



FIG-1

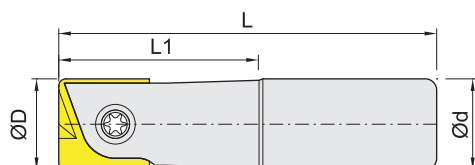
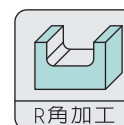
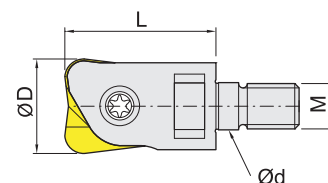


FIG-2



內徑車刀
BORING BARS

外徑車刀
TOOL HOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

銑刀
MILLING

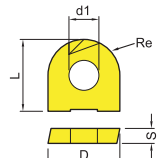
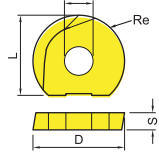
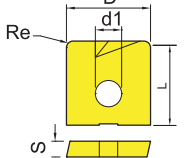
孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

FIG-1 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	L1					
GWV12-S12-150	12	12	150	30	1	WPV 12-N-Slst	MGR5012	ETL20	0.13
GWV16-S16-150	16	16	150	35	1	WPV 16-N-Slst	MGR5016	ETL20	0.24
GWV16-S16-200	16	16	200	35	1				0.32
GWV20-S20-150	20	20	150	40	1	WPV 20-N-Slst	MGR5020	ETL20	0.37
GWV20-S20-200	20	20	200	40	1				0.49

FIG-2 Item code	Dimensions,mm				Teeth	Insert	Screw	Wrench	Weight Kg
	D	d	L	M					
GWV20-MD18	20	10.5	30	M10	1	WPV 20-N-Slst	MGR5020	ETL20	0.07
GWV25-MD23	25	12.5	40	M12	1	WPV 25-N-Slst	MGR6025	ETL30	0.15

被切削材 Workpiece material	Steel 鋼	P	●
	Stainless steel 不銹鋼	M	●
	Cast iron 鑄鐵	K	●
	Non-ferrous metal 非鐵金屬	N	

Insert Shape	Description	GRADE 材質	Dimensions,mm					
		Coated 塗層						
		GA45	D ⁺⁰ _{-0.03}	S	d1	L	Re	
 D08-D12	WGRMT-D08-FR	●	8	2.0	3	9.5	4.0	
	WGRMT-D10-FR	●	10	2.5	4	11.5	5.0	
	WGRMT-D12-FR	●	12	2.5	5	12.0	6.0	
 D16-D30	WGRMT-D16-FR	●	16	3.0	5	14.0	8.0	
	WGRMT-D20-FR	●	20	3.0	5	16.0	10.0	
	WGRMT-D25-FR	●	25	4.0	6	21.5	12.5	
	WGRMT-D30-FR	●	30	5.0	8	25.0	15.0	
	WGRMT-D32-FR	○	32	5.0	8	26.0	16.0	
 WHK	WPV 12-N-Slst	●	12	2.5	5	14.0	1.0	
	WPV 16-N-Slst	●	16	3.0	5	16.0	1.0	
	WPV 20-N-Slst	●	20	3.0	5	18.0	1.6	
	WPV 25-N-Slst		25	4.0	6	23.5	2.0	