

# PTN 直角端銑刀 SHOULDER / CUTTING END MILLS (PTN)

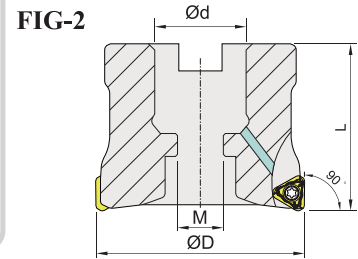
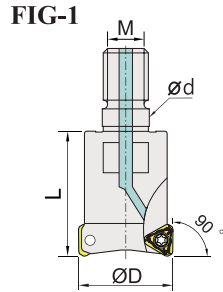
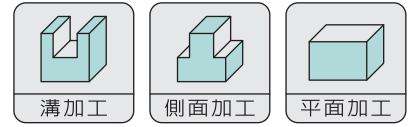


FIG-1 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	d	L	M				
<b>NEW</b> PTN10-202-MD18	PTN10-202-AMD18	20	10.5	26	M10	2	TNGX1004..	①	0.07
<b>NEW</b> PTN10-203-MD18	PTN10-203-AMD18					3			0.07
<b>NEW</b> PTN10-212-MD18	PTN10-212-AMD18	21	10.5	26	M10	2			0.07
<b>NEW</b> PTN10-213-MD18	PTN10-213-AMD18					3			0.07
<b>NEW</b> PTN10-254-MD23	PTN10-254-AMD23	25	12.5	33	M12	4			0.12
<b>NEW</b> PTN10-264-MD23	PTN10-264-AMD23	26				4			0.12
<b>NEW</b> PTN10-325-MD29	PTN10-325-AMD29	32	17	43	M16	5			0.26
<b>NEW</b> PTN10-335-MD29	PTN10-335-AMD29	33				5			0.26

Metric

FIG-2 Item code		Dimensions,mm				Teeth	Insert	Spare parts	Weight Kg
無水孔Non-coolant	水孔Coolant	D	d	L	M				
<b>NEW</b> PTN10-04006-16.0	PTN10-04006-A16.0	40	16.0	40	8.5	6	TNGX1004..	①	0.25
<b>NEW</b> PTN10-05007-22.0	PTN10-05007-A22.0	50	22.0	40	11	7			0.38
<b>NEW</b> PTN10-06309-22.0	PTN10-06309-A22.0	63	22.0	40	11	9			0.79
<b>NEW</b> PTN10-08010-27.0	PTN10-08010-A27.0	80	27.0	50	13	10			1.20

Insert	Spare parts	Screw 	Wrench 
TNGX1004..	①	MS2507E	ETF08

內徑車刀  
BORING BARS

外徑車刀  
TOOLHOLDERS

牙刀 & 開槽刀  
THREADING & GROOVING

銑刀  
MILLING

孔加工  
BORING TOOLS COMPONENTS

配件  
SPARE PARTS