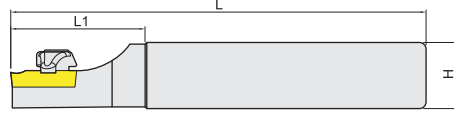
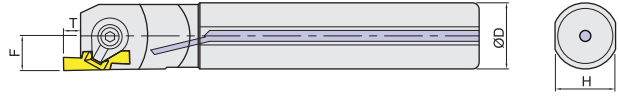
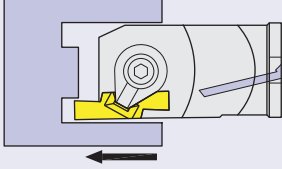




GIVFR

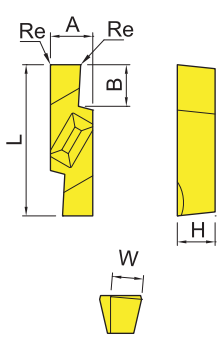


Coolant steel shank (right shown)
中心出水鋼柄 右向示意圖

Item code		Dimensions,mm							端面切槽外徑 ØD1 Face grooving diameter		Insert	Clamp	Wrench	Weight Kg
無水孔Non-coolant	水孔Coolant	ØD	F	T	L	L1	H	min	max					
GIVFR-1816Q-A	GIVFR-A1816Q-A	16	8.5	2.9	180	30	15	18	∞	GVFR...A	CPS5V	ETF15	0.28	
GIVFR-2220Q-B	GIVFR-A2220Q-B	20	10.5	5.1	180	40	18	22	∞	GVFR...B	CPS6F	PL30	0.49	
GIVFR-2825R-B	GIVFR-A2825R-B	25	13	5.1	200	45	23	28	∞		CPS6V			0.77
GIVFR-3532S-B	GIVFR-A3532S-B	32	16.5	5.1	250	45	30	35(25)	∞				1.58	

※ () 為端面切槽外徑值MIN~MAX進行切槽加工後，將槽寬向中心方向擴大，芯核的最小直徑
 ※ () When face grooving diameter is smaller than ØD1 25, toolholder will interfere with workpiece.

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		W	*B	A	L	H	Re	
		TC40	KW10							
	GVFR 200A	○	○	2.0	2.3	4.3	12	4.5	0.2	
	250A	○	○	2.5	2.3	4.3	12	4.5	0.2	
	250B	●	●	2.5	4.8	5.8	20	5	0.2	
	300B	●	●	3.0	4.8	5.8	20	5	0.2	
	350B	●	●	3.5	4.8	5.8	20	5	0.2	
	400B	●	●	4.0	5.3	5.8	20	5	0.2	
	430B			4.3	5.3	5.8	20	5	0.2	
	460B			4.6	5.3	5.8	20	5	0.2	
	490B			4.9	5.3	5.8	20	5	0.2	

※ B尺寸表示最大加工深度(Dimension B shows max grooving depth)