



Tool mount

Type: WK 19-16/25 , with clamp groove

Item no. 21952450

HF spindle for high-speed milling, grinding, drilling, engraving.

Tool taper

Tool taper [WK]	19 mm
Tool taper clamping depth [L3]	45 mm

Collet

ER11	DIN ISO 15488 - B 11
	Optional accessories
Clamping diameter [D]	> 1 mm < 7 mm
Clockwise	

Clamping nut

ER11	DIN ISO 15488 - D 11
	included
Clamping nut diameter [d1]	16 mm

Grade

Concentricity	< 3 μ
Balance	DIN ISO 1940 - G 2,5

Dimensions

Length [L1]	23,2 mm
Center of clamp groove [L2]	3,75 mm
Clamp length [L4]	7 mm
Outer diameter [d2]	32 mm
Clamp diameter [d3]	34,5 mm
Ball [K]	3 mm

Material

Steel