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**Mitsubishi Materials is proud to announce the
Expansion of MVX Drills**

40mm Shanks for Ø42mm to Ø63mm



Technical Information

- Economical insert with 4 cutting edges.
- Unique insert design includes a wavy design chip breaker which provides excellent chip control.
- Insert design includes a wiper type geometry; this will help achieve excellent wall accuracy.
- CVD grades MC1020 and MC5020 are recommended for the periphery position for higher speeds and wear resistance.
- PVD grade VP15TF is recommended for the center position suitable for lower speeds while providing fracture resistance.
- The above recommended insert positions control deformation, vibration and enabling maximum drill depth of 6xD.
- Drill body has increased surface hardness providing high rigidity, resistance of deformation and abrasion.
- Extra body thickness behind inner edge helps resist principal forces preventing twisting and deformation.
- Inclined through coolant holes improve chip evacuation and maintain coolant pressure.
- For further information, please view our MVX brochure - B202A.

Applications to Target

- Drilling in mild, carbon and alloy steels, austenitic stainless steels, ductile and cast irons.
- Drilling of open and blind holes along with angled or radial surfaces.
- Unconventional internal and external turning applications.

Competitors to Target

- Sandvik - CoroDrill 880
- SECO - Perfomax
- Ingersoll - T-Cap
- Sumitomo - WDX
- Kennametal - DFS