

Epiroc Grey line

Drilling tools optimized for cost per meter operations



Drill strings for tophammer applications

Diversity of applications and ground conditions can make it challenging to get the most out of the drilling tools. 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 the most common tophammer 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 tophammer surface drilling applications, over a range of depths and ground conditions. Epiroc Grey line bits, couplings and rod offer the consistent high-quality and reliability that you would expect from Epiroc rock drilling tools.

+ Main benefits

Drilling economy – optimized tophammer 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

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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.



Quality assured, reliable tophammer drilling

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



+ Sustainability

Minimizing costs – Epiroc 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 Epiroc Grey line quality and reliability ensure consistent performance over time.



+ Improved performance

Compatibility – with industry standard threaded drill strings from Epiroc, you can use our 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.

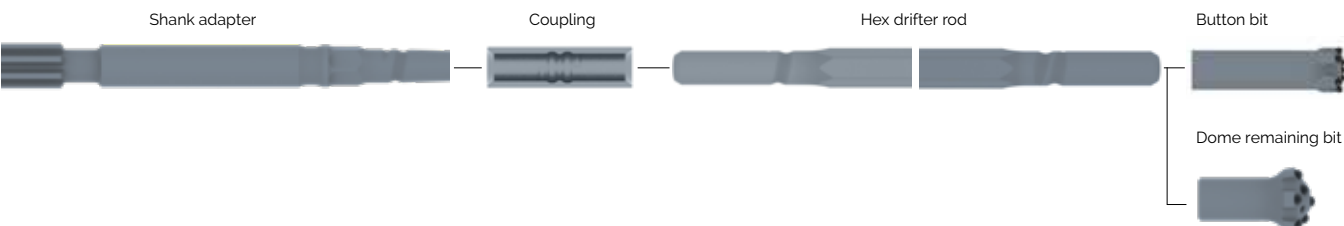


Scan to read more about our products.



Drifting and tunneling – Technical specifications

Example of Epiroc Grey line drill string – Example below shows R28



Example of Epiroc Grey line drill bits



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
Spherical buttons - SR35													
5697000842	A28-5043-39,53-21	Flat face	Std	43	1 11⁄16	No	9	6 x 9	3 x 8	35°	-	1 x 5	3 x 5
5697000749	A28-5045-37,53-21	Flat face	Std	45	1 ¾	No	9	6 x 9	3 x 8	40°	-	1 x 5	3 x 5
5697000728	A28-5048-37,53-21	Flat face	Std	48	1 ⅞	No	9	6 x 10	3 x 9	40°	-	1 x 5	3 x 5
5697000844	A28-5051-37,53-21	Flat face	Std	51	2	No	9	6 x 10	3 x 9	40°	-	1 x 6	3 x 6
Ballistic buttons - SR35													
5697001555	A28-5043-39-67, 53-21	Flat face	Std	43	1 11⁄16	No	9	6 x 9	3 x 8	35°	-	1 x 5	3 x 5
5697000743	A28-5045-37-67,53-21	Flat face	Std	45	1 ¾	No	9	6 x 9	3 x 8	40°	-	1 x 5	3 x 5
5697005771	A03-5045-39-67,39-20	Flat face	Std	45	1 ¾	No	9	6 x 10	3 x 9	35°	-	3 x 5	3 x 5
5697005722	A03-5048-39-67,39-20	Flat face	Std	48	1 ⅞	No	9	6 x 11	3 x 9	35°	-	3 x 5	3 x 5
5697000843	A28-5048-37-67,53-21	Flat face	Std	48	1 ⅞	No	9	6 x 10	3 x 9	40°	-	1 x 5	3 x 5
5697000840	A28-5051-38-67,53-21	Flat face	Std	51	2	No	9	6 x 10	3 x 9	40°	-	1 x 6	3 x 6
Dome bit - SR35													
5697006007	A28-5076-42-24-67,53-21	Dome	Std	76	3	No	10	9 x 13	1 x 13	35°	-	1 x 7	3 x 7
5697006006	A28-5089-42-24-67,53-21	Dome	Std	89	3 ½	No	15	14 x 13	1 x 13	35°	-	2 x 8	2 x 8
5697006005	A28-5102-42-24-67,53-21	Dome	Std	102	4	No	17	16 x 13	1 x 13	35°	-	1 x 8	2 x 8
Spherical buttons - R32													
5697000646	A03-5045-27,53-21	Flat face	Std	45	1 ¾	No	7	5 x 11	2 x 9	30°	-	2 x 6	1 x 5
5697000695	A03-5045-38,53-21	Flat face	Std	45	1 ¾	No	9	6 x 9	3 x 8	30°	-	2 x 5	3 x 5
5697000709	A03-5048-27,53-21	Flat face	Std	48	1 ⅞	No	7	5 x 11	2 x 10	30°	-	2 x 7	1 x 6
5697000721	A03-5048-38,53-21	Flat face	Std	48	1 ⅞	No	9	6 x 10	3 x 8	35°	-		3 x 6
5697000690	A03-6051,53-21	Drop center	Std	51	2	No	9	6 x 10	3 x 9	35°	-	1 x 5	3 x 6
5697000659	A03-5051-37,53-21	Flat	Std	51	2	No	9	6 x 10	3 x 9	35°	-		3 x 5
5697000769	A03-5057-27,53-21	Flat	Std	57	2 ¼	No	7	5 x 12	2 x 11	35°	-	1 x 7	1 x 7
Ballistic buttons - R32													
5697000638	A03-5045-39-67,53-21	Flat face	Std	45	1 ¾	No	9	6 x 10	3 x 8	35°	-	1 x 6	3 x 5
5697000637	A03-5045-38-67,53-21	Flat face	Std	45	1 ¾	No	9	6 x 9	3 x 8	35°	-	1 x 6	3 x 5
5697005771	A03-5045-39-67,39-20	Flat face	Std	45	1 ¾	No	9	6 x 10	3 x 9	35°	-	3 x 5	3 x 5
5697005772	A03-5048-39-67,39-21	Flat face	Std	48	1 ⅞	No	9	6 x 11	3 x 9	35°	-	3 x 5	3 x 5
5697000808	A03-5048-37-67,53-21	Flat face	Std	48	1 ⅞	No	9	6 x 10	3 x 8	35°	-	1 x 6	3 x 6
5697000706	A03-5051-45-67,53-21	Flat face	Std	51	2	Retrac Long	9	6 x 10	3 x 9	30°	-	1 x 6	3 x 6
5697005602	A03-6051-37-67,53-21	Drop center	Std	51	2	No	9	6 x 10	3 x 9	35°	-	1 x 5	3 x 6

Drifting and tunneling – 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		Indexing template for grinding
				mm	inch			mm gauge	mm center	Gauge	Center	Side	Center	
Full Ballistic buttons - R32														
5697004317	A03-5051-27-20-45-66.53-21	Flat face	Std	51	2	Retrac Long	7	5 x 12	2 x 10	35°	-	2 x 7	1 x 6	-
Dome bit - R32														
5697006003	A03-5076-42-24-67.53-21	Dome	Std	76	3	No	10	9 x 13	1 x 13	35°	-	1 x 7	3 x 7	-
5697005037	A03-5089-42-24.53-21	Dome	Std	89	3 ½	No	15	14 x 13	1 x 13	35°	-	2 x 7	2 x 7	-
5697000697	A03-5102-42-24.53-21	Dome	Std	102	4	No	17	16 x 13	1 x 13	35°	-	2 x 7	2 x 7	-
5697006002	A03-5102-42-24.53-21	Dome	Std	102	4	No	15	12 x 12	2 x 12, 1 x 12	35°	-	2 x 8	3 x 6.5	-

Rods

Product No.	Product code	Rod length		Shank thread	Carburized or Surface hardened	Shape	Section	Flushing hole	Coupling D	Wrench flat	Strike face contact type
		mm	foot/inch				mm	mm	mm		
Drifter rods - SR35											
5697006408	B28-0631-35-C,54	3090	10	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
5697006409	B28-0637-35-C,54	3700	12	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
5697006410	B28-0643-35-C,54	4310	14	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
5697006411	B28-0649-35-C,54	4920	16	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
Drifter rods - R32											
5697006429	B03-0624-35-C,54	2400	8	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
5697005062	B03-0631-35-C,54	3090	10	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
5697006404	B03-0537-04-C,54	3700	12	R38	C	Hex 32	35,8	9,6	-	No	Bottom drive
5697005063	B03-0637-35-C,54	3700	12	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
5697006400	B03-0537-35-C,54	3700	12	T38	C	Hex 32	35,8	9,6	-	No	Bottom drive
5697006403	B03-0540-35-C,54	4000	13	T38	C	Hex 32	35,8	9,6	-	No	Bottom drive
5697005064	B03-0643-35-C,54	4310	14	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
5697006401	B03-0543-35-C,54	4310	14	T38	C	Hex 32	35,8	9,6	-	No	Bottom drive
5697004615	B03-0649-35-C,54	4920	16	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
5697005065	B03-0655-35-C,54	5530	18	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
5697006425	B03-0664-35-C,54	6400	21	T38	C	Hex 35	39,6	9,5	-	No	Bottom drive
Speedrods - R32											
5697006406	B03-0637-35-MF-C,54	3700	12	T38	C	Hex 35	39,6	9,5	46	No	Bottom drive
5697006407	B03-0643-35-MF-C,54	4310	14	T38	C	Hex 35	39,6	9,5	46	No	Bottom drive

Couplings

Product No.	Product code	Short description	Threads		Diameter (D)		Length	
					mm	inch	mm	inch
T38								
5697006803	C35-0055-35,54	Semi-bridge	T38	T38	55	2 ⅙	170	6 ¾
5697002981	C35-0055-35,54	Semi-bridge	T38	T38	55	2 ⅙	190	7 ½
5697005127	C35-0055-35-57,54	Full-bridge	T38	T38	55	2 ⅙	190	7 ½
5697006806	C35-0058-35,54	Semi-bridge	T38	T38	58	2 ⅝ ₃₂	190	7 ½
R38								
5697006800	C04-0055-04,54	Semi-bridge	R38	R38	55	2 ⅙	170	6 ¾
5697006801	C04-0055-04,54	Semi-bridge	R38	R38	55	2 ⅙	180	7 ⅙
5697006802	C04-1055-35,54	Crossover F-F	R38	T38	55	2 ⅙	180	7 ⅙
T38/R38								
5697006807	C35-2057-04,54	Adapter F-M	T38	R38	57	2 ¼	250	9 ⅞

Bolting – Technical specifications

Example of Epiroc Grey line drill string – Example below shows R28



Example of Epiroc Grey line drill bits



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
Spherical buttons - SR28													
5697006010	A25-5033-17.53-21	Flat face	Std	33	1 ½	No	7	5 x 7	2 x 7	35°	-	1 x 5	1 x 5
5697006012	A25-5035-27.53-21	Flat face	Std	35	1 ¾	No	7	5 x 9	2 x 7	25°	-	1 x 6	1 x 4
Ballistic buttons - SR28													
5697006013	A25-5033-41-67.53-21	Flat face	Std	33	1 ½	No	7	5 x 8	2 x 7	40°	-	1 x 6	1 x 4
5697006008	A25-5035-27-67.57-21	Flat face	Std	35	1 ¾	No	7	5 x 9	2 x 7	25°	-	1 x 6	1 x 4
Ballistic buttons - R22													
5697006011	A01-5036-17-6753-21	Flat face	Std	36	1 13⁄32	No	7	5 x 8	2 x 7	35°	-	1 x 5	1 x 5
Ballistic buttons - R25													
5697005613	A02-5035-27-67.53-21	Flat face	Std	35	1 ¾	No	7	5 x 8	2 x 7	35°	-	2 x 5	1 x 4.5
5697000781	A02-5038-27-20-67.53-21	Flat face	Std	38	1 ½	No	7	5 x 9	2 x 8	40°	-	1 x 6	1 x 5
Spherical buttons - R28													
5697000719	A07-5038-27.53-21	Flat face	Std	38	1 ½	No	7	5 x 9	2 x 7	35°	-	1 x 6	1 x 5
Spherical buttons - R32													
5697000648	A03-5041-17.53-21	Flat face	Std	41	1 ⅝	No	7	5 x 9	2 x 9	35°	-	2 x 5	1 x 5
5697000705	A03-5043-27.53-21	Flat face	Std	43	1 ¾	No	7	5 x 10	2 x 8	30°	-	2 x 6	1 x 6
5697000644	A03-5043-38.53-21	Flat face	Std	43	1 ¾	No	9	6 x 9	3 x 8	35°	-	1 x 5	3 x 5.5
5697005038	A03-5045-39-70.53-21	Flat face	Std	45	1 ¾	No	9	6 x 10	3 x 9	35°	-	1 x 6	3 x 5
Ballistic buttons - R32													
5697000662	A03-5041-17-67.53-21	Flat face	Std	41	1 ⅝	No	7	5 x 9	2 x 9	35°	-	2 x 5	1 x 5
5697000643	A03-5043-38-67.53-21	Flat face	Std	43	1 ¾	No	9	6 x 9	3 x 8	35°	-		3 x 5.5
5697005615	A03-5076-67.53-21	Flat face	Std	76	3	No	12	8 x 12	4 x 11	35°	-	1 x 7	1 x 9

Bolting – Technical specifications

Rods

Product No.	Product code	Rod length		Shank thread	Carburized or Surface hardened	Shape	Section	Flushing hole	Coupling D	Wrench flat	Strike face contact type
		mm	foot/inch				mm	mm	mm		
R32/SR28											
5697006422	B25-0424-03-C.54	2400	7.9	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006417	B25-0426-03-C.54	2600	8.5	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006420	B25-0427-03-C.54	2700	9	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006416	B25-0428-03-C.54	2800	9.2	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006421	B25-0431-03-C.54	3090	10.1	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006418	B25-0431-03-C.54	3100	10.2	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006419	B25-0433-03-C.54	3300	11	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006423	B25-0437-03-C.54	3700	12	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
R32/R28											
5697005067	B07-0424-03-C.54	2400	7.9	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006434	B07-0424-03-91-C.54	2435	8	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006412	B07-0425-03-C.54	2475	8.1	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006413	B07-0427-03-C.54	2700	9	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006414	B07-0429-03-C.54	2875	9.4	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive
5697006415	B07-0435-03-C.54	3500	11.5	R32	C	Hex 28	31.8	8.8	-	No	Bottom drive

Couplings

Product No.	Product code	Short description	Threads		Diameter (D)		Length	
					mm	inch	mm	inch
R22								
5697006808	C01-0031-01.54	Semi-bridge	R22	R22	31	1 7⁄32	135	5 5⁄16
R32								
5697002980	C03-0044-03.54	Semi-bridge	R32	R32	44	1 47⁄64	160	6 19⁄64
5697006809	C03-1055-04.54	Crossover F-F	R32	R38	55	2 11⁄64	170	6 11⁄16
5697005126	C03-1055-35.54	Crossover F-F	R32	T38	55	2 11⁄64	170	6 11⁄16
5697006810	C03-2045-35.54	Adapter F-M	R32	T38	45	1 3⁄4	220	8 21⁄32

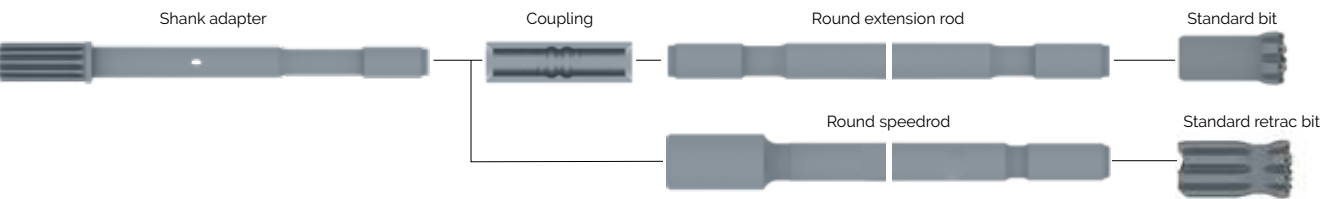
Underground production drilling – Technical specifications

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
Spherical buttons - ST58													
5697001816	A51-5089-21.53-21	Flat face	Heavy Duty	89	3 ½	No	14	8 x 13	6 x 13	35	-	1 x 12	2 x 14
5697001817	A51-5102-21.53-21	Flat face	Heavy Duty	102	4	No	14	8 x 16	6 x 13	35	-	1 x 10	2 x 14
Semi Ballistic buttons - ST58													
5697001818	A51-6089-35-67.53-21	Drop center	Std	89	3 ½	Yes	17	10 x 11	7 x 11	35	-		4 x 10
Spherical buttons - ST68													
5697005605	A52-5102-21.53-21	Flat face	Heavy Duty	102	4	No	14	8 x 16	6 x 13	40	-	1 x 10	2 x 14
Semi Ballistic buttons - ST68													
5697001819	A52-6102-43-67.53-21	Drop center	Std	102	4	Yes	18	10 x 13	6 x 13, 2 x 11	35	-		4 x 12
5697001820	A52-5102-21-67.53-21	Flat face	Heavy Duty	102	4	No	14	8 x 16	6 x 13	40	-	1 x 10	2 x 14

Construction drilling – Technical specifications

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



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
Spherical buttons – T38													
5697000667	A35-5064.53-21	Flat face	Std	64	2 ½	No	12	8 x 10	4 x 10	30°	–	2 x 6	2 x 10
5697000809	A35-5064-38.53-21	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	A35-6064-20-45.53-21	Drop center	Std	64	2 ½	Yes	10	6 x 11	3 x 10, 1 x 10	30°	–	–	3 x 8
5697000755	A35-5064-67.53-21	Flat face	Std	64	2 ½	No	12	8 x 10	4 x 10	30°	–	2 x 6	2 x 10
5697000821	A35-5076.53-21	Flat face	Std	76	3	No	12	8 x 11	4 x 11	40°	–	–	2 x 11
5697000816	A35-5076-45.53-21	Flat face	Std	76	3	Yes	12	8 x 12	4 x 11	35°	–	2 x 7	2 x 10
5697000704	A35-6076-20.53-21	Drop center	Std	76	3	No	10	6 x 13	3 x 11, 1 x 11	35°	–	1 x 7	3 x 9
Ballistic buttons – T38													
5697000725	A35-6054-45-67.53-21	Drop center	Std	54	2 ½	Yes	10	6 x 9	1 x 7, 3 x 8	30°	–	–	3 x 7
5697000737	A35-6064-20-45-67.53-21	Drop center	Std	64	2 ½	Yes	10	6 x 11	3 x 10, 1 x 10	30°	–	–	3 x 9
5697000825	A35-6064-67.53-21	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	A35-6070-20-67.53-21	Drop center	Std	70	2 ½	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	A35-6076-21-45-67.53-21	Drop center	Std	76	3	Yes	10	6 x 13	3 x 11, 1 x 11	35°	–	–	3 x 9
5697000713	A35-6076-21-67.53-21	Drop center	Std	76	3	No	10	6 x 14	3 x 12, 1 x 10	35°	–	1 x 7	3 x 9
Spherical buttons – T45													
5697000764	A36-5076-20.53-21	Flat face	Std	76	3	No	12	8 x 12	4 x 11	35°	–	1 x 7	2 x 11
5697004460	A36-5076-21-45.53-21	Flat face	Std	76	3	Yes	13	8 x 13	5 x 11	35°	–	1 x 9	2 x 9
5697005966	A36-6076-21.49-20	Drop center	Std	76	3	No	13	8 x 12,7	5 x 11	35°	–	–	4 x 9
5697000750	A36-5076-20-45.53-21	Flat face	Std	76	3	Yes	13	8 x 12	5 x 11	35°	–	–	2 x 12
5697000810	A36-6076-21.53-21	Drop center	Std	76	3	No	13	8 x 12	4 x 11, 1 x 11	30°	–	–	4 x 9
5697000778	A36-5089-45.53-21	Flat face	Std	89	3 ½	Yes	16	9 x 11	7 x 11	35°	–	–	3 x 11
5697000712	A36-5089.53-21	Flat face	Std	89	3 ½	No	14	8 x 12	6 x 11	35°	–	1 x 6	2 x 13
5697000707	A36-6089-20.53-21	Drop center	Std	89	3 ½	No	13	8 x 13	4 x 13, 1 x 13	35°	–	–	4 x 9,5
5697005971	A36-6089-44-99.49-20	Drop center	Std	89	3 ½	Yes	16	9 x 11	7 x 11	35°	–	–	3 x 12

Construction drilling – 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
Spherical buttons – T45													
5697005967	A36-6089-21.49-20	Drop center	Std	89	3 ½	No	14	8 x 12,7	4 x 12,7, 2 x 8	35°	–	–	4 x 10
5697005968	A36-6089-21-67.49-20	Drop center	Std	89	3 ½	No	14	8 x 12,7	4 x 12,7, 2 x 8	35°	–	–	4 x 10
5697000817	A36-6089-20-44.53-21	Drop center	Std	89	3 ½	Yes	13	8 x 13	4 x 13, 1 x 13	35°	–	–	4 x 9
5697000682	A36-5102.53-21	Flat face	Std	102	4	No	14	8 x 14	6 x 12	35°	–	–	2 x 14
5697005972	A36-6102-44-99.49-20	Drop center	Std	102	4	Yes	17	9 x 12,7	6 x 12,7, 2 x 10	35°	–	–	3 x 12
5697005969	A36-6102.49-20	Drop center	Std	102	4	No	13	8 x 14,5	4 x 12,7, 1 x 10	35°	–	–	4 x 11
5697005970	A36-6102-67.49-20	Drop center	Std	102	4	No	13	8 x 14,5	4 x 12,7, 1 x 10	35°	–	–	4 x 11
Ballistic buttons – T45													
5697000717	A36-5076-20-45-67.53-21	Flat face	Std	76	3	Yes	12	8 x 12	4 x 11	35°	–	2 x 7	2 x 11
5697000671	A36-6076-44-67.53-21	Drop center	Std	76	3	Yes	13	8 x 12	4 x 11, 1 x 11	30°	–	–	4 x 9
5697000700	A36-6076-45-67.53-21	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	A36-6076-67.53-21	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	A36-6089-20-45-67.53-21	Drop center	Std	89	3 ½	Yes	11	6 x 13	3 x 11, 2 x 11	35°	–	–	3 x 11
5697000744	A36-6089-21-67.53-21	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	A36-6102-45-67.53-21	Drop center	Std	102	4	No	13	8 x 14	4 x 13, 1 x 13	35°	–	–	4 x 11
5697000830	A36-5102-45-67.53-21	Flat face	Std	102	4	Yes	16	9 x 13	7 x 13	35°	–	–	3 x 12
5697000783	A36-6115-45-67.53-21	Drop center	Std	115	4 ½	Yes	14	8 x 14	6 x 13	35°	–	–	4 x 12
Spherical buttons – T51													
5697000733	A37-5089.53-21	Flat face	Std	89	3 ½	No	16	9 x 12	7 x 12	35°	–	–	3 x 11
5697000647	A37-5089-45.53-21	Flat face	Std	89	3 ½	Yes	16	9 x 12	7 x 12	35°	–	–	3 x 11
5697005958	A37-6089-21.49-20	Drop center	Std	89	3 ½	No	14	8 x 12,7	4 x 12,7, 2 x 8	35°	–	–	4 x 10
5697005959	A37-6089-21-44.49-20	Drop center	Std	89	3 ½	Yes	14	8 x 12,8	4 x 12,7, 2 x 9	35°	–	–	4 x 10
5697005964	A37-6089-44-99.49-20	Drop center	Std	89	3 ½	Yes	16	9 x 11	7 x 11	35°	–	–	3 x 12
5697000796	A37-6089-20-44.53-21	Drop center	Std	89	3 ½	Yes	13	8 x 13	5 x 13	40°	–	–	4 x 10
5697004457	A37-5089-21-45.53-21	Flat face	Std	89	3 ½	Yes	14	8 x 13	6 x 13	35°	–	1 x 10	2 x 10
5697000658	A37-5102.53-21	Flat face	Std	102	4	No	16	9 x 12	7 x 12	35°	–	–	3 x 12
5697005960	A37-6102.49-20	Drop center	Std	102	4	No	13	8 x 14,5	4 x 12,7, 1 x 10	35°	–	–	4 x 11
5697000666	A37-5102-45.53-21	Flat face	Std	102	4	Yes	16	9 x 13	7 x 12	35°	–	–	3 x 12
5697000754	A37-6102.53-21	Drop center	Std	102	4	No	14	8 x 13	4 x 13, 2 x 13	35°	–	–	4 x 11
5697000715	A37-6102-20-45.53-21	Drop center	Std	102	4	Yes	14	8 x 14	4 x 13, 2x 13	35°	–	–	4 x 11
5697005036	A37-5102-44.53-21	Flat face	Std	102	4	Yes	16	9 x 14,5	7 x 13	35°	–	–	3 x 14
5697005965	A37-6102-44-99.49-20	Drop center	Std	102	4	Yes	17	9 x 12,7	6 x 12,7, 2 x 10	35°	–	–	3 x 12
5697000756	A37-6115.53-21	Drop center	Std	115	4 ½	No	15	8 x 14	4 x 14, 3 x 11	40°	–	–	4 x 13
5697005607	A37-5115-44.53-21	Flat face	Std	115	4 ½	Yes	16	9 x 14,5	7 x 14,5	35°	–	–	3 x 14
5697005961	A37-6115-44.49-20	Drop center	Std	115	4 ½	Yes	14	8 x 14,5	4 x 14,5, 2 x 10	35°	–	–	4 x 11
5697005962	A37-6115-44-67.49-20	Drop center	Std	115	4 ½	Yes	14	8 x 14,5	4 x 14,5, 2 x 10	35°	–	–	4 x 11
5697002077	137-6115-45.53-21	Drop center	Std	115	4 ½	Yes	14	8 x 14	4 x 13, 2 x 13	40°	–	–	4 x 13
5697000681	A37-6127.53-21	Drop center	Std	127	5	No	15	8 x 14	4 x 14, 3 x 14	40°	–	–	4 x 14
5697005963	A37-6127-44.49-20	Drop center	Std	127	5	Yes	17	8 x 14,5	4 x 14,5, 5 x 11	35°	–	–	4 x 11
Ballistic buttons - T51													
5697000735	A37-5089-67.53-21	Flat face	Std	89	3 ½	No	16	9 x 12	7 x 12	35°	–	–	3 x 11
5697000683	A37-6089-20-44-67.53-21	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	A37-5102-67.53-21	Flat face	Std	102	4	No	16	9 x 13	7 x 13	35°	–	–	3 x 12
5697000833	A37-6102-20-45-67.53-21	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	A37-6115-45-67.53-21	Drop center	Std	115	4 ½	Yes	14	8 x 14	6 x 13	40°	–	–	4 x 13
5697000818	A37-6115-67.53-21	Drop center	Std	115	4 ½	No	14	8 x 14	4 x 14, 2 x 14	40°	–	–	4 x 13

Construction drilling – Technical specifications

Extension rods and Speedrods MF – T38

Product No.	Product code	Rod length		Shank thread	Carburized or Surface hardened	Shape	Section	Flushing hole	Coupling D	Wrench flat	Strike face contact type
		mm	foot/inch				mm	mm	mm		
Extension rods											
5697002945	B35-2731-35-C.54	3060 mm	10	T38	LC	Round 39	39 mm	14.5	56	Yes	Bottom drive
5697002946	B35-2737-35-C.54	3660 mm	12	T38	LC	Round 39	39 mm	14.5	56	Yes	Bottom drive
5697002947	B35-2743-35-C.54	4265 mm	14	T38	LC	Round 39	39 mm	14.5	56	Yes	Bottom drive
Speedrods MF											
5697002948	B35-2831-MF-C.54	3060 mm	10	T38	LC	Round 39	39 mm	14.5	56	No	Bottom drive
5697002949	B35-2837-MF-C.54	3660 mm	12	T38	LC	Round 39	39 mm	14.5	56	No	Bottom drive
5697002950	B35-2843-MF-C.54	4262 mm	14	T38	LC	Round 39	39 mm	14.5	56	No	Bottom drive

Extension rods and Speedrods MF – T45

Product No.	Product code	Rod length		Shank thread	Carburized or Surface hardened	Shape	Section	Flushing hole	Coupling D	Wrench flat	Strike face contact type
		mm	foot/inch				mm	mm	mm		
Extension rods											
5697002951	B36-2931-36-C.54	3060 mm	10	T45	LC	Round 46	46 mm	17	65	Yes	Bottom drive
5697002952	B36-2937-36-C.54	3660 mm	12	T45	LC	Round 46	46 mm	17	65	Yes	Bottom drive
5697002953	B36-2943-36-C.54	4265 mm	14	T45	LC	Round 46	46 mm	17	65	Yes	Bottom drive
Speedrods MF											
5697000930	B36-2918-36-MF-C.02	1830 mm	6	T45	C	Round 46	46 mm	17	65	Yes	Bottom drive
5697002954	B36-4931-MF-C.54	3060 mm	10	T45	LC	Round 46	46 mm	17	65	No	Bottom drive
5697002955	B36-4937-MF-C.54	3660 mm	12	T45	LC	Round 46	46 mm	17	65	No	Bottom drive
5697002956	B36-4943-MF-C.54	4262 mm	14	T45	LC	Round 46	46 mm	17	65	No	Bottom drive
5697002957	B36-4950-MF-C.54	4975 mm	16	T45	LC	Round 46	46 mm	17	65	No	Bottom drive
5697002958	B36-4961-MF-C.54	6095 mm	20	T45	LC	Round 46	46 mm	17	65	No	Bottom drive

Extension rods and Speedrods MF – T51

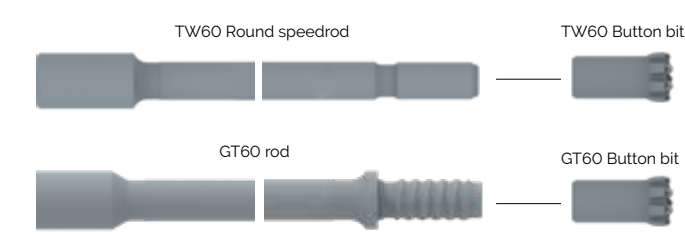
Product no.	Product code	Rod length		Shank thread	Carburized or surface hardened	Shape	Section	Flushing hole	Coupling D	Wrench flat	Strike face contact type
		mm	foot/inch				mm	mm	mm		
Extension rods											
5697002908	B37-5131-C.54	3050 mm	10	T51	LC	Round 52	52 mm	21.5	71	Yes	Bottom drive
5697002909	B37-5137-C.54	3660 mm	12	T51	LC	Round 52	52 mm	21.5	71	Yes	Bottom drive
5697002910	B37-5143-C.54	4270 mm	14	T51	LC	Round 52	52 mm	21.5	71	Yes	Bottom drive
Speedrods MF											
5697003067	B37-5131-MF-C.54	3050 mm	10	T51	LC	Round 52	52 mm	21.5	71	No	Bottom drive
5697003068	B37-5137-MF-C.54	3660 mm	12	T51	LC	Round 52	52 mm	21.5	71	No	Bottom drive
5697003069	B37-5143-MF-C.54	4270 mm	14	T51	LC	Round 52	52 mm	21.5	71	No	Bottom drive
5697003070	B37-5150-MF-C.54	4975 mm	16	T51	LC	Round 52	52 mm	21.5	71	No	Bottom drive
5697003071	B37-5155-MF-C.54	5490 mm	18	T51	LC	Round 52	52 mm	21.5	71	No	Bottom drive
5697003072	B37-5161-MF-C.54	6095 mm	20	T51	LC	Round 52	52 mm	21.5	71	No	Bottom drive

Couplings

Product No.	Product code	Short description	Diameter (D)		Length	
			mm	inch	mm	inch
T38						
5697002981	C35-0055-35.54	T38-T38	56	2 ½	190	7 ½
5697003023	C36-2063-35.54	T38-T45	65	2 ¾	260	10 ¼
T45						
5697002982	C36-0063-36.54	T45-T45	65	2 ¾	210	8 ¼
5697003024	C37-0071-36.54	T45-T51	71	2 ¾	290	11 ¾
5697003025	C35-0057-36.54	T45-T38	57	2 ¼	260	10 ¼
T51						
5697003027	C37-0072-37.54	T51-T51	71	2 ¾	235	9 ¼
5697003028	C37-0077-37.54	T51-T51	77	3	235	9 ¼
5697003029	C36-2063-37.54	T51-T45	65	2 ¾	275	10 ¾
5697003030	C68-2085-37.54	T51-TW60	85	3 ½	300	11 ¾

Surface mining and quarrying – Technical specifications

Example of Epiroc Grey line drill string



Drill bits

Product no.	Product code	Front shape	Button size	Bit diameter		Retrac	No. of buttons	Buttons x button diameter		Buttons angle		Flushing hole		Indexing template for grinding
				mm	inch			mm gauge	mm center	Gauge	Center	Side	Center	
Spherical buttons- TW60														
5697006014	A58-5127.53-21	Flat face	Std	127	5	No	14	8 x 16	6 x 14	35°	-	2 x 8	2 x 16	Upon request
Spherical buttons - GT60														
5697000736	A68-6102.53-21	Drop center	Std	102	4	No	18	9 x 13	9 x 11	35°	-	-	3 x 14	Upon request
5697005600	A68-6115-21-44.53-21	Drop center	Std	115	4 ½	Yes	13	8 x 16	5 x 14.5	35°	-	2 x 8	4 x 11	Upon request
5697005601	A68-6127-21-44.53-21	Drop center	Std	127	5	Yes	17	12 x 16	5 x 11	35°	-	2 x 8	4 x 12	Upon request
5697000665	A68-6140.53-21	Drop center	Std	140	5 ½	No	20	9 x 16	11 x 14	35°	-	-	3 x 14	Upon request
Ballistic buttons- GT60														
5697005618	A68-6110-21-44-67.53-21	Drop center	Std	110	4 5⁄16	Yes	13	8 x 15.83	5 x 14	35°	-	2 x 10	4 x 13	Upon request

Rods

Product No.	Product code	Rod length		Shank thread	Carburized or Surface hardened	Shape	Section	Flushing hole	Coupling D	Wrench flat	Strike face contact type
		mm	foot/inch				mm	mm	mm		
TW60											
5697003032	B58-6037-MF-C.54	3630	12	TW60	C	Round 60	60	22.5	85	No	Bottom drive
5697003033	B58-6043-MF-C.54	4240	14	TW60	C	Round 60	60	22.5	85	No	Bottom drive
5697003034	B58-6050-MF-C.54	4975	16	TW60	C	Round 60	60	22.5	85	No	Bottom drive
5697003035	B58-6055-MF-C.54	5470	18	TW60	C	Round 60	60	22.5	85	No	Bottom drive
5697003036	B58-6061-MF-C.54	6065	20	TW60	C	Round 60	60	22.5	85	No	Bottom drive
GT60											
5697005058	B68-6037-MF-C.54	3660	12	GT60	C	Round 60	60	22.5	85	No	Shoulder drive
5697005057	B68-6043-MF-C.54	4265	14	GT60	C	Round 60	60	22.5	85	No	Shoulder drive
5697006426	B68-6061-MF-C.54	6095	20	GT60	C	Round 60	60	22.5	86	No	Shoulder drive

Epiroc COPROD – Technical specifications

Example of Epiroc COPROD bits



COPROD drill bits

COPROD system	Diameter		Product No.	Product code	Buttons x button diameter (mm)			Gauge buttons angle		Flushing holes	Weight approx. kg
	mm	inch			Gauge outer	Gauge inner	Center	Outer	Inner	No. x size (mm)	
COPROD 89	Drop center front, spherical buttons										
	105	4 ⅜	5697006301	7989-3105-40,10-21	8 x 13	4 x 13	2 x 11	35°	–	4 x 12	8,9
	115	4 ½	5697005614	7989-3115-40,10-21	8 x 14	4 x 14	2 x 13	35°	–	4 x 13	9,5
	Flat front, HD, Spherical buttons										
	105	4 ⅜	5697005608	7989-1105-40,10-21	9 x 13	–	7 x 13	35°	–	3 x 13	9,1
	115	4 ½	5697005609	7989-1115-40,10-21	9 x 14	–	6 x 14	35°	–	3 x 13	9,7
	127	5	5697005610	7989-1127-40,10-21	9 x 14	–	7 x 14	35°	–	3 x 13	10,6
	Convex front, ballistic buttons										
	105	4 ⅜	5697006302	7989-2105-66,10-21	9 x 13	3 x 13	4 x 13	45°	30°	3 x 13	9,9
	115	4 ½	5697005611	7989-2115-66,10-21	7 x 15	4 x 14	3 x 14	45°	30°	3 x 13	9,2
	140	5 ½	5697006312	7989-2140-66,10-21	9 x 14,5	6 x 14,5	5 x 14,5	45°	30°	3 x 13	10,7
COPROD 102	Convex front, ballistic buttons										
	115	4 ½	5697006303	7902-2115-66,10-21	7 x 14	4 x 14	3 x 14	45°	30°	3 x 13	12,5
	Flat front, HD, spherical buttons										
	115	4 ½	5697006313	7902-1115-40,10-21	9 x 14,5	–	6 x 14,5	35°	–	3 x 13	12,6
	127	5	5697006314	7902-1127-40,10-21	9 x 14,5	–	7 x 14,5	35°	–	3 x 13	13,2
	140	5 ½	5697006304	7902-1140-40,10-21	9 x 16	–	9 x 16	35°	–	3 x 13	14,5
COPROD 127	Flat front, HD, spherical buttons										
	165	6 ½	5697006305	7927-1165-40,10-21	10 x 16	–	10 x 16	35°	–	3 x 15	23,8



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Grey line drill string family



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