

Epiroc ET drill strings

Enjoy your uptime



Everybody loves uptime

The Epiroc ET drill strings take durability and reliability to a new level. Their unbeatable uptime help you squeeze the maximum out of your mining assets – delivering higher utilization rates, lower running costs, and more peace of mind.

Maximizing mine uptime is crucial for continuous production and revenue. The ET drill strings, based on a high-precision tube-drilling system from Epiroc, enhance durability and efficiency for the drill rig's vital component – the drill string.

Perfectly integrated with other equipment, it ensures smooth production, minimizing standstills and unplanned maintenance. Our equipment reliability brings peace of mind to operators, supervisors, maintenance personnel, and

mine planners, influencing efficiency and sustainability. A smoothly operating drill rig significantly accelerates ore recovery, reduces maintenance costs, and establishes predictable production schedules.

In other words, the Epiroc ET drill strings not only result in increased productivity for your business – but also better workdays for you and your colleagues.

Enjoy your uptime.

⊕ Main benefits

Maximized utilization rate – fewer failures and accidents due to less damage to the equipment in combination with significantly increased service life, leading to higher productivity

Ease of use – easy to employ with similar parameter settings as previous models, easy uncoupling, easy service planning

Increased profitability – the new ET drill strings provide unparalleled bending endurance, ensuring optimal hole straightness and long service life.



Scan to read more
about our products.

Higher utilization rates, massive cost-savings and increased profits

With Epiroc ET drill strings, you can produce straighter holes to obtain the optimum rock size fragmentation from a blast. The stiffness and accuracy of the drill strings ensure both improved ore recovery and minimal dilution.



The next generation of rock drilling tools

You can rely on the Epiroc ET drill strings to complete the job quickly, safely, and perfectly. Every detail is carefully engineered to improve your workflow and keep operations running smoothly.



+ Sustainability

The system's capability of extremely straight drilling, comes from the innovative tube design, a stiffer drill string thanks to the shoulder drive, the coupling geometry, and significantly improved bending endurance.

As a result, it's up to twice as durable as its predecessor. Maximizing ore recovery, minimizing dilution and waste rock. Simply the most sustainable drilling method for underground production drilling.



+ Operator in focus

The Epiroc ET tube series builds on the legacy of the ST and T drill string family and works with similar settings and drill string torques. ET products feature the patented TW thread technology, ensuring maximum reliability.



+ Improved performance

All ET drill strings now feature a single tube type with shoulder drive throughout, simplifying procurement and management. Each component is perfectly designed to match the power of your rig and maximize drilling productivity.



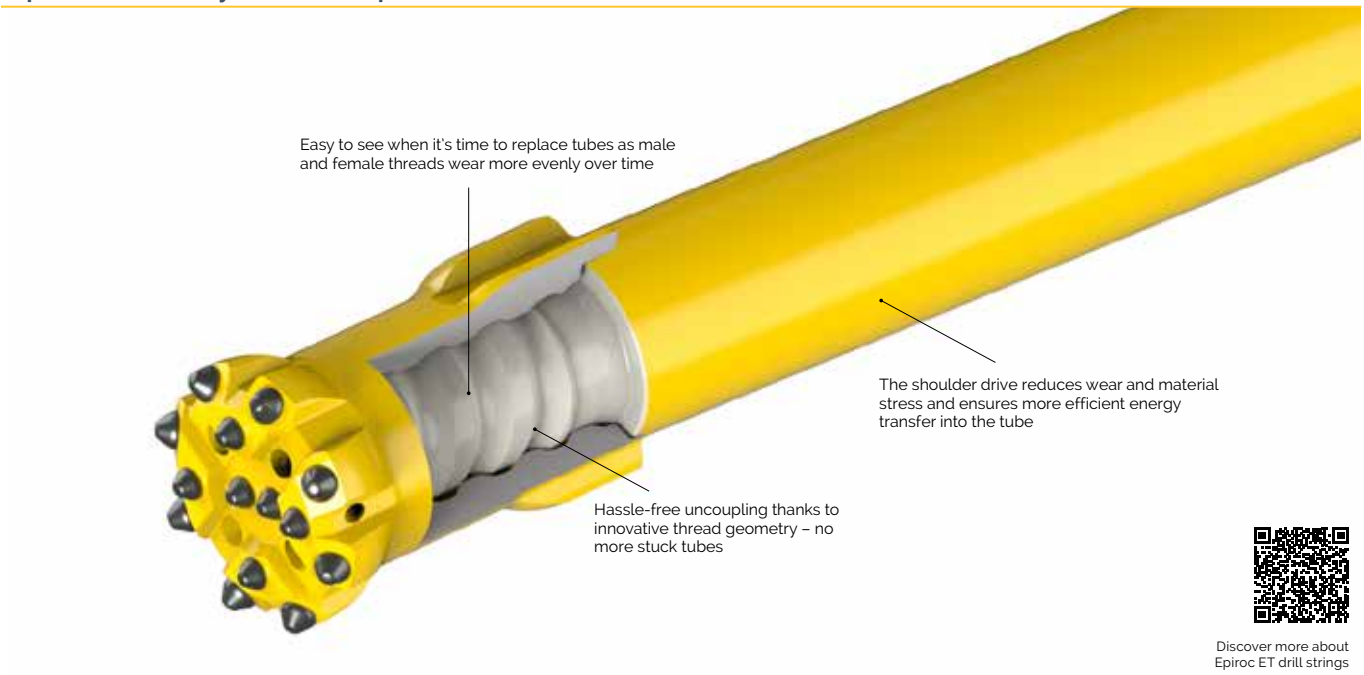
A comprehensive service offering

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.

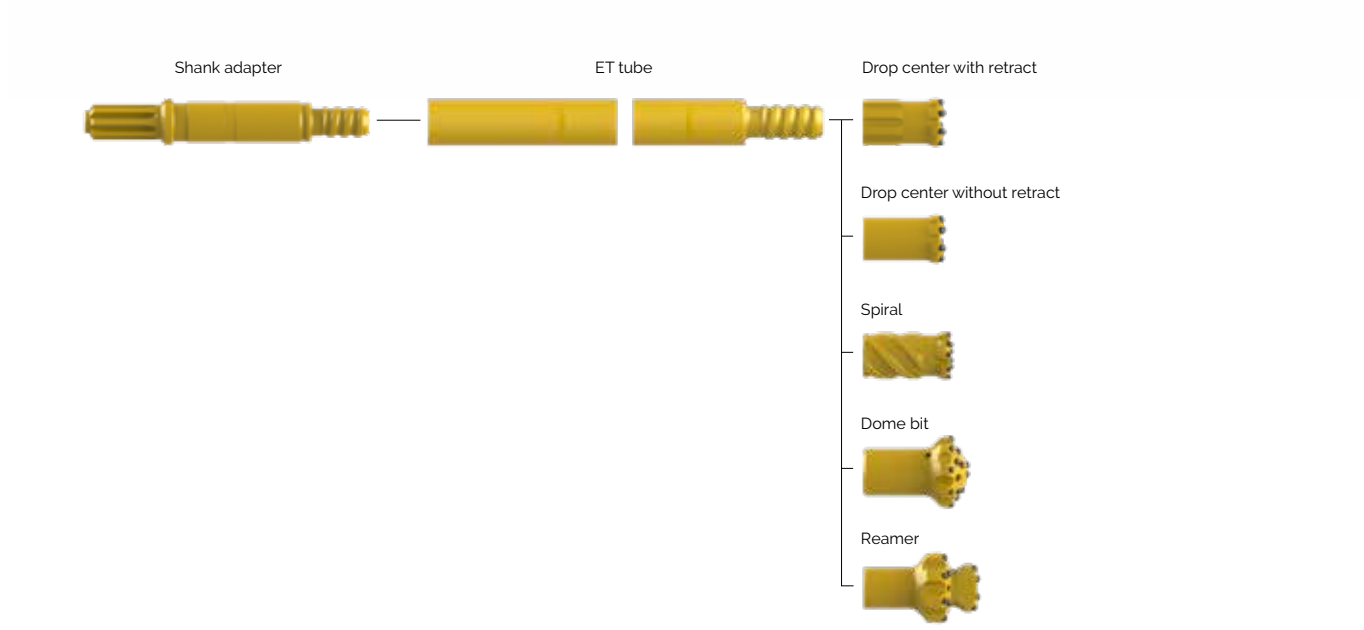
By combining genuine parts and an Epiroc service from our certified technicians, we safeguard your productivity – wherever you are.

Epiroc ET drill strings – Technical specifications

Epiroc ET thread system – Example below shows ET66



Example of an Epiroc ET drill string



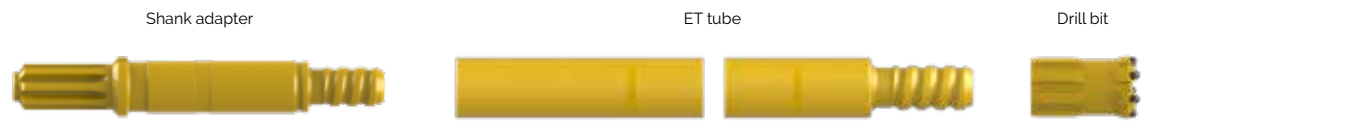
Example of Epiroc ET drill bits

For more drill bits and other technical specifications, see next page or Epiroc tophammer catalogue.



Please note: that all button bits are manufactured over-sized 0,5-2,5 mm (it depends on the size of bit and buttons), meaning that for example a 45,0 mm bit is at least 45,5 mm as new, or the size of a 140,0 mm new bit can be 141,5 mm to 142,5 mm (it depends on the model and type of bit). This is done because of the fast initial wear on button bits. It is important to consider that the drilled hole could vary in size thanks to drilling conditions, drilling practices and ground formation.

The ET way



Epiroc ET38, ET45 and ET51 threads are compatible with regular bottom drive bits, speedrods and shank adapters (T38, T45, T51). When used with other ET tubes, they will connect through the shoulder drive in their respective tube connection.

In combination with regular bottom drive bits, speedrods and shank adapters, the energy transfer will be through the bottom drive and when used with other Epiroc ET tubes the energy transfer will be through the shoulder drive.

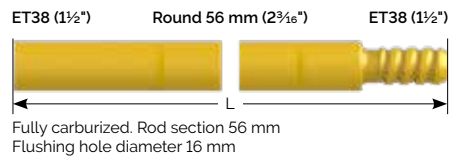


For more products, please see our Rock drilling tool selector.

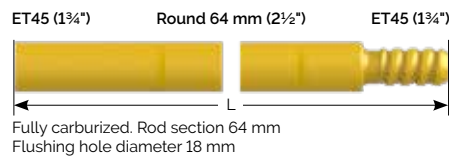
The old way



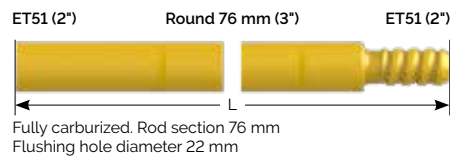
Tubes



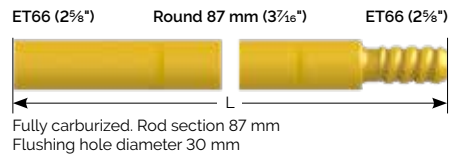
Product No.	Product code	Tube length		Shank thread	Carburized or surface hardened	Section	Flushing hole	Coupling D	Contact type
		mm	foot/inch						
5697002219	235-7012-MF-C,10	1195	4'	ET38	Carburized	56	16	57	Shoulder drive
5697002220	235-7015-MF-C,10	1500	5'	ET38	Carburized	56	16	57	Shoulder drive
5697002221	235-7018-MF-C,10	1805	6'	ET38	Carburized	56	16	57	Shoulder drive
5697002222	235-7030-MF-C,10	3025	10'	ET38	Carburized	56	16	57	Shoulder drive
5697002223	235-7036-MF-C,10	3635	12'	ET38	Carburized	56	16	57	Shoulder drive



Product No.	Product code	Tube length		Shank thread	Carburized or surface hardened	Section	Flushing hole	Coupling D	Contact type
		mm	foot/inch						
5697002208	236-6912-01,10	1195	4'	ET45	Carburized	64	18	65	Shoulder drive
5697002209	236-6915-01,10	1500	5'	ET45	Carburized	64	18	65	Shoulder drive
5697002210	236-6918-01,10	1805	6'	ET45	Carburized	64	18	65	Shoulder drive
5697002211	236-6936-01,10	3635	12'	ET45	Carburized	64	18	65	Shoulder drive



Product No.	Product code	Tube length		Shank thread	Carburized or surface hardened	Section	Flushing hole	Coupling D	Contact type
		mm	foot/inch						
5697001602	237-6612-88,10	1195	4'	ET51	Carburized	76	22	76	Shoulder drive
5697001603	237-6615-88,10	1500	5'	ET51	Carburized	76	22	76	Shoulder drive
5697000633	237-6618-88,10	1805	6'	ET51	Carburized	76	22	76	Shoulder drive
5697001604	237-6637-88,10	3635	12'	ET51	Carburized	76	22	76	Shoulder drive



Product No.	Product code	Tube length		Shank thread	Carburized or surface hardened	Section	Flushing hole	Coupling D	Contact type
		mm	foot/inch						
5697002561	2E6-6812,10	1220	4'	ET66	Carburized	87	30	87	Shoulder drive
5697002562	2E6-6815,10	1525	5'	ET66	Carburized	87	30	87	Shoulder drive
5697000368	2E6-6818,10	1830	6'	ET66	Carburized	87	30	87	Shoulder drive

Drill bits ET66

Product No.	Product code	Front shape	Button size mm	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													
5697004539	1E6-6102-21.57-20	Power face	15.83	102	4	No	13	8x15.83	5x12.7	35°	-	-	4
5697005032	1E6-6115-21-44.57-20	Power face	15.83	115	4 1/2	Yes	14	8x15.83	6x14.5	35°	-	-	4
5697004555	1E6-6127-21.57-20	Power face	15.83	127	5	No	17	8x15.83	4x15.83 5x10.95	35°	-	-	4
5697004404	1E6-6152-21.57-20	Power face	15.83	152	6	No	19	10x15.83	9x14.5	35°	-	-	4
5697002161	1E6-6102-21-44-84.57-D21	Power face	15.83	102	4	Yes	13	8x15.83	5x12.7	35°	-	-	4
5697004566	1E6-9203-135.56-20	Reamer	15.83	203	8	No	23	20x15.83	3x12.7	35°	-	-	4
Trubbnos buttons													
5697004550	1E6-6102-21-70.57-20	Power face	15.83	102	4	No	13	8x15.83	5x12.7	35°	-	-	4
5697002104	1E6-6102-35-70.57-20	Power face	14.5	102	4	No	13	8x14.5	5x12.7	35°	-	-	4
5697002108	1E6-6102-43-70.57-20	Power face	12.7	102	4	Yes	18	10 x 12.7	6x12.7 2x10.95	35°	-	-	4
5697002106	1E6-6115-21-44-70.57-20	Power face	15.83	115	4 1/2	Yes	14	8x15.83	6x14.5	35°	-	-	4

Shank adapters ET66

Rock drill	Brand	Product no.	Product code	Length (L)	Diameter (D)	Spline type	Spline length	Spline diameter	Spline dimension	Special protection
				mm	mm		mm	mm	mm	
COP 4050 MUX	Epiroc	5697002083	4E6-12008-31-T,10	835	90	Straight	112	67.7	11.35	Chromed
COP 4050 MUX	Epiroc	5697005030	4E6-14502-31-T,10	835	90	Helical	113	67.7	11.35	Chromed
HL 1500	Tamrock	5697004915	4E6-14601-T,10	635	80	Straight	112	78.8	14	Standard
COP 3060 MUX	Epiroc	5697002084	4E6-17606-31-T,10	745	90	Straight	154.5	74.8	6.92	Chromed
HL 1500 SPE-90	Tamrock	5697003731	4E6-20101-31-T,10	635	89.8	Straight	119	78.8	13.84	Chromed
1500 SPE-90	Tamrock	5697003763	4E6-20101-T,10	635	90	Straight	119	78.8	13.84	Standard

United in performance. Inspired by innovation.

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.

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