

MSRS15 HEAVY MILLING FACE MILL



MonSteR Square Mill

Square (4-edge) type MSRS15 Face Mill



Conventional Tools

Metal Removal Rate
Drastically Increased



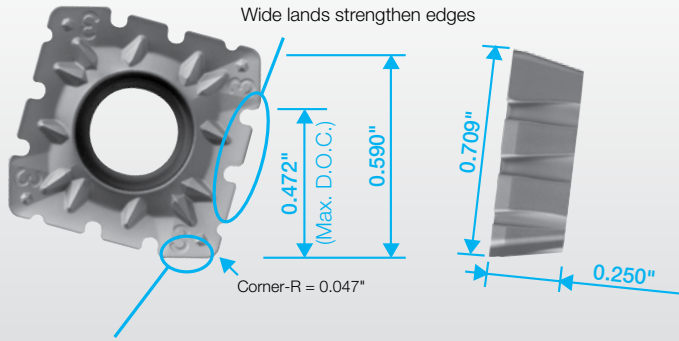
MSRS15

D
75° LEAD

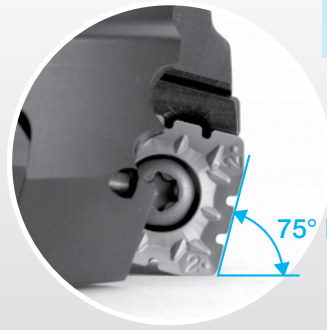
Roughing Takes Place in One Pass (Max. D.O.C. 0.472")

Large depths of cut and high feed rates improve metal removal efficiency

- Recommended D.O.C. : 5mm~10mm (0.200"~0.400")



A.R. +9°
R.R. -9° (ø80mm)
-5° (> ø100mm)



Large wiper edges enable increased feed rates.

Strong inserts due to 6.35mm (0.250") thickness.

Chipbreaker Selection

	Low Cutting Force Oriented	General Purpose	Edge Strength Oriented
Insert Type	NB2P (4-Notched) + NB3P (5-Notched)	NB2 (2-Notched) + NB3 (3-Notched)	NB2T (2-Notched) + NB3T (3-Notched)
Applications	Ideal when using extended arbors or for cutting thin plate workpieces	General purpose with good balance of strength and low cutting resistance	Ideal for interrupted cutting Ideal when feed rate is increased or workpiece material is Cast Iron
Edge Preparation	As many as four (or five) Notches help to alleviate the shock when biting into the workpiece	Strength, cutting resistance, and chip control are all well balanced	Strength is increased by the edge shape and moderate rake angle of the chamfer edge

A supplemental chipbreaker may be used when it is necessary to increase strength and bite while focusing on low cutting resistance, as when machining increased areas.



Insert Number - NB2P (4-Notched) and NB3P (5-Notched)

In order to match each insert with the corresponding insert pocket of the milling cutter, "2" is marked for NB2P insert (4-Notched) and "3" is marked on NB3P insert (5-Notched).