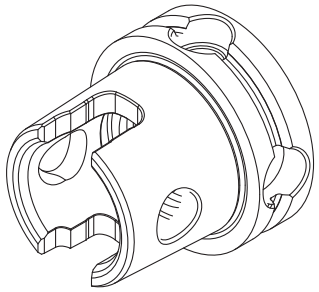
Kennametal's KM tooling system comes in several different varieties. The size is defined by the tool change flange diameter. For example, KM63 holders have a 63mm diameter flange.

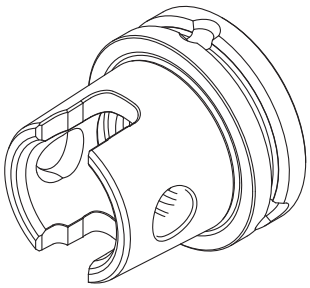


KM ISO (KM TS™)

This KM form is a published standard under ISO 26622-1:2017

Sizes: KM32, KM40, KM50, KM63, KM80, KM100

Notable features: Four circular features on tool change flange.

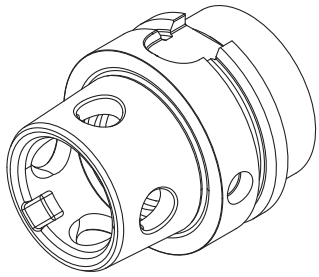


KM XMZ™

KM XMZ™ is used on Mazak® Integrex Machines

Sizes: KM63XMZ™

Notable features: Three circular features on tool change flange spaced 120° apart.

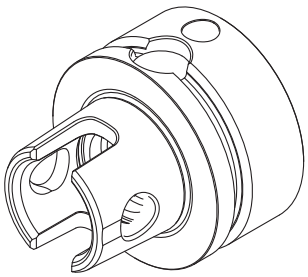


KM 4X™

KM 4X™ is a newer version of the KM taper designed for higher clamping forces.

Sizes: KM4X63™, KM4X100™

Notable features: Four ball-track holes on taper, flange identical to equivalent HSK size.

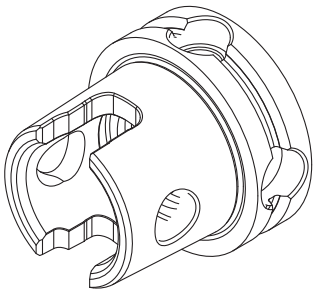


KM NTC

KM NTC is often used by Japanese automotive manufacturers. Most common size is KM6350.

Sizes: KM5040, KM6350, KM10050, KM10080, KM100100

Notable features: Reduced taper diameter relative to flange.



KM ATC™

KM ATC™ is typically found on Giddings and Lewis VTL machines.

Sizes: KM80ATC™

Notable features: Four circular features on tool change flange.

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