

SHOWA SKM TOOL SYSTEM

TOOL HOLDERS
FOR MULTI-TASKING MACHINE

POINT

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Features

High rigidity

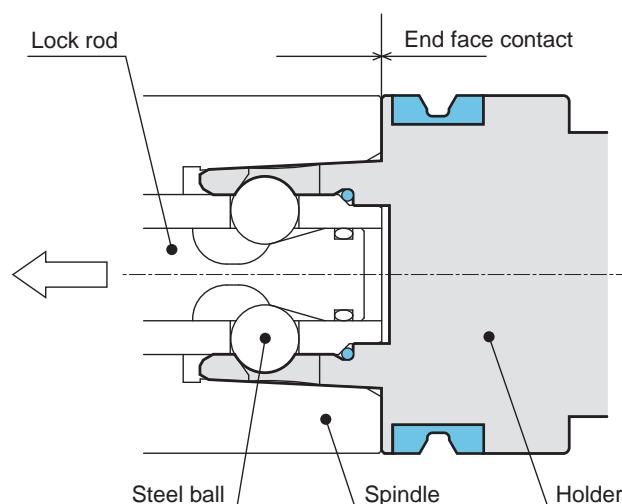
SKM's hollow shank is deliberately thin and flexible, so it expands more than the socket of spindle and tightens when rotating at high speed. As the drawbar retracts, it expands the collet and pulls the shank back into the socket, compressing the shank until the flange seats against the front of the socket. This provides a stiff, repeatable connection more than BT shank.

High-precision Machining

By a combination of axial clamping forces and taper-shank interference, positioning repeatability improves higher than BT shank, enabling high precision machining.

High Speed Machining

There is no subduction in the high-speed machining because all from holder to clamp unit are in symmetrical shape.



SKM Tool line up

MICRON CHUCK



SKM63XMZ-HPC03H -90Y-D
 SKM63XMZ-HPC04H -90Y-D
 SKM63XMZ-HPC06H -90Y-D
 SKM63XMZ-HPC08H -90Y-D
 SKM63XMZ-HPC10H -90Y-D
 SKM63XMZ-HPC12H -90Y-D
 SKM63XMZ-HPC20 -90Y-D
 SKM63XMZ-HPC25 -105Y-D
 SKM63XMZ-HPC32 -105Y-D

COLLET CHUCK



SKM63XMZ-ER11 -60Y-D	
SKM63XMZ-ER11 -90Y-D	
SKM63XMZ-ER11 -120Y-D	
SKM63XMZ-ER16 -60Y-D	
SKM63XMZ-ER16 -90Y-D	SKM63XMZ-ER32 -60Y-D
SKM63XMZ-ER16 -120Y-D	SKM63XMZ-ER32 -90Y-D
SKM63XMZ-ER25 -60Y-D	SKM63XMZ-ER32 -120Y-D
SKM63XMZ-ER25 -90Y-D	SKM63XMZ-ER40 -60Y-D
SKM63XMZ-ER25 -120Y-D	SKM63XMZ-ER40 -90Y-D

END MILL HOLDER



SKM63XMZ-EM16-60Y-D
 SKM63XMZ-EM20-60Y-D
 SKM63XMZ-EM25-80Y-D
 SKM63XMZ-EM32-90Y-D

MORSE TAPER HOLDER



SKM63XMZ-MTA1-120Y-D
 SKM63XMZ-MTA2-120Y-D
 SKM63XMZ-MTA3-125Y-D

FACE MILL ARBORS



SKM63XMZ-FMA25.4 -45Y-D
 SKM63XMZ-FMA31.75 -45Y-D
 SKM63XMZ-FMC22 -45Y-D
 SKM63XMZ-FMC27 -45Y-D
 SKM63XMZ-FMC32 -45Y-D