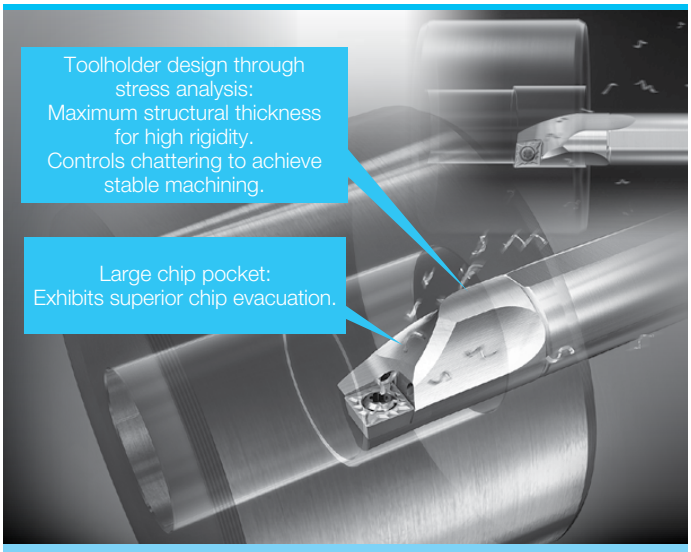
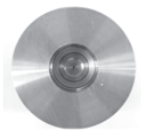
для заказа - kyocera@kyocera-tools.ru

New Dynamic Bar

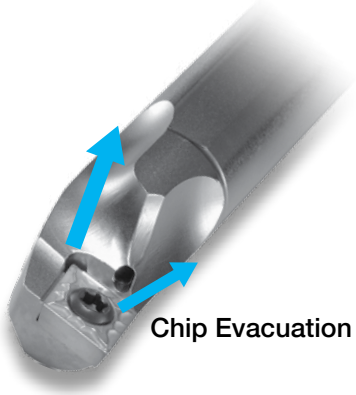


Dynamic design driven by the latest computer simulation technology.

Superior Chip Evacuation (External Coolant)

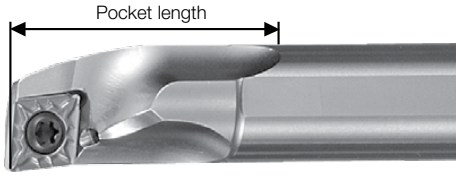
	Dynamic Bar	Competitor A	Competitor B
Inside the Workpiece			

In Competitor A and B's products chips remain inside the workpiece, but chips from Dynamic Bar are all evacuated from the workpiece.



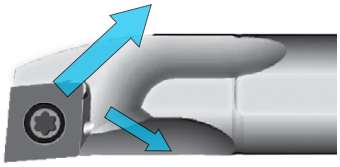
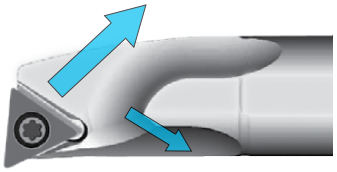
Chip Evacuation Direction

Pocket Length Comparison



Part Number	Pocket length (mm)	
	Dynamic Bar	Competitor A
A16-SCLPR09-18 type	37	29
A20-SCLCR09-22 type	48	32

Chip Evacuation Direction

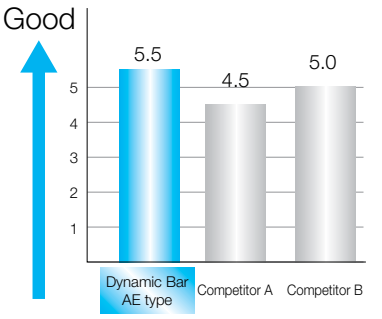
SCLC(P)	STLB(P)
	

Better Evacuation with Dual Chip Flow

Dynamic Bar with Superior Chip Evacuation

High rigidity and chattering resistance by using a special alloy the help of stress analysis technology.
Previously unattained surface finish and dimensional accuracy are now achieved.

Anti-chatter Vibration Performance

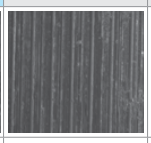
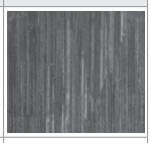
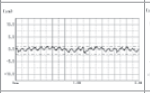
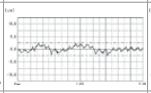
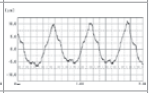
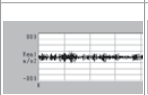
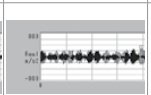
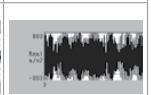


Maximum Toolholder Overhang (L/D)

<Cutting Conditions>
4415
Vc = 490 sfm
D.O.C. = 0.020"
f = 0.004 ipr
S16-SCLPR09
CPMH321L-Y

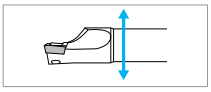
Surface Finish Comparison

Vibration of the Dynamic Bar was minimal even at high cutting speeds, enabling stable machining.

	Dynamic Bar	Competitor A	Competitor B
Surface Wall			
Surface Roughness	 Ra=0.4µm Rz=2.3µm	 Ra=0.6µm Rz=3.6µm	 Ra=3.4µm Rz=14.0µm
Oscillatory Waveform			

<Cutting Conditions>
4415
Vc = 690 sfm
D.O.C. = 0.020"
f = 0.004 ipr
A16Q-SCLPR09-18
CPMH321XP(PV7020)
L/D = 4
External Coolant

Direction of Vibration Measurement



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