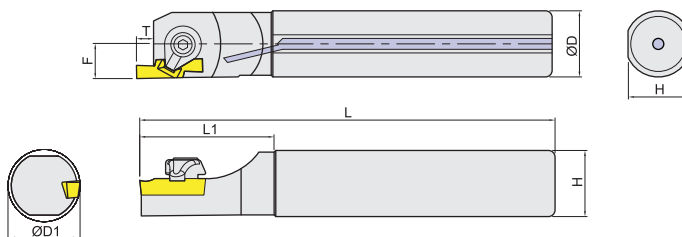
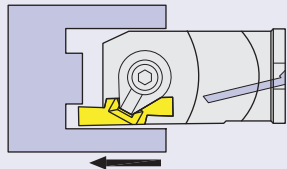


GIVFR



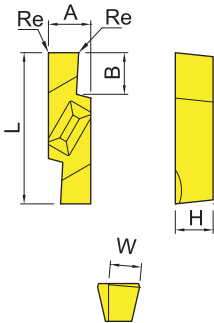
Coolant steel shank (Right-hand shown)
中心出水鋼柄 右向示意圖

Steel shank 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						
		Cermet 金屬陶瓷	Uncoated 無塗層	W	※B	A	L	H	Re	
		TC40	KW10							
	GVFR 200-020A	○	○	2.0	2.3	4.3	12	4.5	0.2	
	250-020A	○	○	2.5	2.3	4.3	12	4.5	0.2	
	250-020B	●	●	2.5	4.8	5.8	20	5	0.2	
	300-020B	●	●	3.0	4.8	5.8	20	5	0.2	
	350-020B	●	●	3.5	4.8	5.8	20	5	0.2	
	400-020B	●	●	4.0	5.3	5.8	20	5	0.2	
	430-020B			4.3	5.3	5.8	20	5	0.2	
	460-020B			4.6	5.3	5.8	20	5	0.2	
	490-020B			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)