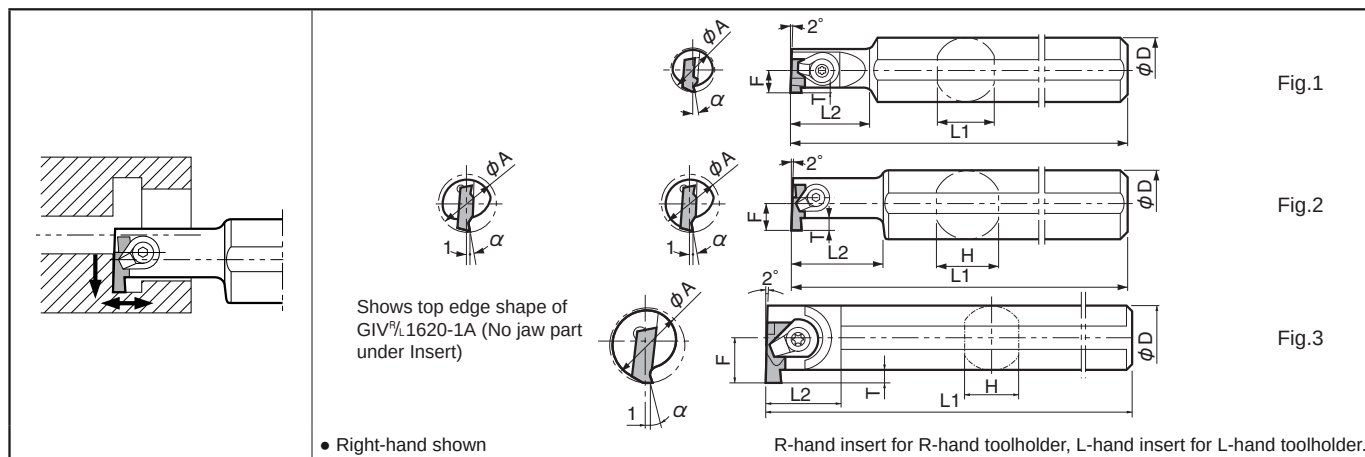


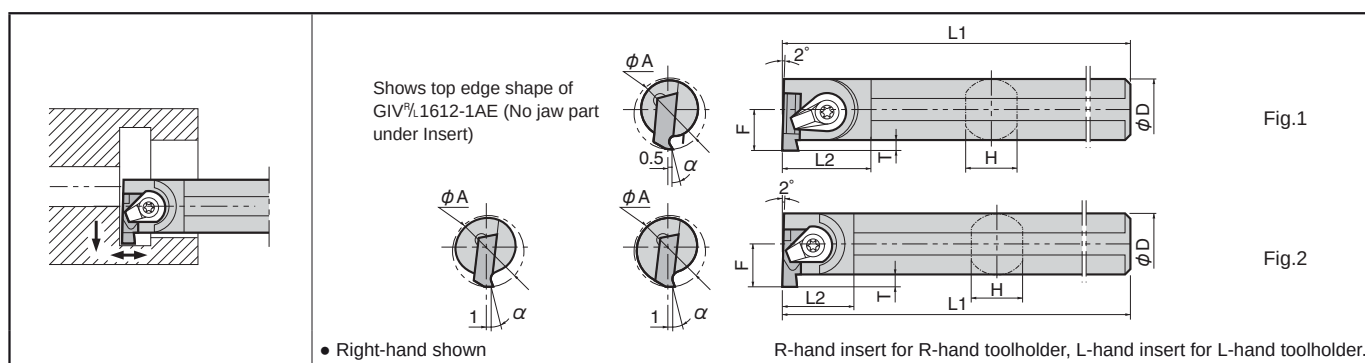
Internal Small Diameter Grooving Toolholders [GV Insert]

kyocera@kyocera-tools.ru

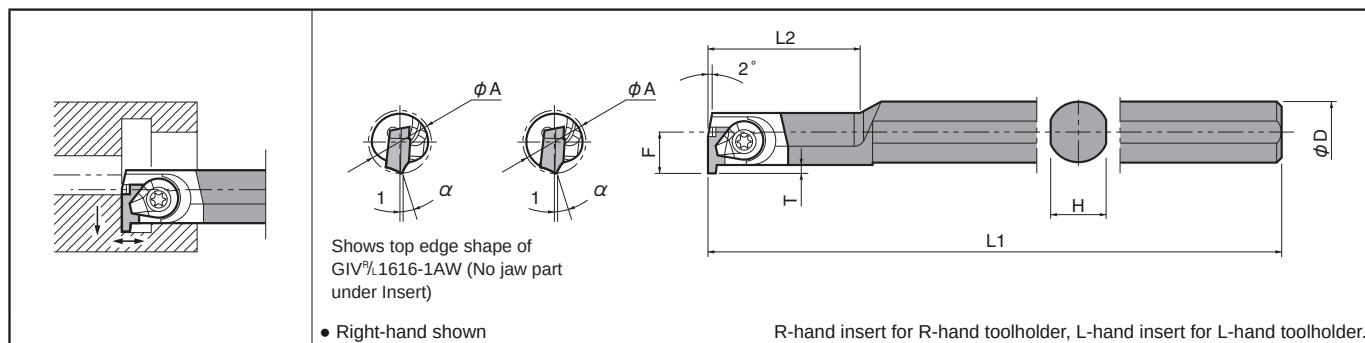
GIV



GIV-E Excellent Bar



GIV-W Carbide Shank Bar



Applicable Insert & Rake Angle (α) after Installment of Insert

Toolholder	Description G42		Rake Angle (α)	
	General Grooving (Square)	Full-R Grooving (Round)	TC40	TN90, TC60 PR630, PR930 KW10
GIV%...1SS	GV%100SS~300SS	-	10°	15°
GIV%...1S	GV%100S~340S	-	10°	15°
GIV%...1SE	GV%100S~340S	-	3°	8°
GIV%...1A(□)	GV%100A~340A	GV%100AR~150AR	3°	8°
GIV%...1B(□)	GV%145B~250B	GV%100BR	4°	9°
GIV%...2B(□)	GV%280B~400B	GV%150BR	4°	9°
GIV%...1C(□)	GV%280C~340C	-	5°	10°
GIV%...2C(□)	GV%400C~500C	-	5°	10°