

Mogul Bar

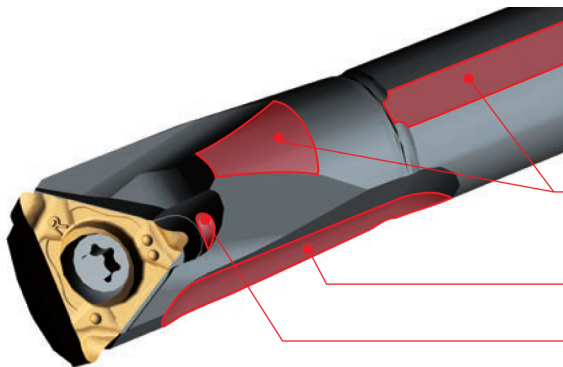
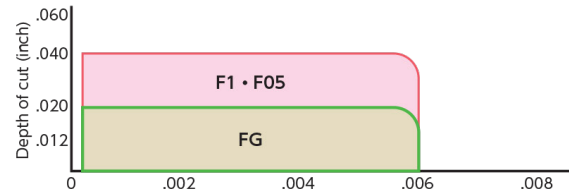
High rigidity boring bars

F Chipbreakers - Evacuate chips BACKWARD

- F chipbreakers allow chips to evacuate backward
- Combination of the F-chipbreakers and Mogul Bar delivers the best performance



Recommended Cutting Condition Range



Features

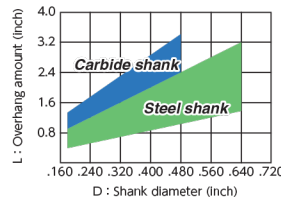
- **High rigidity + Minimal flat widths**
Reduce vibration
- **Large clearance for improved chip evacuation**
- **All Mogul Bar boring bars are coolant through**

Recommended amount of overhang

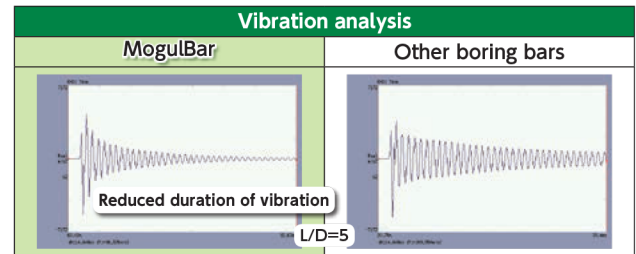
Steel Shank **L/D ≤ 5**

Carbide Shank **L/D ≤ 7**

L : Overhang
D : Shank diameter



[Cutting condition example]
Work materials: Alloy steel, stainless
260 SFM, .002 - .004 IPR, .004" - .020" DOC WET



Note: Assuming a 100N load is applied. An equal amount of force was applied to both bars for vibration analysis.
Boring bar used in above analysis: S08H-STUPR09D10-OH

Inserts

	Item Number	IC	R	Price	
	TPGH 7304 $\frac{R}{4}$ F1	7/32	.004	\$XX.XX	
	TPGH 7308 $\frac{R}{4}$ F1	7/32	.008		
	TPGH 731 $\frac{R}{4}$ F1	7/32	.016		
	TPGH 732 $\frac{R}{4}$ F1	7/32	.031		
	TPGP 7308 $\frac{R}{4}$ FG	7/32	.008		
	TPGP 731 $\frac{R}{4}$ FG	7/32	.016		



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