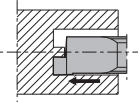
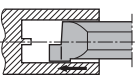
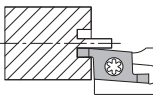
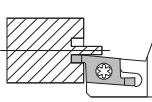
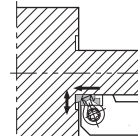
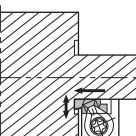
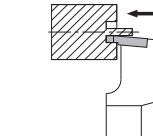
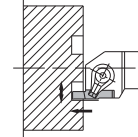
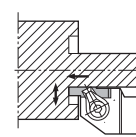
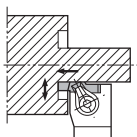
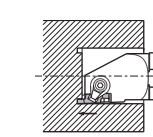
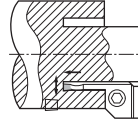
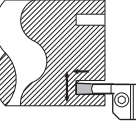
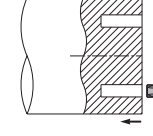


Face Grooving (G49-G71)

For Face Grooving Diameter Table See Page G52

Face Grooving (Small Dia.) (Solid) Face Grooving Dia. $\varnothing 8 \sim$	VNFG (G56)  Depth: 2.0, 3.0mm Width: 1.0, 2.0, 3.0mm	HPFG PSFG-S (G53) (G57)  Depth: 2.0, 3.0mm (HPFG) Width: 1.0, 2.0, 3.0mm	Micro Face Grooving Face Grooving Dia. $\varnothing 6 \sim$	STW (G55)  Depth: 1.0~3.0mm Width: 0.5~2.0mm	S...STW (G55)  Depth: 1.0~3.0mm Width: 0.5~2.0mm
Face Grooving (Small Dia.) (2-Edge) Face Grooving Dia. $\varnothing 8 \sim$	GFVS-AA (G58)  Depth: 2.2mm Width: 1.0, 2.0, 3.0mm	GFVT-AA (G58)  Depth: 2.0mm Width: 1.0, 2.0, 3.0mm		STWS (G55)  Depth: 1.0~3.0mm Width: 0.5~2.0mm	
Face Grooving (General purpose) (2-Edge) For face grooving dia. see each page.	GFV (G60)  Depth: 2.2~8.1mm Width: 2.0~6.0mm	GFVS (G62)  Depth: 4.6~8.1mm Width: 2.5~6.0mm		GFVT (G62)  Depth: 4.6~8.1mm Width: 2.5~6.0mm	GIFV (G70)  Depth: 2.2~8.1mm Width: 2.0~6.0mm
Grooving / Plunge&Turn (Grooving / Multi-Function) For face grooving dia. see each page.	KFMS (G66)  Depth: 13.0~32.0mm Width: 3.0~6.0mm	KFMS-8 (G68)  Depth: 25.0mm Width: 8.0mm		KFTB-S (G69)  Depth: 25.0~38.0mm Width: 4.0, 5.0mm	

G



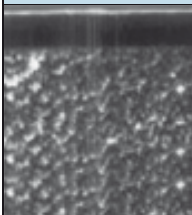
Grooving

PR1115 : PVD Coated Carbide for Steel

1. Micro-grain carbide improves its bending strength better than conventional carbide!
2. New Fine Surface PVD Coating improves wear and chipping resistance!
3. Supports wide range for continuous / interrupted cutting with middle-high speed

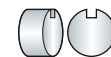
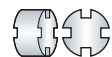


Coating layer of PR1115

Sectional Structure	Performance
 - NEW FS (Fine Surface) Coat (TiAlN) - Suitable for high speed machining, and excellent in wear resistance - Micro-grain carbide substrate	- High hardness (30GPa) - High Adhesive Strength - Precise, fine texture - High oxidation resistance (800°C)

NEW FS (Fine Surface) coating (TiAlN)

Newly developed TiAlN PVD coat brings stability and smooth machining. coating layer hardness / adhesive strength better than conventional FS coating

High Speed [150m/min]	PR1115		
Middle Speed [100m/min]	PR1115		
Low Speed [50m/min]	PR930		
	Continuous	Low Interrupted	Interrupted
			

PR905: PVD Coated Carbide for Cast Iron

1. High efficiency and stability made possible during machining of gray cast iron / nodular cast iron
2. Long life is made possible with TiAlN coating, bringing smooth insert surface, wear resistance, and, high temperature stability
3. Special carbide substrate made of hard material with excellent plastic deformation performance reduces edge wear