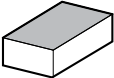

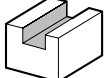
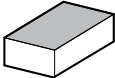

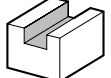




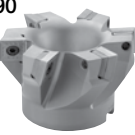
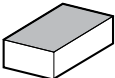

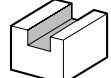
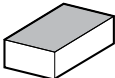

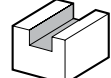









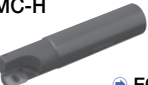








PRODUCT LINEUP

90° Lead Angles

Lead Angle	Applications	Facing	Shouldering	Slotting	Lead Angle	Applications	Facing	Shouldering	Slotting
									
0°	Shape				0°	Shape			
	MEC  E15	<ul style="list-style-type: none"> The twisted cutting edge improves cutting performance Smooth surface of shoulder Wall True 90° Corners The silver coating prevents chip wear on the tool body Available with coolant holes 				MSRS90  E54	<ul style="list-style-type: none"> Notched insert reduces cutting forces Stable cutting without chatter Neutral insert allows the possibility of various custom-ordered cutters 		
	MECX  E25	<ul style="list-style-type: none"> Efficient machining due to small diameter cutter that holds multiple inserts Recommended for small machines: low cutting force and high strength design The silver coating prevents chip wear on the tool body Available with coolant holes 					MTE90-SF (Easy Edge Adjustment)  E48	<ul style="list-style-type: none"> A simplified adjusting mechanism eases the task of correcting cutting edge fluctuation Silver coated 	
MSO90  E50	<ul style="list-style-type: none"> Highly efficient multiple insert design Safe design with shim Lower weight with slim design 								

90° Lead Angles

Lead Angle	Applications	Facing	Shouldering	Slotting	Lead Angle	Applications	Facing	Shouldering	Slotting
									
0°	Shape				0°	Shape			
	MEC  E12	<ul style="list-style-type: none"> High squareness Low cutting force The silver coating prevents chip wear on the tool body With air hole (Over Ø16) 				MSO90-S  E51	<ul style="list-style-type: none"> Screw clamping & 4-edge insert reduces cost Good chip evacuation Low cutting force 		
	MEC Modular  E17						MTE90  E49	<ul style="list-style-type: none"> Low cutting force For shouldering of Cast iron, Non-ferrous metals 	
	MECX  E24	<ul style="list-style-type: none"> Good squareness Small size Insert with multi-edge specification Low cutting force The silver coating prevents chip wear on the tool body With air hole 				MTP90  E49		<ul style="list-style-type: none"> Medium to roughing of steel / cast iron For small machines and M/C 	
	EM  E70	<ul style="list-style-type: none"> Extended length end mills 					DMC  E65	<ul style="list-style-type: none"> For small milling machine, M/C 	
	EM-LE  E71	<ul style="list-style-type: none"> Long edge end mill 				DMC-H  E67		<ul style="list-style-type: none"> High rake type For small milling machine, M/C 	
	FM-90  E72	<ul style="list-style-type: none"> Fixed pocket face mills 					DMC-SX  E66	<ul style="list-style-type: none"> For small milling machine, M/C 	
	FM-AL  E73	<ul style="list-style-type: none"> Aluminum cutting face mills Fixed pocket 				MTPS / MTES  E69		<ul style="list-style-type: none"> For small dia., Low cutting force type 	
EM-AL  E73				MEAL  E68	<ul style="list-style-type: none"> For aluminum alloys With air hole 				