

Smart solutions on the cutting edge



# WhizAdapt PZ©turn

The WhizAdapt product portfolio is all about collaborations. WhizCut is teaming up with the brightest inventions on the market to create the brightest and most modern cutting tools for you.

**PZ©TURN QUICK-CHANGE HEADS**

## WhizAdapt PZ<sup>®</sup>turn – Quick change holders

MAS Tools GmbH, inventors of the PZ<sup>®</sup>turn Quick change holders for swiss type lathes have outdone themselves with this extremely stable and durable quick change system. The tapered polygon gives very good support and repeatability. The heads are always clamped back into the center of the taper, by an angled M5x0,5 screw pushing the head into the center of the holder. The heads are available with most WhizCut insert pockets, all come with coolant through preparation. The Shanks are now available in 12 mm and 1/2". Other pockets and shanks sizes (10 mm, 5/8", 16 mm) are available upon request.



*WhizAdapt PZ<sup>®</sup>turn polygon taper gives maximum rigidity and excellent repeatability*

### Range benefits

Lifting productivity  
with WhizAdapt

- **More stability, less vibrations:** The PZ<sup>®</sup>turn has a very precise positioning due to a tapered polygon and the clamp screw only pushes the head into the holder and not down.
- **Quicker setups:** The same shank can be used for many different heads and applications making your setups not only faster but a lot more flexible
- **Multiple coolant ports:** 3xM8x1 coolant ports makes it possible to connect the shank to any machine set up.
- **Maximum coolant efficiency:** The WhizAdapt is combined with our WhizHip coolant nozzles giving the best possible coolant to the cutting edge.
- **Extended range upon request:** A full range of ISO pockets and other heads are available upon request.
- **Quick change:** Insert indexing within 30 seconds.



H13ER



J15ER



K15ER



T13ER



U2NR



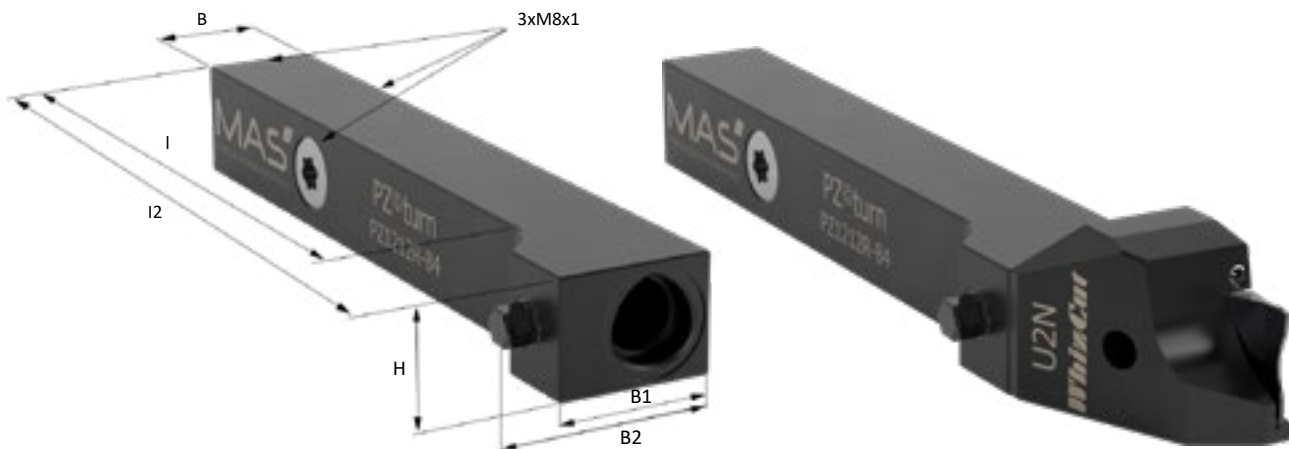
U2NL



### WhizAdapt PZ@turn | Heads

TOOLHOLDER	H	B	I	L	INSERT	SCREW	KEY	STOCK	PRICE
WAH13ER PZ1222-0	12	16	22	106	H13	M3X7	T9IP	R	AD71
WAJ15ER PZ1222-8	12	16	22	106	J15ER	M3X7	T9IP	R	AD71
WAK15ER PZ1222-2	12	16	22	106	K15ER	M3X7	T9IP	R	AD71
WAT13ER PZ1222-2	12	16	22	106	T13	M3X7	T9IP	R	AD71
WAT13ER PZ1222-4	12	16	22	106	T13	M3X7	T9IP	R	AD71
WAU2NR PZ1222-0	12	16	22	106	U2N	M4X5-RU	T9IP	R	AD71
WAU2NL PZ1222-0	12	16	22	106	U2N	M4X5-RU	T9IP	L	AD71

\* L=Length of Head+shank



### WhizAdapt PZ@turn | Shanks

TOOLHOLDER	H	B	B1	B2	I	I2	L	SCREW	KEY	3X PLUG	PRICE
PZ1212R-84	12	12	16	20,2	71	84	104	M5X0,5X9.5X60	SW3,5	M8X1	AD92
PZ12.7-12.7R-84	1/2"	1/2"	16	20,2	71	84	104	M5X0,5X9.5X60	SW3,5	M8X1	AD92

\* L=Length of Head+shank

\* Screw available with internal torx.

HIGH-  
LIGHTS  
2021



## WhizTwin

Power up your parting off with WhizTwin. It is a twin-edged parting off insert with a cutting edge stability that helps reduce waste material. The patent pending design of WhizTwin generates a cutting edge stronger than any other and stability not seen before. The strength and increased stability of the cutting edge is maximised with two cutting edges at the front.

## WhizHip 8x8

Think small and reach bigger production goals. Small parts in small machines deserve the same opportunities as big parts in big machines. The line of WhizHip holders are now available in 8x8 mm shanks.



## Y-axis toolholder

The new Y-axis holder from WhizCut turns stringy chips down and away from the part. The WhizTwin insert enables a short overhang and a small toolholder head-making room for more tools. The WhizTwin parting off insert is short and has two front cutting edges- perfect for Y-axis turning.

**WhizCut**<sup>®</sup>

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