

AD Bar

Interchangeable head boring bars with anti-vibration dampener system

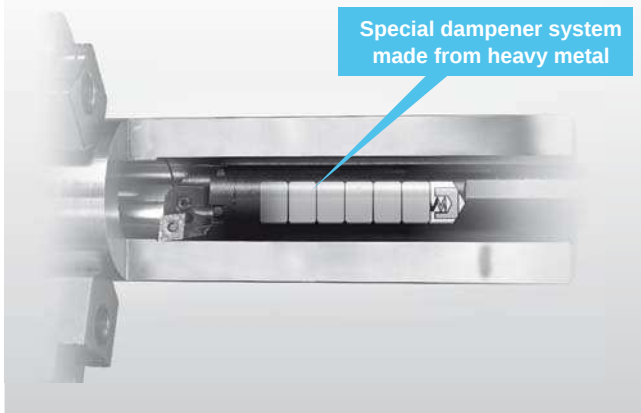
- The AD (Advanced Dampener) system provides a maximum overhang of 6times L/D.
- Achieve high efficient machining: Anti-vibration dampener effect allows for large depths of cut and high feed rates.
- Applicable for a variety of machining conditions due to the interchangeable head design



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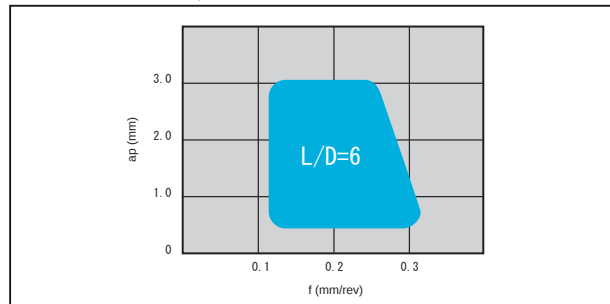
Structure of Anti-Vibration dampener system

Special dampener system
made from heavy metal



Possible machining area

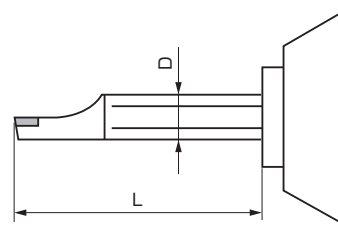
(34CrMo4 Vc=150m/min ap=0.5~3mm f=0.1~0.3mm/rev TNMG160408)



Guide Line for Boring Bars

Guide Line for Overhang Length of Boring Bar (Workpiece: C45)

Shank Material	L/D	Toolholder Type Example
Steel	3	S...SCLP
Steel (Dynamic Bar)	4	S...SCLP-A
Excellent Bar	5	S...SCLP-E
Excellent Bar (Dynamic Bar)	5.5	A...SCLP-AE
Anti-vibration dampener system (AD Bar)	6	HA...PCLN
Carbide	7	C...SCLP



D: Bar Diameter
L: Overhang Length

Carbide Shank Boring Bar

○ Short Shank Series

- Short Shank Type with length of 1/2 and 2/3 of standard type are available. (-1/2 or -2/3 is shown at the end of the description)
- Economical

Standard Size

←2/3 Size

←1/2 Size