

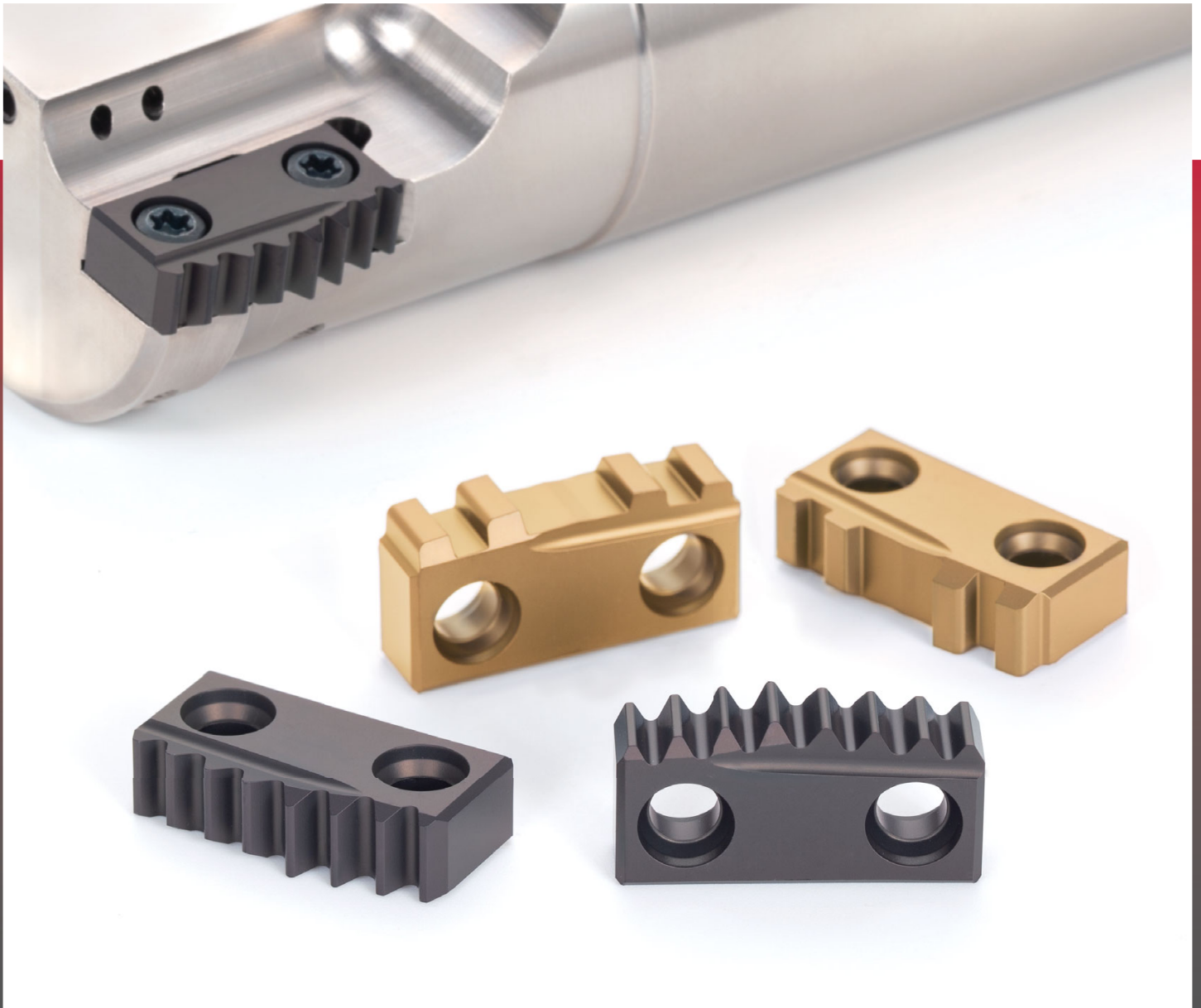


Threading tool

# TUNGTHREAD

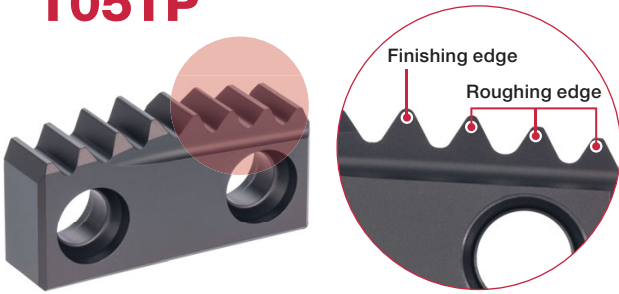
Tungaloy Report No. 375S4-G

## Expansion of API threading insert

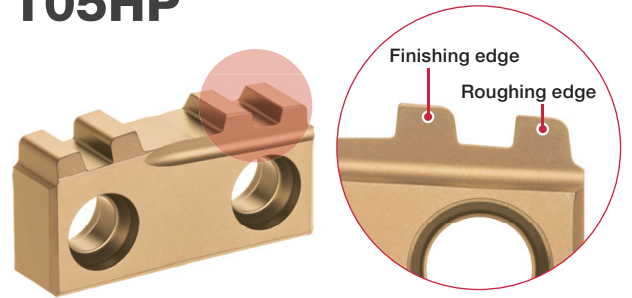


## Double-sided chaser insert enables high productivity machining

**New** API standard round thread  
**T05TP**



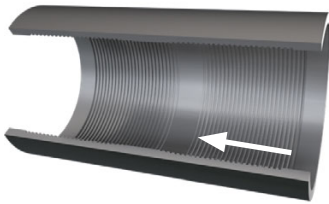
API standard buttress thread  
**T05HP**



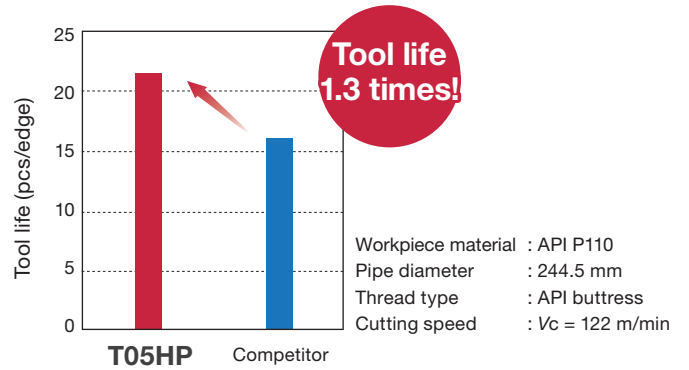
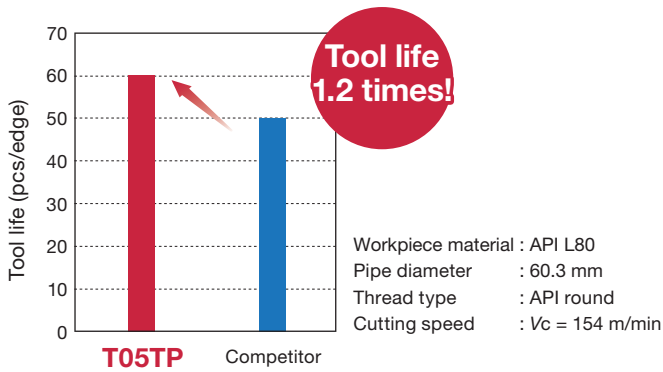
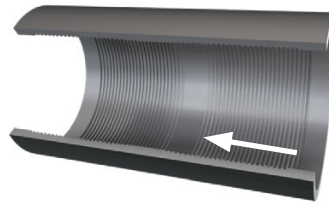
### CUTTING PERFORMANCE

- New CVD grade T05TP applicable to various steel types in Oil & Gas market
- Excellent wear and chipping and welding resistance, achieves stable tool life and high accuracy threading

API standard round thread

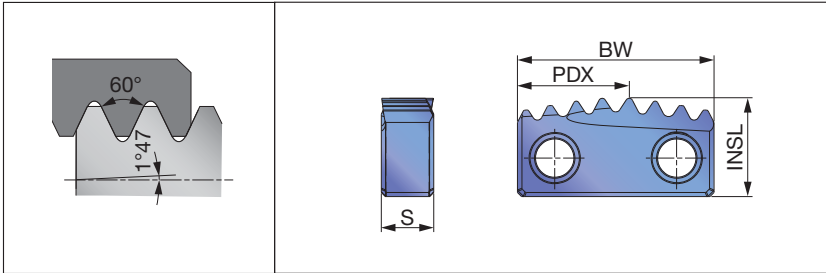


API standard buttress thread



## INSERT

### API Round (for Energy)



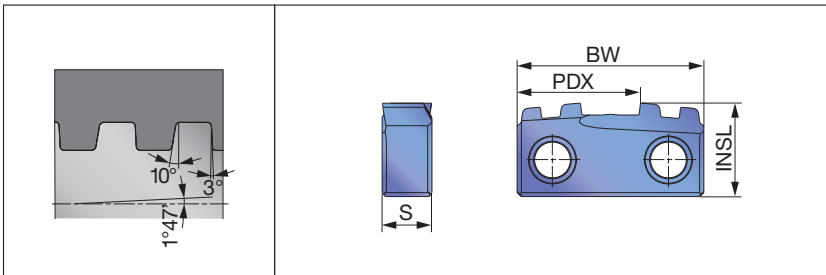
#### Full-profile insert

Insert size	Pitch (Reference)	TPI	Hand of cut	Internal insert					
				Designation	Grade	BW	INSL	PDX	S
					Coated				
22	(5.08)	5	R	<b>CR-8R-4I-W24</b>	T05TP	24	12	13.65	6.4

● : New product  
Package quantity = 5 pcs.

Note: Toolholders need to be customized for these types of inserts.

### API Buttress (for Energy industry)



#### Full-profile insert

Insert size	Pitch (Reference)	TPI	Hand of cut	Internal insert					
				Designation	Grade	BW	INSL	PDX	S
					Coated				
22	(5.08)	5	R	<b>CR-5B75-2I-W24</b>	T05HP	24	12	15.85	6.4

● : Line up  
Package quantity = 5 pcs.

Note: Toolholders need to be customized for these types of inserts.

## STANDARD CUTTING CONDITIONS

ISO	Workpiece material	Hardness	Cutting speed: Vc (m/min)	
			T05HP	<b>New</b> T05TP
<b>P</b>	Steel / Alloy steel S45C, SCM440, etc. C45, 42CrMoS4, etc.	< 200HB	100 - 200	100 - 200
		> 200HB	100 - 150	100 - 150
<b>M</b>	Stainless steel SUS304, etc. X5CrNi18-9, etc.	-	70 - 130	70 - 130
<b>K</b>	Cast iron FC250, FC300, etc. 250, 300, etc.	-	70 - 150	70 - 150
<b>N</b>	Non-ferrous metal	-	-	-
<b>S</b>	Superalloys Ti-6Al-4V, Inconel718, etc.	-	-	-
<b>H</b>	Hardened steel	50 - 60HRC	-	-

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