAMP	•	•				A153
		TNT	•	•				A173
		 F						
		SCREW-ON	•	•				A191
		 V						
	17.5°	KENLOC		•				A168
		KENCLAMP		•				A157



Tool Path	Lead Angle	Clamping Style and Insert Shape	Turning	Profiling	Facing	Plunging	Chamfering	Page
27.5° Lead Angle								
	27.5°	 D						
		KENLOC	●	●				A161
		KENCLAMP	●	●				A153
		SCREW-ON	●					A190
30° Lead Angle								
	30°	 T						
		KENLOC	●	●				A165
		KENDEX	●	●				A179
			●	●				A183
		WEDGELOCK	●	●				A171
40° Lead Angle								
	40°	 C						
		KENLOC	●	●	●			A159
		SCREW-ON	●	●	●			A188
117.5° Lead Angle								
	117.5°	 V						
		KENCLAMP	●	●				A157

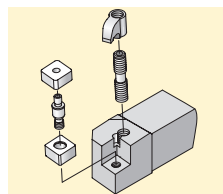
Tool Path	Lead Angle	Clamping Style and Insert Shape	Turning	Profiling	Facing	Plunging	Chamfering	Page
45° Lead Angle								
	45°	 S						
		KENLOC	●	●	●			A162/A164
		KENCLAMP	●	●	●			A155
			●	●	●			A154
		KENDEX	●	●				A177/A181
			●	●	●			A178/A182
		TNT	●	●	●			A174/A175
50° Lead Angle								
	50°	 C						
		KENLOC	●	●				A158
		KENDEX	●	●	●			A181
Turning Holders								
		 R						
		KENLOC	●		●			A162/A170
		KENCLAMP	●		●			A154
		KENDEX	●		●			A176/A177
		SCREW-ON	●	●	●			A191/A192

Clamping Styles



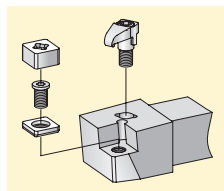
KENCLAMP Style

- Industry's quickest insert indexing system
- Ensures insert repeatability and seating
- Reduced chatter and improved tool life



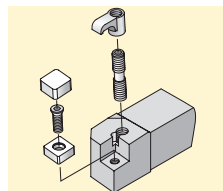
KENLOC Style

- Lock pin and top clamp provide rigid clamping
- Wide variety of insert styles can be used
- Tools can be used with or without clamp



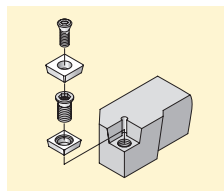
TOP NOTCH Turning Style

- Proven superior system in holding ceramic inserts rigidly in turning and profiling operations
- Uses standard insert sizes – 80°, 55°, square, and trigon
- This system offers added versatility of using optional hardware to hold standard KENDEX and KENLOC inserts



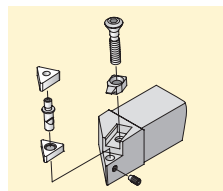
KENDEX Style

- Suitable for KENDEX inserts
- Chipbreaker option available for ceramic inserts
- Wide variety of insert styles can be used



SCREW-ON Style

- Top clamping by screw for SCREW-ON inserts



WEDGELOCK Style

- Top and hole clamping for inserts with hole