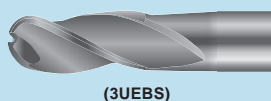


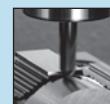
Ball-nose end mill

L24-L27

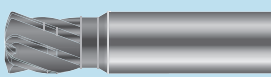


(3UEBS)

Ball-nose end mill with 2 / 3 / 4 flutes.



L24-L25



(6PDRS)

High efficiency radius. Enables large cutting volume and high efficiency cutting with special corner-radius shape. Ramping and arc cutting are possible.

L26

Hardened metals

L28-L29



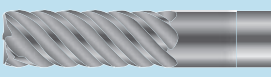
MEGACOAT Hard is applied



(HFS)

New PVD coating MEGACOAT Hard for hardened metals is applied. Large core diameter and negative rake angle improves edge strength. Helix angle 45 degrees. High efficiency cutting and long tool life with wide range of 4, 5, 6, 7 and 8 flute types.

L28



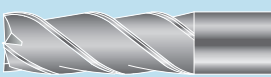
(UGS)

For hardened metals with negative rake angle. Helix angle is 50 degrees.

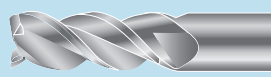
L29

Aluminum & Non-ferrous metals

L30-L32



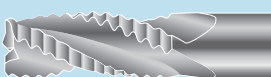
(3NESM)



(3NFSM)

NES type realizes good surface finish with wiper cutting edge. Varied interval flute design prevents chattering and improves cutting efficiency and surface finish quality of side wall of workpiece. MFS type improves chip evacuation owing to special rake face design and 45 degree helix angle.

L30-L31



(3AESM)

Roughing endmill for high efficiency cutting of aluminum and non-ferrous metals.

L32

