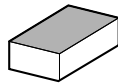
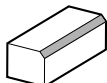
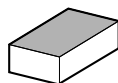
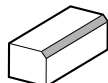

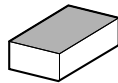
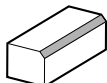
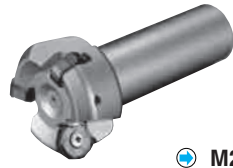
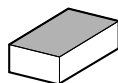
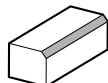

















# Product Lineup

## Corner Angle 45° / Corner Angle 15° type

Corner Angle	Application	Facing	Chamfering	Corner Angle	Application	Facing	Chamfering						
													
Shape				Shape									
45°	<b>MFPN45-R</b>  <ul style="list-style-type: none"> <li>● 10-edges pentagonal inserts</li> <li>● Double-sided pentagonal insert</li> <li>● Economical with 10-edge insert</li> <li>● Low cutting force due to herical cutting-edge design</li> <li>● Fractures suppressed with double-edge position</li> </ul> M21			45°	<b>MFPN45</b>  <ul style="list-style-type: none"> <li>● 10-edges pentagonal inserts</li> <li>● Double-sided pentagonal insert</li> <li>● Economical with 10-edge insert</li> <li>● Low cutting force due to herical cutting-edge design</li> <li>● Fractures suppressed with double-edge position</li> <li>● With ø32 cylindrical shank</li> </ul> M23								
	<b>MOF45-R</b>  <ul style="list-style-type: none"> <li>● Octagonal Insert</li> <li>● Economical with 8 edge insert (Octagonal)</li> <li>● Insert sizes are available in 05 and 07 types</li> <li>● Easy edge change</li> <li>● Silver coated</li> <li>● Insert max. external dia. matches cutter external dia.</li> </ul> M26				<b>MSD45</b>  <ul style="list-style-type: none"> <li>● Low cutting force</li> <li>● For small machines and M/C</li> <li>● For thin workpiece milling of Steel / Cast Iron, Anti-vibration</li> </ul> M35								
	<b>MOFX45-R</b>  <ul style="list-style-type: none"> <li>● Wedge clamp system is adopted</li> <li>● Excellent surface roughness by easy edge height adjustment</li> <li>● High cost performance provided by 8 edge insert</li> <li>● Cutter designed with high axial rake angle and double positive angle on chipbreaker provide low</li> <li>● Offering SH chipbreaker (for general purpose / low cutting force) and GT chipbreaker (Tough edge)</li> </ul> M28				<b>MSE45</b>  <ul style="list-style-type: none"> <li>● Low cutting force</li> <li>● For small machines and M/C</li> <li>● For thin workpiece milling of Steel / Cast Iron, Anti-vibration</li> </ul> M31								
	<b>MSE45-R (Standard / Multi-Edge)</b>  <ul style="list-style-type: none"> <li>● The insert is fixed by top clamp</li> <li>● Silver coated</li> <li>● Standard edge type and Multi-edge type</li> </ul> M30				<b>MSO45-S-09</b>  <ul style="list-style-type: none"> <li>● Cost reduction with screw clamp system and 09 size insert</li> <li>● Smaller insert for MSO45 series</li> </ul> M37								
	<b>MSE45-SF (Easy Edge Adjustment)</b>  <ul style="list-style-type: none"> <li>● A simplified adjusting mechanism eases the task of correcting cutting edge fluctuation</li> <li>● Silver coated</li> </ul> M32				<b>MSO45-S</b>  <ul style="list-style-type: none"> <li>● High efficiency cutting of Stainless steel</li> <li>● Stronger edge with Insert Thickness 3.97 mm</li> </ul> M36								
	<b>MSD45-R</b>  <ul style="list-style-type: none"> <li>● Low cutting force</li> <li>● For small machines and M/C</li> <li>● For thin workpiece milling of Steel / Cast Iron, Anti-Vibration</li> </ul> M35				<b>MSRS15-R</b>  <ul style="list-style-type: none"> <li>● For heavy milling</li> <li>● Max ap 12mm</li> <li>● Chip evacuation per unit time is increased drastically</li> </ul> M38								
	<b>MSO45-09</b>  <ul style="list-style-type: none"> <li>● Cost reduction with screw clamp system and 09 size insert</li> <li>● Screw clamping</li> </ul> M37							<b>MSP15-R</b>  <ul style="list-style-type: none"> <li>● Facing</li> <li>● Medium to roughing of Steel / Cast iron</li> </ul> M43					
	<b>MSO45-R</b>  <ul style="list-style-type: none"> <li>● Use insert with 13.494mm internal circumference</li> <li>● Insert max. external dia. matches cutter external dia.</li> </ul> M36							<b>MSP15</b>  <ul style="list-style-type: none"> <li>● Facing</li> <li>● Medium to roughing of Steel / Cast iron</li> </ul> M43					
										15°	<b>MSE15</b>  <ul style="list-style-type: none"> <li>● Low cutting force</li> <li>● For thin workpiece milling of Steel / Cast Iron, Anti-vibration</li> </ul> M43		

M



Milling