

MS PLUS END MILLS SERIES EXPANSION

The MS Plus series of general purpose solid carbide end mills has recently been expanded to include 2 additional types. The new types are a medium cutting length, the MPMHV and a short cutting length - the MPSHV. Both types feature a special reduced neck diameter. This prevents the neck interfering with the workpiece, enables greater depths of cut and permits longer reach applications. Both types are available in diameters 6mm through to 20mm and in cylindrical or Weldon shanks.

Versatility through technology

Yesterdays high end technology naturally feeds down and benefits so called general purpose products such as the MS Plus range. The technology now inherent in these end mills allows them to remain in the tool magazine and be used for many consecutive and differing jobs, thereby reducing tool inventory.

Anti vibration geometry

Use of irregular pitch flutes with varied helix angles significantly reduces the occurrence of vibration which leads to an increase in reliability and productivity. In addition to the irregular helix design, flutes with a wide chip pocket for improved chip disposal are used across the range. This feature is especially useful when full width slot machining.

Advanced coating and substrate technology

The multi-layered MS coating technology (Al, Ti, Cr)N, coupled with the reliable micro-grain carbide substrate used across the whole range provides outstanding tool life, is highly resistant to chipping and gives the performance needed for a versatile range of applications, as well as specific high production needs. This provides the MS Plus end mills with the ability to reliably machine a wide range of workpiece materials up to 55HRC, as well as perform across a wide range of different cutting modes.

MPSHV

4 flute, short cut length,
irregular helix

NECK RELIEF TYPE 2.5 X DC

Ø6, Ø8, Ø10, Ø12, Ø16, Ø20

MPMHV

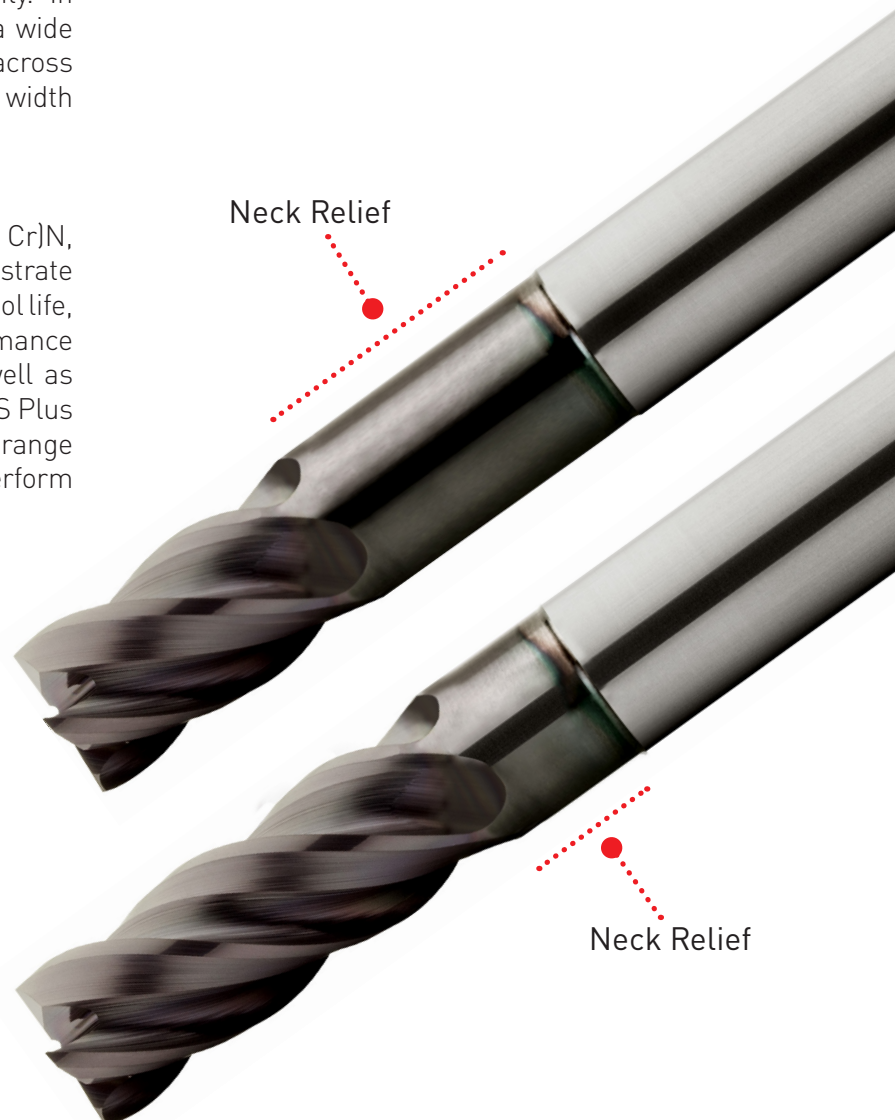
4 flute, medium cut length,
Irregular helix

NECK RELIEF TYPE 2.5 X DC

Ø6, Ø8, Ø10, Ø12, Ø16, Ø20



MS Plus end mill series



Neck Relief

Neck Relief