

# SPECIAL DEAL

Promotion valid from Sept. 1 – Dec. 31, 2022

## KCS10B™

Latest PVD turning grade for medium cutting and finishing applications

**BUY 40,  
GET 50!**

DETAILS BELOW

Most common  
ISO types!

### Materials



### Applications



Turning



Boring



Back Boring



Profiling



Facing



I.D. Facing



Chamfer Turning



Deep Grooving



- Insert geometries can be combined.
- Minimum order per geometry: 10 pieces.
- Get 10 more of the least-expensive inserts for free.

[kennametal.com/KCS10B](http://kennametal.com/KCS10B)

**Top Notch™ Profiling enables  
precise copy turning!**

The new KCS10B turning grade features High-Power Impulse Magnetron Sputtering (High-PIMS) coating technology. High-PIMS is characterized by:

- Smooth coating surface.
- Optimum layer adhesion, especially on sharp cutting edges.
- High depth-of-cut notching resistance.
- Long tool life and high process reliability.

Applied on an extremely hard and wear-resistant, ultra fine-grain carbide substrate, the KCS10B grade is ideal for medium machining and finishing operations of high-temp alloys, stainless steel, and alternatives to steel.

The Top Notch Profiling system provides consistent tool life and performance, accurate indexing, and superior clamping in precise machining and copy turning.

	Negative Geometry Inserts					Positive Geometry Inserts					
	RP	MP	MS	FP	FS	MP	MP V-Bottom	MS	LF	FP	K-Lock FS
<b>Geometry</b>											
<b>Profile</b>											
<b>Edge Preparation</b>											
<i>T-Land</i>											
<i>Honed</i>	✓	✓		✓		✓	✓				
<i>Slightly Honed to Sharp</i>			✓					✓	✓	✓	
<i>Sharp</i>					✓						✓
<b>Application</b>											
<i>Roughing</i>	✓										
<i>Light Roughing</i>	✓	✓				✓	✓				
<i>Medium Machining</i>		✓	✓			✓	✓				
<i>Semi-Finishing</i>			✓	✓	✓			✓	✓	✓	✓
<i>Finishing</i>				✓	✓			✓	✓	✓	✓
<b>Cutting Condition</b>											
<i>Heavily Interrupted Cut</i>	●										
<i>Lightly Interrupted Cut</i>	●	●	○	○		●	●	○	○	○	
<i>Varying Depth of Cut, Casting or Forging Skin</i>	●	●	●	●	●	●	●	●	●	●	●
<i>Smooth Cut, Pre-Turned Surface</i>		●	●	●	●	●	●	●	●	●	●



**KCS10B™ Turning Grade for High-Temperature Alloys**

