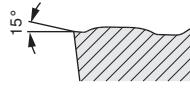
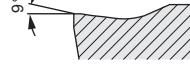


# Chip grooves for positive inserts

<b>-CF05</b>	 <p>CCGT 09T308..</p> <ul style="list-style-type: none"> <li>○ Cermet: fine finishing grade (ground periphery)</li> <li>○ Good chip control</li> <li>○ High surface quality</li> <li>○ Low cutting forces</li> </ul>	 <p><math>a_p</math> [mm]      f [mm]</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Machining conditions</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td>CTEP110</td> <td></td> <td></td> </tr> <tr> <td>CTEP110</td> <td></td> <td></td> </tr> <tr> <td>CTEP110</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Machining conditions						CTEP110			CTEP110			CTEP110											
Machining conditions																											
CTEP110																											
CTEP110																											
CTEP110																											

<b>-SF</b>	 <p>CCGT 09T308..</p> <ul style="list-style-type: none"> <li>○ Finishing, profile turning</li> <li>○ Good chip control</li> <li>○ High surface quality</li> <li>○ Low cutting forces</li> </ul>	 <p><math>a_p</math> [mm]      f [mm]</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Machining conditions</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td>CTCP115 TCM407</td> <td>CTCP125 TCM10</td> <td>CTCP135</td> </tr> <tr> <td>CTCP125</td> <td>CTC2135</td> <td>CTC2135</td> </tr> <tr> <td></td> <td>CTCP125</td> <td>CTCP125</td> </tr> <tr> <td>CTCP125</td> <td>CTCP125</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Machining conditions						CTCP115 TCM407	CTCP125 TCM10	CTCP135	CTCP125	CTC2135	CTC2135		CTCP125	CTCP125	CTCP125	CTCP125				
Machining conditions																								
CTCP115 TCM407	CTCP125 TCM10	CTCP135																						
CTCP125	CTC2135	CTC2135																						
	CTCP125	CTCP125																						
CTCP125	CTCP125																							

<b>-F23</b>	 <p>CCGT 09T308..</p> <ul style="list-style-type: none"> <li>○ Finest finishing geometry (ground periphery)</li> <li>○ Very high surface quality</li> <li>○ Good repeatability</li> <li>○ Low depth of cut</li> </ul>	 <p><math>a_p</math> [mm]      f [mm]</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Machining conditions</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td>CTP2120</td> <td>CTP2120</td> <td></td> </tr> <tr> <td>CTP2120</td> <td></td> <td></td> </tr> <tr> <td>CTP2120</td> <td></td> <td></td> </tr> <tr> <td>CTP2120</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Machining conditions						CTP2120	CTP2120		CTP2120			CTP2120			CTP2120					
Machining conditions																								
CTP2120	CTP2120																							
CTP2120																								
CTP2120																								
CTP2120																								

<b>-CF55</b>	 <p>CCMT 09T308..</p> <ul style="list-style-type: none"> <li>○ Cermet: finishing to medium machining</li> <li>○ Low cutting forces</li> <li>○ Good chip control</li> <li>○ High surface quality</li> </ul>	 <p><math>a_p</math> [mm]      f [mm]</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Machining conditions</th> </tr> <tr> <td></td> <td></td> <td></td> </tr> </thead> <tbody> <tr> <td>CTEP110</td> <td></td> <td></td> </tr> <tr> <td>CTEP110</td> <td></td> <td></td> </tr> <tr> <td>CTEP110</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Machining conditions						CTEP110			CTEP110			CTEP110								
Machining conditions																								
CTEP110																								
CTEP110																								
CTEP110																								