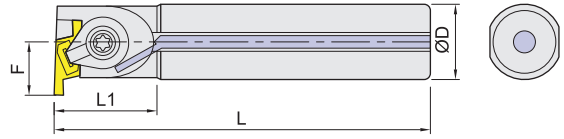
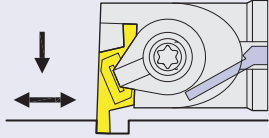
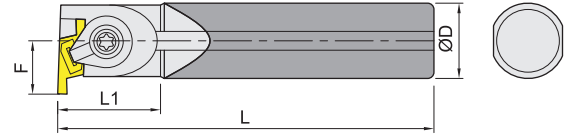


GIVR



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



Carbide shank (Right-hand shown)
鎢鋼柄 右向示意圖

Steel shank Item code		Dimensions,mm					Insert	Clamp	Wrench	Weight Kg	
無水孔 Non-coolant	水孔Coolant	D	L	L1	F	dmin					
GIVR-1108K-1SS	GIVR-A1108K-1SS	08	125	20	7	11	GVR...SS	GVR100SS~300SS	CPS4V	ETF10	0.05
GIVR-1310K-1S	GIVR-A1310K-1S	10	125	25	8	14	GVR...S	GVR100S~340S	CPS5F-1		0.08
GIVR-1512M-1A	GIVR-A1512M-1A	12	150	30	9	15	GVR...A	GVR100A~340A	CPS5F		0.15
GIVR-2016Q-1A	GIVR-A2016Q-1A	16	180	35	11	20	GVR...A	GVR100A~340A	CPS5V		0.28
GIVR-2520R-1B	GIVR-A2520R-1B	20	200	40	14	25	GVR...B	GVR145B~400B	CPS5V	0.50	
GIVR-3225R-1C	GIVR-A3225R-1C	25	200	40	19.5	32	GVR...C	GVR280C~500C	CPS6V	PL30	0.77
GIVR-3225S-1C	GIVR-A3225S-1C	25	250	40	19.5	32	GVR...C	GVR280C~500C	CPS6V		0.96
GIVR-4032S-2C	GIVR-A4032S-2C	32	250	48	23	40	GVR...C	GVR340C~500C	CPS6V		1.58

Carbide shank Item code		Dimensions,mm					Insert	Clamp	Wrench	Weight Kg	
無水孔 Non-coolant	水孔Coolant	D	L	L1	F	dmin					
GIVR-C1108K-1SS		08	125	20	7	11	GVR...SS	GVR100SS~300SS	CPS4V	ETF10	0.09
NEW GIVR-C1310K-1S		10	125	25	8	14	GVR...S	GVR100S~340S	CPS5F-1	ETF15	0.08
GIVR-C1512M-1A		12	150	30	9	15	GVR...A	GVR100A~340A	CPS5F	ETF15	0.24
NEW GIVR-C2016M-1A		16	150	35	11	20	GVR...A	GVR100A~340A	CPS5V	ETF15	0.28

※刀片請參考155頁Please refer to page 155 for insert.

內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

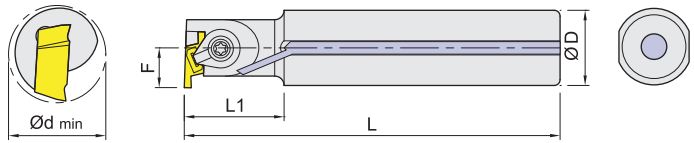
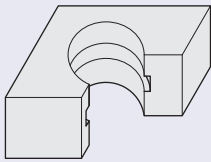
牙刀及開槽刀
THREADING & GROOVING

銑刀
MILLING



孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

GIVR



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

Steel shank Item code		Dimensions,mm					Insert	Clamp 	Wrench 	Weight Kg	
無水孔 Non-coolant	水孔Coolant	D	L	L1	F	dmin					
GIVR-1116L-1SS	GIVR-A1116L-1SS	16	140	20	7	11	GVR...SS	GVR100SS~300SS	CPS4V	ETF10	0.22
GIVR-1316L-1S	GIVR-A1316L-1S	16	140	25	8	13	GVR...S	GVR100S~340S	CPS5F-1	ETF15	0.22
GIVR-1516L-1A	GIVR-A1516L-1A	16	140	30	9	15	GVR...A	GVR100A~340A	CPS5F		0.22

※刀片請參考155頁Please refer to page 155 for insert.

內徑車刀
BORING BARS

外徑車刀
TOOLHOLDERS

牙刀 & 開槽刀
THREADING & GROOVING

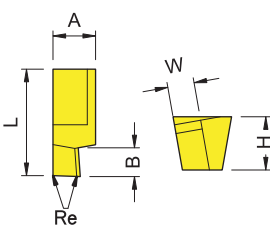
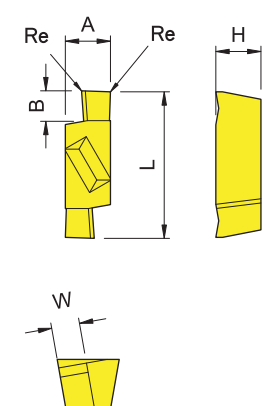
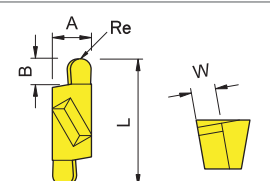
銑刀
MILLING

孔加工
BORING TOOLS COMPONENTS

配件
SPARE PARTS

內徑車刀
外徑車刀
牙刀及開槽刀
銑刀
孔加工
配件

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	Cermet 金屬陶瓷	Uncoated 無塗層	W	※B	Re	A	L	H	
		PR930	TC40/TC60	KW10							
	GVR	100SS	●	●	●	1.00	2.3	0.2	3.6	9.0	3.0
		125SS		●	●	1.25					
		145SS		●	●	1.45					
		200SS	●	●	●	2.00					
		250SS	●	●	●	2.50					
		300SS	●	●	●	3.00					
		100S	●	●	●	1.00					
		125S	●	●	●	1.25					
		145S	●	●	●	1.45					
		185S	●	●		1.85					
		200S	●	●		2.00					
		250S	●		●	2.50					
		340S	●	●	●	3.40					
			GVR	100A	●	●					
125A	●			●	●	1.25					
145A	●			●	●	1.45					
185A	●			●	●	1.85					
200A	●			●	●	2.00					
250A	●			●	●	2.50					
300A	●			●	●	3.00					
340A	●			●	●	3.40					
145B	●			●	●	1.45					
185B	●			●	●	1.85					
200B	●			●	●	2.00					
230B	●			●	●	2.30					
250B	●			●	●	2.50					
280B	●			●	●	2.80					
300B	●			●	●	3.00					
340B	●			●	●	3.40					
400B	●			●	●	4.00					
280C	●			●	●	2.80					
300C	●			●	●	3.00					
340C	●			●	●	3.40					
400C	●			●	●	4.00					
430C	●			●	●	4.30					
460C	●			●	●	4.60					
500C	●			●	●	5.00					
	GVR	100AR	●	○	●	2.00	2.3	1.00	4.0	12.0	5.0
		125AR	●	○	●	2.50					
		150AR	●	○	○	3.00					
		100BR	●	●	●	2.00					
		150BR	●	○	●	3.00					

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