



MOFX45

Applicable Inserts

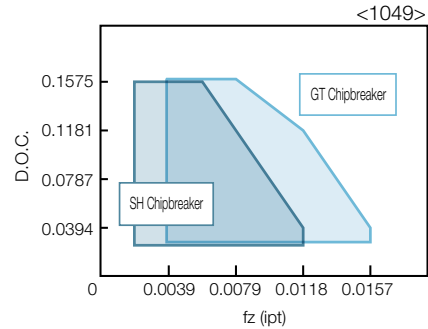
Part Number	Applicable Inserts B21	
		
MOFX45...-SF	OFMR 070405EN-SH	OFMR 070408EN-GT

Recommended Cutting Conditions **C15**

Note 1) OFMR070405EN-GT / SH is a neutral insert. It can be also used for Left-hand (L) cutter (special order item).

Note 2) Inserts for MOFX type cutter cannot be used for MOF type cutters (Ref. to page **C15**).

Chipbreaker Range

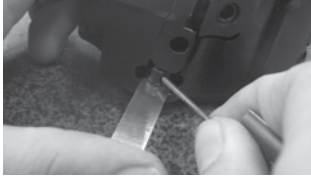



Max D.O.C. and Usable Edges


Usable Edges	Max. D.O.C.
	OFMR07 type
4 Edges (using 2 edges at the same time)	0.40"
8 Edges (using only 1 edge at a time)	0.16"


How to Adjust Edge Height

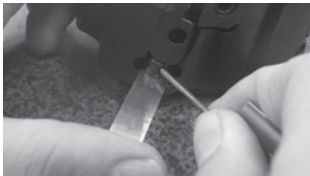
1. Set the edge height adjustment screw



 - Set the distance between the bottom of edge height adjustment screw and the cutter body to approximately 0.040".
2. Set the cartridge


 - Set the cartridge to the cutter body with the cartridge screw. Recommended torque: 5N·m
3. Set the wedge


 - After setting the insert to the cartridge, set the wedge with the wedge screw. Recommended torque: 6N·m
4. Loosen the screws (Preparation for edge fluctuation adjustment)


 - Loosen the wedge screw by approximately 10°.
 - Loosen the cartridge screw by approximately 45°.
5. Correct the edge height


 - Measure the front edge height. Using the most protruding insert as the reference, turn the edge height adjustment screw counterclockwise to raise the front edge height to match.
6. Make the final adjustment


 - Tighten the cartridge screw. Recommended torque: 5N·m
 - Tighten the wedge screw. Recommended torque: 6N·m
 - Measure the front edge height again.

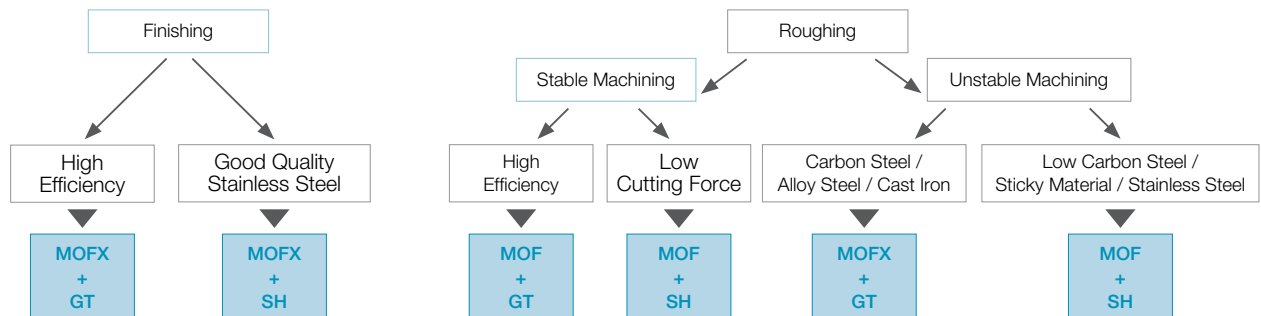
Outlines of MOFX / MOF Mill

MOFX

High durability of cutter body due to the cartridge design. Best for finishing due to easy edge height adjustment.

MOF (Ref. page **C14**)

Excellent chips evacuation when roughing sticky materials such as low carbon steel and stainless steel.



MOFX is great for high precision machining and unstable machining.

GRADES **A**
LINEUP / INSERTS **B**
45° / 70° LEAD **C**
75° LEAD **D**
90° LEAD **E**
HIGH FEED **F**
MULTI-FUNCTION **G**
SLOT MILLS **H**
RADIUS / BALL-NOSE **J**
OTHER APPLICATIONS **K**
TOOL HOLDING **O**
SPARE PARTS **P**
TECHNICAL **R**
INDEX **T**