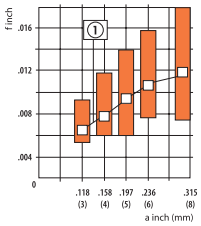
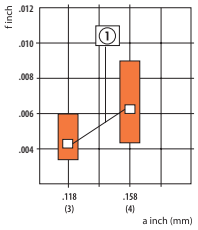
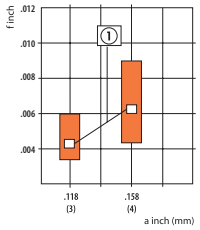
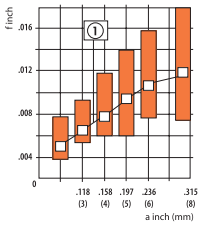
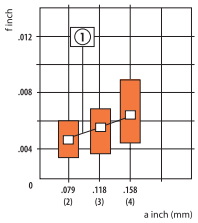
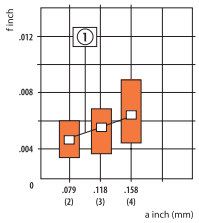
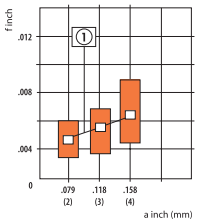
Technical Information - Turning

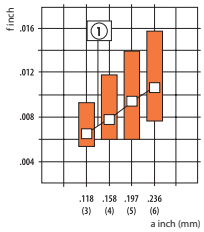
Geometries for Grooving

Modern chip control geometries with wide range of uses. Accurate, reproducible cutting edge positioning. Secure, positive locking of insert. Unhindered chip removal.

-U	Neutral	Right	Left	ProGroove Inserts
				For grooving and parting operations, universal use. Light cutting action due to positive chipbreaker groove. Right-hand and left-hand style with 6° front angle.

-M	Neutral	Right	Left	ProGroove Inserts
				For grooving and parting, also capable of copy and straight turning as well as chamfering. With additional chip forming element for good chip control with varying depths of cut.

-S	Neutral	Right	Left	ProGroove Inserts
				For low-burr parting with straight flanks and smooth surface finishes. All inserts are recommended for parting and grooving slender workpieces, part diameter < 32 mm (1.250 in) and thin-wall tubes.

-R	Neutral	Right	Left	ProGroove Inserts
				Full round inserts for profiling, grooving, and copy turning. Very good chip control for broad general use. Accurate, reproducible cutting edge positioning.

① = Recommended feed
a = Groove width
f = Feed