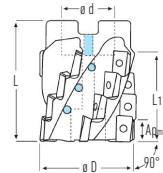


Helical end mill

F1160, F1260

- for milling embedded surfaces with greater depth
- suitable for high material removals
- they are mainly used as roughing tools
- it is necessary to pay attention to the stability of the machine, the state of spindle, the removal of chips, tool clamping, machine performance
- internal cooling



Arbour mounting

Order code	Dimensions (mm)						Insert	Insert screw	Key	Stock
	D	d	L	L ₁	A _{pmax}	Z				
F1160.40.N16.50.37.Z3.C	40	16	50	37	10	3*4	APKT10	VT25	BT08	<input type="radio"/>
F1160.50.N22.60.46.Z3.C	50	22	60	46	10	3*5				<input type="radio"/>
F1160.63.N27.60.46.Z4.C	63	27	60	46	10	4*5				<input type="radio"/>
F1260.50.N27.56.30.Z3.C	50	27	56	30	16	3*2	APKT16	VT40	BT15	<input type="radio"/>
F1260.63.N27.60.44.Z4.C	63	27	60	44	16	4*3				<input type="radio"/>
F1260.80.N32.60.44.Z5.C	80	32	60	44	16	5*3				<input type="radio"/>
F1260.100.N40.60.44.Z6.C	100	40	60	44	16	6*3				<input type="radio"/>

= available under request

Overview of suitable inserts

Order code	P	M	K	N	S	H
APKT 1003PDR-S PMK19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
APKT 1003PDR-S PK19	<input type="radio"/>		<input type="radio"/>			
APKT 1003PDR-S PM19	<input type="radio"/>	<input type="radio"/>				
APKT 1003PDR-M PMK20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
APKT 1003PDF-IT AL19				<input type="radio"/>		
APKT 1604PDR-S PMK19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
APKT 1604PDR-S PK19	<input type="radio"/>		<input type="radio"/>			
APKT 1604PDR-S PM19	<input type="radio"/>	<input type="radio"/>				
APKT 1604PDR-M PMK20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			

= available under request

Helical end mill

F1160, F1260



Recommended cutting conditions

		APKT10				Feed fz (mm/t)	Chip depth Ap (mm)
		Coated insert			AL19		
		PK19	PM19	PMK19			
		Cutting speed Vc (m/min.)					
P	Steel	180-280	110-120	100-170	100-170	0,05-0,30	0,5-4,0
M	Stainless steel		90-160	70-130	70-130	0,05-0,30	0,5-4,0
K	Cast iron	160-270		120-230	120-230	0,05-0,30	0,5-4,0
N	Aluminium and non ferrous				300-500	0,06-0,20	0,5-4,0

Recommended cutting conditions

		APKT16				Feed fz (mm/t)	Chip depth Ap (mm)
		Coated insert			AL19		
		PK19	PM19	PMK19			
		Cutting speed Vc (m/min.)					
P	Steel	180-280	110-120	100-170	100-170	0,05-0,30	0,1-7,0
M	Stainless steel		90-160	70-130	70-130	0,05-0,30	0,1-7,0
K	Cast iron	160-270		120-230	120-230	0,05-0,30	0,1-7,0