

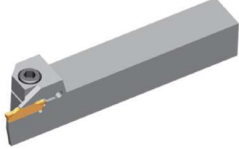


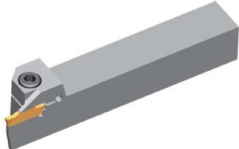



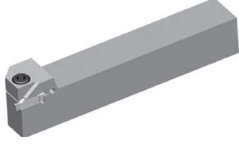

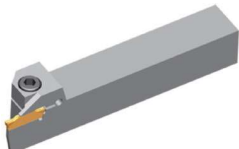




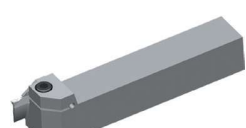


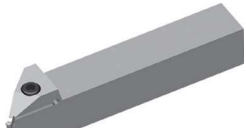






● Parting and grooving tools overview

Machining application	Machining type	Applicable tools	Corresponding inserts	Tool's feature and parameters
External machining	Parting	The little squirrel series QZ□□+QE□□  P138-139	Parting inserts ZP□S□□ 	<ul style="list-style-type: none"> Assemble structure of parting blade and holder, good rigidity and parting range is adjustable. The maximum parting diameter is 4.724inch.
		The little squirrel series QE□□R/L  P134-135	ZP□D□□  ZP□S□□ 	<ul style="list-style-type: none"> Inserts have 3d chipbreaker, small cutting force, good performance on chip breaking. The maximum parting diameter is 2.362inch.
	Grooving and turning	The little squirrel series QE□□R/L  P134-135	Double cutting edges for parting ZT□D□□□  Profile turning ZR□D□□□  Single cutting edge for deep grooving ZT□S□□□ 	<ul style="list-style-type: none"> Various applications can be realised by one single tool, installed with different inserts for grooving, profiling and parting. It reduces the tool category. Installed with grooving inserts, the tool realizes grooving and transverse cutting. It's multifunction tool. The maximum slot depth can be machined is 1.181inch.
	Precise grooving	The little squirrel series QECD  P136	Precise grooving ZT□D□□□-EG  Edge width 0.047~0.094inch	<ul style="list-style-type: none"> Grinded insert, used for precise grooving. Edge width can be any size between 0.039~0.256inch according to customers requirement. ZT□D□□□-EG inserts: When edge width is between 0.047~0.094inch, the maximum cutting depth is 0.098inch; When edge width is >0.094~0.256inch, the maximum cutting depth is 0.866inch.
		The little squirrel series QE□□R/L  P134-135	Precise grooving ZT□D□□□-EG  Edge width 0.039~0.256inch	

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Machining application	Machining type	Applicable tools	Corresponding inserts	Tool's feature and parameters
Internal machining	Grooving and turning	<p>The little squirrel series C□□□□□-Q□DR/L</p>  <p>P143</p>	<p>Grooving, Turning ZT□□□□</p> 	<ul style="list-style-type: none"> By installing different inserts for grooving and profiling, one single tool realizes various applications, it reduce the tool category. The maximum slot depth can be machined is 0.512inch. The minimum diameter can be machined is 1.063inch.
			<p>Profile turning ZR□□□□</p> 	
End machining	Grooving and turning	<p>The little squirrel series QF□□□□H</p>  <p>P139-140</p>	<p>Grooving, Turning ZT□□□□</p> 	<ul style="list-style-type: none"> By installing different inserts as for grooving and profiling, one single tool realizes various applications, it reduces the tool category. Grooving diameter 1.890~15.748inch. Grooving depth 0.394~1.181inch.
			<p>The little squirrel series QF□□□□L</p>  <p>P141</p>	
Recess machining	Recess and turning	<p>The little squirrel series QX□□□□□</p>  <p>P137</p>	<p>Grooving, Turning ZT□□□□</p> 	<ul style="list-style-type: none"> The unique tool for recess machining. Various recess machining can be realized, inserts specification is complete.
			<p>Profile turning ZR□□□□</p> 	
Tools for aviation and aerospace industries	External machining	<p>The little squirrel series QE□S□□-□□R/L</p>  <p>P136</p>	<p>The little squirrel series ZIG□□□</p> 	<ul style="list-style-type: none"> V-type locating, top clamping, precise locating, safe clamping. Normal square-ended inserts and precise square-ended inserts are suitable for adhesive. materials hard to machine such as Ni-base hightemperature alloy, Ti alloy and stainless steel, etc.
			<p>The little squirrel series ZIMF□□</p> 