



TOP HAMMER ROCK DRILLING TOOLS

葫芦岛力天重工机械有限公司

Litian Heavy Industry Machinery Co., Ltd



LITIAN HEAVY INDUSTRY MACHINERY CO., LTD

公司简介 COMPANY PROFILE

Litian Heavy Industry Machinery Co., Ltd was founded in 2008, located in Huludao City, Liaoning Province, now has two production bases of 27000 square meters, and it is a high-tech enterprise integrating R & D, production, sales, service of rock drilling tools and TBM cutting tools.

Litian focuses on the production of rock-breaking tools and drilling tools suitable for rock excavation and mining. We work closely with users to design the most suitable products and solutions according to each user's construction conditions, equipment and excavation methods, to help users improve work efficiency and reduce costs. After years of accumulation and development, Litian products have been trusted by innumerable customers.



We focus on the fields:

Top Hammer Rock Drilling Tools

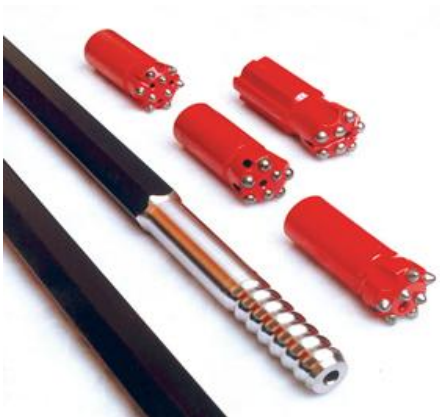
Litian Produces shank adapter, drill rod, drill bit and coupling sleeve for underground mining and tunneling, surface mining and quarries, road and construction.

TBM Disc Cutters

Suitable for TBM and shield construction of tunnel engineering. Litian has now become the largest manufacturer of TBM hard rock disc cutters in China.

Raise Boring Cutters

suitable for all kinds of raise boring rigs and has the advantages of good rock breaking effect, high wear resistance and long service life.



公司一角
COMPANY VIEW



权威认证

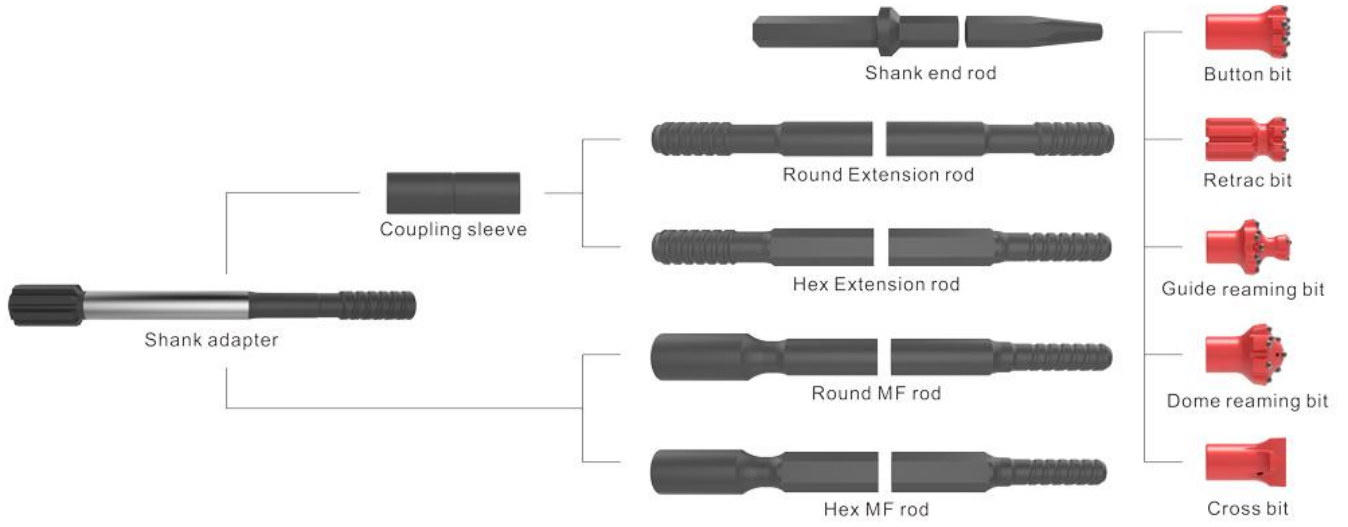
AUTHORITATIVE AUTHENTICATION





应用场景

APPLICATION



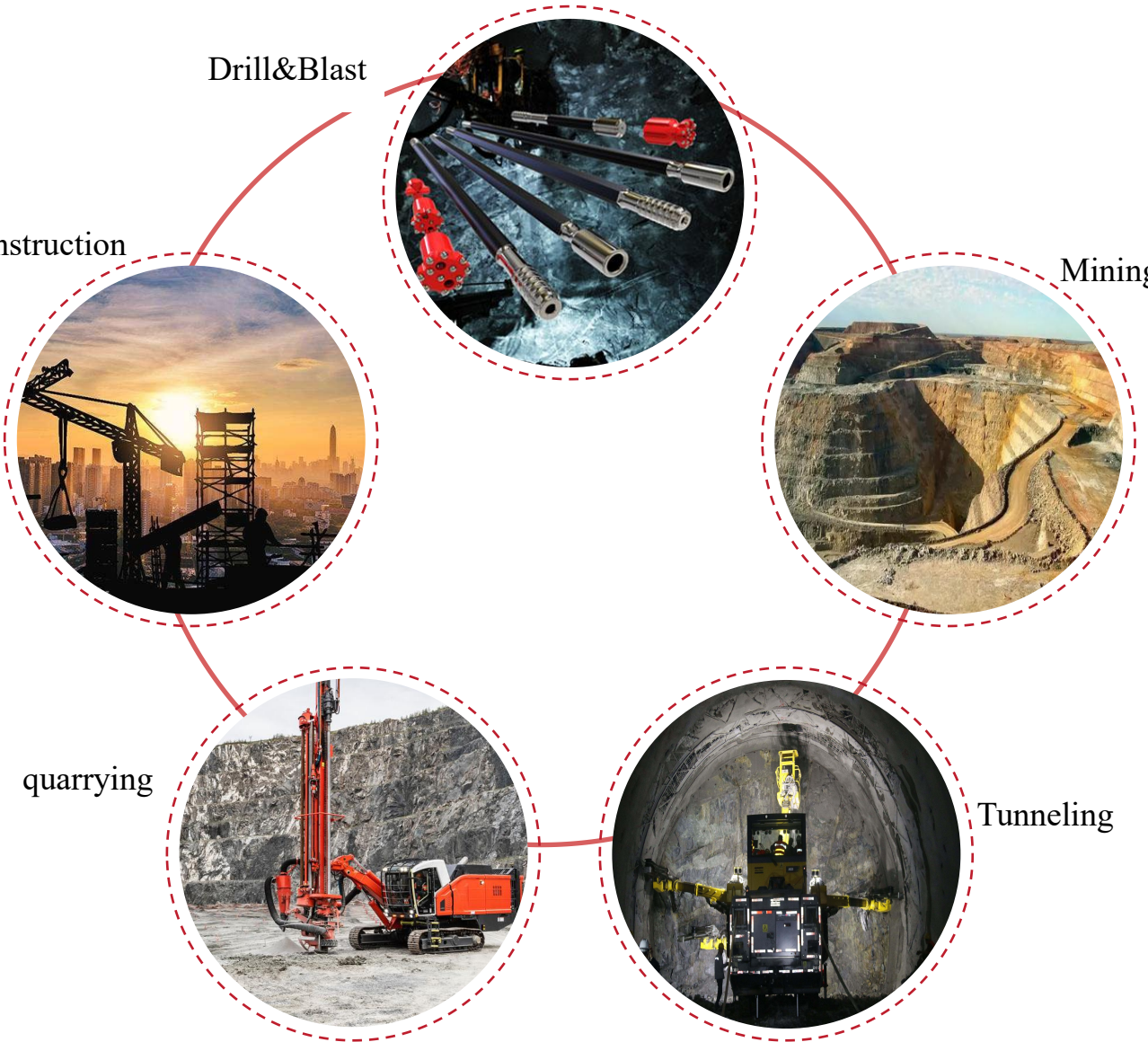
Drill&Blast

construction

Mining

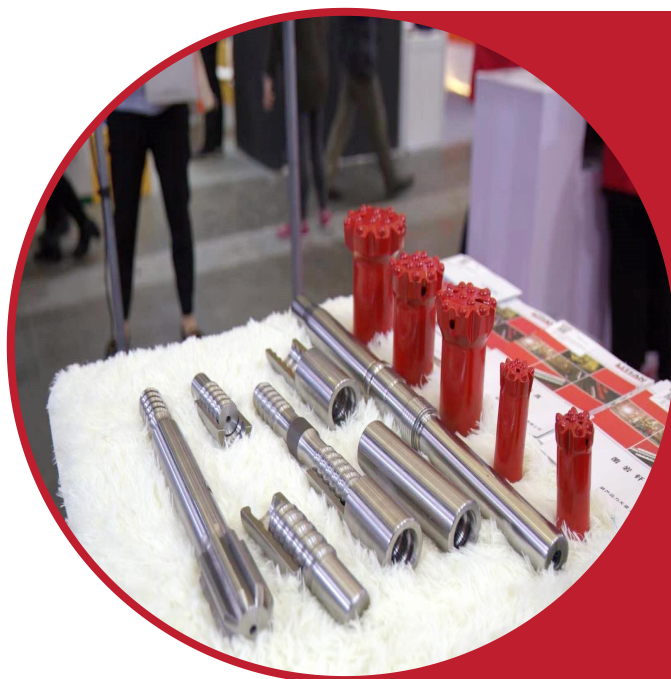
quarrying

Tunneling



产品优势

PRODUCT ADVANTAGE



In more than 10 years of practice, Litian adheres to customer-centric and strives to practice high-quality service standards. Whether it is an individual operator or a large multinational construction company, we can provide better service and technical support.

We are deeply proud of it!

■ High-quality steel

Using high-quality steel and cemented carbide, after a special heat treatment process, the product not only meets the requirements for drilling, but also has a longer service life.

■ Advanced manufacturing technology

Adopting advanced thread manufacturing technology and unique surface treatment technology, through precision manufacturing, the product has the characteristics of tight connection, good energy transfer effect, strong wear resistance and convenient disassembly, etc.

■ Strict quality control

Implementing strict quality control to ensure the high quality of products.



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Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
R22								
 Button bits	32	1 1/4"	3 × 8	1 × 8	1	1	0.3	R22-324ZCP
	33	1 9/64"	5 × 8	2 × 7	2	1	0.3	R22-337ZCP
	35	1 3/8"	5 × 8	2 × 7	2	1	0.4	R22-357ZCP
R25								
 Button bits	38	1 1/2"	5 × 9	2 × 7	2	1	0.6	R25-387ZCP
	41	1 5/8"	5 × 9	2 × 8	2	1	0.5	R25-417ZCP
	42	1 39/64"	5 × 9	2 × 8	2	1	0.5	R25-427ZCP
	43	1 11/16"	5 × 9	2 × 8	2	1	0.6	R25-437ZCP
	45	1 3/4"	5 × 9	2 × 9	2	1	0.6	R25-457ZCP
	48	1 7/8"	5 × 10	2 × 9	2	1	0.6	R25-487ZCP
	51	2"	5 × 10	2 × 10	2	1	0.7	R25-517ZCP
	57	2 1/4"	5 × 11	2 × 10	2	1	1	R25-577ZCP
 Button bits	45	1 3/4"	6 × 9	3 × 8	1	3	1	R25-459ZCP
	51	2"	6 × 10	3 × 9	1	3	1.35	R25-519ZCP
	57	2 1/4"	6 × 10	3 × 10	-	3	1.6	R25-579ZCP
 Button bits	38	1 1/2"	4 × 9	2 × 8	1	1	0.5	R25-386ZCP
	41	1 5/8"	4 × 9	2 × 9	1	1	0.5	R25-416ZCP
	43	1 11/16"	4 × 9	2 × 9	1	1	0.6	R25-436ZCP




Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
R25								
 Retrac button bits	41	1 5/8"	5 × 9	2 × 8	2	1	0.78	R25-417YFP
	45	1 3/4"	6 × 9	3 × 8	1	3	1	R25-459YFP
	48	1 7/8"	6 × 10	3 × 9	1	3	1.1	R25-489YFP
	51	2"	6 × 10	3 × 9	-	3	1.35	R25-519YFP
	55	2 11/64"	6 × 11	3 × 9	1	3	1.54	R25-559YFP
	57	2 1/4"	6 × 10	3 × 10	-	3	1.6	R25-579YFP
	64	2 1/2"	8 × 11	4 × 10	1	2	2.2	R25-6412YFP
R28								
 Button bits	44	1 47/64"	4 × 10	2 × 9	1	1	0.6	R28-446ZCP
	45	1 3/4"	4 × 10	2 × 9	1	1	0.7	R28-456ZCP
	48	1 7/8"	4 × 11	2 × 9	1	1	0.7	R28-486ZCP
 Retrac button bits	45	1 3/4"	6 × 9	3 × 8	1	3	1	R28-459YFP
	51	2"	6 × 10	3 × 9	1	3	1.35	R28-519YFP





Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
R32*12								
 <p>Button bits</p>	50	1 31/32"	3 × 12	2 × 10	1	1	0.76	R32-505ZCP
	55	2 3/32"	3 × 14	1 × 12	1	1	0.88	R32-554ZCP
	60	2 23/64"	3 × 14	2 × 12	1	1	1	R32-605ZCP
	65	2 9/16"	3 × 14	3 × 12	1	1	1.18	R32-656ZCP
	70	2 3/4"	5 × 13	3 × 12	1	1	1.56	R32-708ZCP
 <p>Button bits</p>	55	2 11/64"	4 × 10	2 × 10 1 × 10	1	1	0.8	R32-556ZCT
	60	2 23/64"	4 × 12	2 × 10 1 × 10	2	1	0.9	R32-606ZCT
	60	2 23/64"	6 × 11	2 × 10 1 × 10	1	1	1	R32-608ZCT
	65	2 9/16"	5 × 14	3 × 13	1	1	1.1	R32-658ZCT
	65	2 9/16"	4 × 12	2 × 12 1 × 12	1	1	1.1	R32-656ZCT
 <p>Button bits</p>	58	2 9/32"	6 × 10	3 × 10	1	1	1	R32-589ZCP
	60	2 23/64"	6 × 11	3 × 10	1	1	1	R32-609ZCP
	65	2 9/16"	6 × 12	3 × 12	1	1	1.22	R32-659ZCP
	70	2 3/4"	6 × 12	3 × 12	1	1	1.56	R32-709ZCP
	76	3"	6 × 12	5 × 10	1	1	1.7	R32-7611ZCP





Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
R32								
 Button bits	43	1 11/16"	4 × 10	2 × 9	1	1	0.55	R32-436ZCP
	45	1 3/4"	4 × 11	2 × 9	2	1	0.6	R32-456ZCP
 Button bits	41	1 5/8"	5 × 9	2 × 8	2	1	0.5	R32-417ZCP
	45	1 3/4"	5 × 10	2 × 9	2	1	0.7	R32-457ZCP
	48	1 7/8"	5 × 10	2 × 9	2	1	0.9	R32-487ZCP
	48	1 7/8"	5 × 11	2 × 8	2	1	0.7	R32-487ZCP
	51	2"	5 × 11	2 × 9	2	1	1.1	R32-517ZCP
	57	2 1/4"	5 × 12	3 × 10	1	1	1.3	R32-578ZCP
	60	2 23/64"	5 × 12	3 × 10	1	1	1.4	R32-608ZCP
 Button bits	43	1 11/16"	6 × 9	2 × 8	1	2	0.6	R32-438ZCP
	45	1 3/4"	6 × 9	2 × 9	-	2	0.7	R32-458ZCP
	48	1 7/8"	6 × 10	2 × 9	-	2	0.7	R32-488ZCP
 Button bits	45	1 3/4"	6 × 9	3 × 8	1	3	0.8	R32-459ZCP
	45	1 3/4"	6 × 10	3 × 8	1	3	0.8	R32-459ZCP
	48	1 7/8"	6 × 10	3 × 8	1	3	0.9	R32-489ZCP
	51	2"	6 × 10	3 × 9	1	3	1.1	R32-519ZCP
	51	2"	6 × 10	2 × 10	2	2	1.1	R32-518ZCP
	57	2 1/4"	6 × 11	3 × 10	1	3	1.3	R32-579ZCP
	64	2 1/2"	6 × 12	3 × 11	2	1	1.6	R32-649ZCP
	64	2 1/2"	6 × 12	4 × 10	1	2	1.6	R32-6410ZCP



Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
R32								
 Button bits	64	2 1/2"	8 × 10	4 × 10	2	2	1.6	R32-6412ZCP
	76	3"	8 × 11	4 × 11	2	2	2.8	R32-7612ZCP
	89	3 1/2"	8 × 12	4 × 12	-	2	2.9	R32-8912ZCP
	89	3 1/2"	6 × 14	4 × 12	1	3	2.9	R32-8910ZCP
 Retrac button bits	45	1 3/4"	6 × 9	3 × 8	1	3	0.9	R32-459YFP
	48	1 7/8"	6 × 10	3 × 9	1	3	1.1	R32-489YFP
	51	2"	6 × 10	3 × 9	-	3	1.2	R32-519YFP
	57	2 1/4"	6 × 10	3 × 10	-	3	1.7	R32-579YFP
	64	2 1/2"	6 × 11	3 × 10	1	2	2.2	R32-649YFP
 Retrac button bits	60	2 23/64"	8 × 10	4 × 9	1	2	1.7	R32-6012YFP
	64	2 1/2"	8 × 10	4 × 10	2	2	1.9	R32-6412YFP
	76	3"	8 × 12	4 × 11	2	2	2.2	R32-7612YFP
 Retrac button bits	76	3"	8 × 11	4 × 11 1 × 11	-	4	3.3	R32-7613YFA
 Dome reaming bits	76	3"	9 × 13	1 × 12	-	2	2	R32-7610KKP
	102	4"	8 × 13	7 × 13	2	2	3.7	R32-10215KKP
	102	4"	8 × 13	9 × 13	2	2	3.8	R32-10217KKP



Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
R32								
 Pilot reaming bits	76	3"	12 × 12	4 × 10	-	2	2.5	R32-7616D × P
	89	3 1/2"	12 × 12	4 × 10	-	2	3.4	R32-8916D × P
	102	4"	12 × 13	3 × 10	-	2	3.4	R32-10215D × P
	102	4"	14 × 12	3 × 10	-	2	3.8	R32-10217D × P
	102	4"	8 × 14	7 × 12	-		4.8	R32-10215D × P
SR35								
 Dome reaming bits	89	3 1/2"	8 × 13	7 × 13	1	2	3	SR35-8915KKP
	102	4"	8 × 13	7 × 13	2	2	3.7	SR35-10215KKP
R38								
 Button bits	64	2 1/2"	6 × 12	3 × 11	-	3	1.6	R38-649ZCP
	64	2 1/2"	6 × 12	4 × 10	1	2	1.6	R38-6410ZCP
	64	2 1/2"	8 × 11	4 × 10	1	2	1.6	R38-6412ZCP
	76	3"	6 × 12	4 × 11	-	2	2.8	R38-7610ZCP
 Button bits	64	2 1/2"	8 × 10	4 × 10	-	2	1.7	R38-6412ZCP
	76	3"	8 × 12	4 × 12	1	2	1.9	R38-7612ZCP
 Button bits	89	3 1/2"	7 × 13	5 × 12	1	3	3.3	R38-8912ZCP
	76	3"	6 × 13	3 × 11 1 × 10	1	3	1.9	R38-7610ZCA
	89	3 1/2"	6 × 13	3 × 11 2 × 11	1	3	3.3	R38-8911ZCA






Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
R38								
 Button bits	76	3"	8 × 11	4 × 11 1 × 11	-	4	2.9	R38-7612ZCA
 Retrac button bits	64	2 1/2"	8 × 10	4 × 10	2	2	1.9	R38-6412YFP
	76	3"	8 × 12	4 × 11	2	2	2.2	R38-7612YFP
	64	2 1/2"	6 × 11	3 × 10	1	2	1.9	R38-649YFP
	64	2 1/2"	6 × 11	3 × 10 1 × 9	1	2	1.9	R38-6410YFA
	66	2 19/32"	6 × 11	3 × 10 1 × 9	1	2	1.9	R38-6610YFA
 Retrac button bits	64	2 1/2"	8 × 10	4 × 10 1 × 9	1	4	1.9	R38-6413YFA
	70	2 3/4"	8 × 10	4 × 10 1 × 9	1	4	2.4	R38-7013YFA
	76	3"	8 × 11	4 × 11 1 × 11	-	4	3.3	R38-7613YFA
	89	3 1/2"	8 × 12	4 × 12 2 × 10	1	4	5.3	R38-8914YFA
	89	3 1/2"	8 × 12	4 × 11 1 × 11	1	4	5.3	R38-8913YFA



Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
T38								
 Button bits	60	2 23/64"	5 × 12	3 × 10	1	1	1.6	T38-608ZCP
	64	2 1/2"	6 × 12	3 × 10	3	0	1.6	T38-649ZCP
	76	3"	6 × 12	3 × 12	2	1	2.4	T38-769ZCP
  Button bits	64	2 1/2"	8 × 10	4 × 10	-	2	1.6	T38-6412ZCP
	76	3"	8 × 12	4 × 11	1	2	2.6	T38-7612ZCP
	89	3 1/2"	7 × 13	5 × 12	1	3	3.3	T38-8912ZCP
	89	3 1/2"	8 × 13	5 × 12	2	2	3.3	T38-8913ZCP
	89	3 1/2"	8 × 13	6 × 12	2	2	3.3	T38-8914ZCP
	89	3 1/2"	9 × 12	6 × 12	1	3	3.3	T38-8915ZCP
	102	4"	8 × 14	7 × 12	1	2	4.7	T38-10215ZCP
 Button bits	64	2 1/2"	6 × 11	3 × 10 1 × 10	1	3	1.7	T38-6410ZCA
	70	2 3/4"	6 × 12	3 × 10 1 × 10	1	3	2.2	T38-7010ZCA
	76	3"	6 × 13	3 × 11 1 × 10	1	3	2.3	T38-7610ZCA
	89	3 1/2"	6 × 13	3 × 11 2 × 11	1	3	3.3	T38-8911ZCA


Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
T38								
 Button bits	64	2 1/2"	8 × 10	4 × 10 1 × 9	1	4	1.7	T38-6413ZCA
	76	3"	8 × 11	4 × 11 1 × 11	-	4	2.7	T38-7613ZCA
	89	3 1/2"	8 × 12	4 × 11 1 × 11	1	4	3.3	T38-8913ZCA
	89	3 1/2"	8 × 12	4 × 12 2 × 10	-	4	3.3	T38-8914ZCA
	102	4"	8 × 12	4 × 12 4 × 11	-	4	4.7	T38-10216ZCA
	102	4"	8 × 13	4 × 12 3 × 12	-	4	4.7	T38-10215ZCA
 Retrac button bits	64	2 1/2"	8 × 10	4 × 10	2	2	1.9	T38-6412YFP
	76	3"	8 × 12	4 × 11	2	2	2.2	T38-7612YFP
	64	2 1/2"	6 × 11	3 × 10	1	2	1.9	T38-649YFP
	64	2 1/2"	6 × 11	3 × 10 1 × 9	1	2	1.9	T38-6410YFA
	66	2 19/32"	6 × 11	3 × 10 1 × 9	1	2	1.9	T38-6610YFA
 Retrac button bits	64	2 1/2"	8 × 10	4 × 10 1 × 9	1	4	1.9	T38-6413YFA
	70	2 3/4"	8 × 10	4 × 10 1 × 9	1	4	2.4	T38-7013YFA
 Retrac button bits	65	2 9/16"	6 × 12	4 × 10	1	2	3.1	T38-6510YLP




Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
T38								
 Dome reaming bits	102	4"	8 × 13	9 × 13	2	2	3.8	T38-10217KKP
	125	4 59/64"	9 × 13	10 × 13	2	2	7.5	T38-12519KKP
	127	5"	9 × 13	10 × 13	2	2	8	T38-12719KKP
	152	6"	9 × 16	11 × 16	2	2	12.3	T38-15220KKP
 Pilot reaming bits	89	3 1/2"	12 × 12	4 × 10	-	2	3.4	T38-8916D × P
	102	4"	8 × 14	7 × 11	-		4.3	T38-10215D × P
	115	4 1/2"	8 × 14	7 × 12	-		5.8	T38-11515D × P
	127	5"	8 × 14	7 × 12	-		7.7	T38-12715D × P
	127	5"	8 × 14	7 × 12	-		6.5	T38-12715D × P
	127	5"	10 × 14	7 × 12	-		6.6	T38-12717D × P
	152	6"	8 × 16	7 × 14	-		13.3	T38-15215D × P
	178	7"	16 × 16	3 × 14	-		19.7	T38-17819D × P






Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
T45								
 <p>Button bits</p>	76	3"	8 × 12	4 × 11	2	2	2.6	T45-7612ZCP
	76	3"	8 × 12	4 × 12	1	2	2.4	T45-7612ZCP
	89	3 1/2"	7 × 13	5 × 12	1	3	3.5	T45-8912ZCP
	89	3 1/2"	8 × 13	5 × 12	2	2	3.7	T45-8913ZCP
	89	3 1/2"	8 × 13	6 × 13	-	2	3.7	T45-8914ZCP
	102	4"	8 × 14	7 × 12	2	2	5	T45-10215ZCP
	102	4"	9 × 12	6 × 12	-	2	5	T45-10215ZCP
	115	4 1/2"	9 × 14	7 × 13	1	3	6.8	T45-11516ZCP
	115	4 1/2"	8 × 16	7 × 13	2	2	6.8	T45-11515ZCP
 <p>Button bits</p>	76	3"	6 × 13	3 × 11 1 × 10	1	3	2.4	T45-7610ZCA
	76	3"	8 × 12	4 × 11 1 × 11	-	4	2.6	T45-7613ZCA
	89	3 1/2"	8 × 12	4 × 12 1 × 11	-	4	3.6	T45-8913ZCA
	89	3 1/2"	8 × 14	4 × 14 2 × 10	-	4	3.7	T45-8914ZCA
	102	4"	8 × 12	4 × 12 4 × 11	-	4	4.7	T45-10216ZCA
	102	4"	8 × 13	4 × 12 3 × 12	-	4	4.7	T45-10215ZCA






Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
T45								
 Retrac button bits	76	3"	8 × 12	4 × 11	2	2	2.2	T45-7612YFP
	89	3 1/2"	8 × 13	5 × 12	2	2	5.2	T45-8913YFP
	102	4"	9 × 12	6 × 12	-	3	6.5	T45-10215YFP
	115	4 1/2"	9 × 14	7 × 13	-	3	10	T45-11516YFP
	115	4 1/2"	9 × 14	6 × 13	-	3	10	T45-11515YFP
 Retrac button bits	76	3"	8 × 11	4 × 11 1 × 11	-	4	3.2	T45-7613YFA
	89	3 1/2"	8 × 12	4 × 12 2 × 10	1	4	5.4	T45-8914YFA
	102	4"	8 × 12	4 × 12 3 × 12	-	4	7.8	T45-10215YFA
	102	4"	8 × 13	4 × 12 4 × 12	-	4	7.8	T45-10216YFA
	115	4 1/2"	8 × 14	4 × 13 3 × 12	-	4	7.8	T45-11515YFA
 Retrac button bits	76	3"	8 × 13	4 × 11 1 × 11	1	4	3.5	T45-7613YLA
	89	3 1/2"	8 × 12	4 × 12 1 × 12	1	4	4.7	T45-8913YLA
 Dome reaming bits	152	6"	9 × 16	11 × 16	2	2	12.3	T45-15220KKP
 Pilot reaming bits	102	4"	8 × 12	9 × 10	-		4.2	T45-10217D × P
	152	6"	8 × 16	10 × 14	-		12.8	T45-15218D × P
	152	6"	8 × 14	7 × 14	-		12.8	T45-15215D × P







Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
T51								
 Button bits	89	3 1/2"	6 × 16	4 × 13	-	2	4.5	T51-8910ZCP
	102	4"	6 × 16	4 × 14	-	2	5.8	T51-10210ZCP
	89	3 1/2"	7 × 13	5 × 12	1	3	2.7	T51-8912ZCP
	89	3 1/2"	9 × 12	6 × 12	1	3	4.9	T51-8915ZCP
	89	3 1/2"	8 × 13	5 × 12	2	2	4.9	T51-8913ZCP
	89	3 1/2"	8 × 13	6 × 12	-	2	4.9	T51-8914ZCP
	102	4"	8 × 14	7 × 12	2	2	5.8	T51-10215ZCP
	102	4"	8 × 16	6 × 13	2	2	6	T51-10214ZCP
	115	4 1/2"	9 × 14	7 × 13	1	3	6.8	T51-11516ZCP
	115	4 1/2"	8 × 16	7 × 13	2	2	6.8	T51-11515ZCP
	127	5"	8 × 16	9 × 12	-	2	7.5	T51-12717ZCP
 Button bits	89	3 1/2"	9 × 11	6 × 10	-	2	4.6	T51-8915ZCP
	102	4"	9 × 12	7 × 12	-	3	5.9	T51-10216ZCP
	102	4"	9 × 12	6 × 12	-	3	5.8	T51-10215ZCP
	115	4 1/2"	9 × 14	7 × 13	1	3	6.6	T51-11516ZCP
	127	5"	9 × 14	7 × 13	-	3	7.5	T51-12716ZCP
	127	5"	9 × 14	8 × 14	-	3	8.4	T51-12717ZCP
	152	6"	9 × 16	11 × 14	-	3	11.1	T51-15220ZCP

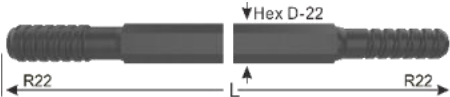
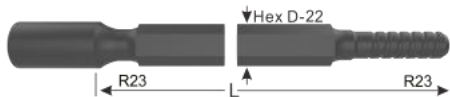
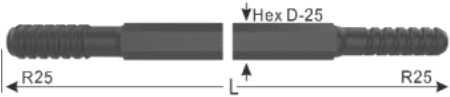
Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
T51								
 Button bits	89	3 1/2"	8 × 12	4 × 11 1 × 11	-	4	4.6	T51-8913ZCA
	89	3 1/2"	8 × 12	4 × 12 2 × 10	1	4	4.5	T51-8914ZCA
	102	4"	8 × 12	4 × 12 4 × 11	-	4	4.7	T51-10216ZCA
	115	4 1/2"	8 × 14	4 × 13 2 × 13	1	4	6.8	T51-11514ZCA
	127	5"	8 × 14	4 × 14 4 × 13	-	4	7.5	T51-12716ZCA
 Button bits	165	6 1/2"	9 × 16	9 × 14 4 × 14	-	3	14.4	T51-16522ZCA
	178	7"	9 × 16	9 × 16 4 × 14	-	3	15.1	T51-17822ZCA
 Button bits	89	3 1/2"	8 × 12	4 × 12	-	4	3.6	T51-8912ZCH
	102	4"	9 × 13	4 × 13	-	4	4.1	T51-10213ZCH
	115	4 1/2"	9 × 13	4 × 13	-	4	6.3	T51-11513ZCH
	127	5"	8 × 16	6 × 14	-	4	7.4	T51-12714ZCH
	152	6"	8 × 18	6 × 16	-	4	12	T51-15214ZCH
 Retrac button bits	89	3 1/2"	8 × 12	4 × 12 2 × 10	1	4	5.3	T51-8914YLA
	89	3 1/2"	8 × 12	4 × 11 1 × 11	1	4	5.3	T51-8913YFA

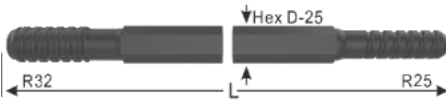
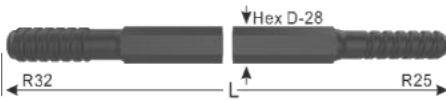
Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
T51								
 <p>Retrac button bits</p>	89	3 1/2"	8 × 13	5 × 12	2	2	4.6	T51-8913YFP
	102	4"	8 × 14	7 × 12	1	2	7.1	T51-10215YFP
	102	4"	9 × 12	6 × 12	-	3	7.1	T51-10215YFP
	115	4 1/2"	9 × 14	7 × 13	-	3	10	T51-11516YFP
	115	4 1/2"	9 × 14	6 × 13	-	3	10	T51-11515YFP
	127	5"	9 × 14	7 × 13	-	3	13	T51-12716YFP
 <p>Retrac button bits</p>	89	3 1/2"	8 × 12	4 × 12 2 × 10	1	4	5.4	T51-8914YFA
	102	4"	8 × 12	4 × 12 3 × 12	-	4	7.8	T51-10215YFA
	102	4"	8 × 13	4 × 12 4 × 12	-	4	7.8	T51-10216YFA
	115	4 1/2"	8 × 14	4 × 13 3 × 12	-	4	7.8	T51-11515YFA
	115	4 1/2"	8 × 14	4 × 14 3 × 12	-	4	7.8	T51-11515YFA
	115	4 1/2"	8 × 14	4 × 14 4 × 12	-	4	10	T51-11516YFA
 <p>Retrac button bits</p>	89	3 1/2"	9 × 11	3 × 11 2 × 10	1	3	4.8	T51-8914YFA
	102	4"	9 × 12	3 × 12 3 × 11	1	3	6.9	T51-10215YFA
	110	4 21/64"	9 × 14	6 × 12 2 × 11	-	3	10	T51-11017YFA
	127	5"	8 × 16	4 × 14 4 × 14	-	4	13.5	T51-12716YFA

Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
T51								
 Retrac button bits	102	4"	8 × 14	4 × 13 1 × 13	-	2	10.1	T51-10213YLA
	115	4 1/2"	9 × 14	6 × 12 4 × 12	-	3	9.45	T51-11519YLA
 Dome reaming bits	152	6"	9 × 16	11 × 16	2	2	12.3	T51-15220KKP
 Pilot reaming bits	127	5"	12 × 14	7 × 12	-		5.9	T51-12719D × P
GT60								
 Button bits	92	3 5/8"	8 × 14	4 × 12 2 × 12	-	4	4.1	GT60-9214ZCA
	96	3 25/32"	8 × 14	4 × 12 2 × 12	-	4	6	GT60-9614ZCA
 Button bits	102	4"	9 × 13	9 × 11	-	2	7	GT60-10218ZCP
	115	4 1/2"	9 × 14	10 × 12	-	2	9.4	GT60-11519ZCP
	127	5"	9 × 16	10 × 14	-	2	9.6	GT60-12719ZCP
	140	5 1/2"	9 × 16	10 × 14	-	2	10.5	GT60-14019ZCP
	152	6"	9 × 16	12 × 14	-	3	15	GT60-15221ZCP
 Retrac button bits	92	3 5/8"	9 × 12	9 × 12	-	2	5.1	GT60-9218YFP
	96	3 25/32"	9 × 12	9 × 12	-	2	6.5	GT60-9618YFP
	102	4"	9 × 13	10 × 12	-	2	8.5	GT60-10219YFP

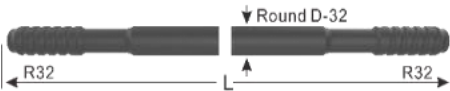
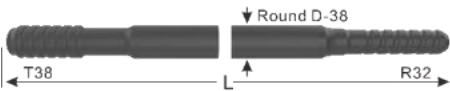
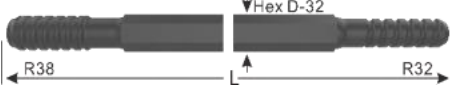
Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
GT60								
 Retrac button bits	115	4 1/2"	9 × 14	10 × 12	-	3	10.8	GT60-11519YFP
	127	5"	9 × 16	10 × 14	-	3	15	GT60-12719YFP
	140	5 1/2"	9 × 16	10 × 14	-	3	15	GT60-14019YFP
	152	6"	9 × 16	12 × 16	-	3	20	GT60-15221YFP
 Retrac button bits	115	4 1/2"	9 × 16	6 × 13	-	3	15	GT60-11515YFP
ST58								
 Button bits	89	3 1/2"	8 × 14	6 × 12	-	2	4.1	ST58-8914ZCP
	89	3 1/2"	8 × 12	4 × 12 2 × 10	-	4	8.9	ST58-8914ZCA
 Retrac button bits	89	3 1/2"	10 × 12	4 × 12 2 × 12	-	4	5	ST58-8916YFA
	115	4 1/2"	10 × 14	4 × 14 4 × 14	-	4	10	ST58-11518YFA
 Dome reaming bits	152	6"	9 × 16	11 × 16	2	2	12.3	ST58-15220KKP

Thread	Diameter		Buttons × button diameter (mm)		Flushing Hole Qty		Net Weight (kg)	Model No.
	mm	inch	Gauge	Front	Side	Front		
ST58								
 Pilot reaming bits	189	7 7/16"	15 × 16	3 × 14	-		20.2	ST58-18918D × P
ST68								
 Button bits	102	4"	8 × 16	5 × 14	-	2	9.4	ST68-10213ZCP
	102	4"	10 × 12	4 × 12 4 × 12	-	4	9.5	ST68-10218ZCA
	115	4 1/2"	10 × 14	4 × 14 4 × 14	-	4	10.8	ST68-11518ZCA
 Button bits	152	6"	9 × 16	8 × 16	-	3	16	ST68-15217ZCP
 Retrac button bits	102	4"	10 × 12	4 × 12 4 × 12	-	4	9.3	ST68-10218YFA
	115	4 1/2"	10 × 14	4 × 14 4 × 14	-	4	10	ST68-11518YFA
 Dome reaming bits	152	6"	9 × 16	11 × 16	2	2	12.3	ST68-15220KKP
 Pilot reaming bits	152	6"	9 × 16	3 × 16	-		14.2	ST68-15212D × P
	254	10"	8 × 16	7 × 14	-		51.4	ST68-25415D × P

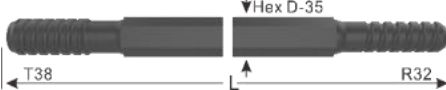
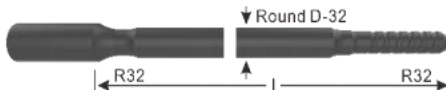
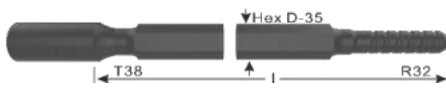

Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
R22 (7/8")							
Extension rod, Hex 22, R22-R22 	800	2'	22	7/8"	2.4	R22-H22-800	601-8108-102 601-8108-202
	1200	3'	22	7/8"	3.6	R22-H22-1200	601-8112-102 601-8112-202
	1600	5'	22	7/8"	3.8	R22-H22-1600	601-8116-102 601-8116-202
R23 (29/32")							
MF rod, Hex 22, R23-R23 	2095	6'	22	7/8"	6.4	MF-R22-H22-2095	601-8221-102 601-8221-202
	3050	10'	22	7/8"	10	MF-R22-H22-3050	601-8230-102 601-8230-202
R25 (1")							
Extension rod, Hex 25, R25-R25 	915	3'	25	1"	3.6	R25-H25-915	602-5709-102 602-5709-202
	1220	4'	25	1"	4.6	R25-H25-1220	602-5712-102 602-5712-202
	1525	5'	25	1"	5.7	R25-H25-1525	602-5715-102 602-5715-202
	1830	6'	25	1"	6.9	R25-H25-1830	602-5718-102 602-5718-202
	2435	8'	25	1"	9	R25-H25-2435	602-5724-102 602-5724-202
	3050	10'	25	1"	12	R25-H25-3050	602-5730-102 602-5730-202

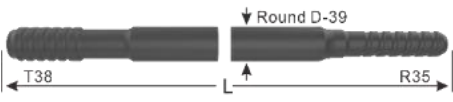
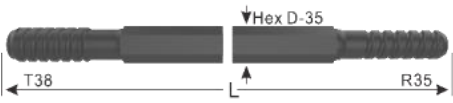
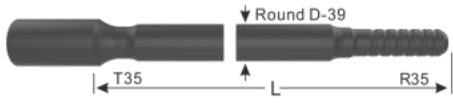
Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
R25 (1")							
Drifter rod, Hex 25, R32-R25 	1870	6'	25	1"	6.9	R32/R25-H25-1870	605-5919-102 605-5919-202
	2175	7'	25	1"	8.4	R32/R25-H25-2175	605-5922-102 605-5922-202
	2475	8'	25	1"	9.5	R32/R25-H25-2475	605-5925-102 605-5925-202
	2630	8'	25	1"	10	R32/R25-H25-2630	605-5926-102 605-5926-202
	2785	9'	25	1"	11	R32/R25-H25-2785	605-5928-102 605-5928-202
	2935	9'	25	1"	16	R32/R25-H25-2935	605-5929-102 605-5929-202
	3090	10'	25	1"	12	R32/R25-H25-3090	605-5931-102 605-5931-202
	3340	10'	25	1"	12	R32/R25-H25-3340	605-5933-102 605-5933-202
	3700	12'	25	1"	14	R32/R25-H25-3700	605-5937-102 605-5937-202
Drifter rod, Hex 28, R32-R25 	2630	8'	28	1 1/8"	14	R32/R25-H28-2630	605-8326-102 605-8326-202
	3090	10'	28	1 1/8"	16	R32/R25-H28-3090	605-8331-102 605-8331-202

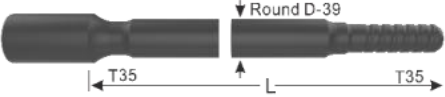
Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
R28 (1")							
Drifter rod, Hex 28, R32-R28 	2475	8'	28	1 1/8"	12	R32/R28-H28-2475	605-6225-102 605-6225-202
	2785	9'	28	1 1/8"	14	R32/R28-H28-2785	605-6228-102 605-6228-202
	3090	10'	28	1 1/8"	15	R32/R28-H28-3090	605-6231-102 605-6231-202
	3340	10'	28	1 1/8"	16	R32/R28-H28-3340	605-6233-102 605-6233-202
	3700	12'	28	1 1/8"	20	R32/R28-H28-3700	605-6237-102 605-6237-202
	4305	14'	28	1 1/8"	21	R32/R28-H28-4305	605-6243-102 605-6243-202

Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
R32 (1 1/4")							
Extension rod, Round 32, R32-R32 	915	3'	32	1 1/4"	5.8	R32-D32-915	605-5109-102 605-5109-202
	1220	4'	32	1 1/4"	6.3	R32-D32-1220	605-5112-102 605-5112-202
	1525	5'	32	1 1/4"	8	R32-D32-1525	605-5115-102 605-5115-202
	1830	6'	32	1 1/4"	9.8	R32-D32-1830	605-5118-102 605-5118-202
	2435	8'	32	1 1/4"	13	R32-D32-2435	605-5124-102 605-5124-202
	3050	10'	32	1 1/4"	16	R32-D32-3050	605-5130-102 605-5130-202
	3660	12'	32	1 1/4"	20	R32-D32-3660	605-5137-102 605-5137-202
	4265	13'	32	1 1/4"	23	R32-D32-4265	605-5143-102 605-5143-202
Drifter rod, Round 38, T38-R32 	5525	18'	38	1 1/2"		T38/R32-D38-5525	622-9855-102 622-9855-202
Drifter rod, Hex 32, R38-R32 	2475	8'	32	1 1/4"	16	R38/R32-H32-2475	607-6625-102 607-6625-202
	3090	10'	32	1 1/4"	20	R38/R32-H32-3090	607-6631-102 607-6631-202
	3700	12'	32	1 1/4"	24	R38/R32-H32-3700	607-6637-102 607-6637-202
	4305	14'	32	1 1/4"	27	R38/R32-H32-4305	607-6643-102 607-6643-202

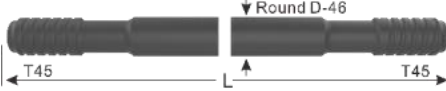
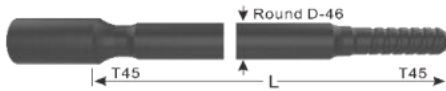


Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
R32 (1 1/4")							
Drifter rod, Hex 32, R38-R32 	4915	16'	32	1 1/4"	31	R38/R32-H32-4915	607-6649-102 607-6649-202
Drifter rod, Hex 35, R38-R32 	3090	10'	35	1 3/8"	24	R38/R32-H35-3090	607-8431-102 607-8431-202
	3700	12'	35	1 3/8"	28	R38/R32-H35-3700	607-8437-102 607-8437-202
	4305	14'	35	1 3/8"	34	R38/R32-H35-4305	607-8443-102 607-8443-202
	4915	16'	35	1 3/8"	37	R38/R32-H35-4915	607-8449-102 607-8449-202
	5525	18'	35	1 3/8"	42	R38/R32-H35-5525	607-8455-102 607-8455-202
Drifter rod, Hex 32, T38-R32 	3090	10'	32	1 1/4"	24	T38/R32-H32-3090	622-6531-102 622-6531-202
	3700	12'	32	1 1/4"	26	T38/R32-H32-3700	622-6537-102 622-6537-202
	4305	14'	32	1 1/4"	28	T38/R32-H32-4305	622-6543-102 622-6543-202
Drifter rod, Hex 35, T38-R32 	2475	8'	35	1 3/8"	19	T38/R32-H35-2475	622-8525-102 622-8525-202
	3090	10'	35	1 3/8"	24	T38/R32-H35-3090	622-8531-102 622-8531-202
	3700	12'	35	1 3/8"	28	T38/R32-H35-3700	622-8537-102 622-8537-202
	4305	14'	35	1 3/8"	32	T38/R32-H35-4305	622-8543-102 622-8543-202
	4915	16'	35	1 3/8"	37	T38/R32-H35-4915	622-8549-102 622-8549-202

Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
R32 (1 1/4")							
Drifter rod, Hex 35, T38-R32 	5525	18'	35	1 3/8"	42	T38/R32-H35-5525	622-8555-102 622-8555-202
	6135	20'	35	1 3/8"	44	T38/R32-H35-6135	622-8561-102 622-8561-202
	6440	21'	35	1 3/8"	46	T38/R32-H35-6440	622-8564-102 622-8564-202
MF rod, Round 32, R32-R32 	915	3'	32	1 1/4"	5.5	MF-R32-D32-915	605-6909-102 605-6909-202
	1220	4'	32	1 1/4"	7.5	MF-R32-D32-1220	605-6912-102 605-6912-202
	1525	5'	32	1 1/4"	9.1	MF-R32-D32-1525	605-6915-102 605-6915-202
	1830	6'	32	1 1/4"	11	MF-R32-D32-1830	605-6918-102 605-6918-202
	3050	10'	32	1 1/4"	18	MF-R32-D32-3050	605-6930-102 605-6930-202
	3660	12'	32	1 1/4"	21	MF-R32-D32-3660	605-6937-102 605-6937-202
MF Drifter rod, Hex 35, T38-R32 	3700	12'	35	1 3/8"	29	MF-T38/R32-H35-3700	622-7237-102 622-7237-202
	4305	14'	35	1 3/8"	34	MF-T38/R32-H35-4305	622-7243-102 622-7243-202
Guide tube, Round 46, R32-R32 	1830	6'	46	1 3/4"	16	R32-D46-1830	605-9618-102 605-9618-202

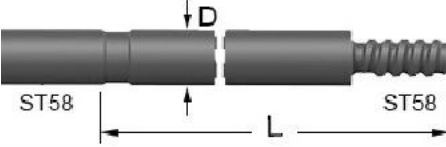
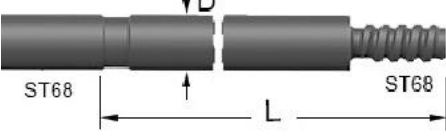
Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
R35 (1 3/8")							
Drifter rod, Round 39, T38-R35 	4305	14'	39	1 1/2"	35	T38/R35-D39-4305	622-5243-102 622-5243-202
	4915	16'	39	1 1/2"	40	T38/R35-D39-4915	622-5249-102 622-5249-202
	5525	18'	39	1 1/2"	45	T38/R35-D39-5525	622-5255-102 622-5255-202
	6135	20'	39	1 1/2"	49	T38/R35-D39-6135	622-5261-102 622-5261-202
Drifter rod, Hex 35, T38-R35 	4305	14'	35	1 3/8"	34	T38/R35-H35-4305	622-8643-102 622-8643-202
	4915	16'	35	1 3/8"	37	T38/R35-H35-4915	622-8649-102 622-8649-202
	5525	18'	35	1 3/8"	42	T38/R35-H35-5525	622-8655-102 622-8655-202
	6135	20'	35	1 3/8"	46	T38/R35-H35-6135	622-8661-102 622-8661-202
MF Drifter rod, Round 39, T35-R35 	4305	14'	39	1 1/2"	35	MF-T35/R35-D39-4305	621-7543-102 621-7543-202
	4915	16'	39	1 1/2"	40	MF-T35/R35-D39-4915	621-7549-102 621-7549-202
	5525	18'	39	1 1/2"	45	MF-T35/R35-D39-5525	621-7555-102 621-7555-202
	6135	20'	39	1 1/2"	50	MF-T35/R35-D39-6135	621-7561-102 621-7561-202




Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
T35 (1 3/8")							
MF rod, Round 39, T35-T35 	1830	6'	39	1 1/2"	16	MF-T35-D39-1830	621-8718-102 621-8718-202
	3050	10'	39	1 1/2"	25	MF-T35-D39-3050	621-8730-102 621-8730-202
	3660	12'	39	1 1/2"	32	MF-T35-D39-3660	621-8737-102 621-8737-202
	4265	14'	39	1 1/2"	35	MF-T35-D39-4265	621-8743-102 621-8743-202
	4875	16'	39	1 1/2"	40	MF-T35-D39-4875	621-8749-102 621-8749-202

Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
T38 (1 1/2")							
Extension rod, Round 39, T38-T38 	3050	10'	39	1 1/2"	24	T38-D39-3050	622-8930-102 622-8930-202
	3660	12'	39	1 1/2"	29	T38-D39-3660	622-8937-102 622-8937-202
Extension rod, Hex 32, T38-T38 	3050	10'	32	1 1/4"	18	T38-H32-3050	622-9130-102 622-9130-202
MF rod, Round 39, T38-T38 	915	3'	39	1 1/2"	8.1	MF-T38-D39-915	622-7709-102 622-7709-202
	1220	4'	39	1 1/2"	11	MF-T38-D39-1220	622-7712-102 622-7712-202
	1525	5'	39	1 1/2"	12	MF-T38-D39-1525	622-7715-102 622-7715-202
	1830	6'	39	1 1/2"	15	MF-T38-D39-1830	622-7718-102 622-7718-202
	3050	10'	39	1 1/2"	25	MF-T38-D39-3050	622-7730-102 622-7730-202
	3660	12'	39	1 1/2"	30	MF-T38-D39-3660	622-7737-102 622-7737-202
	4265	14'	39	1 1/2"	36	MF-T38-D39-4265	622-7743-102 622-7743-202
	4875	16'	39	1 1/2"	41	MF-T38-D39-4875	622-7749-102 622-7749-202
Guide tube, Round 56, T38-T38 	1830	6'	56	2 13/64"	24	T38-D56-1830	622-9018-102 622-9018-202
	3660	12'	56	2 13/64"	48	T38-D56-3660	622-9037-102 622-9037-202

Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
T45 (1 3/4")							
Extension rod, Round 46, T45-T45 	3050	10'	46	1 3/4"	33	T45-D46-3050	623-5430-102 623-5430-202
	3660	12'	46	1 3/4"	40	T45-D46-3660	623-5437-102 623-5437-202
	4265	14'	46	1 3/4"	47	T45-D46-4265	623-5443-102 623-5443-202
MF rod, Round 46, T45-T45 	1220	4'	46	1 3/4"	14	MF-T45-D46-1220	623-7912-102 623-7912-202
	1525	5'	46	1 3/4"	18	MF-T45-D46-1525	623-7915-102 623-7915-202
	1830	6'	46	1 3/4"	21	MF-T45-D46-1830	623-7918-102 623-7918-202
	3050	10'	46	1 3/4"	35	MF-T45-D46-3050	623-7930-102 623-7930-202
	3660	12'	46	1 3/4"	41	MF-T45-D46-3660	623-7937-102 623-7937-202
	4265	14'	46	1 3/4"	48	MF-T45-D46-4265	623-7943-102 623-7943-202
	6095	14'	46	1 3/4"	48	MF-T45-D46-6095	623-7961-102 623-7961-202
Guide tube, Round 63, T45-T45 	1830	6'	63	2 31/64"	24	T45-D63-1830	623-9218-102 623-9218-202
	3660	12'	63	2 31/64"	46	T45-D63-3660	623-9237-102 623-9237-202
Guide tube, Round 76, T45-T45 	3660	12'	76	3"	78	T45-D76-3660	623-9337-102 623-9337-202

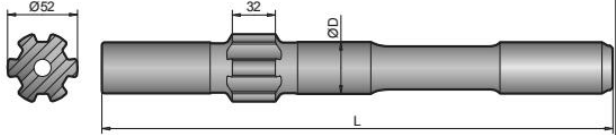
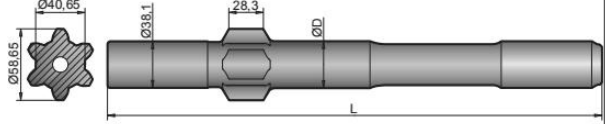
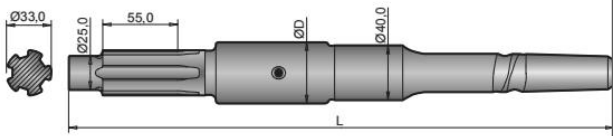
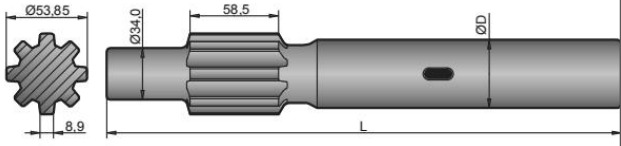
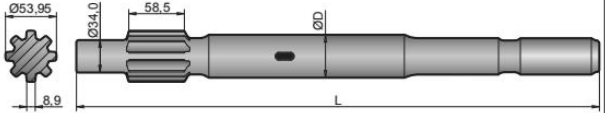
Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
T51 (2")							
Extension rod, Round 52, T51-T51 	3660	12'	52	2"	50	T51-D52-3660	624-5537-102 624-5537-202
	4265	14'	52	2"	56	T51-D52-4265	624-5543-102 624-5543-202
	6095	20'	52	2"	85	T51-D52-6095	624-5561-102 624-5561-202
MF rod, Round 52, T51-T51 	1525	5'	52	2"	23	MF-T51-D52-1525	624-8015-102 624-8015-202
	1830	6'	52	2"	27	MF-T51-D52-1830	624-8018-102 624-8018-202
	3660	12'	52	2"	50	MF-T51-D52-3660	624-8037-102 624-8037-202
	4265	14'	52	2"	57	MF-T51-D52-4265	624-8043-102 624-8043-202
	5485	17'	52	2"	72	MF-T51-D52-5485	624-8055-102 624-8055-202
	6095	20'	52	2"	87	MF-T51-D52-6095	624-8061-102 624-8061-202
Guide tube, Round 76, T51-T51 	1830	6'	76	3"	40	T51-D76-1830	624-9418-102 624-9418-202
	3660	12'	76	3"	76	T51-D76-3660	624-9437-102 624-9437-202
Guide tube, Round 87, T51-T51 	3660	12'	87	3 1/2"	89	T51-D87-3660	624-9537-102 624-9537-202

Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
ST58 (2 1/4")							
Drill tube, Round 76, ST58-ST58	1525	5'	76	3"	33	ST58-DN76-1525	641-10315-102 641-10315-202
	1830	6'	76	3"	41	ST58-DN76-1830	641-10318-102 641-10318-202
ST68 (2 3/4")							
Drill tube, Round 87, ST68-ST68	1525	5'	87	3 1/2"	40	ST68-DN87-1525	642-10415-102 642-10415-202
	1830	6'	87	3 1/2"	48	ST68-DN87-1830	642-10418-102 642-10418-202

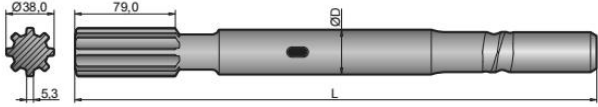
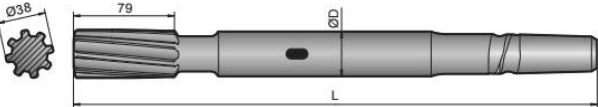
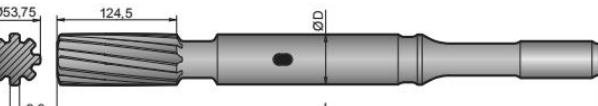
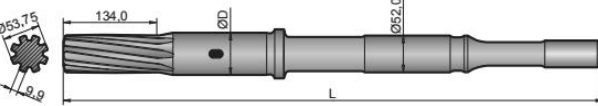
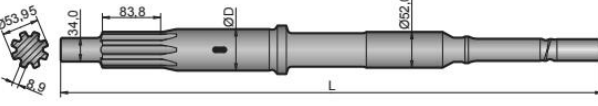
Drill Rod	Length		Diameter		Weight (kg)	Model No.	Part No.
	mm	feet	mm	inch			
GT60 (2 3/8")							
MF rod, Round 60, GT60-GT60	3660	12'	60	2 3/8"	73	MF-GT60-D60-3660	661-10037-102 661-10037-202
	4265	14'	60	2 3/8"	86	MF-GT60-D60-4265	661-10043-102 661-10043-202
	5485	18'	60	2 3/8"	107	MF-GT60-D60-5485	661-10055-102 661-10055-202
	6095	20'	60	2 3/8"	120	MF-GT60-D60-6095	661-10061-102 661-10061-202
GT60 (2 3/8")							
MF rod, Round 64, GT60-GT60	4265	14'	64	2 1/2"	92	MF-GT60-D64-4265	661-10143-102 661-10143-202
							
Drill tube, Round 64, GT60-GT60	4265	14'	87	3 1/2"	104	GT60-DN87-4265	661-10243-102 661-10243-202
							

Coupling Sleeve	Thread	Length		Diameter		Weight (kg)	Model No.	Part No.
		mm	inch	mm	inch			
	R32	160	6 1/4"	45	1 3/4"	1.0	LR32-D45-160	705-0145-160
	R38	180	7 1/8"	56	2 13/64"	2.0	LR38-D56-180	707-0156-180
	T38	190	7 1/2"	56	2 13/64"	1.9	LT38-D56-190	722-0156-190
	T45	210	8 1/8"	63	2 31/64"	2.7	LT45-D63-210	723-0163-210
	T51	235	9 1/4"	71	2 51/64"	3.8	LT51-D71-235	724-0171-235
	R38-R32	190	7 1/2"	56	2 13/64"	2.2	LR38/R32-D56-190	707-5156-190
	T38-R32	190	7 1/2"	56	2 13/64"	2.2	LT38/R32-D56-190	722-5156-190
	T38-R38	190	7 1/2"	56	2 13/64"	2.5	LT38/R38-56-190	722-0756-190
	T51-T45	225	8 7/8"	71	2 51/64"	4.5	LT51/T45-D71-225	724-5371-225

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO BBC 43, BBC 44, BBC 45, BBC 100						
	R32	380	32	2.1	R32*2D32-380	805-0233-38-101 805-0233-38-103 805-0233-38-202
ATLAS COPCO BBC 51, BBC 52, BBC 54, BBC 120						
	R32	380	38	2.6	R32*2D38-380	805-0234-38-101 805-0234-38-103 805-0234-38-202
	R38	390	38	3.1	R38*2D38-390	807-0234-39-101 807-0234-39-103 807-0234-39-202
	T38	390	38	3.1	T38*2D38-390	822-0234-39-101 822-0234-39-103 822-0234-39-202
ATLAS COPCO BBE 57						
	R38	447	45	5.0	R38*6D45-447	807-0235-45-101 807-0235-45-103 807-0235-45-202
	T38	540	45	5.3	T38*6D45-540	822-0235-54-101 822-0235-54-103 822-0235-54-202
ATLAS COPCO COP 125, COP 130, COP 131						
	T38	380	38	3	T38*3D38-380	822-0236-38-101 822-0236-38-103 822-0236-38-202
	T45	380	38	3	T45*3D38-380	823-0236-38-101 823-0236-38-103 823-0236-38-202
ATLAS COPCO COP 131						
	T38	445	38	3.8	T38*6D38-445	822-0290-44-101 822-0290-44-103 822-0290-44-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO COP 131E						
	T38	380	38	2.8	T38*6D38-380	822-0291-38-101 822-0291-38-103 822-0291-38-202
ATLAS COPCO COP 131EB						
	T38	405	38	3.2	T38*6D38-405	822-0292-40-101 822-0292-40-103 822-0292-40-202
ATLAS COPCO COP 1028						
	R28	400	45	2.6	R28*5D45-400	803-0293-40-101 803-0293-40-103 803-0293-40-202
	R32	400	45	2.8	R32*5D45-400	805-0293-40-101 805-0293-40-103 805-0293-40-202
ATLAS COPCO COP 1032						
	R32	340	45	3.4	R32*8D45-340	805-0238-34-101 805-0238-34-103 805-0238-34-202
	R38	340	55	4.1	R38*8D55-340	807-0238-34-101 807-0238-34-103 807-0238-34-202
	R32	550	45	5.0	R32*8D45-550	805-0238-55-101 805-0238-55-103 805-0238-55-202
	T38	550	45	5.4	T38*8D45-550	822-0238-55-101 822-0238-55-103 822-0238-55-202
	R32	510	45	4.9	R32*8D45-510	805-0238-51-101 805-0238-51-103 805-0238-51-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO COP 1032						
	T38	510	45	5.0	T38*8D45-510	822-0238-51-101 822-0238-51-103 822-0238-51-202
	ATLAS COPCO COP 1238					
		T38	485	38	4.1	T38*8D38-485
R38		485	38	4.1	R38*8D38-485	807-0244-48-101 807-0244-48-103 807-0244-48-202
	T38	500	38	4.8	T38*8D38-500	822-0244-50-101 822-0244-50-103 822-0244-50-202
	T45	500	45	5.1	T45*8D45-500	823-0244-50-101 823-0244-50-103 823-0244-50-202
	R32	575	38	4.6	R32*8D38-575	805-0244-57-101 805-0244-57-103 805-0244-57-202
	T38	575	38	4.7	T38*8D38-575	822-0244-57-101 822-0244-57-103 822-0244-57-202
	T38	575	45	5.4	T38*8D45-575	822-0244A-57-101 822-0244A-57-103 822-0244A-57-202
	T45	575	45	5.8	T45*8D45-575	823-0244-57-101 823-0244-57-103 823-0244-57-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO COP 1132						
	R32	410	35	2.5	R32*8D35-410	805-0247-41-101 805-0247-41-103 805-0247-41-202
	R32	500	35	3.0	R32*8D35-500	805-0247-50-101 805-0247-50-103 805-0247-50-202
ATLAS COPCO COP 1140						
	R32	410	35	2.6	R32*8D35-410	805-0295-41-101 805-0295-41-103 805-0295-41-202
ATLAS COPCO COP 1240						
	R32	565	52	6.4	R32*8D52-565	805-0296-56-101 805-0296-56-103 805-0296-56-202
	T38	565	52	6.6	T38*8D52-565	822-0296-56-101 822-0296-56-103 822-0296-56-202
ATLAS COPCO COP 1240EX						
	T38	770	60	10.7	T38*8D60-770	822-0297-77-101 822-0297-77-103 822-0297-77-202
ATLAS COPCO COP 1338EX						
	R32	780	60	10.1	R32*8D60-780	805-0298-78-101 805-0298-78-103 805-0298-78-202

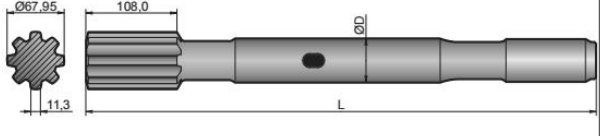
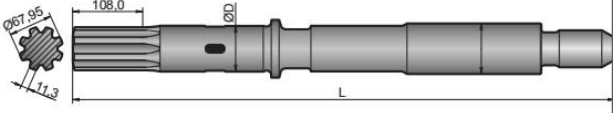
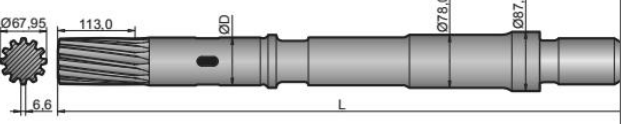
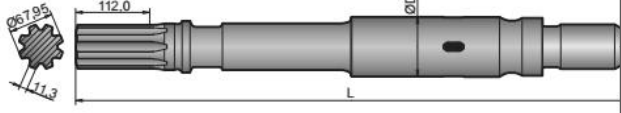
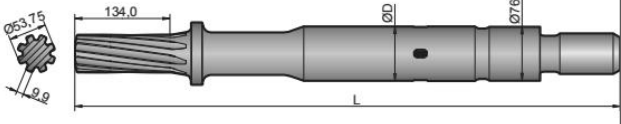
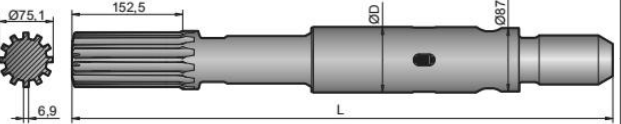
Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO COP 1435						
	R32	410	35	2.6	R32*8D35-410	805-0299-41-101 805-0299-41-103 805-0299-41-202
	R32	500	35	3.0	R32*8D35-500	805-0299-50-101 805-0299-50-103 805-0299-50-202
	ATLAS COPCO COP 1432, COP 1532, COP 1440, COP 1838 HD/ME					
		R38	435	38	3.9	R38*8D38-435
R32		435	38	3.6	R32*8D38-435	805-0245-43-101 805-0245-43-103 805-0245-43-202
T38		435	38	3.8	T38*8D38-435	822-0245-43-101 822-0245-43-103 822-0245-43-202
T35		435	38	3.7	T35*8D38-435	821-0245-43-101 821-0245-43-103 821-0245-43-202
	R32	525	38	4.3	R32*8D38-525	805-0245-52-101 805-0245-52-103 805-0245-52-202
	T35	525	38	4.2	T35*8D38-525	821-0245-52-101 821-0245-52-103 821-0245-52-202
	T38	525	38	4.3	T38*8D38-525	822-0245-52-101 822-0245-52-103 822-0245-52-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO COP 1550, COP 1838 ME/ HE						
	T38	525	52	6.2	T38*8D52-525	822-0248-52-101 822-0248-52-103 822-0248-52-202
	T45	525	52	6.5	T45*8D52-525	823-0248-52-101 823-0248-52-103 823-0248-52-202
	T51	525	52	6.8	T51*8D52-525	824-0248-52-101 824-0248-52-103 824-0248-52-202
ATLAS COPCO COP 1640						
	T38	565	52	6.6	T38*8D52-565	822-02102-56-101 822-02102-56-103 822-02102-56-202
ATLAS COPCO COP 1640EX						
	T38	770	60	10.7	T38*8D60-770	822-02103-77-101 822-02103-77-103 822-02103-77-202
ATLAS COPCO COP 1838MUX/HUX						
	T38	730	52	9.9	T38*8D52-730	822-02104-73-101 822-02104-73-103 822-02104-73-202
	T45	730	52	9.9	T45*8D52-730	823-02104-73-101 823-02104-73-103 823-02104-73-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO COP 1838EX						
	T38	730	60	9.8	T38*8D60-730	822-02105-73-101 822-02105-73-103 822-02105-73-202
	T45	730	60	10.2	T45*8D60-730	823-02105-73-101 823-02105-73-103 823-02105-73-202
	T51	730	60	10.4	T51*8D60-730	824-02105-73-101 824-02105-73-103 824-02105-73-202
ATLAS COPCO COP 1840						
	T45	565	52	6.8	T45*8D52-565	823-02106-56-101 823-02106-56-103 823-02106-56-202
	T51	565	52	7.2	T51*8D52-565	824-02106-56-101 824-02106-56-103 824-02106-56-202
ATLAS COPCO COP 1840EX						
	T45	770	60	10.8	T45*8D60-770	823-02107-77-101 823-02107-77-103 823-02107-77-202
	T51	770	60	10.9	T51*8D60-770	824-02107-77-101 824-02107-77-103 824-02107-77-202
ATLAS COPCO COP 1850						
	T51	565	52	7.2	T51*8D52-565	824-02108-56-101 824-02108-56-103 824-02108-56-202
ATLAS COPCO COP 1850EX						
	T51	770	60	10.9	T51*8D60-770	824-02109-77-101 824-02109-77-103 824-02109-77-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO COP 2150						
	T45	770	52	8.5	T45*8D52-770	823-02110-77-101 823-02110-77-103 823-02110-77-202
	T51	770	52	9.2	T51*8D52-770	824-02110-77-101 824-02110-77-103 824-02110-77-202
ATLAS COPCO COP 2150EX						
	T45	770	60	10.8	T45*8D60-770	823-02111-77-101 823-02111-77-103 823-02111-77-202
	T51	770	60	10.9	T51*8D60-770	824-02111-77-101 824-02111-77-103 824-02111-77-202
ATLAS COPCO COP 2150, COP 2550						
	T51	770	52	9.9	T51*8D52-770	824-0251-77-101 824-0251-77-103 824-0251-77-202
ATLAS COPCO COP 2150EX, COP 2550EX						
	T51	770	60	11.0	T51*8D60-770	824-02112-77-101 824-02112-77-103 824-02112-77-202
ATLAS COPCO COP 2550						
	T51	770	52	9.2	T51*8D52-770	824-02113-77-101 824-02113-77-103 824-02113-77-202

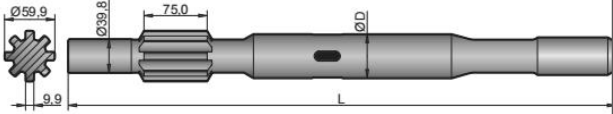
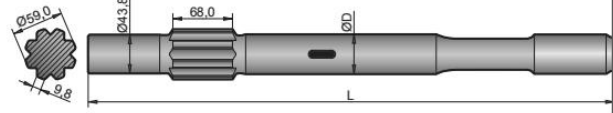
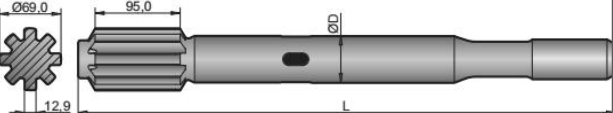
Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO COP 2160, COP 2560						
	T45	770	60	10.9	T45*12D60-770	823-0252-77-101 823-0252-77-103 823-0252-77-202
	T51	770	60	11.0	T51*12D60-770	824-0252-77-101 824-0252-77-103 824-0252-77-202
ATLAS COPCO COP 2160EX						
	T45	770	63	13.2	T45*12D63-770	823-02115-77-101 823-02115-77-103 823-02115-77-202
	T51	770	63	13.3	T51*12D63-770	824-02115-77-101 824-02115-77-103 824-02115-77-202
ATLAS COPCO COP 2550UX						
	T45	770	60	12.9	T45*8D60-770	823-02116-77-101 823-02116-77-103 823-02116-77-202
	T51	770	60	13.1	T51*8D60-770	824-02116-77-101 824-02116-77-103 824-02116-77-202
ATLAS COPCO COP 2560						
	T51	770	60	11	T51*12D60-770	824-02117-77-101 824-02117-77-103 824-02117-77-202
ATLAS COPCO COP 2560EX						
	T51	770	63	13.3	T51*12D63-770	824-02118-77-101 824-02118-77-103 824-02118-77-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
ATLAS COPCO COP 4050						
	T51	605	52	8.9	T51*8D52-605	824-02119-60-101 824-02119-60-103 824-02119-60-202
ATLAS COPCO COP 4050EX						
	ST58	835	70	21.8	ST58*8D70-835	841-0253-83-101 841-0253-83-103 841-0253-83-202
	ST68	835	70	21.7	ST68*12D70-83 5	842-0253-83-101 842-0253-83-103 842-0253-83-202
ATLAS COPCO COP 4050MUX						
	ST58	835	90	26.8	ST58*8D90-835	841-0254-83-101 841-0254-83-103 841-0254-83-202
	ST68	835	90	26.9	ST68*8D90-835	842-0254-83-101 842-0254-83-103 842-0254-83-202
ATLAS COPCO COP 2550UX						
	ST58	770	77	17.5	ST58*8D77-770	841-02142-77-101 841-02142-77-103 841-02142-77-202
ATLAS COPCO COP 3060MUX						
	ST58	745	90	23.7	ST58*12D90-74 5	841-02143-74-101 841-02143-74-103 841-02143-74-202
	ST68	745	90	24.1	ST68*12D90-74 5	842-02143-74-101 842-02143-74-103 842-02143-74-202

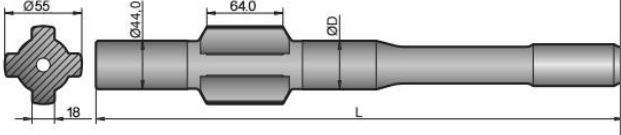
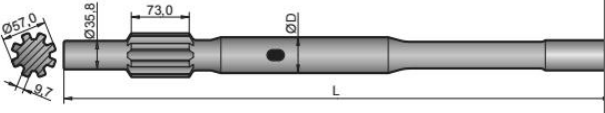
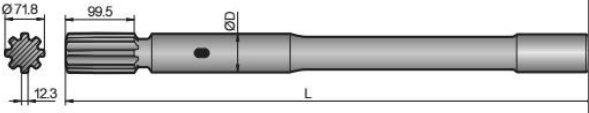
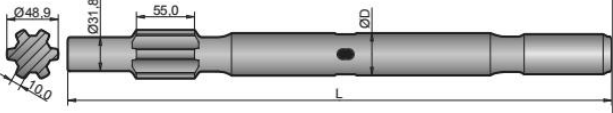
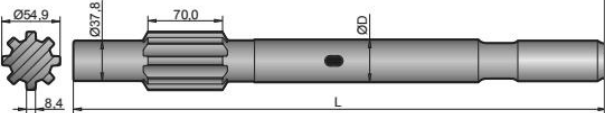
Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.	
		mm	mm	kg			
SANDVIK HL300							
	R32	400	32	2.6	R32*8D32-400	805-0101-40-101 805-0101-40-103 805-0101-40-202	
	SANDVIK HLX 5/HLX 5T						
		R32	500	45	5.1	R32*10D45-500	805-0113-50-101 805-0113-50-103 805-0113-50-202
T35		500	45	5.3	T35*10D45-500	821-0113-50-101 821-0113-50-103 821-0113-50-202	
T38		500	45	5.3	T38*10D45-500	822-0113-50-101 822-0113-50-103 822-0113-50-202	
R38		500	45	5.3	R38*10D45-500	807-0113-50-101 807-0113-50-103 807-0113-50-202	
R32		575	45	5.4	R32*10D45-575	805-0113-57-101 805-0113-57-103 805-0113-57-202	
T35		575	45	5.6	T35*10D45-575	821-0113-57-101 821-0113-57-103 821-0113-57-202	
T38		575	45	5.7	T38*10D45-575	822-0113-57-101 822-0113-57-103 822-0113-57-202	
T45		575	45	6.2	T45*10D45-575	823-0113-57-101 823-0113-57-103 823-0113-57-202	
SANDVIK L400, L500							
		R32	380	32	2.0	R32*4D32-380	805-01121-38-101 805-01121-38-103 805-01121-38-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.	
		mm	mm	kg			
SANDVIK L600, L750							
	T38	446	44	4.0	T38*4D44-446	822-01122-45-101 822-01122-45-103 822-01122-45-202	
	SANDVIK 438LS, 438TS, HL538, HL538L, L550S						
		R32	450	38	3.8	R32*4D38-450	805-01123-45-101 805-01123-45-103 805-01123-45-202
R38		450	38	4.4	R38*4D38-450	807-01123-45-101 807-01123-45-103 807-01123-45-202	
T38		455	38	4.0	T38*4D38-455	822-01123-45-101 822-01123-45-103 822-01123-45-202	
SANDVIK 438,538							
	R32	430	38	3.0	R32*4D38-430	805-01124-43-101 805-01124-43-103 805-01124-43-202	
	SANDVIK HL500						
		R38	500	38	3.7	R38*8D38-500	807-01125-50-101 807-01125-50-103 807-01125-50-202
T38		550	45	5.3	T38*8D45-550	822-01125-55-101 822-01125-55-103 822-01125-55-202	
T45		550	45	6.0	T45*8D45-550	823-01125-55-101 823-01125-55-103 823-01125-55-202	

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
SANDVIK HL500, HL500S						
	R32	460	38	3.9	R32*8D38-460	805-01126-46-101 805-01126-46-103 805-01126-46-202
	R38	460	38	4.2	R38*8D38-460	807-01126-46-101 807-01126-46-103 807-01126-46-202
	T38	460	38	4.2	T38*8D38-460	822-01126-46-101 822-01126-46-103 822-01126-46-202
	R32	550	38	4.3	R32*8D38-550	805-01126-55-101 805-01126-55-103 805-01126-55-202
	T38	550	38	4.6	T38*8D38-550	822-01126-55-101 822-01126-55-103 822-01126-55-202
SANDVIK HL700, HL800						
	T45	600	45	7.2	T45*8D45-600	823-01127-60-101 823-01127-60-103 823-01127-60-202
	T38	600	52	8.0	T38*8D52-600	822-01127-60-101 822-01127-60-103 822-01127-60-202
	T45	600	52	8.5	T45*8D52-600	823-01127A-60-101 823-01127-60-103 823-01127-60-202
	T51	600	52	8.5	T51*8D52-600	824-01127-60-101 824-01127-60-103 824-01127-60-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
SANDVIK HL600, HL600S						
	T38	600	45	6.0	T38*8D45-600	822-01128-60-101 822-01128-60-103 822-01128-60-202
	T45	600	45	6.4	T45*8D45-600	823-01128-60-101 823-01128-60-103 823-01128-60-202
	T38	525	45	5.6	T38*8D45-525	822-01128-52-101 822-01128-52-103 822-01128-52-202
	T45	525	45	5.8	T45*8D45-525	823-01128-52-101 823-01128-52-103 823-01128-52-202
	T45	650	52	8.3	T45*8D52-650	823-01128-65-101 823-01128-65-103 823-01128-65-202
SANDVIK HL645, HL645S						
	T45	600	45	6.5	T45*8D45-600	823-01129-60-101 823-01129-60-103 823-01129-60-202
SANDVIK HL 650-52,700-52/PE-52/S-52,710-52/S-52/PE-52/SPE-52,800T-52/PE-52						
	T38	600	52	8.4	T38*8D52-600	822-0120-60-101 822-0120-60-103 822-0120-60-202
	T45	600	52	8.5	T45*8D52-600	823-0120-60-101 823-0120-60-103 823-0120-60-202
	T51	600	52	8.6	T51*8D52-600	824-0120-60-101 824-0120-60-103 824-0120-60-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.	
		mm	mm	kg			
SANDVIK HL1000 PE-65, HL1500, HL1500PE-65, HL1560T-65							
	T51	760	65	16.3	T51*8D65-760	824-01131-76-101 824-01131-76-103 824-01131-76-202	
	SANDVIK RD520/RD525						
		T38	525	45	5.6	T38*10D45-525	822-0186-52-101 822-0186-52-103 822-0186-52-202
T45		525	45	6.0	T45*10D45-525	823-0186-52-101 823-0186-52-103 823-0186-52-202	
T35		600	45	6.5	T35*10D45-600	821-0186-60-101 821-0186-60-103 821-0186-60-202	
T38		600	45	6.5	T38*10D45-600	822-0186-60-101 822-0186-60-103 822-0186-60-202	
T38		745	45	7.5	T38*10D45-745	822-0186-74-101 822-0186-74-103 822-0186-74-202	
SANDVIK HL 1000							
	ST58	635	80	18.4	ST58*8D80-635	841-01144-63-101 841-01144-63-103 841-01144-63-202	
	ST68	640	80	18.8	ST68*8D80-640	842-01144-64-101 842-01144-64-103 842-01144-64-202	
SANDVIK HL 1500 S-80 Tube drilling							
	ST58	635	80	17.0	ST58*8D80-635	841-0131-64-101 841-0131-64-103 841-0131-64-202	
	ST68	635	80	16.8	ST68*8D80-635	842-0131-64-101 842-0131-64-103 842-0131-64-202	

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
FURUKAWA M 120 and PD 200						
	T38	380	44	3.6	T38*4D44-380	822-0355-38-101 822-0355-38-103 822-0355-38-202
	T38	446	44	4.0	T38*4D44-446	822-0355-45-101 822-0355-45-103 822-0355-45-202
FURUKAWA HD 609						
	T38	690	45	6.3	T38*8D45-690	822-0358-69-101 822-0358-69-103 822-0358-69-202
	T45	620	45	6.4	T45*8D45-620	823-0358-62-101 823-0358-62-103 823-0358-62-202
FURUKAWA HD 712						
	T45	790	51	9.5	T45*8D51-790	823-0361-79-101 823-0361-79-103 823-0361-79-202
	T51	790	51		T51*8D51-790	824-0361-79-101 824-0361-79-103 824-0361-79-202
FURUKAWA HD 90						
	R38	515	40	4.3	R38*6D40-515	807-03132-51-101 807-03132-51-103 807-03132-51-202
FURUKAWA HD 190						
	R38	500	40	4.5	R38*8D40-500	807-03133-50-101 807-03133-50-103 807-03133-50-202
	T38	500	40	4.5	T38*8D40-500	822-03133-50-101 822-03133-50-103 822-03133-50-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
MONTABERT H50, H60, H70						
	R32	380	38	2.6	R32*2D38-380	805-05134-38-101 805-05134-38-103 805-05134-38-202
	R38	390	38	3.1	R38*2D38-390	807-05134-39-101 807-05134-39-103 807-05134-39-202
	T38	390	38	3.1	T38*2D38-390	822-05134-39-101 822-05134-39-103 822-05134-39-202
MONTABERT HC 50						
	R38	385	38	3.6	R38*8D38-385	807-0588-38-101 807-0588-38-103 807-0588-38-202
	R32	390	38	3.3	R32*8D38-390	805-0588-39-101 805-0588-39-103 805-0588-39-202
MONTABERT HC80, HC120						
	T45	490	45	5.6	T45*8D45-490	823-05136-49-101 823-05136-49-103 823-05136-49-202
	T45	590	45	6.4	T45*8D45-590	823-05136-59-101 823-05136-59-103 823-05136-59-202
MONTABERT HC120RP, HC150RP						
	T45	770	51	10.2	T45*8D51-770	823-05138-77-101 823-05138-77-103 823-05138-77-202
	T51	770	51	10.3	T51*8D51-770	824-05138-77-101 824-05138-77-103 824-05138-77-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
MONTABERT HC80, HC90, HC105, HC120						
	R32	440	38	3.6	R32*8D38-440	805-05137-44-101 805-05137-44-103 805-05137-44-202
	R38	440	38	3.9	R38*8D38-440	807-05137-44-101 807-05137-44-103 807-05137-44-202
	T38	440	38	3.9	T38*8D38-440	822-05137-44-101 822-05137-44-103 822-05137-44-202
	T38	500	38	4.2	T38*8D38-500	822-05137-50-101 822-05137-50-103 822-05137-50-202
MONTABERT HC80RP, HC105RP, HC107RP, HC108RP, HC109RP						
	T38	770	45	8.4	T38*8D45-770	822-05147-77-101 822-05147-77-103 822-05147-77-202
	T45	770	45	8.6	T45*8D45-770	823-05147-77-101 823-05147-77-103 823-05147-77-202
	T38	670	45	7.2	T38*8D45-670	822-05147-67-101 822-05147-67-103 822-05147-67-202
	T45	670	45	7.5	T45*8D45-670	823-05147-67-101 823-05147-67-103 823-05147-67-202
MONTABERT HC120RP, HC150RP, HC155RP, HC158RP						
	T45	670	51	8.8	T45*8D51-670	823-05148-67-101 823-05148-67-103 823-05148-67-202
	T51	670	51	8.9	T51*8D51-670	824-05148-67-101 824-05148-67-103 824-05148-67-202
	T51	770	51	10.3	T51*8D51-770	824-05138-77-101 824-05138-77-103 824-05138-77-202

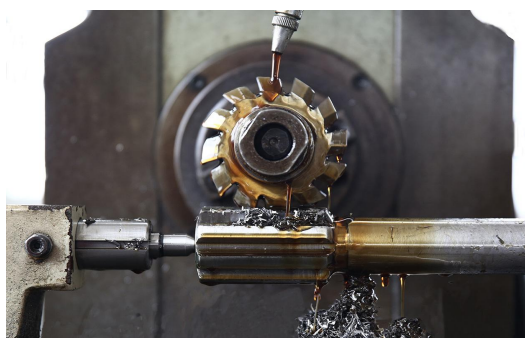
Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
MONTABERT HC 95						
	T38	512	45		T38*8D45-512	822-0585-51-101 822-0585-51-103 822-0585-51-202
MONTABERT HC 110						
	T38	420	45	4.7	T38*8D45-420	822-0585-42-101 822-0585-42-103 822-0585-42-202
INGERSOLL-RAND YH65, YH70						
	T38	500	45	5.2	T38*6D45-500	822-04139-50-101 822-04139-50-103 822-04139-50-202
	T45	500	45	5.5	T45*6D45-500	823-04139-50-101 823-04139-50-103 823-04139-50-202
INGERSOLL-RAND 350						
	R32	380	32	2.1	R32*2D32-380	805-04146-38-101 805-04146-38-103 805-04146-38-202

Shank Adapter	Thread	Length	Dia.	weight	Model No.	Part No.
		mm	mm	kg		
INGERSOLL-RAND VL120, VL140						
	R32	381	44	3.4	R32*4D44-381	805-04140-38-101 805-04140-38-103 805-04140-38-202
	R38	381	44	3.6	R38*4D44-381	807-04140-38-101 807-04140-38-103 807-04140-38-202
	T38	381	44	3.7	T38*4D44-381	822-04140-38-101 822-04140-38-103 822-04140-38-202
	T45	381	44	3.9	T45*4D44-381	823-04140-38-101 823-04140-38-103 823-04140-38-202
INGERSOLL-RAND YH65RP						
	T38	700	45	7.8	T38*6D45-700	822-04141-70-101 822-04141-70-103 822-04141-70-202
	T45	700	45	7.9	T45*6D45-700	823-04141-70-101 823-04141-70-103 823-04141-70-202
INGERSOLL-RAND YH80A						
	T38	500	51	5.5	T38*6D51-500	822-0465-50-101 822-0465-50-103 822-0465-50-202
	T45	500	51	5.7	T45*6D51-500	823-0465-50-101 823-0465-50-103 823-0465-50-202
	T51	500	51	6.4	T51*6D51-500	824-0465-50-101 824-0465-50-103 824-0465-50-202



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