

MECH

Cutting Performance (Used Machine: Machining center equivalent to AC15 / 18.5kw)

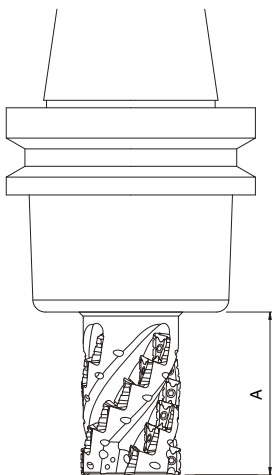
MECH Endmill Type

2 Flute Type

[Workpiece Material: C50 (S50C)]

Cutting Dia.	Description	Overhang Length A (mm)
ø25	MECH025-S25-11-4-2T MECH025-W25-11-4-2T	48
ø32	MECH032-S32-11-5-2T MECH032-W32-11-5-2T MECH032-S32-11-5-4T MECH032-W32-11-5-4T	57
ø40	MECH040-S32-11-6-4T MECH040-W32-11-6-4T MECH040-S42-11-6-4T	65
ø50	MECH050-S42-11-7-4T MECH050-W40-11-7-4T MECH050-S42-11-7-6T MECH050-W40-11-7-6T	76
ø40	MECH040-S32-17-4-2T MECH040-W32-17-4-2T MECH040-S42-17-4-2T	74
ø50	MECH050-S42-17-5-4T MECH050-W40-17-5-4T	89

Shape



Description	Shouldering	Slotting
	Cutting speed: Vc=100~180m/min Feed Rate: fz=0.08~0.15mm/t	Cutting speed: Vc=100~120m/min Feed Rate: fz=0.08~0.12mm/t
MECH025-S25-11-4-2T MECH025-W25-11-4-2T		
MECH032-S32-11-5-2T MECH032-W32-11-5-2T		
MECH040-S32-17-4-2T MECH040-S42-17-4-2T MECH040-W32-17-4-2T		

4 Flute / 6 Flute Type

MECH032-S32-11-5-4T MECH032-W32-11-5-4T	
MECH040-S32-11-6-4T MECH040-W32-11-6-4T MECH040-W32-11-6-4T	
MECH050-S42-11-7-4T MECH050-W40-11-7-4T	
MECH050-S42-11-7-6T MECH050-W40-11-7-6T	
MECH050-S42-17-5-4T MECH050-W40-17-5-4T	

4 Flute / 6 Flute Type are not recommended for Slotting.

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Milling