

# UPGRADED PERFORMANCE ON +RANGE THREAD DESIGN

SANDVIK PREMIUM MF-RODS GT60+, T51+, T45+ & T38+



## EXTEND LIFE, REDUCE COSTS

Drill rods and tubes represent a significant part of your tool cost in bench drilling. As our industry requires increasingly deeper holes, the cost for drill rods and tubes goes up. But imagine if they were designed to last 30 percent longer, so you could drill more meters every shift and reduce your cost per meter – increasing your productivity and profit.

Sandvik +Range of friction welded rods offer better wear and fatigue resistance due to their improved heat treatment and welding process. The rods benefit from a better thread fit and coupling/uncoupling properties, plus reduced incidence of fatigue thanks to better thread surface smoothness.

### WELDED, NOT FORGED

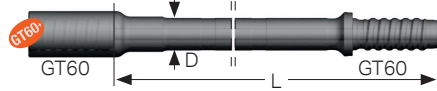
Our +Range rods are created using friction welding, rather than forged. Forged rods are forced to have the same material and heat treatment in the whole MF-rod. However, the combination of specialized heat treatments in specific parts of the + Range rods, in addition to an improved mixture of alloys in the material, allow for optimal performance.

The Sandvik +Range rods are more resilient, with improved fatigue resistance to increase service time and reduce the need to stop and replace. In addition, a smoother thread surface and new thread release reduce breakage incidence.

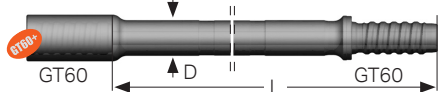
### 30% MORE LIFE

Extensive in-mine tests proved a 30 percent longer service life compared with previous standard offerings, with some achieving significantly higher increases. The patented, top-of-the-line steel alloy is designed to withstand intense heat from friction, high impact from hydraulic hammers and adhesion, which means your new rods will last much longer before they're worn out from galling and pitting. Extending the service life of your rods and tubes by an average of 30 percent means more meters drilled using fewer rods – all with far higher productivity due to reduced stops and increased drilling time.

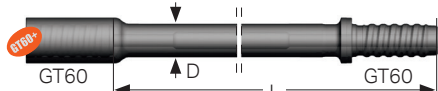
## SANDVIK GT60+

RODS	DIMENSIONS					PART NO.
	L mm	ft	in	D mm	in	
MF-rod, GT60 – round 60 – GT60. For bits from 96 mm.						
	3660	12'	–	60	2 3/8"	7610-1137-85
	4265	14'	–	60	2 3/8"	7610-1143-85
	5485	18'	–	60	2 3/8"	7610-1155-85
	6095	20'	–	60	2 3/8"	7610-1161-85

Female end Ø 85 mm. Flushing hole Ø 22.5 mm.

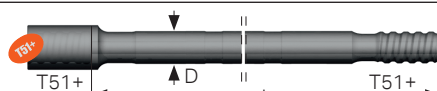
	4265	14'	–	64	2 1/2"	7610-1243-85
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Female end Ø 85 mm. Flushing hole Ø 25 mm.

<b>MF-rod, GT60 – round 60 – GT60. For 92–115 mm bits.</b>						
	3660	12'	–	60	2 3/8"	7610-1437-85
	4265	14'	–	60	2 3/8"	7610-1443-85

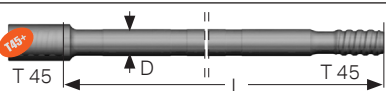
Female end Ø 82 mm. Flushing hole Ø 22.5 mm.

## SANDVIK T51+

RODS	DIMENSIONS					PART NO.
	L			D		
	mm	ft	in	mm	in	
MF-rod, T51– round 52 – T51.						
	3660	12'	–	52	2"	7326-5537-85
	4265	14'	–	52	2"	7326-5543-85
	5485	17'	11	52	2"	7326-5555-85
	6095	20'	–	52	2"	7326-5561-85

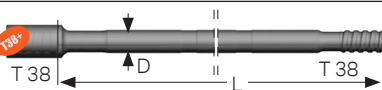
Female end Ø 71 mm. Flushing hole Ø 21.5 mm.

## SANDVIK T45+

RODS	DIMENSIONS					PART NO.
	L mm	ft	in	D mm	in	
MF-rod, T45 – round 46 – T45.						
	3050	10'	–	46	1 1/2"	7325-7731-85
	3660	12'	–	46	1 1/2"	7325-7737-85
	4265	14'	–	46	1 1/2"	7325-7743-85
	6095	20'	–	46	1 1/2"	7325-7761-85

Flushing hole Ø 17 mm. Female end Ø 63 mm.

## SANDVIK T38+

RODS	DIMENSIONS					PART NO.
	L mm	ft	in	D mm	in	
MF-rod, T38 – round 39 – T38.						
	3050	10'	–	39	1 1/2"	7324-4731-85
	3660	12'	–	39	1 1/2"	7324-4737-85
	4265	14'	–	39	1 1/2"	7324-4743-85
	4875	16'	–	39	1 1/2"	7324-4749-85

Flushing hole Ø 14.5 mm. Female end OD 56 mm.

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