

WIRTGEN QUICK-CHANGE CUTTER DRUMS THE WORLD STANDARD IN QUICK-CHANGE TECHNOLOGY



Close to
our customers



ROAD AND MINERAL TECHNOLOGIES

*The heart of your milling machine...
The heart of your business.*

www.wirtgenamerica.com

WE DELIVER FIRST-CLASS QUALITY!

The leader in engineering design and production of milling drums

Milling drums designed and produced in the Windhagen plant form the heart of Wirtgen road milling machines known throughout the world. The fact that Wirtgen is a market leader in this sector explains the importance of cutting technology within the company. It also explains why Wirtgen has continuously invested in expanding this central area of competence to the benefit of our customers.

Benefits for you

Wirtgen milling drums last longer than competitive drums and the HT11 Quick-Change System minimizes downtime in the middle of a milling shift – both help to drastically increase your bottom line.

The HT11 Quick-Change System has virtually eliminated issues with changing out damaged holders on the job site: torching, grinding, welding, hammering. HT11 holders do not seize like competitive wedge-lock or taper-lock systems.

The HT11 Quick-Change System allows removal of broken bits while the holder remains in place.

Less downtime means more profit for you!

The key to versatile milling machines

Operators want to use their milling machines for as many different jobs as possible. That is why Wirtgen supplies a large variety of optional drums as part of our standard range.



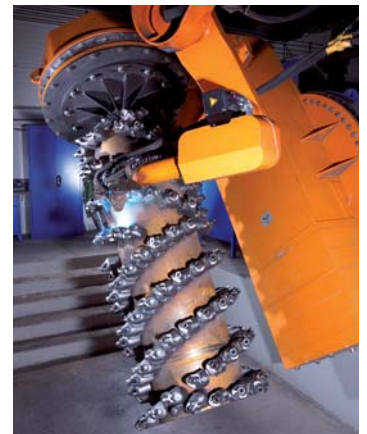
Advantages of original Wirtgen milling drums

- Optimum milling pattern
- Top-quality materials
- Extended lifespan of cutting tools
- Optimum angle of attack for minimum cutting tool wear
- Extremely high repeat accuracy due to automated production
- Cost advantages due to proven lowest overall operating costs (cutting tool wear, toolholder wear, lifespan of milling drum)
- First-class after-sales service and consulting services by highly qualified local Wirtgen experts



Wirtgen precision begins with machining the drum barrel

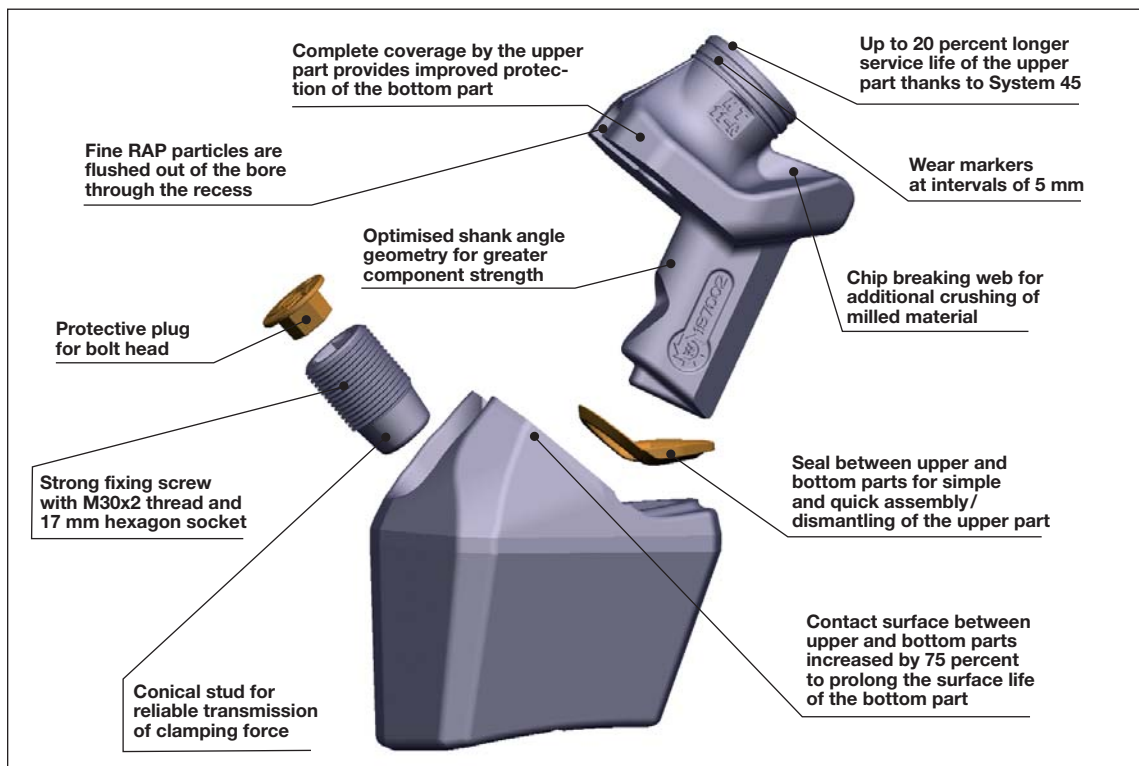
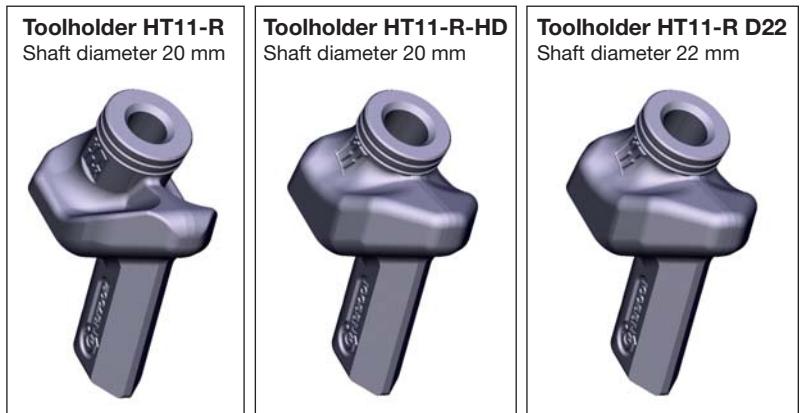
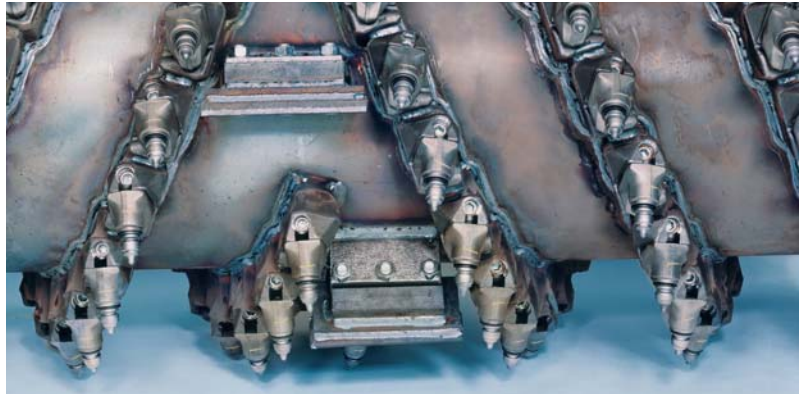
- Eliminates shimming of weld bases
- Provides for precision placement of weld bases
- Maximizes symmetry and balance
- Optimizes angle of attack for minimum cutting tool wear
- Results in the smoothest running drum with highly accurate cutting pattern



THE WIRTGEN QUICK-CHANGE SYSTEM

Get first-class quality only with original Wirtgen milling drums

- Heavy-duty (HD) holders - no holder lasts longer
- Optimized design
 - Maximizes bit rotation
 - Improves access for driving out bits or broken bit shanks
- Large HT11 screw with tapered nose
 - Reduces chance of thread damage
 - Allows for higher torque when required in abusive applications
 - Tapered nose guards against tip deformation that can interfere with thread
- Front-to-back positioning of weld bases
 - Guards against wear on leading face
 - Augers material more efficiently
 - Each base fully supports the one ahead for maximum strength
 - Wirtgen weld bases last up to twice as long as competitive systems
- Heavy-duty bolt-in paddles



OUR CUSTOMERS SPEAK VOLUMES



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“Villager Construction, Inc. maintains a fleet of 16 Wirtgen Mills; 12-W 2100's, 3-W 1200's, and 1-W 600. All of the mills are equipped with Wirtgen Drums and with either the HT3 System on the older models or the HT11 System on the new models. Before converting to Wirtgen, Villager Construction, Inc. owned 8 Cat Mills equipped with different holder/drum systems. The Cat drum was completely inferior to the Wirtgen system. The Cat systems required extensive work after 3000 hours and it was often cheaper to replace the entire drum rather than fix the system. The HT3 Holder was a vast improvement. When we needed to service the holders on our first W 2100 at approximately 2000 hours we merely backed out the set screw, knocked out the holder, cleaned everything thoroughly, installed the new holder and replaced/retorqued the set screw. After service it was as if we had a brand new drum and the cut was once again fantastic. We still have that first W 2100 and at 7000 hours only the holders have been replaced several times; the cut is still beautiful even with the original drum in the mill! The new HT11 System is similar to the HT3 System except the holders are much more robust and the set screws are larger. Wirtgen has been fantastic to work with and they have done well to maintain an economical and competitive price on the replacement holders. I cannot picture using a different system in our fleet. The holders are sturdy, easy to change and last for a long time. We are very satisfied”

Todd E. Hartman, Operations Manager, Villager Construction, Inc.



“We have found that the hours of service and the quick-change features of the Wirtgen HT11 holders are superior to the competition. The Wirtgen drum cuts a consistent, even pattern. HT11 provides superior life and the larger screw helps prevent loosening. The wear rings are also an added bonus – allowing us to monitor wear. Downtime has been reduced especially when hitting buried objects. To summarize, we are happy to have converted to Wirtgen and hope our competition doesn't.”

George T. Fischer, COO, Swank Associated Co's Inc

“During my time here at Lanford Brothers, I have found that drum maintenance is a vital part of ensuring the milling machines are capable of performing their jobs for the long, grueling milling seasons. I have experimented with numerous head designs from various companies and I have concluded that the HT11 milling heads are the best heads we've purchased. The holders last longer, are easy to remove and install, and have decreased the amount of maintenance we have to do to our drums every year. I believe the Wirtgen engineers have designed a superior milling head with the HT11.”

Frank B. E. Saul, Milling Project Manager,
Lanford Brothers Co., Inc.-Roadway Maintenance Division



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