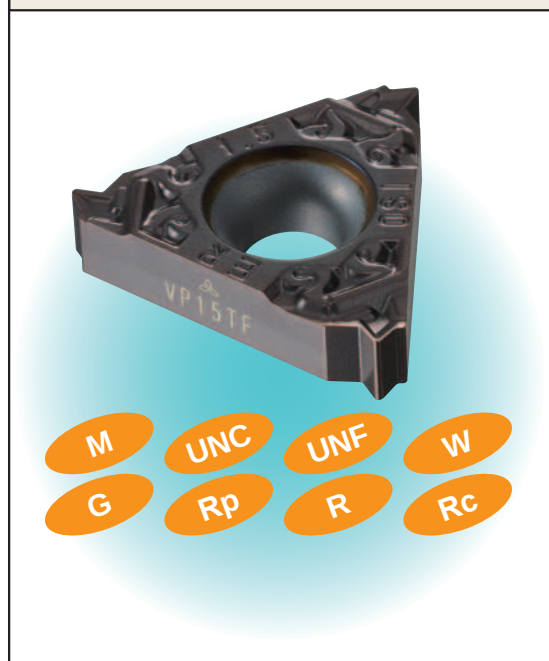


FEATURES OF MMT SERIES

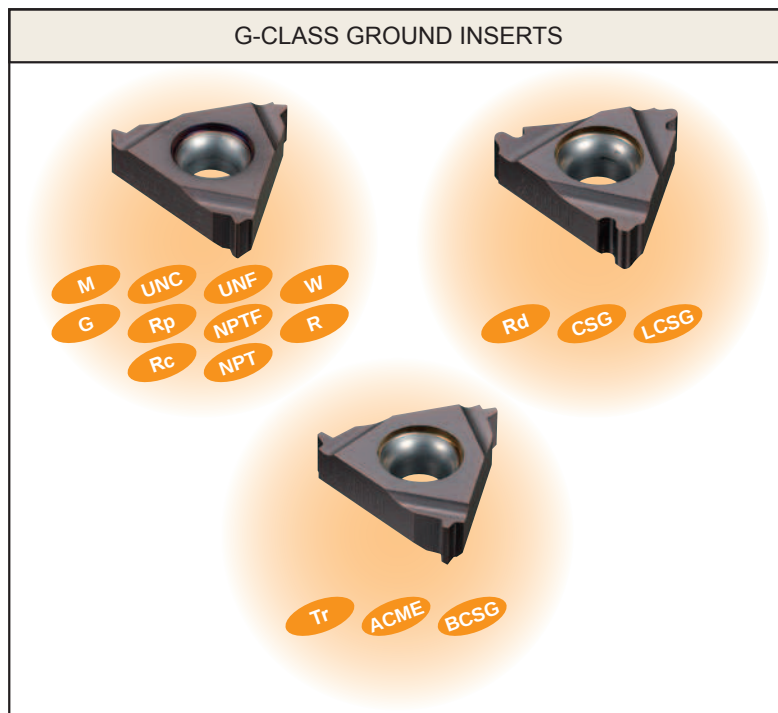
A WIDE VARIETY OF PRODUCTS

Mitsubishi Miracle Threading (MMT) series.

M-CLASS INSERTS WITH 3-D CHIP BREAKERS

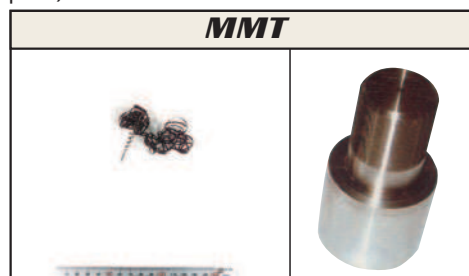
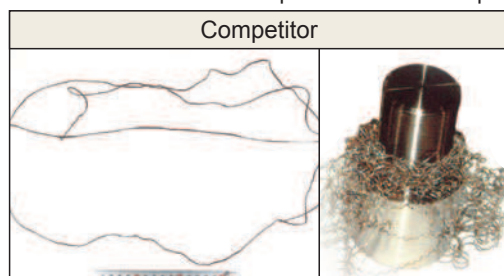


G-CLASS GROUND INSERTS



IDEAL CHIP CONTROL EVEN IN THE LATTER HALF OF PASSES WHEN CONTINUOUS CHIPS ARE USUALLY PRODUCED. (M-CLASS INSERTS WITH 3-D CHIP BREAKERS)

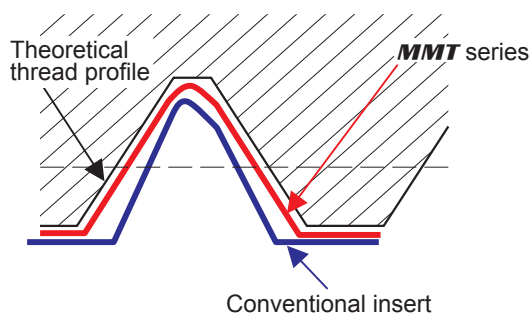
ISO metric external thread pitch 1.5mm Final pass (6th pass)



<Cutting Conditions>

Workpiece : DIN 41CrMo4
Insert : MMT16ER150ISO-S
Grade : VP15TF
Cutting speed : 120m/min
Cutting method : Radial Infeed
Depth of cut : Fixed cut area
Pass : 6 times
Coolant : Wet

A HIGHER LEVEL OF PRECISION THAN CONVENTIONAL INSERTS (G-CLASS GROUND INSERTS)



High precision threading can be achieved by using MMT inserts that feature a ground rake face and peripheral cutting edge.

Thread Type	Threading Tolerance
ISO Metric	6g / 6H
American UN	2A / 2B
Whitworth for BSW, BSP	Medium Class A
BSPT	Standard BSPT
Round DIN 405	7h / 7H
ISO Trapezoidal 30°	7e / 7H
American ACME	3G
UNJ	3A
API Buttress Casing	Standard API
API Rounded Casing & Tubing	Standard API RD
American NPT	Standard NPT
American NPTF	Class2