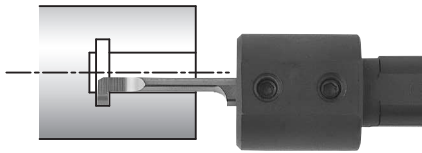


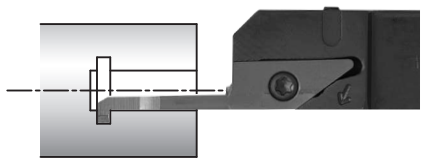
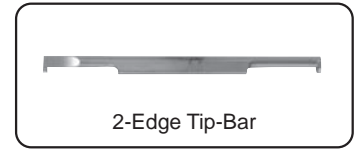
Summary of Internal Grooving

Small Dia. Internal Grooving $\phi 4\sim$ (G43~G45)

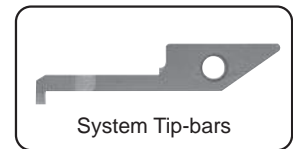
2-Edge Tip-Bar & System Tip-Bar



Type	HPG
Min.Bore Dia.	$\phi 4\sim\phi 7$
Width (mm)	1.0~2.0
Grooving Depth (mm)	1.0~2.0
Ref. Page	G44



Type	VNG
Min.Bore Dia.	$\phi 4\sim\phi 7$
Width (mm)	1.0~2.0
Grooving Depth (mm)	0.8~2.0
Ref. Page	G43



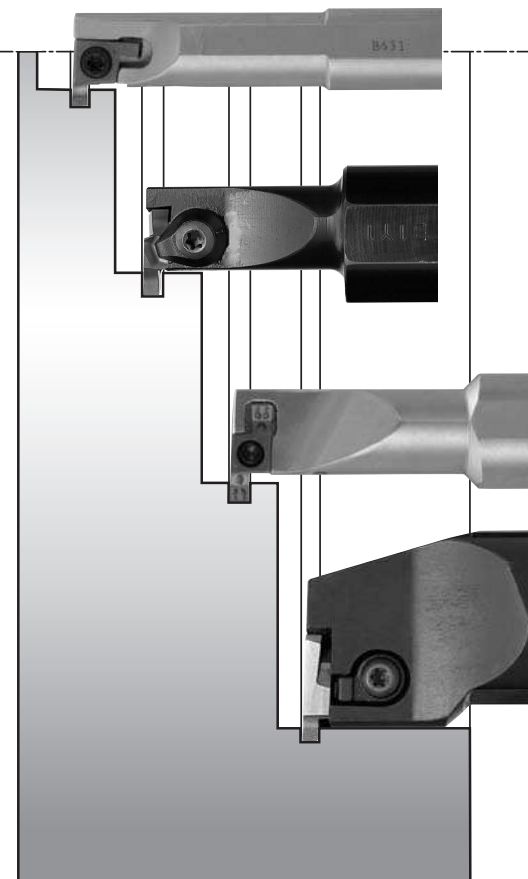
G



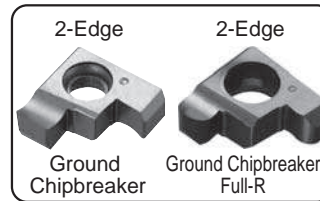
Grooving

Internal Grooving $\phi 8\sim$ (G46~G56)

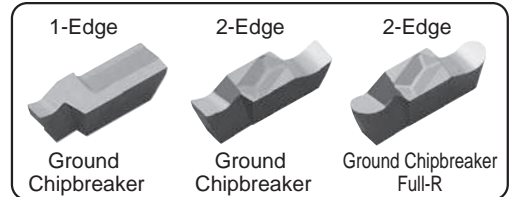
● Shallow Grooving



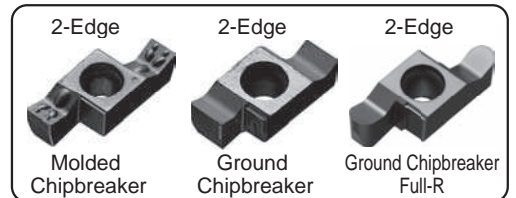
Type	SIGE
Min.Bore Dia.	$\phi 8\sim\phi 12$
Width (mm)	1.0~3.0
Grooving Depth (mm)	1.5~2.2
Ref. Page	G48



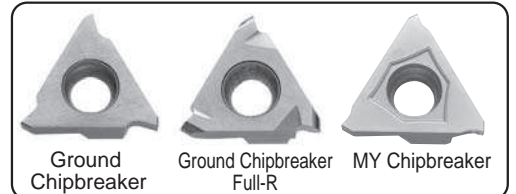
Type	GIV
Min.Bore Dia.	$\phi 12\sim\phi 40$
Width (mm)	1.0~5.0
Grooving Depth (mm)	1.7~6.3
Ref. Page	G52



Type	SIGE
Min.Bore Dia.	$\phi 14\sim\phi 40$
Width (mm)	1.0~5.0
Grooving Depth (mm)	2.5~6.5
Ref. Page	G48



Type	KIGBA
Min.Bore Dia.	$\phi 35\sim\phi 40$
Width (mm)	0.33~4.8
Grooving Depth (mm)	0.8~2.8
Ref. Page	G55



Type	KITG
Min.Bore Dia.	$\phi 35\sim\phi 45$
Width (mm)	0.75~4.5
Grooving Depth (mm)	2.0~2.5
Ref. Page	G56



* KITG will be switched to KIGBA.