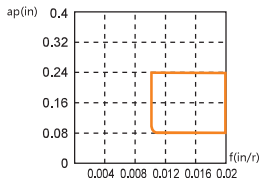
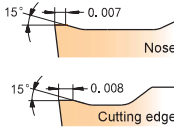
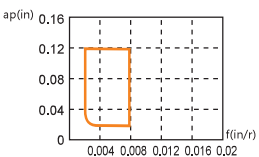
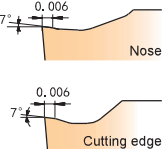
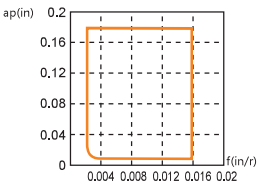
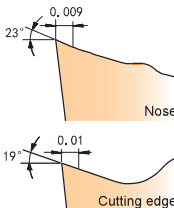
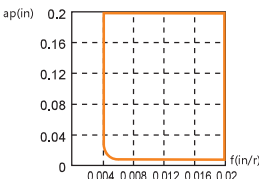
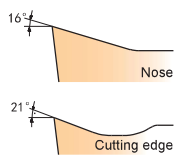
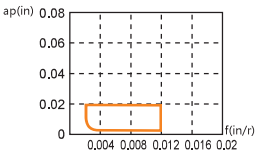


Introduction of chip-breakers

Positive inserts with a hole

Application	Chipbreaker	Precision	Recommended cutting parameters	Chipbreaker profile	Feature/Shape of insert
For roughing	HR 	M			General chipbreaker for roughing M-class tolerance; suitable for both boring and o.d. roughing materials as steel, stainless steel and cast iron etc. 
	SNR 	M			Recommended chipbreaker for S-material high-efficiency roughing M-level accuracy, for inner hole roughing of S materials. 
For Al machining	LC 	G			Unique chipbreaker for machining AL and AL alloy G-class tolerance, large rake angle and large clearance angle combine for positive cutting action, with good chip control. 
	LH 	G			Unique chipbreaker for machining AL alloy G-class tolerance, big rake angle and surface polishing, prevents built-up edge, allowing for high surface workpiece quality and long tool life. 
Super hard inserts	Without chipbreaker (flat top) 	G			For nonferrous metals and materials with high hardness G-class tolerance; for machining nonferrous metals and materials with high hardness by soldering PCBN and PCD material to cemented carbide substrate. 

A