

# Epiroc Grey line

Optimized for surface construction and bench drilling





# Drill strings for construction and bench drilling

Diversity of applications and ground conditions can make it challenging to get the most out of the drill steel. With Epiroc Grey line bits, couplings and now rods, you'll get optimal energy transmission and drilling economy every day and for every project.

## Cost-efficient drilling

The Epiroc Grey line products are designed for surface construction applications, with high-quality steel they can optimize rock drilling in less demanding rock conditions. Epiroc Grey line delivers an optimal performance from your drill string, while benefiting your profitability.

## Epiroc quality assured

The Epiroc Grey line products are suitable for the most common top-hammer surface drilling applications, over a range of depths and ground conditions. Epiroc Grey line rods and bits offer the consistent high-quality and reliability that you would expect from Epiroc rock-drilling tools.

## + Main benefits

**Drilling economy** – optimized construction drilling in less demanding rock conditions

**Less downtime** – reducing wear on the rock drill and components, extending the service life

**Epiroc quality and reliability** – greater availability of equipment during the drilling cycle lowers the total cost of ownership



## The same conditions and warranty

All Epiroc products are made in the same quality (the only difference is the performance), therefore the Epiroc Grey line has the same terms and conditions and warranty as any other Epiroc product. The result will vary depending on geology, operator skills, drill rig condition and settings. But we can promise that service life will be better than any other competitor in the same price range.



Scan to read more about our products.



# Quality assured, reliable surface drilling

A stronger, stiffer rod with improved wear resistance for surface construction applications, a perfect match for drill rigs with low utilization rates where consistency and cost optimization are a priority.



## + Sustainability

Minimizing costs – Grey line can transmit power into the rock efficiently and safely, optimizing the drilling cost per meter with less wear, better fuel efficiency and sustainable drilling.



## + Operator in focus

Consistent performance – with greater availability of equipment during the drilling cycle Grey line quality and reliability ensure consistent performance over time.



## + Improved performance

Compatibility – with Epiroc's industry standard T-thread drill string, you can use Grey line bits on the Epiroc Yellow line rods, and on other manufacturers rods using the same common thread type.



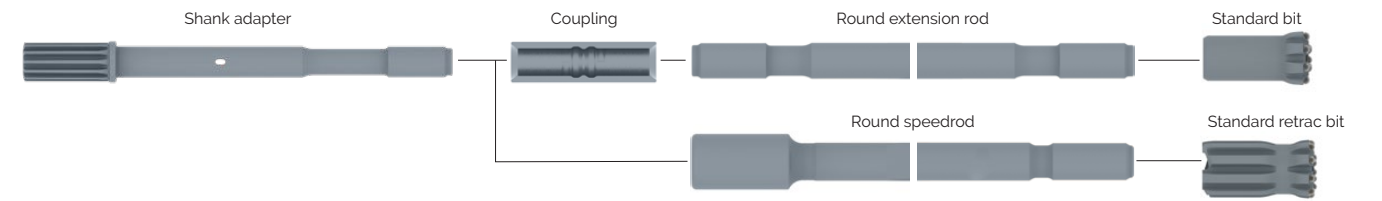
# A comprehensive service offering

Even the best equipment needs to be serviced regularly to make sure it sustains peak performance. An Epiroc service solution offers peace of mind, maximizing availability and performance throughout the lifetime of your equipment. We focus on safety, productivity and reliability.

By combining genuine parts and an Epiroc service from our certified technicians, we safeguard your productivity – wherever you are.

# Epiroc Grey line – Technical specifications

Example of Epiroc Grey line drill string – Example below shows T38



Discover more about Epiroc Grey line drill string family

Example of Epiroc Grey line drill bits



\*Latest design

## Drill bits

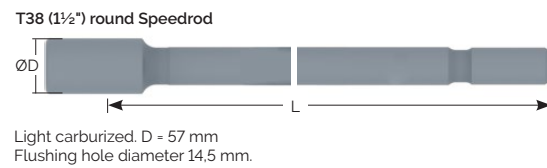
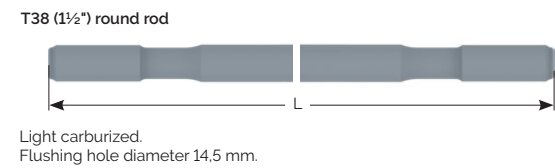
Product No.	Product code	Front shape	Button size	Bit diameter		Retrac	No. of buttons	Buttons x button diameter		Buttons angle		Flushing hole	
				mm	inch			mm gauge	mm center	Gauge	Center	Side	Center
<b>Spherical buttons – T38</b>													
5697000667	135-5064.53-21	Flat face	Std	64	2 ½	No	12	8 x 10	4 x 10	30°	-	2 x 6	2 x 10
5697000809	135-5064-38.53-21	Flat face	Std	64	2 ½	No	9	6 x 12	3 x 11	30°	-	-	3 x 8
5697000933	A35-5064-44.53-21	Flat face	Std	64	2 ½	Yes	9	6 x 12	3 x 11	30°	-	-	3 x 8
5697000680	135-6064-20-45.53-21	Drop Center	Std	64	2 ½	Yes	10	6 x 11	3 x 10, 1 x 10	30°	-	-	3 x 8
5697000755	135-5064-67.53-21	Flat face	Std	64	2 ½	No	12	8 x 10	4 x 10	30°	-	2 x 6	2 x 10
5697000821	135-5076.53-21	Flat face	Std	76	3	No	12	8 x 11	4 x 11	40°	-	-	2 x 11
5697000816	135-5076-45.53-21	Flat face	Std	76	3	Yes	12	8 x 12	4 x 11	35°	-	2 x 7	2 x 10
5697000704	135-6076-20.53-21	Drop Center	Std	76	3	No	10	6 x 13	3 x 11, 1 x 11	35°	-	1 x 7	3 x 9
<b>Ballistic buttons – T38</b>													
5697000725	135-6054-45-67.53-21	Drop Center	Std	54	2 ½	Yes	10	6 x 9	1 x 7, 3 x 8	30°	-	-	3 x 7
5697000737	135-6064-20-45-67.53-21	Drop Center	Std	64	2 ½	Yes	10	6 x 11	3 x 10, 1 x 10	30°	-	-	3 x 9
5697000825	135-6064-67.53-21	Drop Center	Std	64	2 ½	No	9	6 x 12	3 x 11	30°	-	-	3 x 8
*5697003908	A35-6064-44-67.49-20	Drop Center	Std	64	2 ½	Yes	10	6 x 11	3 x 10, 1 x 7	35°	-	3 x 8	-
5697000824	135-6070-20-67.53-21	Drop Center	Std	70	2 ¾	No	10	6 x 12	3 x 10, 1 x 8	30°	-	-	3 x 10
*5697005168	A35-6076-21-44-67.49-20	Drop Center	Std	76	3	Yes	13	8 x 12,7	5 x 11	35°	-	4 x 9	-
5697000692	135-6076-21-45-67.53-21	Drop Center	Std	76	3	Yes	10	6 x 13	3 x 11, 1 x 11	35°	-	-	3 x 9
5697000713	135-6076-21-67.53-21	Drop Center	Std	76	3	No	10	6 x 14	3 x 12, 1 x 10	35°	-	1 x 7	3 x 9
<b>Spherical buttons – T45</b>													
5697000764	136-5076-20.53-21	Flat face	Std	76	3	No	12	8 x 12	4 x 11	35°	-	1 x 7	2 x 11
5697000750	136-5076-20-45.53-21	Flat face	Std	76	3	Yes	13	8 x 12	5 x 11	35°	-	-	2 x 12
5697000810	136-6076-21.53-21	Drop Center	Std	76	3	No	13	8 x 12	4 x 11, 1 x 11	30°	-	-	4 x 9
5697000712	136-5089.53-21	Flat face	Std	89	3 ½	No	14	8 x 12	6 x 11	35°	-	1 x 6	2 x 13
5697000707	136-6089-20.53-21	Drop Center	Std	89	3 ½	No	13	8 x 13	4 x 13, 1 x 13	35°	-	-	4 x 9,5
5697000817	136-6089-20-44.53-21	Drop Center	Std	89	3 ½	Yes	13	8 x 13	4 x 13, 1 x 13	35°	-	-	4 x 9
5697000682	136-5102.53-21	Flat face	Std	102	4	No	14	8 x 14	6 x 12	35°	-	-	2 x 14
5697000778	136-5089-45.53-21	Flat face	Std	89	3 ½	Yes	16	9 x 11	7 x 11	35°	-	-	3 x 11

# Epiroc Grey line – Technical specifications

## Drill bits

Product No.	Product code	Front shape	Button size	Bit diameter		Retrac	No. of buttons	Buttons x button diameter		Buttons angle		Flushing hole	
				mm	inch			mm gauge	mm center	Gauge	Center	Side	Center
<b>Ballistic buttons – T45</b>													
5697000717	136-5076-20-45-67.53-21	Flat face	Std	76	3	Yes	12	8 x 12	4 x 11	35°	-	2 x 7	2 x 11
5697000671	136-6076-44-67.53-21	Drop Center	Std	76	3	Yes	13	8 x 12	4 x 11, 1 x 11	30°	-	-	4 x 9
5697000700	136-6076-45-67.53-21	Drop Center	Std	76	3	Yes	13	8 x 11	4 x 11, 1 x 11	30°	-	1 x 7	4 x 9.5
5697000641	136-6076-67.53-21	Drop Center	Std	76	3	No	13	8 x 11	4 x 11, 1 x 11	35°	-	-	4 x 9
*5697005153	A36-6076-21-44-67.49-20	Drop Center	Std	76	3	Yes	13	8 x 12,7	5 x 11	35°	-	4 x 9	-
5697000795	136-6089-20-45-67.53-21	Drop Center	Std	89	3 ½	Yes	11	6 x 13	3 x 11, 2 x 11	35°	-	-	3 x 11
5697000744	136-6089-21-67.53-21	Drop Center	Std	89	3 ½	No	11	6 x 14	3 x 12, 2 x 10	35°	-	-	3 x 10
*5697004415	A36-6089-21-44-67.49-20	Drop Center	Std	89	3 ½	Yes	-	12 x 12,7	2 x 8	35°	-	4 x 10	-
5697000726	136-6102-45-67.53-21	Drop Center	Std	102	4	No	13	8 x 14	4 x 13, 1 x 13	35°	-	-	4 x 11
5697000830	136-5102-45-67.53-21	Flat face	Std	102	4	Yes	16	9 x 13	7 x 13	35°	-	-	3 x 12
5697000783	136-6115-45-67.53-21	Drop Center	Std	115	4 ½	Yes	14	8 x 14	6 x 13	35°	-	-	4 x 12
<b>Spherical buttons – T51</b>													
5697000733	137-5089.53-21	Flat face	Std	89	3 ½	No	16	9 x 12	7 x 12	35°	-	-	3 x 11
5697000647	137-5089-45.53-21	Flat face	Std	89	3 ½	Yes	16	9 x 12	7 x 12	35°	-	-	3 x 11
5697000796	137-6089-20-44.53-21	Drop Center	Std	89	3 ½	Yes	13	8 x 13	5 x 13	40°	-	-	4 x 10
5697000658	137-5102.53-21	Flat face	Std	102	4	No	16	9 x 12	7 x 12	35°	-	-	3 x 12
5697000666	137-5102-45.53-21	Flat face	Std	102	4	Yes	16	9 x 13	7 x 13	35°	-	-	3 x 12
5697000754	137-6102.53-21	Drop Center	Std	102	4	No	14	8 x 13	4 x 13, 2 x 13	35°	-	-	4 x 11
5697000715	137-6102-20-45.53-21	Drop Center	Std	102	4	Yes	14	8 x 14	4 x 13, 2 x 13	35°	-	-	4 x 11
5697000756	137-6115.53-21	Drop Center	Std	115	4 ½	No	15	8 x 14	4 x 14, 3 x 11	40°	-	-	4 x 13
5697002077	A37-6115-45.53-21	Drop Center	Std	115	4 ½	Yes	14	8 x 14	4 x 13, 2 x 13	40°	-	-	4 x 13
5697000681	137-6127.53-21	Drop Center	Std	127	5	No	15	8 x 14	4 x 14, 3 x 14	40°	-	-	4 x 14
<b>Ballistic buttons – T51</b>													
5697000735	137-5089-67.53-21	Flat face	Std	89	3 ½	No	16	9 x 12	7 x 12	35°	-	-	3 x 11
5697000683	137-6089-20-44-67.53-21	Drop Center	Std	89	3 ½	Yes	13	8 x 13	4 x 13, 1 x 13	40°	-	-	4 x 10
*5697005152	A37-6089-21-44-67.49-20	Drop Center	Std	89	3 ½	Yes	14	12 x 12,7	2 x 8	35°	-	4 x 10	-
5697000684	137-5102-67.53-21	Flat face	Std	102	4	No	16	9 x 13	7 x 13	35°	-	-	3 x 12
5697000833	137-6102-20-45-67.53-21	Drop Center	Std	102	4	Yes	14	8 x 14	4 x 13, 2 x 13	35°	-	-	4 x 11
5697002076	A37-6102-67.53-21	Drop Center	Std	102	4	No	14	8 x 13	6 x 13	40°	-	-	4 x 13
*5697005167	A37-6102-44-67.49-20	Drop Center	Std	102	4	Yes	13	8 x 14,5	4 x 12,9, 1 x 10	-	-	4 x 11	-
5697000829	137-6115-45-67.53-21	Drop Center	Std	115	4 ½	Yes	14	8 x 14	6 x 13	40°	-	-	4 x 13
5697000818	137-6115-67.53-21	Drop Center	Std	115	4 ½	No	14	8 x 14	4 x 14, 2 x 14	40°	-	-	4 x 13

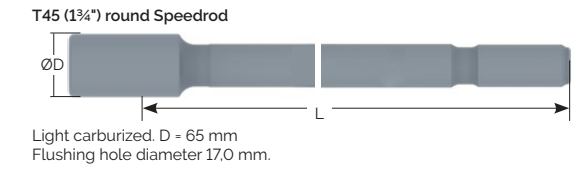
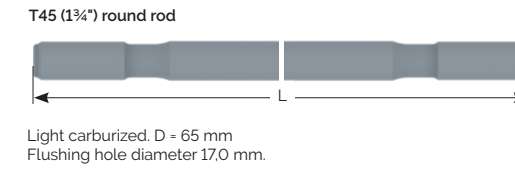
## Extension rods and Speedrods MF – T38



Product No.	Product code	Rod length		Shank thread	Carburized or Surface Hardened	Shape	Section mm	Flushing hole mm	Coupling D mm	Wrench flat	Strike face contact type
		mm	foot/inch								
<b>Extension rods</b>											
5697002945	B35-2731-35-C.54	3 060 mm	10	T38	LC	Round 39	39 mm	14.5	56	YES	Bottom drive
5697002946	B35-2737-35-C.54	3 660 mm	12	T38	LC	Round 39	39 mm	14.5	56	YES	Bottom drive
5697002947	B35-2743-35-C.54	4 265 mm	14	T38	LC	Round 39	39 mm	14.5	56	YES	Bottom drive
<b>Speedrods MF</b>											
5697002948	B35-2831-MF-C.54	3 060 mm	10	T38	LC	Round 39	39 mm	14.5	56	NO	Bottom drive
5697002949	B35-2837-MF-C.54	3 660 mm	12	T38	LC	Round 39	39 mm	14.5	56	NO	Bottom drive
5697002950	B35-2843-MF-C.54	4 262 mm	14	T38	LC	Round 39	39 mm	14.5	56	NO	Bottom drive

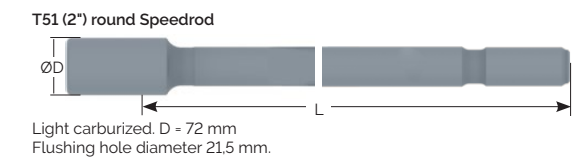
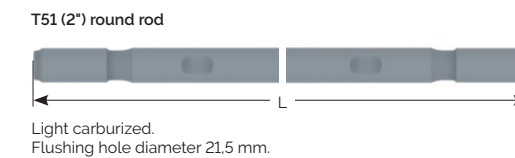
# Epiroc Grey line – Technical specifications

## Extension rods and Speedrods MF – T45



Product No.	Product code	Rod length		Shank thread	Carburized or Surface Hardened	Shape	Section mm	Flushing hole mm	Coupling D mm	Wrench flat	Strike face contact type
		mm	foot/inch								
<b>Extension rods</b>											
5697002951	B36-2931-36-C.54	3 060 mm	10	T45	LC	Round 46	46 mm	17	65	YES	Bottom drive
5697002952	B36-2937-36-C.54	3 660 mm	12	T45	LC	Round 46	46 mm	17	65	YES	Bottom drive
5697002953	B36-2943-36-C.54	4 265 mm	14	T45	LC	Round 46	46 mm	17	65	YES	Bottom drive
<b>Speedrods MF</b>											
5697000930	B36-2918-36-MF-C.02	1 830 mm	6	T45	C	Round 46	46 mm	17	65	YES	Bottom drive
5697002954	B36-4931-MF-C.54	3 060 mm	10	T45	LC	Round 46	46 mm	17	65	NO	Bottom drive
5697002955	B36-4937-MF-C.54	3 660 mm	12	T45	LC	Round 46	46 mm	17	65	NO	Bottom drive
5697002956	B36-4943-MF-C.54	4 262 mm	14	T45	LC	Round 46	46 mm	17	65	NO	Bottom drive
5697002957	B36-4950-MF-C.54	4 975 mm	16	T45	LC	Round 46	46 mm	17	65	NO	Bottom drive
5697002958	B36-4961-MF-C.54	6 095 mm	20	T45	LC	Round 46	46 mm	17	65	NO	Bottom drive

## Extension rods and Speedrods MF – T51



Product no.	Product code	Rod length		Shank thread	Carburized or surface hardened	Shape	Section mm	Flushing hole mm	Coupling D mm	Wrench flat	Strike face contact type
		mm	foot/inch								
<b>Extension rods</b>											
5697002908	B37-5131-C.54	3 050 mm	10	T51	LC	Round 52	52 mm	21.5	71	YES	Bottom drive
5697002909	B37-5137-C.54	3 660 mm	12	T51	LC	Round 52	52 mm	21.5	71	YES	Bottom drive
5697002910	B37-5143-C.54	4 270 mm	14	T51	LC	Round 52	52 mm	21.5	71	YES	Bottom drive
<b>Speedrods MF</b>											
5697003067	B37-5131-MF-C.54	3 050 mm	10	T51	LC	Round 52	52 mm	21.5	71	NO	Bottom drive
5697003068	B37-5137-MF-C.54	3 660 mm	12	T51	LC	Round 52	52 mm	21.5	71	NO	Bottom drive
5697003069	B37-5143-MF-C.54	4 270 mm	14	T51	LC	Round 52	52 mm	21.5	71	NO	Bottom drive
5697003070	B37-5150-MF-C.54	4 975 mm	16	T51	LC	Round 52	52 mm	21.5	71	NO	Bottom drive
5697003071	B37-5155-MF-C.54	5 490 mm	18	T51	LC	Round 52	52 mm	21.5	71	NO	Bottom drive
5697003072	B37-5161-MF-C.54	6 095 mm	20	T51	LC	Round 52	52 mm	21.5	71	NO	Bottom drive

# Epiroc Grey line – Technical specifications

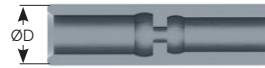
## Couplings



Central stop



Full bridge stop



Cross-Over Coupling

Product No.	Product code	Short description	Diameter (D)		Length	
			mm	inch	mm	inch
<b>T38</b>						
5697002981	C35-0055-35,54	T38-T38	56	2 1/8	190	7 1/2
5697003023	C36-2063-35,54	T38-T45	65	2 3/8	260	10 1/4
90007322	32-T38-55-190-23	T38-T38	55	2 1/8	190	7 1/2
90007337	34-T38/R32-57-247-23	T38-R32	57	2 1/4	247	9 5/8
90007338	34-T38/R38-57-250-23	T38-R38	57	2 1/4	250	9 5/8
<b>T45</b>						
5697002982	C36-0063-36,54	T45-T45	65	2 3/8	210	8 1/4
5697003024	C37-0071-36,54	T45-T51	71	2 7/8	290	11 3/8
5697003025	C35-0057-36,54	T45-T38	57	2 1/4	260	10 1/4
<b>T51</b>						
5697003027	C37-0072-37,54	T51-T51	71	2 7/8	235	9 1/4
5697003028	C37-0077-37,54	T51-T51	77	3	235	9 1/4
5697003029	C36-2063-37,54	T51-T45	65	2 5/8	275	10 5/8
5697003030	C68-2085-37,54	T51-TW60	85	3 1/8	300	11 1/8



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Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.

[epiroc.com](https://www.epiroc.com)

