

FERAN corrugated / smooth rolls and TITAN corrugated rolls for roller mills.

Original Buhler parts for longer lifetimes.

Grain Processing Customer Service



Buhler offers top-quality spare rolls of Ø 250 mm for MDDK/L, MDDM/O, MDDP/Q and MDDR/T roller mills.

FERAN rolls for the standard design version.

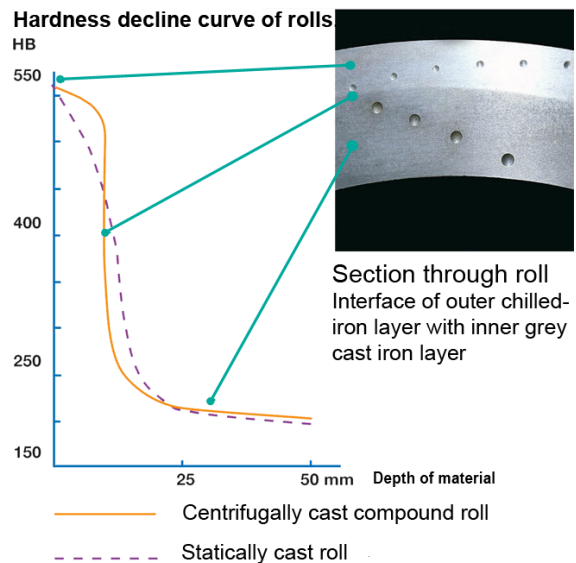
FERAN rolls have proven their worth in the flour milling industry worldwide. Buhler rolls differentiate themselves clearly from competitors' products and have significant features that offer direct value.

- Wear-resistant chilled-iron jacket
- Manufactured by the centrifugal casting process
- Uniform surface structure
- High-precision true running

TITAN rolls for longer service life.

Compared with FERAN standard rolls, the new **TITAN** rolls achieve an increased service life on the order of minimum 30% in a given application. This means that your flour milling system will be available for a longer time without requiring any roll changes and that your maintenance costs will be significantly reduced. By further developing the chilled-iron cast alloy, we have achieved a surface hardness of 530-570 HB and increased the toughness of the roll material. This enables the rolls to satisfy the most rigorous requirements.

- Increased surface hardness and toughness for longer service life
- Option between two hardness degrees: FERAN and TITAN for corrugated (fluted) rolls



- **Corrugated (fluted) rolls:**
 - FERAN surface hardness 490-530 HB
 - TITAN surface hardness 530-570 HB
 - With or without corrugations (flutes)
 - Depth of chilled-iron hardness 15mm +/- 5mm
- **Smooth rolls:**
 - FERAN surface hardness 440-490 HB
 - Standard camber C1/C2
 - Rolls 800mm 20-25 µ
 - Rolls 1000mm 40-45 µ
 - Rolls 1250mm 50-55 µ
 - Surface roughness: blasted and frosted
 - Depth of chilled-iron hardness 15mm +/- 5mm

Your benefits:

- Metallurgical quality assurance
- Uniform surface hardness values
- Maximum lifetime due to perfect balance of hardness and toughness
- Stable roll body through high material compaction
- Good grinding characteristics
- Longer operation times and availability
- Recorrugated and renewed rolls have the same service life as new rolls



Spare rolls – FERAN and TITAN.

FERAN	Article number	Remarks
Roll length 800 mm		Roll inside diameter
Grinding roll without corrugations	MDDK-82695-890	
Grinding roll with corrugations	MDDK-82695-830	
Smooth roll cambered	MDDK-82694-830	250 / 160 (thin walled)
Roll length 1000 mm		
Grinding roll without corrugations	MDDK-82695-940	
Grinding roll with corrugations	MDDK-82695-840	
Smooth roll cambered (thick walled)	MDDK-82696-840	250 / 100 (thick walled)
Smooth roll cambered (thin walled)	MDDK-82694-840	250 / 160 (thin walled)
Roll length 1250 mm		
Grinding roll without corrugations	MDDK-82695-970	
Grinding roll with corrugations	MDDK-82695-850	
Smooth roll cambered (thick walled)	MDDK-82696-850	250 / 100 (thick walled)
Smooth roll cambered (thin walled)	MDDK-82694-850	250 / 160 (thin walled)
Roll length 1500 mm		
Grinding roll without corrugations	MDDK-82695-980	
Grinding roll with corrugations	MDDK-82695-860	
TITAN		Remarks
Roll length 800 mm		
Corrugated roll without corrugations	MDDK-80028-930	
Corrugated roll with corrugations	MDDK-80028-830	
Roll length 1000 mm		
Grinding roll without corrugations	MDDK-80028-940	
Grinding roll with corrugations	MDDK-80028-840	
Roll length 1250 mm		
Grinding roll without corrugations	MDDK-80028-950	
Grinding roll with corrugations	MDDK-80028-850	
Roll length 1500 mm		
Grinding roll without corrugations	MDDK-80028-960	
Corrugated roll with corrugations	MDDK-80028-860	

Feran/Titan spare rolls
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