

## RATCHET CUTTERS

Due to the conical profile form of the ratchet cutter, saw tooth profiles with a negative profile can be manufactured. As the flank angle can be defined (Type N or Type T), the movement of the instrument's ratchet can influence the optimal application. Offsetting the tooth rows enables the manufacture of a pointed tooth profile on the work piece.



### STANDARD CUTTERS - HSS-E

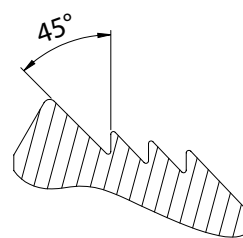
- Dimensions: Outside diameter 43-46 mm  
Diameter of bore 13 H7
- Clamping: Longitudinal and lateral slot
- Gearing: Straight toothed, 12 flutes
- Type: Radial and axial fine relief-turned
- Form: Typ N

Pitch (mm)	Number of ratchets (without cutter)						
	1	2	3	4	5	6	7
1,5	✓	✓	✓	✓	✓	x	x
1,75	✓	✓	✓	✓	✓	x	x
2,0	✓	✓	✓	✓	✓	✓	✓
2,25	✓	✓	✓	✓	✓	✓	✓
2,5	✓	✓	✓	✓	✓	✓	✓
2,75	✓	✓	✓	✓	✓	✓	✓
3,0	✓	✓	✓	✓	✓	✓	✓

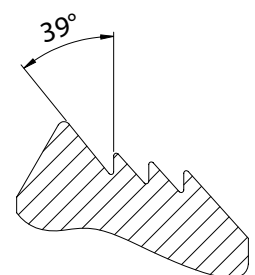
✓ Standard version. Please indicate pitch, number of ratchets and type when you place your order.

x Technical producibility is checked on request.

Typ N



Typ T



### SPECIAL DESIGN

- Material : HSS-E / VHM
- Form: According to sample or drawing
- Fixture: Bore
- Clamping: With longitudinal and lateral slot
- Gearing: Straight toothed or helical toothed
- Type: Fine relief-turned
- Special features: Runout

