



Facing

Face Mill for Heavy Milling MSRS

MonSteR Square Mill

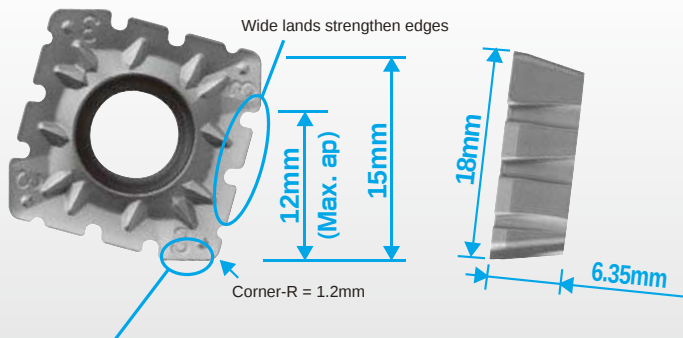


Square (4 Corners) type MSR Face Mill

**Roughing is processed in one pass.
MSRS type changes heavy cutting! (Max. ap is 12 mm)**

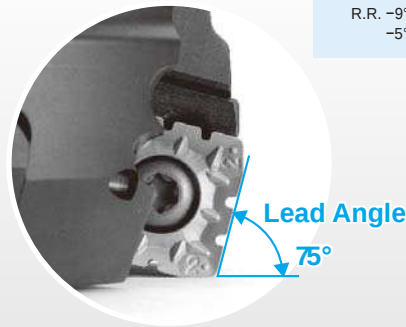
Large depth of cut and high feed rate achieve high efficiency machining.

- Recommended ap: 5~10mm



Large wiper edges achieve high feed rate.

Inserts are strengthened with 6.35mm width.



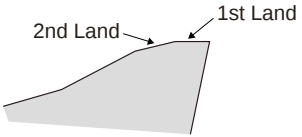
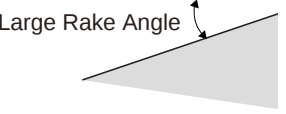
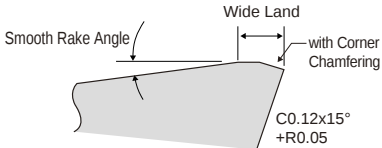
A.R. +9°
R.R. -9°(ø80)
-5°(more than ø100)

MSRS type

The amount of chip evacuation per unit time is increased considerably.



- Selection of chipbreaker

	Low Cutting Force Oriented	General Purpose	Edge Strength Oriented
Type	 NB2P (4 Notches) NB3P (5 Notches)	 NB2 (2 Notches) NB3 (3 Notches)	 NB2T (2 Notches) NB3T (3 Notches)
Application	Ideal when using long arbor type or for machining of thin-plate workpieces	General purpose type with well balance of strength and resistance	Ideal for interrupted cutting and high load cutting Ideal when feed rate is increased or work-piece material is Cast Iron
Edge preparation	As many as four (or five) Notches help to alleviate the shock when biting into the workpiece 	Strength, edge and chip control are all well balance 	Strength is increased by the edge shape and moderate rake angle of the chamfer edge 

A supplemental chipbreaker is used when it is necessary to increase strength and bite while focusing on resistance, as when machining welded areas.



- About insert no. of NB2P (4 Notches) and NB3P (5 Notches)
In order to adjust applicable inserts on marked numbers on tool holders, "2+" is marked for NB2P (4 Notches) and "3+" is marked on NB3P (5 Notches).

M



Milling