

Secoroc Rock Drilling Tools

HANDHELD EQUIPMENT

Product catalogue

Atlas Copco







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INTRODUCTION

Atlas Copco Secoroc has one of the broadest range of handheld drilling equipment and accessories of any supplier in the world. It gives you more choices, working with the strongest support network in the industry. It means that you can look to one reliable and time-tested source for all your equipment needs.

Of course, you'd expect Atlas Copco Secoroc to have the most productive handheld rock drilling equipment in the world. And we do. But maybe your situation calls for the utmost in reliability. Or perhaps your application requires technology that has been tested and proven through years of field use. Whatever your needs, check out our many choices before settling for less. Each one of our products are designed for optimum performance in handheld rock drilling applications on a price vs. performance basis.

We offer high quality productive tools and services for all handheld applications. It's all right here. At Atlas Copco Secoroc.

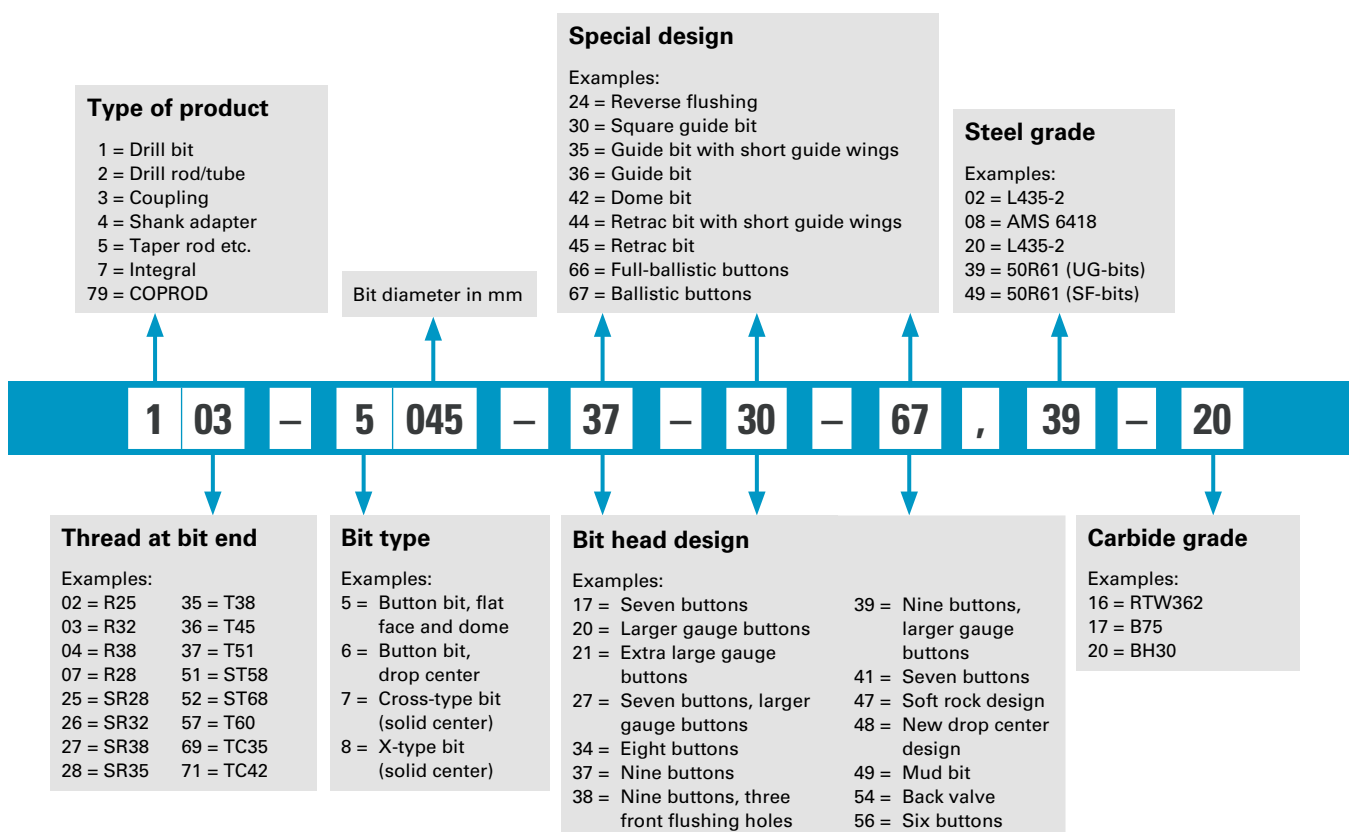


Product codes

Product codes are a valuable tool to describe and identify the product. In the code we have described the product features with an alpha-numerical system. With the attached key you will be able to find the product you are looking for or an alternative product.

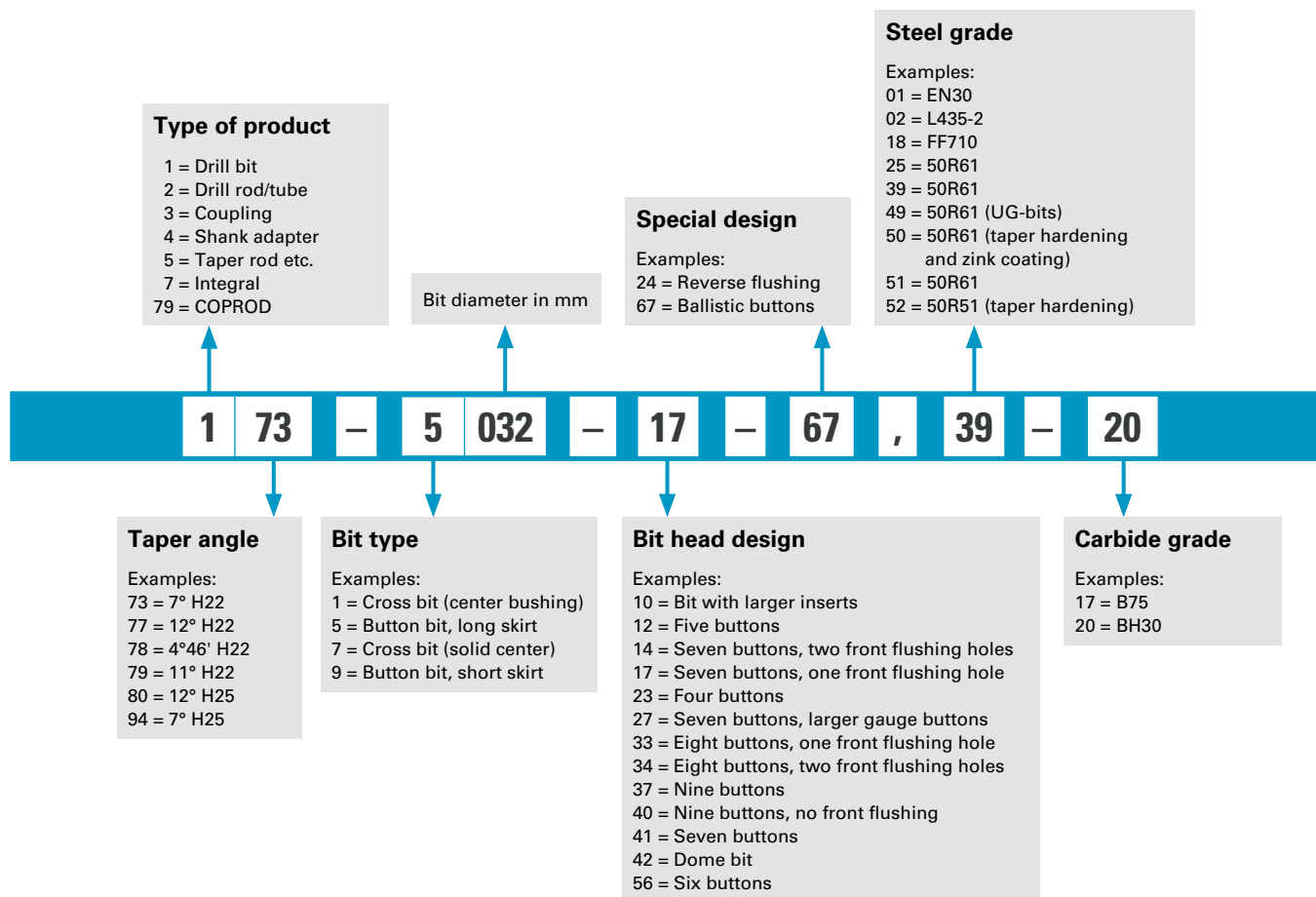
THREADED BITS

Example: 103-5045-37-30-67,39-20



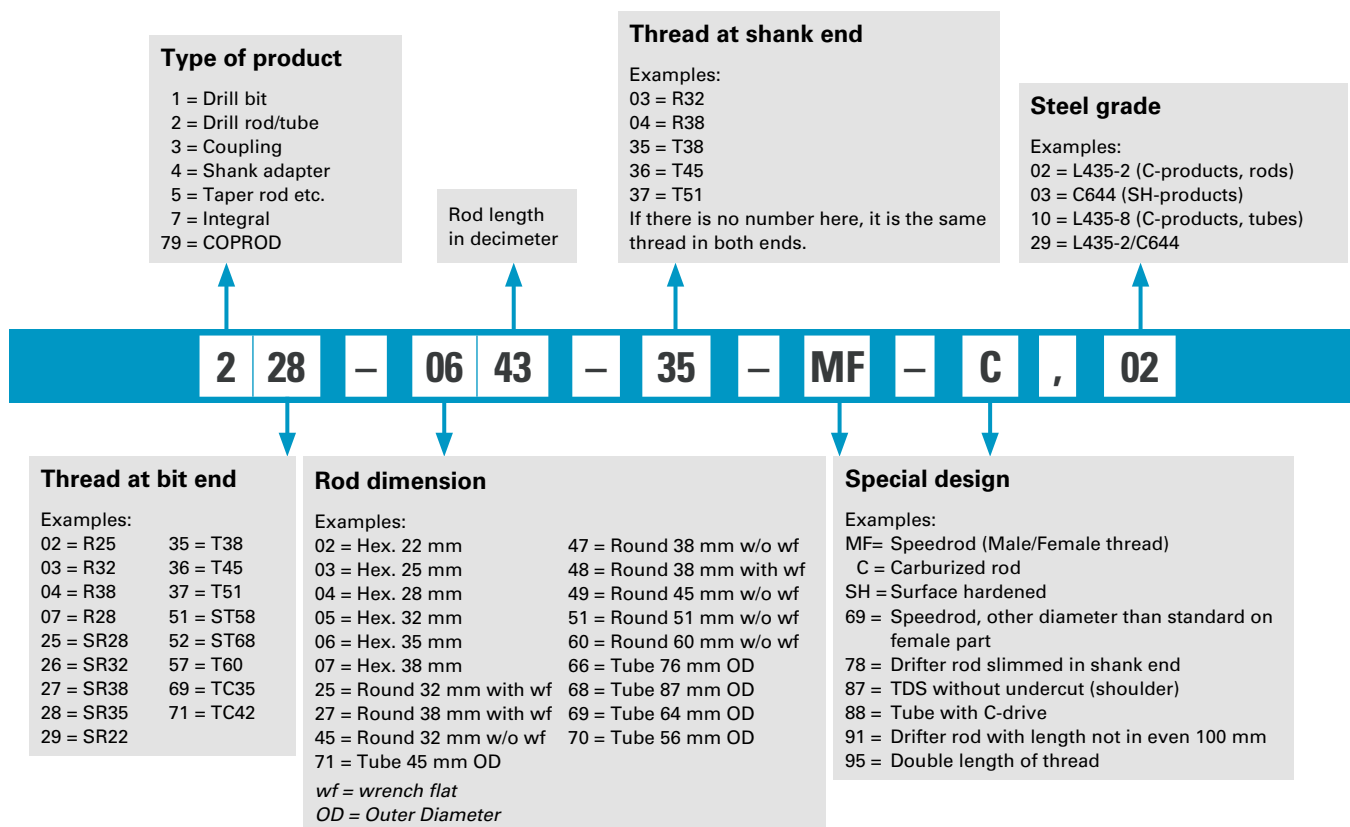
TAPERED BITS

Example: 173-5032-17-67,39-20



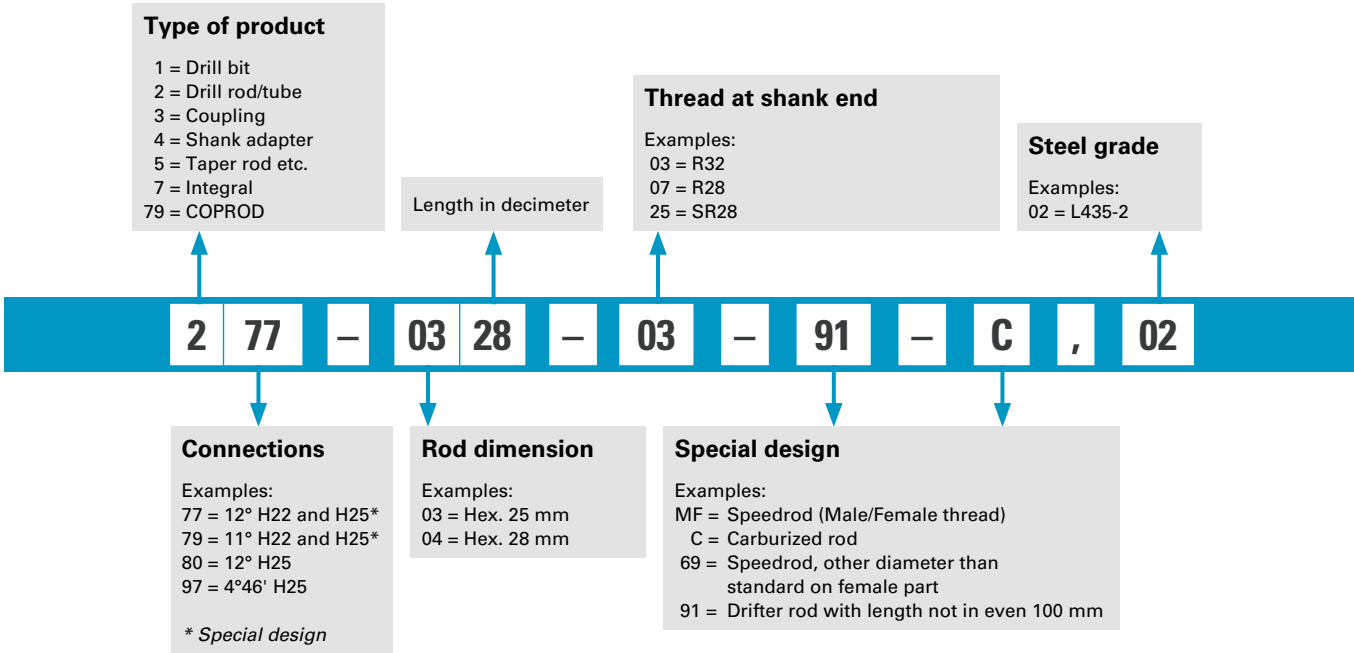
RODS AND TUBES

Example: 228-0643-35-MF-C,02



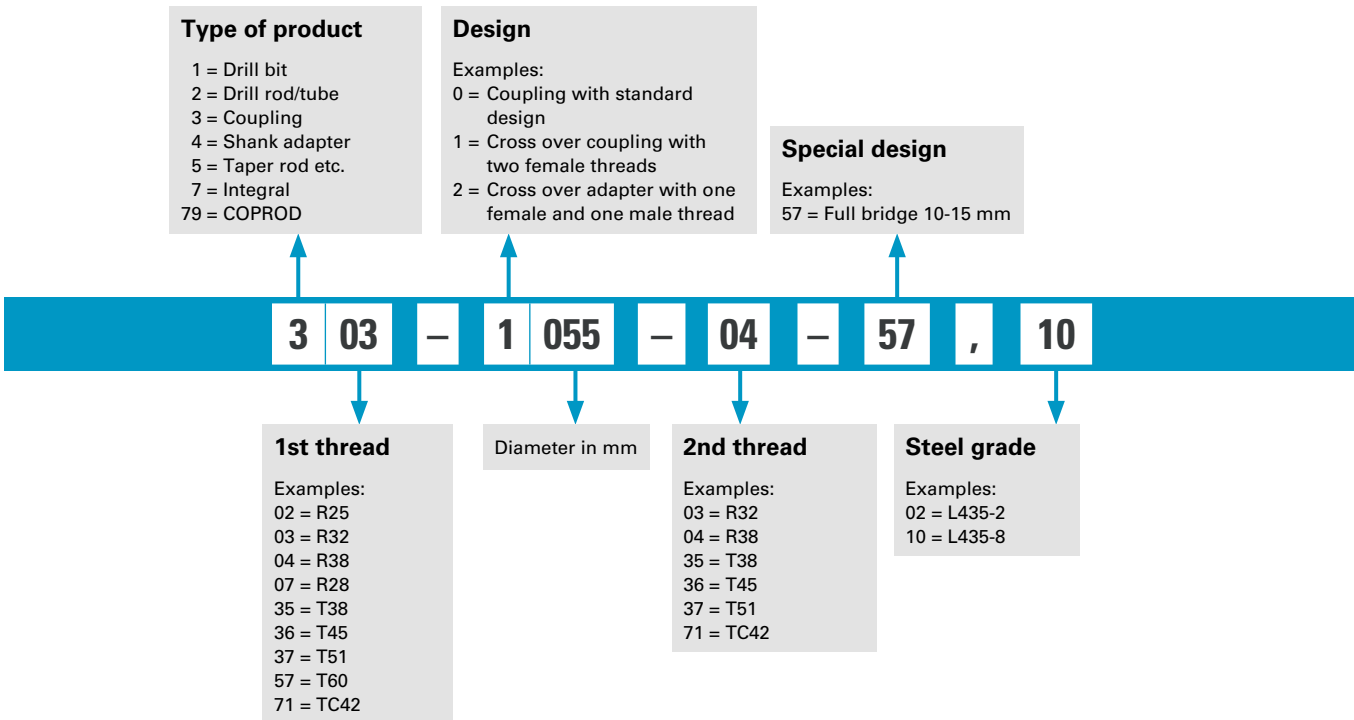
TAPERED DRIFTER RODS

Example: 277-0328-03-91-C,02



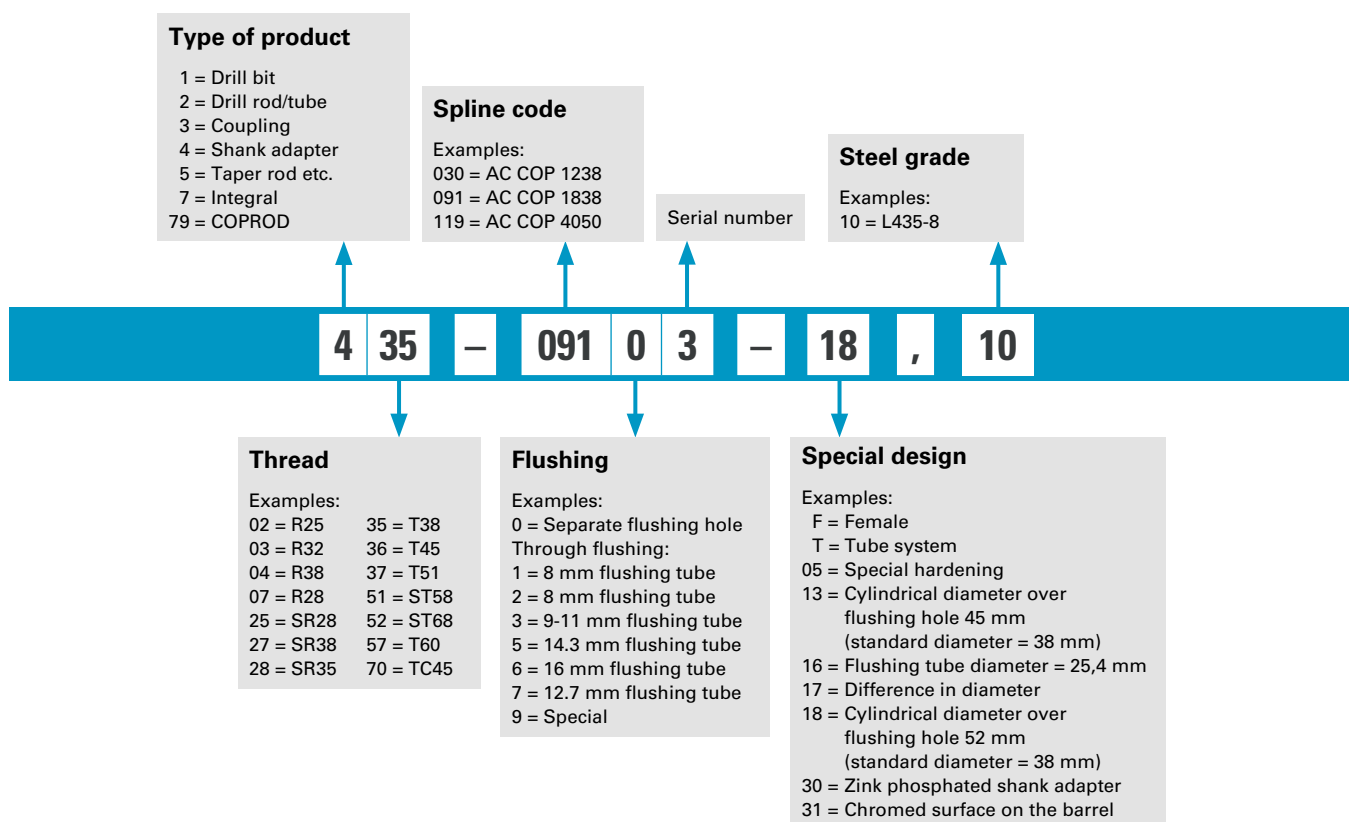
COUPLINGS, CROSS OVER- & BIT ADAPTERS

Example: 303-1055-04-57,10



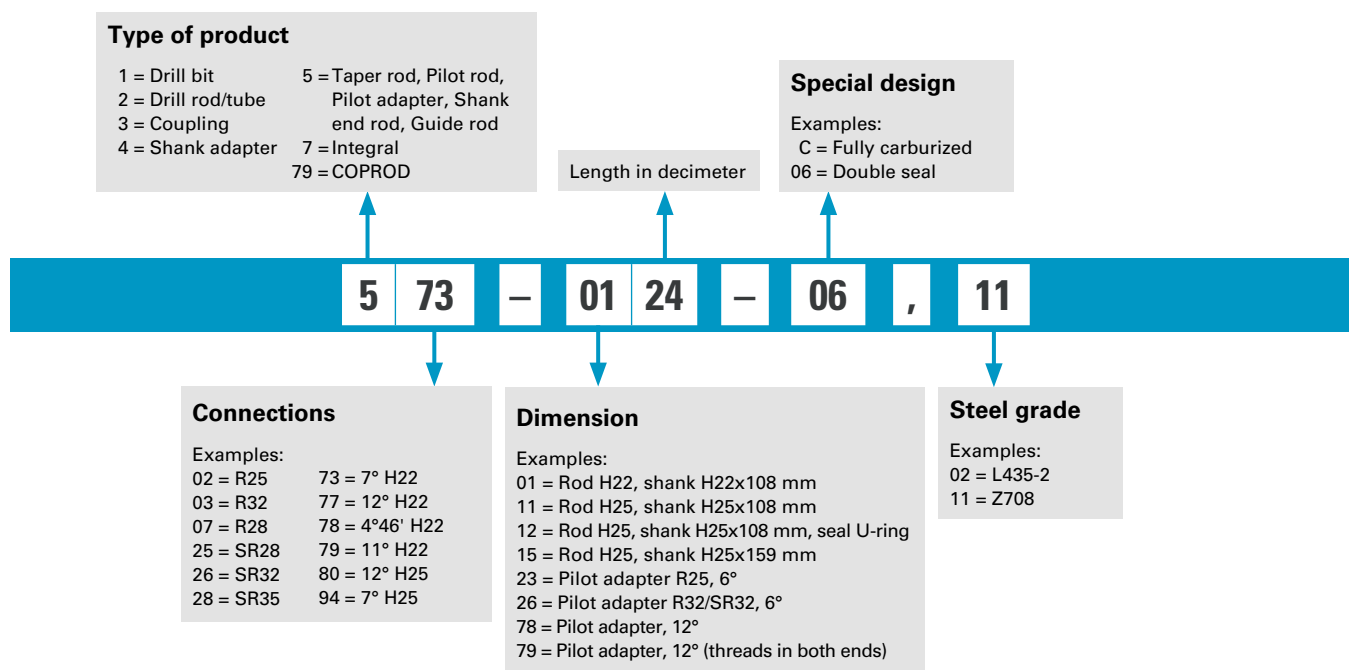
SHANK ADAPTERS

Example: 435-09103-18,10



TAPERED RODS ETC.

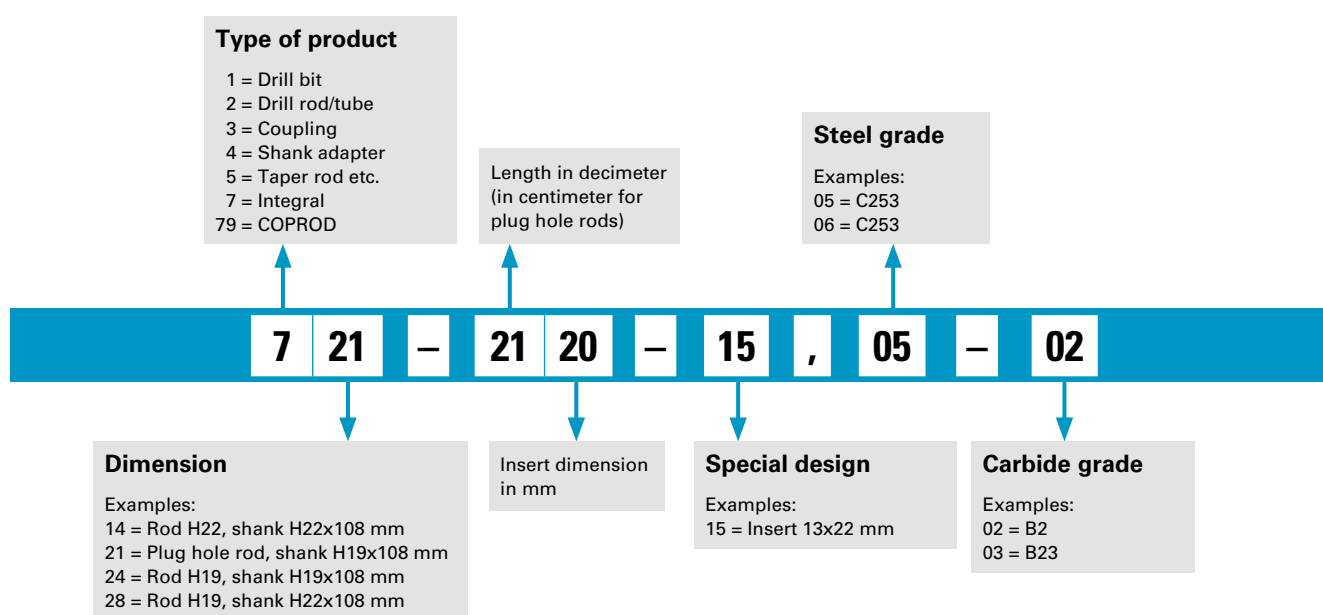
Example: 573-0124-06,11





INTEGRALS

Example: 721-2120-15,05-02







UNDERGROUND ROCK DRILLS

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ROBUST DESIGN – HIGH IMPACT ENERGY

Secoroc pusher leg and stoper rock drills cover all construction, tunneling and mining applications in different rock formations. They are robust designed, with high impact energy and low air consumption. All of the rock drills have water flushing, rifle bar rotation and the pusher leg control is placed at the back head of the rock drill (except for S215). An in-line lubricator is included in the delivery of each rock drill. Together with the appropriate pusher leg, the rock drill forms an attractive and cost effective drilling unit.

Rock drills with pusher leg

YT29

The YT29A rock drill is the most rugged, powerful and highly efficient rock drill in the range. It provides improved productivity and drill steel economy and can be used on all rock formations and in various applications. It's available in two versions. The YT29A is our standard model and the YT29AE is equipped with an anti-vibration handle and larger silencer. Both rock drills are CE certified.



YT27

While efficient and with low energy consumption, the YT27 is durable, reliable and suitable for all applications and all kinds of rock. This rock drill has become the operator's choice in small scale mining operations, and today it's the preferred model in the most important mining markets in South Africa.



YT28

The YT28 rock drill has strong adaptability to the working conditions. The product is energy efficient and all components have long endurance and durability.





7655

The 7655 rock drill is an economical, reliable and durable all-round rock drill which suits most drilling applications.

The D-version of the 7655 is a robust and reliable CE certified rock drill. It requires less working air pressure and has lower air consumption than the 7655. This makes it suitable for work-sites with low airline pressure or low compressor capacity. Due to the fact that this drill is not as powerful as the YT27/YT29, it has become very appreciated in softer rock conditions.



S215

The Secoroc 215 rock drill is designed to meet the requirements from the South African mining industry for use in stoping, development, raise and box hole drilling, where lightweight and economic performance is essential. The rock drill is also designed to shut off the flushing water when the machine is not in drilling mode. This will guarantee that water consumption is kept to a minimum.



ROCK DRILLS SPECIFICATIONS

Product name	Product No.	Product code	Weight	Air requirement	Length incl. drill steel	Drill steel chuck (hex) retainer	Hole range diam.	Piston bore diam.	Piston stroke	Impact frequency	Rotation speed	Hose connection
YT29AE (hex 22 mm)	96000896	9605-0-3312300340	26.5 kg	62 l/s	659 mm	22 mm x 108 mm	34-45 mm	82 mm	60 mm	37 Hz	300 r/min	25 mm
YT29AE (hex 25 mm)	96000897	9605-0-3312300341	26.5 kg	62 l/s	659 mm	25 mm x 108 mm	34-45 mm	82 mm	60 mm	37 Hz	300 r/min	25 mm
YT29A (hex 22 mm)	96000010	9605-0-3312300312	26.5 kg	62 l/s	659 mm	22 mm x 108 mm	34-45 mm	82 mm	60 mm	37 Hz	300 r/min	25 mm
YT29A (hex 25 mm)	96000011	9605-0-3312300314	26.5 kg	62 l/s	659 mm	25 mm x 108 mm	34-45 mm	82 mm	60 mm	37 Hz	300 r/min	25 mm
YT27 (hex 22 mm)	96000005	9603-0-3312300303	27 kg	57 l/s	668 mm	22 mm x 108 mm	32-45 mm	80 mm	60 mm	39 Hz	300 r/min	25 mm
YT28 (hex 22 mm)	96000020	9604-0-3312300335	26 kg	58 l/s	661 mm	22 mm x 108 mm	32-42 mm	80 mm	60 mm	35 Hz	260 r/min	25 mm
7655 (hex 22 mm)	96000003	9600-0-3312300300	24 kg	54 l/s	628 mm	22 mm x 108 mm	32-42 mm	76 mm	60 mm	36 Hz	300 r/min	25 mm
7655D (hex 22 mm)	96000004	9601-0-3312300301	24 kg	52 l/s	668 mm	22 mm x 108 mm	32-42 mm	70 mm	70 mm	31 Hz	250 r/min	19 mm
S215 (hex 22 mm)	96000917	9605-0-3312300931	21.5 kg	55 l/s	460 mm	22 mm x 159 mm	32-38 mm	68 mm	55 mm	36 Hz	300 r/min	25 mm



Stoper rock drills

YSP45/YSP45K

The Secoroc stoper rock drill, YSP45, is of robust design for tough working conditions. Its high impact frequency makes it perfect for production drilling, driving of raises and bolting applications. The stoper is available with both hex 22 mm and hex 25 mm chuck bushing. It can also be set up for collarless drill rods as well as with retainer (YSP45K) if needed.

STOPER ROCK DRILLS SPECIFICATIONS

Product name	YSP45 (hex 22 mm)	YSP45 (hex 25 mm)
Product No.	96000006	96000857
Product code	962A-0-3312300305	962A-0-3312300874
Air requirement	83 l/s	83 l/s
Rotation speed	350 r/min	350 r/min
Rock drill piston bore	95 mm	95 mm
Impact energy at 5 bar	70 J	70 J
Impact frequency	45 Hz	45 Hz
Stroke length	47 mm	47 mm
Weight	44 kg	44 kg
Length retracted	1 420 mm	1 420 mm
Length extracted	2 170 mm	2 170 mm
Feeding length	750 mm	750 mm
Feed piston bore	74 mm	74 mm
Drill steel chuck	22 mm hex.	25 mm hex.



Pusher legs

FT160A, 160B, 160C, 160BC, S215PL

The Secoroc pusher legs are light in weight, easy to handle and connect. They are also powered directly from the rock drill except the S215PL. The pusher legs are available in different lengths and extensions to achieve necessary reach. They also come with a variety of tube diameters for different feed force to suit various rock drills as well as different types of rock. The FT160C has extra extension for higher reach. The FT160B features a powerful leg for small drifting purposes.

PUSHER LEGS SPECIFICATIONS

Product name	FT160A	FT160B	FT160C	FT160BC	S215PL
Product No.	96000038	96000039	96000040	96000041	96000991
Product code	9616-0-3312300608	9617-0-3312300609	9619-0-3312300610	9618-0-3312300619	9620-0-3312300630
Weight	17 kg	16 kg	18 kg	17 kg	18 kg
Length retracted	1 668 mm	1 488 mm	1 820 mm	1 800 mm	1 570 mm
Length extracted	3 026 mm	2 526 mm	3 310 mm	3 165 mm	2 570 mm
Feeding length	1 338 mm	1 098 mm	1 490 mm	1 365 mm	1 000 mm
Piston bore	65 mm	65 mm	65 mm	65 mm	62 mm
Suitable for rock drill	7655, 7655D, YT27, YT29A	7655, 7655D, YT27, YT29A	YT27, YT29A	YT28	S215







SURFACE ROCK DRILLS

Rock drills19

PRODUCTIVE, RELIABLE AND ECONOMICAL FOR YOUR APPLICATION

Secoroc surface rock drills are suitable for all kinds of surface drilling. They are easy to use, reliable and can work with low air pressure from 4 bar and upwards. An inline lubricator is included in the delivery of the Y19A rock drill. Y26 has a built-in lubricator. Both types of rock drills are delivered with air flushing. When a light rock drill is needed, Y19A is a perfect choice for light construction, light quarrying and secondary blasting.



Rock drills

Y26

Secoroc Y26 is of robust design for tough working conditions. It has high impact frequency and is mainly used for production drilling in DSI quarries, construction work and mining applications. The Y26 is available with both hex 22 mm and hex 25 mm chuck bushing. It can also be set up for water flushing if needed. Foot plates (kit) are also available (see Accessories). CE certified.

Y19A

Secoroc Y19A is a lighter rock drill to be used in construction, light quarrying and secondary blasting. This rock drill is also CE certified.



SURFACE ROCK DRILLS SPECIFICATIONS			
Product name	Y19A	Y26 (hex 22 mm)	Y26 (hex 25 mm)
Product No.	96000007	96000008	96000009
Product code	964G-0-3312300308	964H-0-3312300309	964H-0-3312300310
Weight	19 kg	26 kg	26 kg
Air requirement at 5 bar	43 l/s	50 l/s	50 l/s
Length incl. drill steel retainer	600 mm	650 mm	650 mm
Drill steel chuck (hex)	22 x 108 mm	22 x 108 mm	25 x 108 mm
Hole range diameter	32-42 mm	32-42 mm	32-42 mm
Piston bore diameter	65 mm	65 mm	65 mm
Piston stroke	54 mm	70 mm	70 mm
Impact frequency at 5 bar	35 l/s	27 l/s	27 l/s
Rotation speed	200 r/min	280 r/min	280 r/min
Hose connection	19 mm	19 mm	19 mm





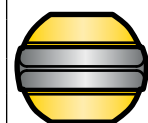


INTEGRAL EQUIPMENT

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Plug hole rods	23



DRILL RODS 19 MM (3/4")

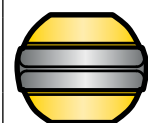


Chisel bit integral.
Rod hex. 19 mm (3/4").
Shank hex. 19 mm (3/4") × 108 mm (4 1/4").
Flushing hole diameter 6,0 mm.

Series	Product No.	Product code	Length (L)		Bit diameter		Weight approx. kg
			mm	foot/inch	mm	inch	
	90504884	724-0429,06-02	400	1' 3 3/4"	29	1 1/32	1.3
	90509848	724-0529,06-02	500	1' 7 5/8"	29	1 1/32	2.0
	90504888	724-0828,06-02	800	2' 7 1/2"	28	1 1/8	2.2
	90505388	724-1028,06-02	1 000	3' 3 3/8"	28	1 1/8	2.6
	90504981	724-1227,06-02	1 200	3' 11 1/4"	27	1 1/16	3.0
	90504891	724-1627,06-02	1 600	5' 3"	27	1 1/16	4.0
	90504898	724-3225,06-02	3 200	10' 6"	25	1	7.5
	90515550	724-4024,06-03	4 000	13' 1 1/2"	24	1 5/16	9.2
22	90504883	724-0424,06-02	400	1' 3 3/4"	24	1 5/16	1.3
	90504887	724-0823,06-02	800	2' 7 1/2"	23	29/32	2.2
24	90504886	724-0627,06-02	600	1' 11 5/8"	27	1 1/16	1.7
	90504890	724-1226,06-02	1 200	3' 11 1/4"	26	1 1/32	3.1
	90514488	724-2424,06-03	2 400	7' 10 1/2"	24	1 5/16	5.7
25	90504885	724-0435,06-02	400	1' 3 3/4"	35	1 3/8	1.4
	90504889	724-0834,06-02	800	2' 7 1/2"	34	1 11/32	2.3
	90504900	728-0424,06-02	400	1' 3 3/4"	24	1 5/16	1.4
	90508901	728-0429,06-02	400	1' 3 3/4"	29	1 5/32	1.4
	90504902	728-0627,06-02	600	1' 11 5/8"	27	1 1/16	1.8
	90504903	728-0823,06-02	800	2' 7 1/2"	23	29/32	2.3
	90504904	728-0828,06-02	800	2' 7 1/2"	28	1 1/8	2.3
	90505405	728-1223,06-02	1 200	3' 11 1/4"	23	29/32	3.0
	90504906	728-1627,06-02	1 600	5' 3"	27	1 1/16	4.0
	90504907	728-2426,06-02	2 400	7' 10 1/2"	26	1 1/32	5.8

Chisel bit integral.
Rod hex. 22 mm (7/8").
Shank hex. 22 mm (7/8") × 108 mm (4 1/4").
Flushing hole diameter 6,0 mm.
If needed:
Seal Product No. 90002047 /
Seal Product code 9159-06.

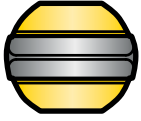
DRILL RODS 22 MM (7/8")



Chisel bit integral.
Rod hex. 22 mm (7/8").
Shank hex. 22 mm (7/8") × 108 mm (4 1/4").
Flushing hole diameter 6,7 mm.
If needed:
Seal Product No. 90002047 /
Seal Product code 9159-06.

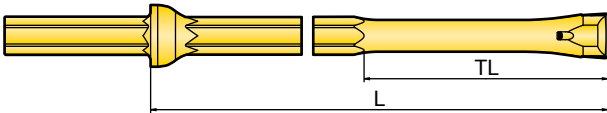
Series	Product No.	Product code	Length (L)		Bit diameter		Weight approx. kg
			mm	foot/inch	mm	inch	
11	90503753	714-0834,05-02	800	2' 7 1/2"	34	1 11/32	3.0
	90503757	714-1633,05-02	1 600	5' 3"	33	1 5/16	5.4
	90503761	714-2432,05-02	2 400	7' 10 1/2"	32	1 1/4	7.9
	90503763	714-3231,05-02	3 200	10' 6"	31	1 7/32	10.3
	90503764	714-4030,05-02	4 000	13' 1 1/2"	30	1 3/16	12.6
	90503765	714-4829,05-02	4 800	15' 9"	29	1 5/32	15.1
	90503766	714-5628,05-02	5 600	18' 4 1/2"	28	1 1/8	17.6
	90503767	714-6427,05-02	6 400	21'	27	1 1/16	19.9
	90504197	714-7226,05-02	7 200	23' 7 1/2"	26	1 1/32	22.3
12	90503754	714-0840,05-02	800	2' 7 1/2"	40	1 9/16	3.0
	90503758	714-1639,05-02	1 600	5' 3"	39	1 17/32	5.4
	90503762	714-2438,05-02	2 400	7' 10 1/2"	38	1 1/2	7.8
	90503801	714-3237,05-02	3 200	10' 6"	37	1 15/32	10.3
	90503798	714-4036,05-02	4 000	13' 1 1/2"	36	1 13/32	12.6
	90503866	714-4835,05-02	4 800	15' 9"	35	1 3/8	15.1
	90503867	714-5634,05-02	5 600	18' 4 1/2"	34	1 11/32	17.6
	90503868	714-6433,05-02	6 400	21'	33	1 5/16	19.8
	90504222	714-7232,05-02	7 200	23' 7 1/2"	32	1 1/4	22.2
	90504223	714-8031,05-02	8 000	26' 3"	31	1 7/32	24.6

DRILL RODS 22 MM (7/8")

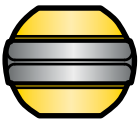


Chisel bit integral.
Rod hex. 22 mm (7/8").
Shank hex. 22 mm (7/8") × 108 mm (4 1/4").
Flushing hole diameter 6,7 mm.
If needed:
Seal Product No. 90002047 /
Seal Product code 9159-06.

Series	Product No.	Product code	Length (L)		Bit diameter		Weight approx. kg
			mm	foot/inch	mm	inch	
13	90503769	714-0434,05-02	400	1' 3 3/4"	34	1 11/32	1.7
	90504245	714-0833,05-02	800	2' 7 1/2"	33	1 5/16	3.0
	90503755	714-1232,05-02	1 200	3' 11 1/4"	32	1 1/4	4.2
	90504164	714-1631,05-02	1 600	5' 3"	31	1 1/32	5.3
16	90503759	714-2030,05-02	2 000	6' 6 3/4"	30	1 3/16	6.5
	90503752	714-0635,05-02	600	1' 11 5/8"	35	1 3/8	2.4
	90503756	714-1234,05-02	1 200	3' 11 1/4"	34	1 11/32	4.2
	90503855	714-1833,05-02	1 800	5' 10 7/8"	33	1 5/16	6.1
17	90503761	714-2432,05-02	2 400	7' 10 1/2"	32	1 1/4	7.9
	90504195	714-0641,05-02	600	1' 11 5/8"	41	1 5/8	2.4
	90503852	714-1240,05-02	1 200	3' 11 1/4"	40	1 9/16	4.3
	90503851	714-1839,05-02	1 800	5' 10 7/8"	39	1 17/32	6.1
	90503762	714-2438,05-02	2 400	7' 10 1/2"	38	1 1/2	7.8
	90509881	714-0435,05-02	400	1' 3 3/4"	35	1 3/8	1.7
	90505191	714-0441,05-02	400	1' 3 3/4"	41	1 5/8	1.8
	90504161	714-0829,05-02	800	2' 7 1/2"	29	1 5/32	3.0
	90504821	714-1233,05-02	1 200	3' 11 1/4"	33	1 5/16	4.3
	90509651	714-1239,05-02	1 200	3' 11 1/4"	39	1 17/32	4.3
	90504420	714-1628,05-02	1 600	5' 3"	28	1 1/8	5.3
	90504759	714-1836,05-02	1 800	5' 10 7/8"	36	1 13/32	6.0
	90504226	714-2032,05-02	2 000	6' 6 3/4"	32	1 1/4	6.6
	90503760	714-2033,05-02	2 000	6' 6 3/4"	33	1 5/16	6.6
	90503641	714-2427,05-02	2 400	7' 10 1/2"	27	1 1/16	7.9
	90003610	714-3228,05-03	3 200	10' 6"	28	1 1/8	10.5
	90504227	714-3232,05-02	3 200	10' 6"	32	1 1/4	10.5
	90504198	714-8026,05-02	8 000	26' 3"	26	1 1/32	24.7
	90504798	714-9629,05-02	9 600	31' 6"	29	1 5/32	30.4



PLUG HOLE RODS 19 MM (3/4")



Chisel bit plug hole rod.
Shank hex. 19 mm (3/4") × 108 mm (4 1/4").
Flushing hole diameter 6,7 mm.

Product No.	Product code	Length (L)		Bit diameter		Turned length (TL)		Weight approx. kg
		mm	foot/inch	mm	inch	mm	inch	
90502158	721-2117-15,05-02	210	8 1/4"	17	21/32	150	5 7/8	0.6
90003106	721-2120-15,05-02	210	8 1/4"	20	25/32	150	5 7/8	0.7
90503789	721-2122-15,05-02	210	8 1/4"	22	7/8	150	5 7/8	0.7
90514294	721-2322-17,05-02	230	9 1/16"	22	7/8	170	6 3/4	0.8
90003071	721-2620-20,05-02	260	10 1/4"	20	25/32	200	7 7/8	0.8
90509624	721-2622-20,05-02	260	10 1/4"	22	7/8	200	7 7/8	0.8
90504653	721-3122-25,05-02	310	1' 1/4"	22	7/8	250	9 7/8	0.8
90003105	721-3420-28,05-02	340	1' 1 3/8"	20	25/32	280	11	0.9

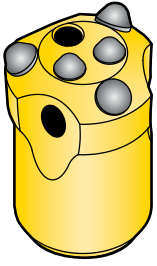




TAPERED EQUIPMENT

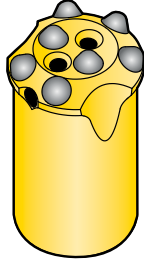
Drill bit design.....	26
Drill bits	27
Tapered rods	29
Tapered drifter rods	30

Drill bit design



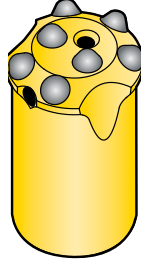
Model -12

For soft to medium hard rock formations. One front and two side flushing holes.



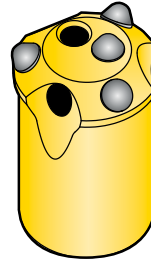
Model -14

For soft to medium hard rock. Two front and one side flushing hole.



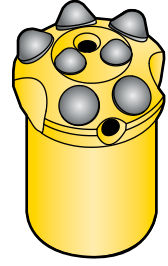
Model -17

All-round drill bit for soft to medium hard rock. Front and side flushing. Diameters up to 34 mm.



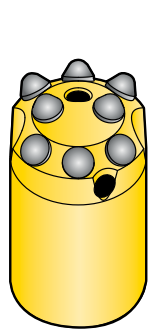
Model -23

For soft and abrasive rock. Front and side flushing.



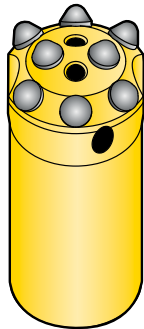
Model -27

All-round drill bit for medium hard to hard rock formations. Front and side flushing. Diameters from 35 mm.



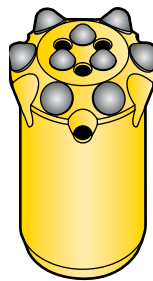
Model -33

All-round bit with six gauge buttons for medium hard to hard rock formations. Front and side flushing. Inclined front buttons.



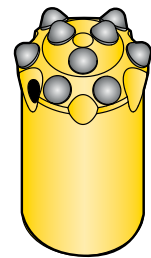
Model -34

All-round bit for soft to hard rock formations. Two front flushing holes for optimal speed and less hole deviation. Inclined front buttons.



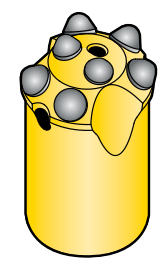
Model -37

All-round drill bit for soft, medium and hard rock with excellent flushing capacity. Front and side flushing.



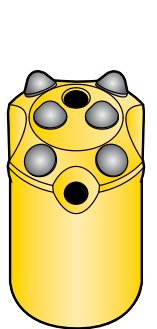
Model -40

All-round bit for medium hard to hard rock. Side flushing only. Inclined front buttons.



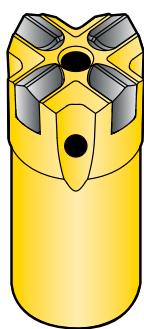
Model -41, short skirt

All-round bit for medium hard to hard rock. Front and side flushing. Inclined front buttons.



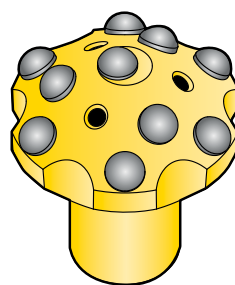
Model -56

All-round drill bit for medium hard to hard rock formations. Front and side flushing.



Cross-type bit

For hard and abrasive rock. Front and side flushing.



Tapered reaming bit.

An alternative to traditional reaming equipment for hand-held drilling and small tunneling applications. To be used together with standard H22 taper rods with taper angles 7°, 11° or 12°.

PLEASE OBSERVE

that all button bits are manufactured over-sized 0.5-1.0 mm, meaning that for example a 36.0 mm bit is at least 36.5 mm as new. 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 due to drilling conditions, drilling practices and ground formation.

DRILL BITS

Diameter		Product No.	Product code	Length		No. of buttons	Buttons × button diameter (mm)		Gauge buttons angle°	Front buttons angle°	Flushing hole		Weight approx. kg
mm	inch			mm	inch		Gauge	Centre			Side	Centre	
BUTTON BIT - For 22 mm (7/8") hex. rod. 4°46' taper angle. Short skirt.													
36	1 ¹³ / ₃₂	90510678	178-9036-14-67,39-20	50	1 ³¹ / ₃₂	7	5×7	2×7	35°	—	1	2	0.3
BUTTON BIT - For 22 mm (7/8") hex. rod. 11° taper angle. Short skirt.													
32	1¼	90512816	179-9032-33-67,39-20	55	2 ⁵ / ₃₂	8	6×7	2×7	39°	15°	1	1	0.3
32	1¼	90510189	179-9032-56-67,50-20	50	1 ³¹ / ₃₂	6	4×7	2×7	35°	—	1	1	0.3
34	1 ¹¹ / ₃₂	90516496	179-9034-12-67,51-20	50	1 ³¹ / ₃₂	5	3×8	2×7	35°	—	2	1	0.2
34	1 ¹¹ / ₃₂	90512881	179-9034-40-67,39-20	50	1 ³¹ / ₃₂	9	6×7	3×7	40°	20°	2	—	0.3
34	1 ¹¹ / ₃₂	90029049	179-9034-56-67,51-20	50	1 ³¹ / ₃₂	6	4×7	2×7	40°	—	1	1	0.2
35	1 ³ / ₈	90512818	179-9035-41-67-L,39-20*	55	2 ⁵ / ₃₂	7	5×8	2×7	40°	15°	1	1	0.3
36	1 ¹³ / ₃₂	90509968	179-9036-27-67,39-20	50	1 ³¹ / ₃₂	7	5×8	2×7	35°	—	1	1	0.3
36	1 ¹³ / ₃₂	90512965	179-9036-12-67,51-20	50	1 ³¹ / ₃₂	5	3×8	2×8	40°	—	2	1	0.2
38	1½	90512968	179-9038-23-67,51-20	50	1 ³¹ / ₃₂	4	3×9	1×9	40°	—	2	1	0.3
38	1½	90509966	179-9038-27-67,39-20	50	1 ³¹ / ₃₂	7	5×9	2×7	35°	—	1	1	0.3
41	1 ⁵ / ₈	90509962	179-9041-27-67,39-20	50	1 ³¹ / ₃₂	7	5×9	2×7	35°	—	2	1	0.3
43	1 ¹¹ / ₁₆	90512898	179-9043-27-67,51-20	50	1 ³¹ / ₃₂	7	5×9	2×9	35°	—	2	1	0.4
BUTTON BIT - For 22 mm (7/8") hex. rod. 12° taper angle. Short skirt.													
27	1 ¹ / ₁₆	90512895	177-9027-56-67,51-20	50	1 ³¹ / ₃₂	6	4×6	2×6	40°	15°	1	1	0.2
28	1 ¹ / ₈	90510695	177-9028-23-67,39-20	50	1 ³¹ / ₃₂	4	3×7	1×7	20°	—	1	1	0.1
28	1 ¹ / ₈	90516429	177-9028-56-67,51-20	50	1 ³¹ / ₃₂	6	4×6	2×6	35°	—	1	1	0.2
30	1 ³ / ₁₆	90510181	177-9030-56-67,51-20	50	1 ³¹ / ₃₂	6	4×7	2×7	30°	—	1	1	0.2
32	1¼	90509650	177-9032-14-67,39-20	55	2 ⁵ / ₃₂	7	5×7	2×7	35°	—	1	2	0.3
32	1¼	90509841	177-9032-17-67,39-20	55	2 ⁵ / ₃₂	7	5×7	2×7	35°	—	1	1	0.2
32	1¼	90512817	177-9032-34-67,39-20	55	2 ⁵ / ₃₂	8	6×7	2×7	39°	15°	1	2	0.3
33	1 ⁵ / ₁₆	90512648	177-9033-14-67,39-20	55	2 ⁵ / ₃₂	7	5×7	2×7	35°	—	1	2	0.2
33	1 ⁵ / ₁₆	90509842	177-9033-17-67,39-20	55	2 ⁵ / ₃₂	7	5×7	2×7	35°	—	1	1	0.2
33	1 ⁵ / ₁₆	90003511	177-9033-34-67,39-20	55	2 ⁵ / ₃₂	8	6×7	2×7	35°	—	1	2	0.2
33	1 ⁵ / ₁₆	90513909	177-9033-41-67,39-20	55	2 ⁵ / ₃₂	7	5×8	2×7	40°	15°	1	1	0.2
34	1 ¹¹ / ₃₂	90509956	177-9034-27-67,39-20	55	2 ⁵ / ₃₂	7	5×8	2×7	35°	—	1	1	0.2
35	1 ³ / ₈	90509535	177-9035-27-67,39-20	55	2 ⁵ / ₃₂	7	5×9	2×7	35°	—	1	1	0.2
36	1 ¹³ / ₃₂	90512721	177-9036-27-67,39-20	55	2 ⁵ / ₃₂	7	5×9	2×7	35°	—	1	1	0.3
37	1 ¹⁵ / ₃₂	90512710	177-9037-27-67,39-20	55	2 ⁵ / ₃₂	7	5×9	2×7	40°	—	1	1	0.3
38	1½	90512658	177-9038-17-67,39-20	55	2 ⁵ / ₃₂	7	5×9	2×7	40°	—	1	1	0.3
38	1½	90510676	177-9038-23-67,39-20	55	2 ⁵ / ₃₂	4	3×9	1×9	40°	—	1	1	0.2
38	1½	90509554	177-9038-27,39-20	55	2 ⁵ / ₃₂	7	5×9	2×7	35°	—	1	1	0.2
38	1½	90512669	177-9038-27-67,39-20	55	2 ⁵ / ₃₂	7	5×9	2×7	35°	—	1	1	0.2
41	1 ⁵ / ₈	90512318	177-9041-27-67,39-20	55	2 ⁵ / ₃₂	7	5×9	2×7	35°	—	1	1	0.3
45	1¾	90512619	177-9045-27-67,39-20	55	2 ⁵ / ₃₂	7	5×9	2×7	35°	—	1	1	0.3

-67 = Ballistic buttons. * Long bit head.

Cont. next page

DOMES BITS FOR REAMING – TAPER ANGLE 7°, 11°, 12°

Taper angle	Diameter		Product No.	Product code	No. of buttons	Buttons × button diameter (mm)		Gauge buttons angle	Flushing hole		Weight approx. kg
	mm	inch				Gauge	Centre		Side	Centre	
TAPERED DOME BIT - Spherical buttons											
7°	64	2½	90003661	173-5064-42-24,49-20	10	9x11	1x11	35°	3	1	0.8
11°	64	2½	90003662	179-5064-42-24,49-20	10	9x11	1x11	35°	3	1	0.7
12°	64	2½	90003663	177-5064-42-24,49-20	10	9x11	1x11	35°	3	1	0.8

Please note text on page 26 about finished hole size.

DRILL BITS

Diameter		Product No.	Product code	Length		No. of buttons	Buttons × button diameter (mm)		Gauge buttons angle°	Front buttons angle°	Flushing hole		Weight approx. kg
mm	inch			mm	inch		Gauge	Centre			Side	Centre	
BUTTON BIT - For 22 mm (7/8") hex. rod. 4°46' taper angle. Long skirt.													
33	1 5/16	90512905	178-5033-41-67,51-20	71	2 5/32	7	5x8	2x7	40°	15°	1	1	0.4
36	1 13/32	90512919	178-5036-27-67,51-20	71	2 5/32	7	5x9	2x7	35°	—	1	1	0.4
41	1 5/8	90512901	178-5041-34-67,51-20	71	2 5/32	7	6×7	2×7	35°	—	—	2	0.4
43	1 11/16	90512900	178-5043-14-67,51-20	71	2 5/32	7	5x9	2x8	35°	—	2	1	0.4
BUTTON BIT - For 22 mm (7/8") hex. rod. 7° taper angle. Long skirt.													
30	1 3/16	90512883	173-5030-17-67,39-20	80	3 5/32	7	5×6	2×7	35°	—	2	1	0.2
32	1 1/4	90512799	173-5032-17-67,39-20	80	3 5/32	7	5×7	2×7	35°	—	1	1	0.3
33	1 5/16	90515546	173-5033-34-67,39-20	80	3 5/32	8	6×7	2×7	40°	—	1	2	0.3
33	1 5/16	90515547	173-5033-40-67,39-20	80	3 5/32	9	6×7	3×7	40°	20°	3	—	0.4
35	1 3/8	90512922	173-5035-41-67,39-20	80	3 5/32	7	5x8	2x7	40°	15°	1	1	0.4
37	1 15/32	90515584	173-5037-41-67,39-20	80	3 5/32	7	5×9	2×7	40°	15°	1	1	0.4
41	1 5/8	90514506	173-5041-41-67,39-20	80	3 5/32	7	5×9	2×8	40°	15°	1	1	0.4
BUTTON BIT - For 22 mm (7/8") hex. rod. 12° taper angle. Long skirt.													
32	1 1/4	90510640	177-5032-17-67,39-20	71	2 25/32	7	5×7	2×7	35°	—	1	1	0.3
33	1 5/16	90512297	177-5033-17-67,39-20	71	2 25/32	7	5×7	2×7	35°	—	1	1	0.3
33	1 5/16	90512825	177-5033-34-67,39-20	71	2 25/32	8	6×7	2×7	40°	15°	1	2	0.3
33	1 5/16	90512707	177-5033-40-67,39-20	71	2 25/32	9	6×7	3×7	40°	20°	3	—	0.3
35	1 3/8	90512826	177-5035-34-67,39-20	71	2 25/32	8	6×8	2×7	45°	15°	1	2	0.3
38	1 1/2	90502644	177-5038-27,39-20	71	2 25/32	7	5×9	2×7	35°	—	1	1	0.4
BUTTTON BIT - For 25 mm (1") hex. rod. 7° taper angle. Long skirt.													
41	1 5/8	90512830	194-5041-27,39-20	71	2 25/32	7	5x9	2x8	40°	—	1	1	0.4
41	1 5/8	90512831	194-5041-27-67,39-20	71	2 25/32	7	5x9	2x8	40°	—	1	1	0.4
41	1 5/8	90512984	194-5041-37-67,39-20	71	2 25/32	9	6x9	3x7	40°	—	1	3	0.4
41	1 5/8	90516567	194-5041-56-67,39-20	71	2 25/32	6	4x9	2x8	35°	—	1	1	0.2
43	1 11/16	90512985	194-5043-37-67,39-20	71	2 25/32	9	6x9	3x7	40°	—	1	3	0.5
43	1 11/16	90516568	194-5043-56-67,39-20	71	2 25/32	6	4x9	2x8	35°	—	1	1	0.3
BUTTON BIT - For 25 mm (1") hex. rod. 12° taper. Long skirt.													
36	1 13/32	90514202	180-5036-99-67,39-20	71	2 25/32	7	5x9	2x7	35°	15°	1	1	0.3
38	1 1/2	90512064	180-5038-27-67,39-20	71	2 25/32	7	5×9	2×7	40°	—	1	1	0.4
41	1 5/8	90512486	180-5041-27-67,39-20	71	2 25/32	7	5×9	2×7	40°	—	1	1	0.4
CROSS-TYPE BIT - For 22 mm (7/8") hex. rod. 7° taper angle. Long skirt.													
35	1 3/8	90509643	173-7035-28,01-17	71	2 25/32	—	—	—	—	—	2	—	0.3
CROSS-TYPE BIT - For 22 mm (7/8") hex. rod. 12° taper angle. Long skirt.													
29	1 5/32	90503889	177-7029,01-17	71	2 25/32	—	—	—	—	—	2	1	0.2
30	1 3/16	90516346	177-1030-10,01-17	71	2 25/32	—	—	—	—	—	2	1	0.2
32	1 1/4	90503024	177-7032,01-17	71	2 25/32	—	—	—	—	—	2	1	0.3
32	1 1/4	90512643	177-7032-10,01-17	71	2 25/32	—	—	—	—	—	2	1	0.3
33	1 5/16	90509505	177-7033,01-17	71	2 25/32	—	—	—	—	—	2	1	0.3
35	1 3/8	90500739	177-7035,01-17	71	2 25/32	—	—	—	—	—	2	1	0.3
38	1 1/2	90500740	177-7038,01-17	71	2 25/32	—	—	—	—	—	2	1	0.4
41	1 5/8	90503890	177-7041,01-17	71	2 25/32	—	—	—	—	—	2	1	0.5
45	1 3/4	90503069	177-7045,01-17	71	2 25/32	—	—	—	—	—	2	1	0.6

-67 = Ballistic buttons.

Please note text on page 26 about finished hole size.

TAPERED RODS

Shank hex. 22 mm (7/8") x 108 mm (4 1/4"). Rod hex. 22 mm (7/8")
Flushing hole diameter 6.7 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
4°46' taper angle				
800	2' 7½"	90510626	578-0108,11	2.9
1 600	5' 3"	90510627	578-0116,11	5.4
2 000	6' 6¾"	90510628	578-0120,11	6.6
2 400	7' 10½"	90510629	578-0124,11	7.8
3 200	10' 6"	90510630	578-0132,11	10.2
3 500	11' 5¾"	90513835	578-0135,11	11.1
4 000	13' 1½"	90510631	578-0140,11	12.7
7° taper angle				
400	1' 3¾"	90513772	573-0104,11	1.7
800	2' 7½"	90505067	573-0108,11	2.7
1 600	5' 3"	90504826	573-0116,11	5.4
1 830	6'	90504827	573-0118,11	6.0
2 000	6' 6¾"	90504756	573-0120,11	6.7
2 435	8'	90504828	573-0124,11	7.7
2 435	8'	90515483	573-0124-C,02	7.8
3 050	10'	90504829	573-0131,11	9.8
3 200	10' 6"	90504831	573-0132,11	10.1
3 200	10' 6"	90516583	573-0132-C,02	10.1
3 660	12'	90514346	573-0136,11	11.4
4 000	13' 1½"	90513773	573-0140,11	12.7
4 000	13' 1½"	90516584	573-0140-C,02	12.7
4 800	15' 9"	90515495	573-0148,11	15.1
5 600	18' 4½"	90514493	573-0156,11	17.1
6 400	21'	90514494	573-0164,11	19.5
7 200	23' 7½"	90514495	573-0172,11	22.0
8 000	26' 3"	90514496	573-0180,11	24.2
11° taper angle				
800	2' 7½"	90504864	579-0108,11	2.8
1 220	4'	90504865	579-0112,11	4.2
1 525	5'	90504867	579-0115,11	5.3
1 600	5'3"	90510144	579-0116,11	5.3
1 830	6'	90504868	579-0118,11	5.9
2 000	6' 6¾"	90504869	579-0120,11	6.6
2 435	8'	90504871	579-0124,11	7.7
2 435	8'	90505441	579-0124-C,02	7.9
3 200	10' 6"	90510202	579-0132,11	10.3
3 655	11' 11⅞"	90510203	579-0137,11	11.7
4 000	13' 1½"	90510245	579-0140,11	12.8
4 800	15' 9"	90510817	579-0148,11	15.2
5 600	18' 4½"	90510894	579-0156,11	17.6
6 400	21'	90510895	579-0164,11	20.0
7 200	23' 7½"	90510896	579-0172,11	22.4
8 000	26' 3"	90510897	579-0180,11	24.9



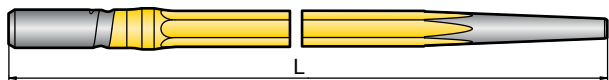
Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
12° taper angle				
610	2'	90504832	577-0106,11	2.2
800	2' 7½"	90504833	577-0108,11	2.8
1 220	4'	90504835	577-0112,11	4.2
1 220	4'	90505433	577-0112-C,02	4.2
1 525	5'	90504837	577-0115,11	4.9
1 525	5'	90515271	577-0115-C,02	4.9
1 830	6'	90001398	577-0118,11	6.1
1 830	6'	90505434	577-0118-C,02	6.1
2 000	6' 6¾"	90504839	577-0120,11	6.8
2 435	8'	90504841	577-0124,11	7.6
2 435	8'	90505436	577-0124-C,02	7.8
3 050	10'	90504843	577-0131,11	9.9
3 050	10'	90505437	577-0131-C,02	9.9
3 200	10'6"	90504844	577-0132,11	9.9
3 655	11' 11⅞"	90504845	577-0137,11	11.3
3 655	11' 11⅞"	90505438	577-0137-C,02	11.7
3 965	13'	90504846	577-0140,11	12.2
4 800	15' 9"	90504847	577-0148,11	14.7
5 600	18' 4½"	90504848	577-0156,11	17.1
6 400	21'	90504849	577-0164,11	19.5
7 200	23' 7½"	90504850	577-0172,11	22.0
8 000	26' 3"	90504851	577-0180,11	24.2

Shank hex. 25 mm (1") x 108 mm (4 1/4"). Rod hex. 25 mm (1")
Flushing hole diameter 8,6 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
7° taper angle				
600	1' 11½"	90029209	594-1106-C,02	2.6
1 220	4'	90029211	594-1112-C,02	2.8
1 500	4' 11"	90029212	594-1115-C,02	6.5
1 600	5' 3"	90029213	594-1116-C,02	6.9
1 830	6'	90029095	594-1118-C,02	8.0
2 000	6' 6¾"	90029214	594-1120-C,02	8.5
2 200	7' 2⅝"	90029215	594-1122-C,02	9.3
2 400	7' 10½"	90029219	594-1124-C,02	10.1
2 600	8' 6⅜"	90029220	594-1126-C,02	10.9
3 200	10' 6"	90029221	594-1132-C,02	13.2
3 900	12' 9½"	90029222	594-1139-C,02	16.1
7° taper angle, without forged collar. L = total length				
600	1' 11½"	90515874	594-5106,11	2.4
1 000	3' 3⅜"	90515875	594-5110,11	4.0
1 400	4' 7⅞"	90515876	594-5114,11	5.6
1 800	5' 10⅞"	90515877	594-5118,11	7.2

TAPERED DRIFTER RODS

R32 (1¼") Hex. 25 mm (1") 4°46'



Fully carburized. Rod section 28.4 mm.
Flushing hole diameter 8.6 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
2 000	6' 6⅝"	90029168	297-0320-03-99-C,02	8.1
2 160	7' 1"	90003622	297-0322-03-C,02	8.5
2 300	7' 6½"	90003539	297-0323-03-C,02	8.9
2 900	9' 6⅝"	90003623	297-0329-03-C,02	11.2
3 100	10' 2"	90003540	297-0331-03-C,02	12.0

TAPERED DRIFTER ROD

R28 (1⅝") Hex. 25 mm (1") 11°

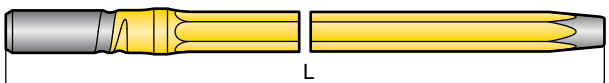


Fully carburized. Rod section 28.4 mm.
Flushing hole diameter 8.6 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
2 100	6' 10⅝"	90003633	279-0321-07-C,02	8.1

TAPERED DRIFTER RODS

R32 (1¼") Hex. 25 mm (1") 11°

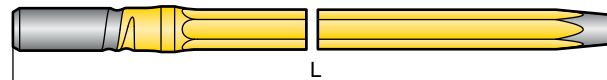


Fully carburized. Rod section 28.4 mm.
Flushing hole diameter 8.6 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
2 200	7' 2⅝"	90003697	279-0322-03-C,02	8.6
2 800	9' 2¼"	90514410	279-0328-03-C,02	10.8

TAPERED DRIFTER RODS

R28 (1⅝") Hex. 28 mm (1⅛") 11°



Fully carburized. Rod section 31.8 mm.
Flushing hole diameter 8.8 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
2 100	6' 10⅝"	90516503	279-0421-07-C,02	10.5

TAPERED DRIFTER RODS

R32 (1¼") Hex. 25 mm (1") 12°



Fully carburized. Rod section 28.4 mm.
Flushing hole diameter 8.6 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
2 400	7' 10½"	90003520	277-0324-03-C,02	9.3
2 780	9' 1½"	90505274	277-0328-03-91-C,02	10.7
3 400	11' 1⅞"	90504668	277-0334-03-C,02	13.2
3 700	12' 1⅝"	90003679	277-0337-03-C,02	14.4

TAPERED DRIFTER ROD

R32 (1¼") Hex. 28 mm (1⅛") 12°



Fully carburized. Rod section 31.8 mm.
Flushing hole diameter 8.8 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
2 600	8' 6⅝"	90510248	280-0426-03-C,02	13.5



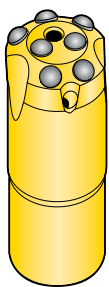




THREADED EQUIPMENT

Drill bit design.....	34
Magnum SR22 ($\frac{7}{8}$ ").....	36
R25 (1")	38
Magnum SR28 ($1\frac{1}{8}$ ").....	42
Dome bits for reaming	45
Reaming equipment.....	46

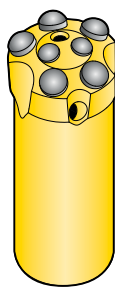
Drill bit design



Model -17

2+3 gauge buttons, 2 front buttons.

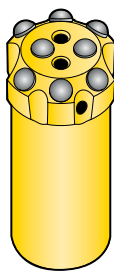
One front and two side flushing holes.



Model -27

2+3 gauge buttons, 2 front buttons.

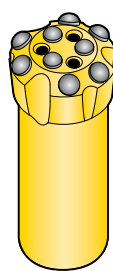
With its large gauge buttons, model -27 is ideal for medium-hard to hard abrasive rock. Available with spherical or ballistic (-67) buttons.



Model -34

3+3 gauge buttons, 2 front buttons.

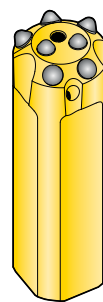
Model -34 offers very good penetration. Ideal for most rock formations including hard rock. Available with spherical or ballistic (-67) buttons.



Model -37

2+2+2 gauge buttons, 3 front buttons.

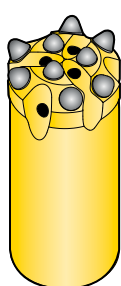
With 9 buttons and superb flushing, model -37 bits offer very good penetration. Ideal for most rock formations including hard rock with heavy frontal wear on the bit. Available with spherical or ballistic (-67) buttons.



Model -27-30, -37-30

Guide bit. Square skirt.

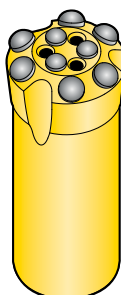
Ideal where hole deviation is a problem. Longer service life, better penetration rate and longer grinding intervals compared to a cross-type bit, which is normally used to avoid hole deviations. Suitable for most rock formations including hard rock. Available with spherical or ballistic (-67) buttons.



Model -37-66

2+2+2 gauge buttons, 3 front buttons.

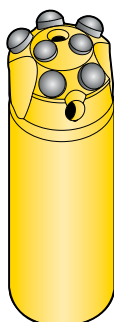
With 9 full-ballistic buttons and excellent flushing with extra flushing grooves, model -37-66 offers extremely good penetration rate in soft rock.



Model -39

2+2+2 gauge buttons, 3 smaller front buttons.

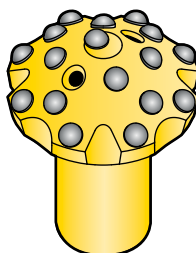
With its larger gauge buttons, model -39 is ideal for abrasive rock. Available with spherical or ballistic (-67) buttons.



Model -41

2+3 gauge buttons, 2 front buttons.

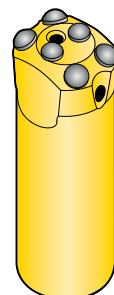
For medium-hard to hard rock formations. Available with spherical or ballistic (-67) buttons. Inclined front.



Model -42

Reaming bit. Dome-shaped front.

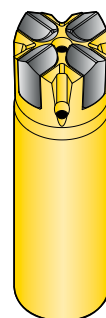
Model -42 is an alternative to traditional reaming equipment. Use in a pre-drilled pilot hole. Tried and tested with excellent results.



Model -56

2+2 gauge buttons, 2 smaller front buttons.

Traditionally used in hard rock formations, model -56 delivers excellent penetration rate. Available only with spherical buttons.



Cross-type bit

4 chisel inserts in cross formation.

Traditional insert bit for extremely abrasive rock formations. Ideal for soft formations that cause "snakeskin" problems for carbide. Produces straight holes but has lower penetration than button bits.

- **5** XXX
Flat face button bit

- **6** XXX
Drop center button bit

-XXXX- **67**
Ballistic buttons

-XXXX- **66**
Full-ballistic buttons

-XXXX- **45**
Retrac skirt

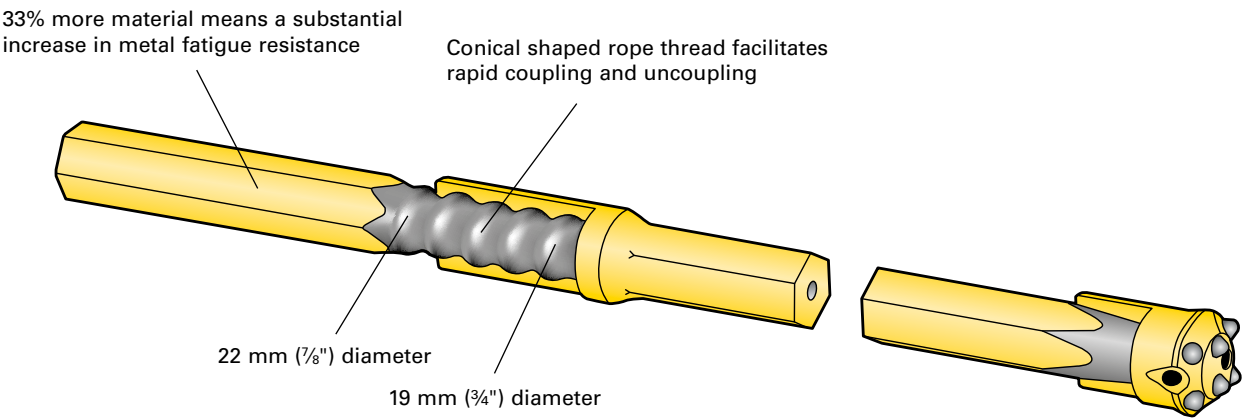
PLEASE OBSERVE

that all button bits are manufactured over-sized 0.5-1.0 mm, meaning that for example a 36.0 mm bit is at least 36.5 mm as new. This is done because of the fast initial wear on button bits.

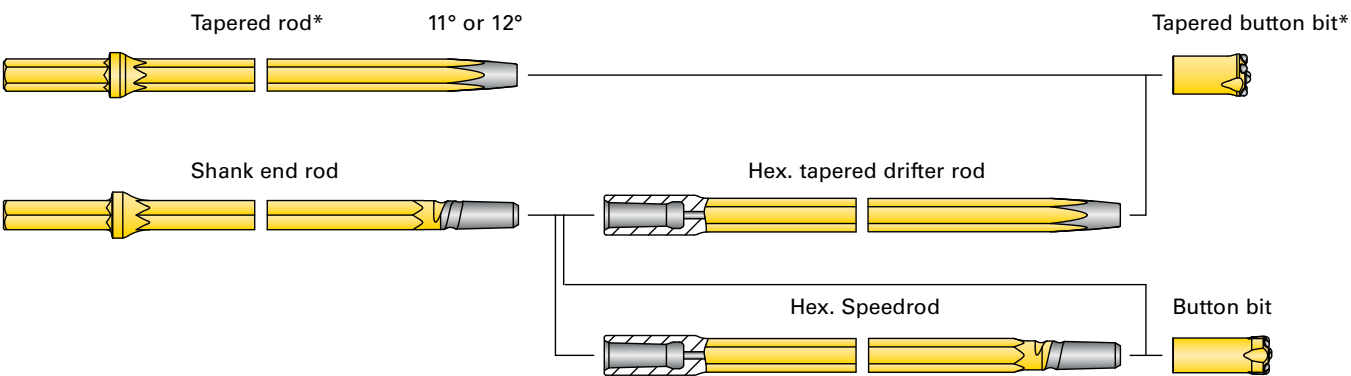
It is important to consider that the drilled hole could vary in size due to drilling conditions, drilling practices and ground formation.



Magnum SR22 thread system

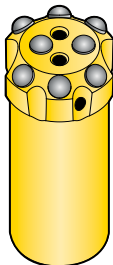


Drill string



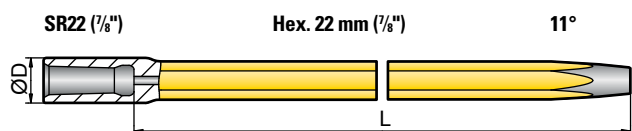
* Tapered rods and tapered button bits can be found on page 26 - 30.

DRILL BIT



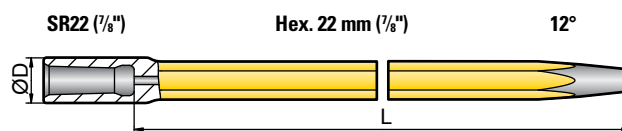
-5033-34-67

Diameter		Product No.	Product code	No. of buttons	Buttons × button diameter (mm)		Buttons angle°		Flushing hole		Weight approx. kg
mm	inch				Gauge	Centre	Gauge	Centre	Side	Centre	
BUTTON BIT - Ballistic buttons BUTTON BIT - Ballistic buttons											
33	1⅝	90029254	129-5033-34-67,39-20	8	6×7	2×7	40°	15°	1	2	0.3
Please note text on page 34 about finished hole size.											

TAPERED DRIFTER RODS

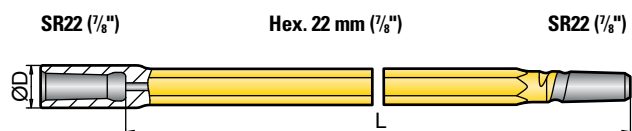
Fully carburized. D = 30 mm. Rod section 24.8 mm.
Flushing hole diameter 6.7 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
140	5½"	90003703	279-0201-29-91-MF-C,02	0.6
340	1'13⁄8"	90515243	279-0203-29-91-MF-C,02	1.3
600	1'11½"	90516414	279-0206-29-MF-C,02	2.1

TAPERED DRIFTER RODS

Fully carburized. D = 30 mm. Rod section 24.8 mm.
Flushing hole diameter 6.7 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
825	2'8½"	90003722	277-0208-29-91-MF-C,02	2.5

SPEEDRODS

Fully carburized. D = 30 mm. Rod section 24.8 mm.
Flushing hole diameter 6.7 mm.

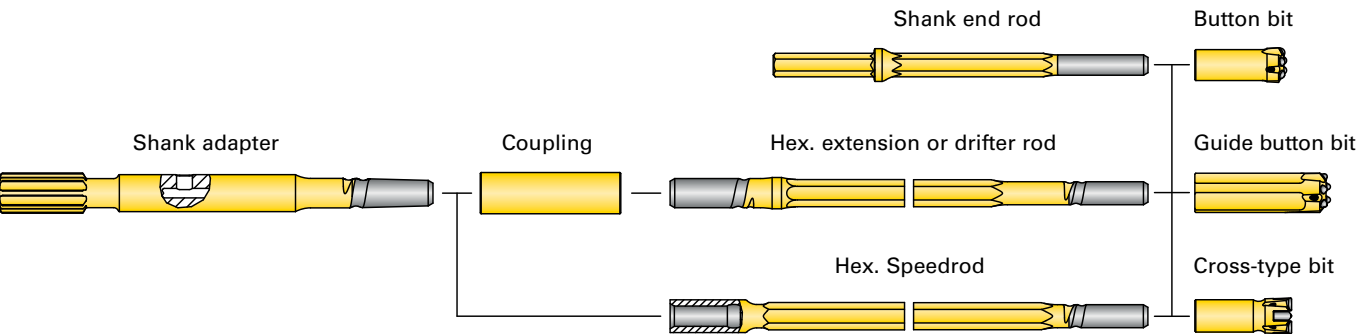
Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
340	1'13⁄8"	90515244	229-0203-91-MF-C,02	1.2
600	1'11½"	90516402	229-0206-MF-C,02	2.0
1 220	4'	90516438	229-0212-MF-C,02	3.9
2 435	8'	90516504	229-0224-MF-C,02	7.7

SHANK END RODS

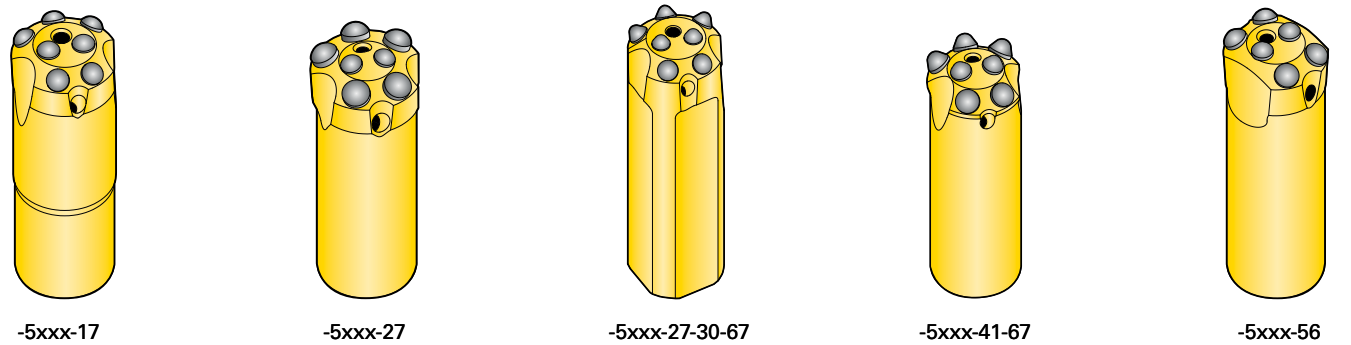
Fully carburized.
Flushing hole diameter 6.7 mm.

Length (L)		Product No.	Product code	Seal Product No.	Seal Product code	Weight approx. kg
mm	foot/inch					
Shank hex. 22 mm (7/8") × 108 mm (4¼"). SR22 mm (7/8") thread.						
340	1'13⁄8"	90003629	529-0103-91-C,02	—	—	1.4
552	1'9¾"	90003631	529-0106-91-C,02	—	—	2.0
Shank hex. 22 mm (7/8") × 159 mm (6¼"). SR22 mm (7/8") thread.						
100	3'15⁄16"	90003645	529-0201-91-C,02	—	—	0.7
340	1'13⁄8"	90003630	529-0203-91-C,02	—	—	1.4

Drill string R25

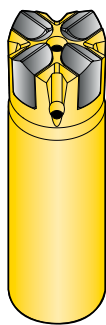


DRILL BITS



Diameter		Product No.	Product code	No. of buttons	Buttons × button diameter (mm)		Buttons angle°		Flushing hole		Weight approx. kg
mm	inch				Gauge	Centre	Gauge	Centre	Side	Centre	
BUTTON BIT - Spherical buttons											
33	1 ⁵ / ₁₆	90510448	102-5033-17,39-20	7	5×7	2×7	35°	—	1	1	0.4
35	1 ³ / ₈	90505181	102-5035-27,39-20	7	5×9	2×7	25°	10°	1	1	0.5
37	1 ¹⁵ / ₃₂	90505295	102-5037-27,39-20	7	5×9	2×7	30°	—	1	1	0.4
37	1 ¹⁵ / ₃₂	90513899	102-5037-99,39-20	7	5×9	2×7	35°	15°	1	1	0.5
38	1 ¹ / ₂	90505179	102-5038-27,39-20	7	5×9	2×7	30°	—	1	1	0.6
38	1 ¹ / ₂	90510206	102-5038-56,39-20	6	4×9	2×8	30°	—	2	1	0.5
41	1 ⁵ / ₈	90505175	102-5041-27,39-20	7	5×9	2×8	35°	—	1	1	0.6
41	1 ⁵ / ₈	90510207	102-5041-56,39-20	6	4×9	2×9	35°	—	2	1	0.6
45	1 ³ / ₄	90505145	102-5045-27,39-20	7	5×11	2×8	30°	—	2	1	0.7
45	1 ³ / ₄	90510208	102-5045-56,39-20	6	4×11	2×9	35°	—	2	1	0.6
48	1 ⁷ / ₈	90513912	102-5048-27,39-20	7	5×11	2×9	35°	10°	2	1	1.0
51	2	90505353	102-5051-27,39-20	7	5×11	2×10	35°	—	2	1	1.0
BUTTON BIT - Ballistic buttons											
33	1 ⁵ / ₁₆	90510274	102-5033-17-67,39-20	7	5×7	2×7	35°	—	1	1	0.4
33	1 ⁵ / ₁₆	90514118	102-5033-41-67,39-20	7	5×8	2×7	40°	15°	1	1	0.4
35	1 ³ / ₈	90509723	102-5035-27-67,39-20	7	5×9	2×7	25°	—	1	1	0.5
37	1 ¹⁵ / ₃₂	90513900	102-5037-99-67,39-20	7	5×9	2×7	40°	20°	1	1	0.5
38	1 ¹ / ₂	90505180	102-5038-27-67,39-20	7	5×9	2×7	40°	—	1	1	0.5
41	1 ⁵ / ₈	90505176	102-5041-27-67,39-20	7	5×9	2×8	40°	—	1	1	0.6
41	1 ⁵ / ₈	90510662	102-5041-27-30-67,39-20	7	5×9	2×8	40°	—	1	1	0.8

DRILL BITS



Cross-type bit

Diameter		Product No.	Product code	Insert		Flushing hole		Weight approx. kg
mm	inch			Width (mm)	Height (mm)	Side	Centre	
CROSS-TYPE BIT								
35	1⅜	90514221	102-7035-44,20-17	10.3	19.5	2	1	0.4
38	1½	90514222	102-7038-44,20-17	10.3	19.5	4	1	0.7
41	1⅝	90514231	102-7041-44,20-17	11.1	20.0	4	1	0.8
45	1¾	90510687	102-7045-44,20-17	11.1	20.0	2	1	0.8
48	1⅞	90510652	102-7048-38,02-17	14.0	22.0	4	1	1.0
51	2	90510653	102-7051-38,02-17	14.0	22.0	4	1	1.1

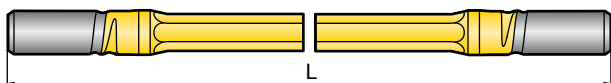
Please note text on page 34 about finished hole size.

EXTENSION RODS

R25 (1")

Hex. 22 mm (7/8")

R25 (1")



Light equipment, fully carburized. Rod section 24.8 mm.
Flushing hole diameter 6.7 mm.



Length (L)		Product No.	Product code		Weight approx. kg
mm	foot		Fully carburized	Surface hardened	
610	2	90548008	202-0206-C,02		2.0
1 220	4	90000524	202-0212-C,02		3.7

EXTENSION RODS

R25 (1") hex. rod



Fully carburized or surface hardened. Rod section 28.5 mm.
Flushing hole diameter 8.6 mm.



Length (L)		Product No.	Product code		Weight approx. kg
mm	foot/inch		Fully carburized	Surface hardened	
915	3'	90548035	202-0309-C,02		3.3
1 000	3' 3 3/8"	90509525	202-0310-C,02		3.9
1 220	4'	90000131	202-0312-C,02		4.5
1 525	5'	90000535	202-0315-C,02		5.7
1 830	6'	90000132	202-0318-C,02		6.9
2 435	8'	90548093	202-0324-C,02		9.2
2 800	9' 2 1/4"	90003687	202-0328-C,02		11.9
3 050	10'	90000981	202-0331-C,02		11.9
3 050	10'	90002576		202-0331-SH,03	11.9

DRIFTER RODS

R32 (1¼") Hex. 25 mm (1") R25 (1")



Fully carburized. Rod section 28.4 mm.
Flushing hole diameter 8.6 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
2 100	6'10 ⁵ / ₈ "	90503413	202-0321-03-C,02	8.6
2 200	7'2 ⁵ / ₈ "	90580096	202-0322-03-C,02	9.0
2 400	7'10 ¹ / ₂ "	90503115	202-0324-03-C,02	9.3
2 460	8'7 ⁷ / ₈ "	90510804	202-0325-03-91-C,02	10.1
2 600	8'6 ³ / ₈ "	90504963	202-0326-03-C,02	10.0
2 675	8'9 ⁹ / ₈ "	90505259	202-0327-03-91-C,02	10.4
2 800	9'2 ¹ / ₄ "	90505346	202-0328-03-C,02	10.8
3 090	10'1 ⁵ / ₈ "	90539158	202-0331-03-C,02	12.0
3 700	12'1 ⁵ / ₈ "	90002721	202-0337-03-C,02	14.6
4 000	13'1 ¹ / ₂ "	90590088	202-0340-03-C,02	15.8

SPEEDRODS

R25 (1") hex. Speedrod



Fully carburized. D = 35 mm. Rod section 28.5 mm.
Flushing hole diameter 8.6 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot			
610	2	90505035	202-0306-MF-C,02	2.6
1 220	4	90505036	202-0312-MF-C,02	5.0
1 830	6	90515510	202-0318-MF-C,02	7.2
3 050	10	90515578	202-0331-MF-C,02	12.0

COUPLINGS



Full bridge -57.

Thread diameter		Diameter		Length		Product No.	Product code	Weight approx. kg
mm	inch	mm	inch	mm	inch			
R25	1	33	1 ⁵ / ₁₆	150	5 ⁷ / ₈	90515728	302-0033,02	0.5
R25	1	34.5	1 ³ / ₈	150	5 ⁷ / ₈	90515729	302-0035,02	0.8
R32	1¼	44	1 ²³ / ₃₂	150	5 ⁷ / ₈	90515731	303-0044,10	0.9
R32	1¼	44	1 ²³ / ₃₂	160	6 ⁵ / ₁₆	90515732	303-0044-57,10	1.0

SHANK END RODS

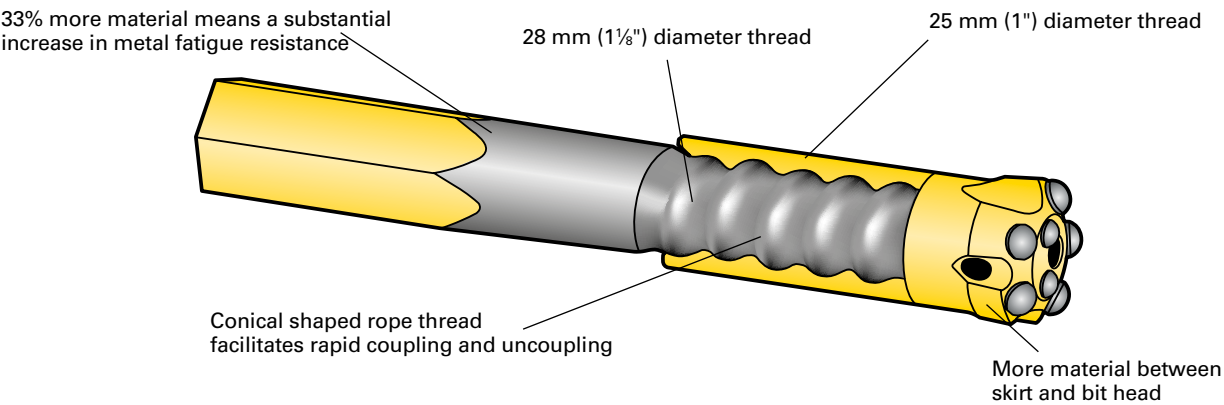


Fully carburized.

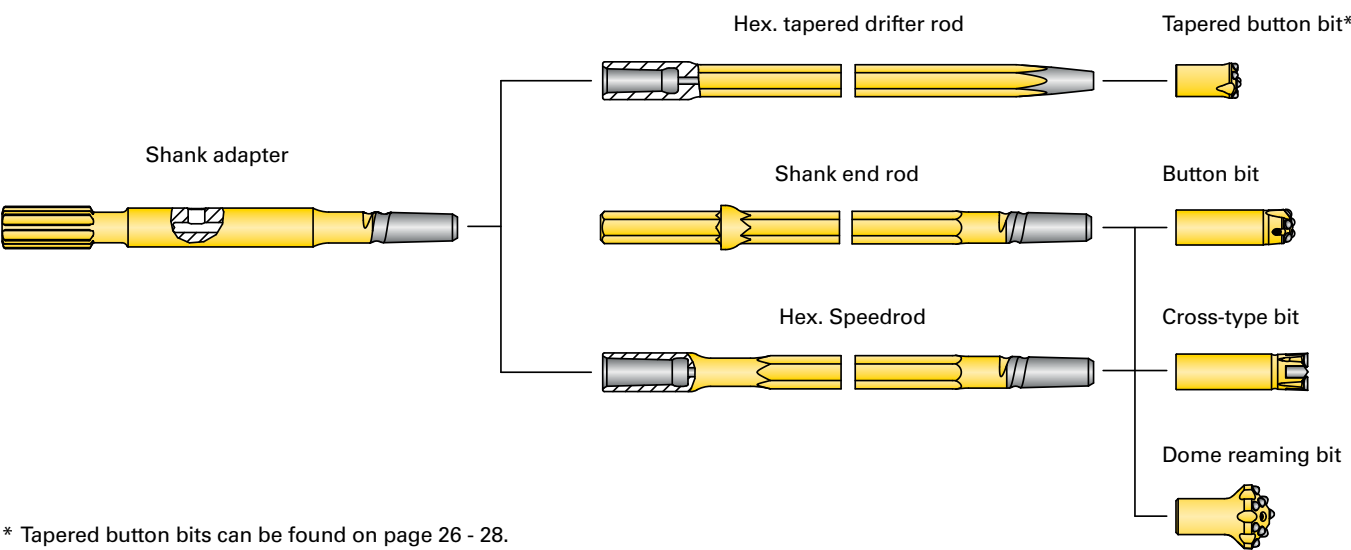
Length (L)		Product No.	Product code	Seal Product No.	Seal Product code	Weight approx. kg
mm	foot/inch					
Shank hex. 22 mm (7/8") × 108 mm (4 1/4"). 25 mm (1") thread. Flushing hole diameter 6,7 mm.						
265	10 3/8"	90000237	502-0103-06-C,02	90002182	9232	1.2
610	2'	90570115	502-0106-06-C,02	90002182	9232	2.3
760	2' 5 7/8"	90510004	502-0108-06-C,02	90002182	9232	2.9
1 000	3' 3 3/8"	90531258	502-0110-06-C,02	90002182	9232	3.4
1 200	3' 11 1/4"	90580089	502-0112-06-C,02	90002182	9232	4.5
1 600	5' 3"	90514336	502-0116-06-C,02	90002182	9232	5.7
1 830	6'	90500017	502-0118-06-C,02	90002182	9232	6.1
2 435	8'	90510009	502-0124-06-C,02	90002182	9232	7.9
3 200	10' 6"	90500012	502-0132-06-C,02	90002182	9232	10.4
4 000	13' 1 1/2"	90502700	502-0140-06-C,02	90002182	9232	13.0
2 400	7' 10 1/2"	90513918	502-0124-C,02	—	—	7.9
3 200	10' 6"	90513919	502-0132-C,02	—	—	10.4
3 600	11' 9 3/4"	90510785	502-0136-C,02	—	—	11.8
265	10 3/8"	90505427	502-0103-C,02	—	—	1.2
760	2' 5 7/8"	90516357	502-0108-C,02	—	—	2.9
1 600	5' 3"	90516358	502-0116-C,02	—	—	5.7
1 830	6'	90516360	502-0118-C,02	—	—	6.2
2 400	7' 10 1/2"	90513918	502-0124-C,02	—	—	7.9
3 200	10' 6"	90513919	502-0132-C,02	—	—	10.4
3 600	11' 9 3/4"	90510785	502-0136-C,02	—	—	11.8
4 000	13' 1 1/2"	90516359	502-0140-C,02	—	—	12.2
Shank hex. 25 mm (1") × 108 mm (4 1/4"). 25 mm (1") thread. Flushing hole diameter 8.6 mm.						
255	10"	90000240	502-1203-C,02	90000378	9150-08	1.4
610	2'	90505425	502-1206-C,02	90000378	9150-08	3.1
1 200	3' 11 1/4"	90505424	502-1212-C,02	90000378	9150-08	5.1
1 830	6'	90505423	502-1218-C,02	90000378	9150-08	7.7
2 435	8'	90500568	502-1224-C,02	90000378	9150-08	9.5
Shank hex. 25 mm (1") × 159 mm (6 1/4"). 25 mm (1") thread. Flushing hole diameter 8.6 mm.						
255	10"	90000247	502-1503-C,02	90000378	9150-08	1.6
610	2'	90510516	502-1506-C,02	90000378	9150-08	3.1
800	2' 7 1/2"	90513915	502-1508-C,02	90000378	9150-08	4.1
3 200	10' 6"	90000986	502-1532-C,02	90000378	9150-08	13.2



Magnum SR28 thread system



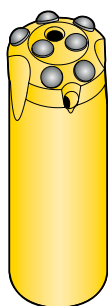
Drill string



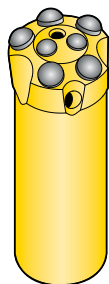
* Tapered button bits can be found on page 26 - 28.



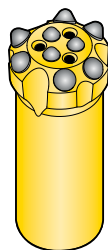
DRILL BITS



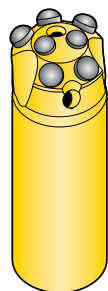
-5033-17



-5xxx-27



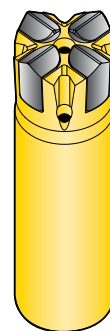
-5xxx-37-67



-5xxx-41



Dome reaming bit



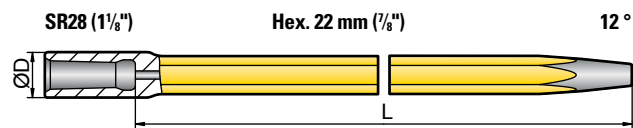
Cross-type bit

Diameter		Product No.	Product code	No. of buttons	Buttons × button diameter (mm)		Buttons angle°		Flushing hole		Weight approx. kg
mm	inch				Gauge	Centre	Gauge	Centre	Side	Centre	
BUTTON BIT - Spherical buttons											
33	1⅜	90514200	125-5033-17,39-20	7	5×7	2×7	35°	—	1	1	0.4
33	1⅜	90514117	125-5033-41,39-20	7	5×8	2×7	40°	15°	1	1	0.4
35	1⅝	90514322	125-5035-27,39-20	7	5×9	2×7	25°	10°	1	1	0.4
38	1½	90514282	125-5038-27,39-20	7	5×9	2×7	30°	—	1	1	0.5
41	1⅞	90515379	125-5041-27,39-20	7	5×9	2×8	40°	—	1	1	0.7
45	1¾	90514507	125-5045-27,39-20	7	5×11	2×8	30°	—	2	1	0.9
76	3	90515258	125-5076-42-24,49-20*	10	9x12.7	1x12.7	35°	—	1	3	2.0
BUTTON BIT - Ballistic buttons											
33	1⅜	90514137	125-5033-41-67,39-20	7	5×8	2×7	40°	15°	1	1	0.4
35	1⅝	90514102	125-5035-27-67,39-20	7	5×9	2×7	25°	10°	1	1	0.4
38	1½	90516334	125-5038-41-67,39-20	7	5×9	2×8	40°	20°	1	1	0.5
41	1⅞	90516383	125-5041-37-67,39-20	9	6×9	3×7	40°	—	—	3	0.5
45	1¾	90516422	125-5045-37-67,39-20	9	6×9	3×8	40°	—	—	3	0.7
CROSS-TYPE BIT				Insert							
				Width (mm)		Height (mm)					
33	1⅜	90514429	125-7033-44,20-17	10.3		19.5		2		1	0.5
35	1⅝	90516590	125-7035-44,20-17	10.3		19.5		2		1	0.5

* For reaming, reversed flushing.

Please note text on page 34 about finished hole size.

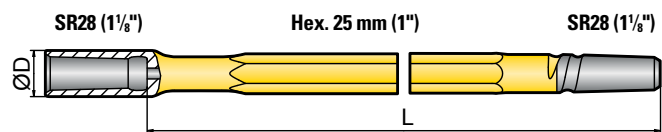
TAPERED DRIFTER RODS



Fully carburized. D = 34 mm. Rod section 24.8 mm.
Flushing hole diameter 6.7 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
675	2' 2 5/8"	90514449	277-0207-25-91-MF-C,02	2.3
1 165	3' 9 7/8"	90514450	277-0212-25-91-MF-C,02	3.8
1 665	5' 5 1/2"	90514451	277-0217-25-91-MF-C,02	5.3

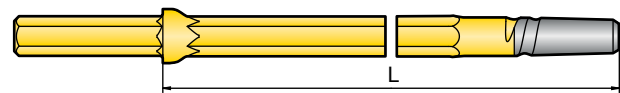
SPEEDRODS



Fully carburized. D = 34 mm. Rod section 28.5 mm.
Flushing hole diameter 8.6 mm.

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
2 400	7' 10 1/2"	90003689	225-0324-69-MF-C,02	9,7
3 050	10'	90516350	225-0331-69-MF-C,02	12.1

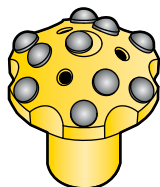
SHANK END RODS



Fully carburized.
Flushing hole diameter 8.6 mm.

Length (L)		Product No.	Product code	Seal Product No.	Seal Product code	Weight approx. kg
mm	foot/inch					
Shank hex. 25 mm (1") × 108 mm (4¼"). 28 mm (1⅝") thread.						
265	10⅝"	90516367	525-1103-C,02	—	—	1.7
3 660	12'	90516330	525-1237-C,02	90000378	9150-08	15.2

DOME BITS FOR REAMING – TAPER ANGLE 7°, 11°, 12°



-5064-42-24

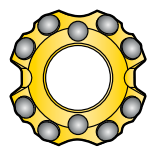
Taper angle	Diameter		Product No.	Product code	No. of buttons	Buttons × button diameter (mm)		Gauge buttons angle	Flushing hole		Weight approx. kg
	mm	inch				Gauge	Centre		Side	Centre	
TAPERED DOME BIT - Spherical buttons											
7°	64	2½	90003661	173-5064-42-24,49-20	10	9x11	1x11	35°	3	1	0.8
11°	64	2½	90003662	179-5064-42-24,49-20	10	9x11	1x11	35°	3	1	0.7
12°	64	2½	90003663	177-5064-42-24,49-20	10	9x11	1x11	35°	3	1	0.8

Please note text on page 34 about finished hole size.



Reaming equipment

DRILL BITS, 6° TAPER ANGLE



Reaming button bits for
pilot rods and R25 (1")
pilot adapter.

Diameter		Product No.	Product code	No. of buttons	Buttons × button diameter (mm)		Gauge buttons angle°	Weight approx. kg
mm	inch				Gauge	Centre		
64	2½	90510459	175-5064,39-20	10	8×10	2×9	35°	0.8
76	3	90510460	175-5076,39-20	10	8×11	2×11	35°	1.2

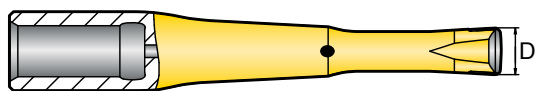
PILOT RODS, 6° TAPER ANGLE



22 mm (7/8") hex. Shank length 108 mm (4¼"). D = 26 mm (1⅜").

Length (L)		Product No.	Product code	Weight approx. kg
mm	foot/inch			
800	2'7½"	90000296	575-3108,11-17	3.3
1 200	3'11¼"	90000297	575-3112,11-17	4.5
1 600	5'3"	90000298	575-3116,11-17	5.6
2 000	6'6¾"	90000300	575-3120,11-17	7.0
2 400	7'10½"	90000301	575-3124,11-17	8.2

PILOT ADAPTER, 6° TAPER ANGLE (WITH INSERT)



For 64 and 76 mm reaming button bits.
Flushing hole diameter 6.0 mm.

Thread		Diameter (D)		Pilot hole mm	Product No.	Product code	Weight approx. kg
mm	inch	mm	inch				
R25	1	26	1⅜	36	90516256	502-2303,02-17	1.3



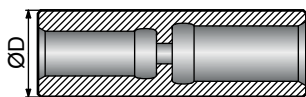




CROSS OVER COUPLINGS AND CROSS OVER ADAPTERS

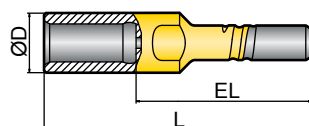
Cross over coupling.....	50
Cross over adapter	50

CROSS OVER COUPLING



Thread	Length		Diameter (D)		Product No.	Product code	Weight approx. kg
	mm	inch	mm	inch			
R25-R32	160	6 ⁵ / ₁₆	44	1 ²³ / ₃₂	90515746	302-1044-03,10	1.2

CROSS OVER ADAPTER



Thread		Length (L)		Effective length (EL)		Diameter (D)		Product No.	Product code	Weight approx. kg
Female	Male	mm	inch	mm	inch	mm	inch			
R25	R32	195	7 ¹¹ / ₁₆	120	4 ³ / ₄	45	1 ³ / ₄	90516019	302-2045-03,10	1.2







PNEUMATIC TOOLS

Pneumatic breakers.....	54
Chipping hammers.....	54
Pick hammers.....	55



B90

Pneumatic breakers

The Secoroc B70 and B90 pneumatic breakers are powerful tools suitable for demolition, concrete and asphalt breaking, breaking up of frozen ground, digging, breaking of non-consolidated rock and various other tasks. The breakers are equipped with a built-in lubricator.

The Secoroc B90 is the heavier breaker with high output, ideal for demolition, concrete breaking and heavy asphalt cutting. The B70 is a medium size, all-round breaker, suitable for a wide variety of construction and demolition tasks.

PNEUMATIC BREAKERS SPECIFICATIONS

Product	B90	B70
Product No.	96000028	96000029
Product code	965L-0-3312300412	965J-0-3312300413
Weight	34-36 kg	29-31 kg
Air consumption, l/s	26 l/s	24 l/s
Working pressure	4-7 bar	4-7 bar
Length	745 mm	725 mm
Impact frequency	1 000 blows/min	1 000 blows/min
Tool retainer	Kick latch	Kick latch

Silencer and different shank sizes are available.

Please note that the breaker comes without claw coupling.

Couplings available on request.



C6E

Chipping hammers

Secoroc chipping hammers are durable and easy to use. Built on proven technology, they are used in many applications, including chipping of castings and weldings as well as getting stone products into definite shape. They can also be used for riveting 8-12 mm rivets.

The C6B and C6E is an improved version of the C6 with roughly 60 percent more impact energy, giving superior performance.

CHIPPING HAMMERS SPECIFICATIONS

Product name	C6E
Product No.	96000030
Product code	9660-0-3312300419
Tool shank	Round 17.3 x 60
Weight	6 kg
Air consumption	≤10 l/s
Length	370 l/s
Impact frequency	≥1 500 blows/min
Tool retainer	Yes



G10

Pick hammers

Secoroc Pneumatic pick hammers are durable and easy to use. They are built with well proven technology and are light weight in relation to their performance. They are widely used in construction, demolition, mining and in industrial applications.

The G10 and G10L picks are used in coal mining, road repair work, demolition, light trenching and when breaking frozen ground.

The G7 pick hammer is light and easy to handle. It is used for demolition work in confined spaces or when working upwards or in difficult positions. Additional applications are found in coal mining and also in chipping of large-sized castings and welding parts and to get stone products into definite shape.

PICK HAMMERS SPECIFICATIONS

Product name	G10	G10L	G7
Product No.	96000021	96000022	96000023
Product code	966P-0-3312300400	966P-0-3312300401	966Q-0-3312300402
Tool shank	Round 25x75 mm	Round 24x70 mm	Round 26x80 mm
Weight	10.6 kg	10.6 kg	7.2 kg
Air consumption	≤20 l/s	≤20 l/s	≤20 l/s
Length	575 mm	575 mm	465 mm
Impact frequency	≥1 000 blows/min	≥1 000 blows/min	≥1 000 blows/min
Tool retainer	Spring	Spring	Spring







WORKING TOOLS

Overview tool types.....	58
Tools for pneumatic breakers and picks ..	59
Working tools	59

WORKING TOOLS FOR HANDHELD PRODUCTS

Working tools are manufactured from low carbon, case hardening steel that has been especially developed for the production of working tools. After heat treatment all tools are cleaned by inducing a positive stress into the surface.

Overview tool types

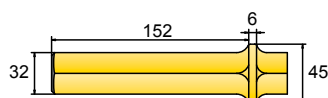
Moil point



Narrow chisel

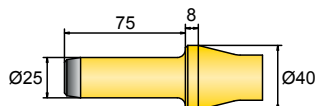


TOOLS FOR PNEUMATIC BREAKERS AND PICKS HEX 32 x 150 MM (FOR B90/B70/B87C)



Tool type	Working length		Total length		Product No.	Product code	Weight approx. kg
	mm	foot/inch	mm	foot/inch			
Moil point	450	1'5½"	600	1'11½"	96000792	965L-0-3312300813	4.2
Moil point	350	1'1¼"	500	1'7⅞"	96000058	965L-0-3312300726	3.5
Moil point	300	1'	450	1'5½"	96000059	965L-0-3312300728	3.2
Narrow chisel	450	1'5½"	600	1'11½"	96000988	965L-0-3312300724	4.2

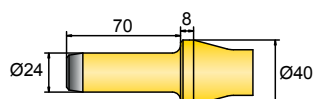
TOOLS FOR PNEUMATIC BREAKERS AND PICKS ROUND 25 x 75 MM (FOR G10)



Tool type	Working length		Total length		Product No.	Product code	Weight approx. kg
	mm	foot/inch	mm	foot/inch			
Moil point	270	10⅝"	350	1'1¼"	96000061	966P-1-3312300730	1.4
Moil point	320	1'⅝"	400	1'3¾"	96000062	966P-1-3312300731	1.8
Moil point	420	1'4½"	500	1'7⅞"	96000063	966P-1-3312300732	2.0
Moil point	520	1'8½"	600	1'11⅝"	96000064	966P-1-3312300733	2.4
Moil point	720	2'4⅜"	800	2'7½"	96000065	966P-1-3312300734	3.6
Moil point	920	3'¼"	1000	3'3⅜"	96000066	966P-1-3312300735	4.0
Moil point	1 120	3'8⅞"	1200	3'11¼"	96000067	966P-1-3312300736	5.4
Moil point	1 420	4'7⅞"	1500	4'11"	96000068	966P-1-3312300737	6.0

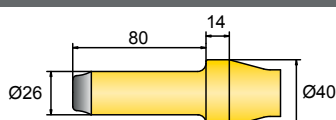


TOOLS FOR PNEUMATIC BREAKERS AND PICKS ROUND 24 x 75 MM (FOR G10L)



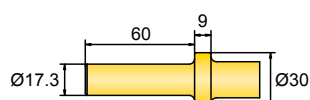
Tool type	Working length		Total length		Product No.	Product code	Weight approx. kg
	mm	foot/inch	mm	foot/inch			
Moil point	270	10 ⁵ / ₈ "	350	1'1 ³ / ₄ "	96000784	966P-1-3312300802	1.4
Moil point	320	1 ⁵ / ₈ "	400	1'3 ³ / ₄ "	96000785	966P-1-3312300803	1.8
Moil point	420	1'4 ¹ / ₂ "	500	1'7 ⁵ / ₈ "	96000786	966P-1-3312300804	2.0
Moil point	520	1'8 ¹ / ₂ "	600	1'11 ⁵ / ₈ "	96000787	966P-1-3312300805	2.4
Moil point	720	2'4 ³ / ₈ "	800	2'7 ¹ / ₂ "	96000788	966P-1-3312300806	3.6
Moil point	920	3'1 ¹ / ₄ "	1000	3'3 ³ / ₈ "	96000789	966P-1-3312300807	4.0
Moil point	1 120	3'8 ⁵ / ₈ "	1200	3'11 ¹ / ₄ "	96000790	966P-1-3312300808	5.4
Moil point	1 420	4'7 ⁷ / ₈ "	1500	4'11"	96000791	966P-1-3312300809	6.0

TOOLS FOR PNEUMATIC BREAKERS AND PICKS ROUND 24 x 80 MM (FOR G7)



Tool type	Working length		Total length		Product No.	Product code	Weight approx. kg
	mm	foot/inch	mm	foot/inch			
Moil point	315	1'3 ³ / ₈ "	395	1'3 ³ / ₂ "	96000069	966P-1-3312300738	1.4
Moil point	620	2'3 ³ / ₈ "	700	2'3 ³ / ₂ "	96000624	966P-1-3312311495	2.5

WORKING TOOLS ROUND 17.3 x 60 MM (FOR C6E)



Tool type	Working length		Total length		Product No.	Product code	Weight approx. kg
	mm	foot/inch	mm	foot/inch			
Narrow chisel	290	11 ³ / ₈ "	350	1'1 ³ / ₄ "	96000074	9660-1-3312300781	0.9
Narrow chisel	340	1'1 ³ / ₈ "	400	1'3 ³ / ₄ "	96000075	9660-1-3312300782	1.0
Narrow chisel	540	1'9 ¹ / ₄ "	600	1'11 ⁵ / ₈ "	96000076	9660-1-3312300783	1.5
Narrow chisel	940	3'1"	1 000	3'3 ³ / ₈ "	96000077	9660-1-3312300784	2.4





STONE WORKING TOOLS WITH CARBIDE

Masonry tools for hand use.....	63
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Carving chisels and bushing tools for machines	64
Guide shank groups	69
BHV stone worker	70
Miscellaneous products	71



Photo: Naturstenskompaniet

STONE WORKING TOOLS WITH CARBIDE

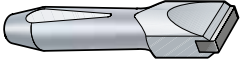
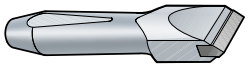
Atlas Copco Secoroc has been making quality stone masonry and stone carving tools since 1945 under the name Rebit. Our line of professional stone working tools is renowned worldwide thanks to their excellent quality and to the company's expertise and flexibility. Through testing of our tools and developing new products, we have created a special tungsten carbide grade that matches the toughest needs of the stone industry.

Our product range:

- Hand tools as pitching tools and tracer chisels for squaring and trimming granite blocks into shape.
- Bushhammers for roughing up stone surfaces where the finish depends on the size and shape of the hammer buttons.
- Chisels such as carving chisels for detailed stone shaping and carving.
- Our range of BHV stone working hammers. Specially designed to match Rebit tools.

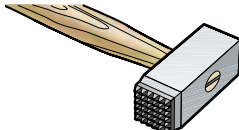
If you are unable to find tools of your choice, don't hesitate to contact us. We will be pleased to help you.

MASONRY TOOLS FOR HAND USE

Description	Product No.	Product code	Width, mm	Length, mm	Weight approx. kg	Tools
Pitching tool oval body	81000012	SM40-O	40	190	1.3	
Pitching tool oval body	81000024	SM50-O	50	190	1.4	
Pitching tool round body	81000013	SM40-R	40	190	1.1	
Pitching tool round body	81000224	SM50-R	50	190	1.4	
Pitching tool hexagon body	81000014	SM40-H-F	40	245	1.2	
Pitching tool octagon body	81000015	SM20	20	150	0.2	
Pitching tool octagon body	81000016	SM25	25	150	0.4	
Pitching tool hexagon body	81000237	SM25-HEX	25	190	0.7	
Pitching tool hexagon body	81000017	SM40-HEX	40	190	0.9	
Tracer tool oval body	81000018	RIM38-O	38	190	1.3	
Tracer tool oval body	81000210	RIM50-O	50	190	1.4	
Tracer tool round body	81000019	RIM38-R	38	190	1.1	
Tracer tool round body	81000225	RIM50-R	50	190	1.4	
Hand chisel octagon body	81000041	HM12	12	185	0.3	
Hand chisel octagon body	81000043	HM16	16	185	0.3	
Hand chisel octagon body	81000045	HM20	20	190	0.6	
Hand chisel octagon body	81000046	HM25	25	190	0.7	
Hand point octagon body	81000054	PKM19	9	190	0.4	
Hand point octagon body	81000055	PKM19,240	9	240	0.6	
Hand point octagon body	81000056	PKM22	9	190	0.6	
Hand point octagon body	81000057	PKM25	9	190	0.7	
Hand point octagon body	81000058	PKM25,290	9	290	0.9	

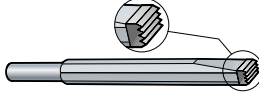
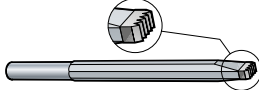


CARVING TOOLS FOR HAND USE

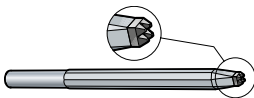
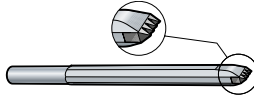
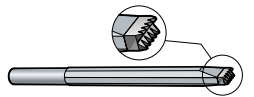
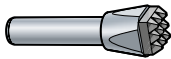
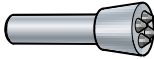
Description	Product No.	Product code	Width, mm	Length, mm	Weight approx. kg	Tools
Hand carving chisel	81000037	GM5	5	170	0.2	
Hand carving chisel	81000038	GM8	8	170	0.2	
Hand carving chisel	81000039	GM10	10	170	0.2	
Hand carving chisel	81000040	GM12	12	170	0.2	
Hand pointed chisel	81000052	SPM		200	0.2	
Hand carving chisel	81000050	SKRAP35	35	220	0.4	
Hand carving chisel	81000051	SKRAP50	50	220	0.8	
Handheld bushhammer	81000060	GH25K-25T	25x25	325	0.7	
Handheld bushhammer	81000061	GH35K-36T	35x35	36	0.8	
Handheld bushhammer	81000062	GH40K-64T	40x40	64	1.8	

CARVING CHISELS AND BUSHING TOOLS FOR MACHINES

Description	Product No.	Product code	Width, mm	Length, mm	Weight approx. kg	Tools
For BHV12, BHV16 and BHV22 pneumatic hammers (round shank 12.5 x 45 mm A)						
Machine carving chisel	81000033	GM5-A	5	220	0.2	
Machine carving chisel	81000034	GM8-A	8	220	0.2	
Machine carving chisel	81000035	GM10-A	10	220	0.2	
Machine carving chisel	81000036	GM12-A	12	220	0.2	
Machine carving chisel	81000029	BM16-A	16	220	0.3	
Machine carving chisel	81000031	BM20-A	20	220	0.4	
Machine carving chisel	81000047	KIPP35-A	35	220	0.4	
Machine carving chisel	81000048	SKRAP35-A	35	220	0.4	
Machine carving chisel	81000049	SKRAP50-A	50	220	0.8	

Description	Product No.	Product code	Head, mm	No. of teeth	Length, mm	Weight approx. kg	Tools
For BHV12, BHV16 and BHV22 pneumatic hammers (round shank 12.5 x 45 mm A)							
Bushing tool	81000004	RFM-4E-A	10x15	4	185	0.2	
Bushing tool	81000007	RFM-4E-10-A	10x10	4	200	0.2	
Bushing tool	81000005	RFM-5E-A	7x13	5	200	0.3	

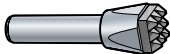
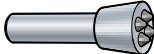
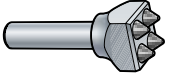
CARVING CHISELS AND BUSHING TOOLS FOR MACHINES

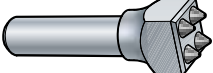
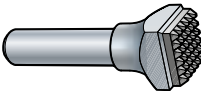
Description	Product No.	Product code	Head, mm	No. of teeth	Length, mm	Weight approx. kg	Tools
For BHV12, BHV16 and BHV22 pneumatic hammers (round shank 12.5 x 45 mm A)							
Bushing tool	81000001	KRS-4T-A	7x7	4	200	0.2	
Bushing tool	81000002	KRS-9T-A	7x7	9	200	0.2	
Bushing tool	81000003	KRS-16T-A	11x11	16	200	0.2	
Bushing tool	81000008	KRM-4T-A	3x12	4	200	0.2	
Bushing tool	81000010	TM-10T-A	6x14	10	200	0.2	
Bushing tool	81000011	TM-15T-A	8x14	15	200	0.2	
Bushhammer	81000063	KHK11-9T-A	11x11	9	85	0.2	
Bushhammer	81000064	KHK14-4T-A	14x14	4	85	0.2	
Bushhammer	81000065	KHK14-9T-A	14x14	9	85	0.2	
Bushhammer	81000066	KHK14-16T-A	14x14	16	85	0.2	
Bushhammer	81000067	KHK18-9T-A	18x18	9	85	0.2	
Bushhammer	81000068	KHK18-16T-A	18x18	16	85	0.2	
Bushhammer	81000069	KHK18-25T-A	18x18	25	85	0.2	
Bushhammer	81000131	KHR10-16T-A	Ø10	16	70	0.2	
Bushhammer	81000076	KHR20-4S-A	Ø20	4	70	0.2	
Bushhammer	81000078	KHR35-12S-A	Ø 35	12	70	0.2	



CARVING CHISELS AND BUSHING TOOLS FOR MACHINES

Description	Product No.	Product code	Width, mm	Length, mm	Weight approx. kg	Tools
For BHV26 pneumatic hammers (round shank 15.5 x 50 mm D)						
Machine carving chisel	81000030	BM16-D	16	220	0.4	
Machine carving chisel	81000032	BM20-D	20	220	0.4	

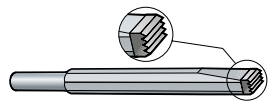
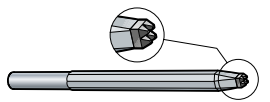
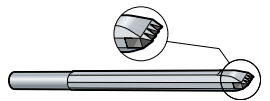
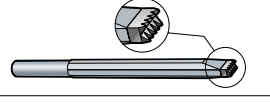
Description	Product No.	Product code	Head, mm	No. of teeth	Length, mm	Weight approx. kg	Tools
For BHV26 pneumatic hammers (round shank 15.5 x 50 mm D)							
Bushhammer	81000070	KHK14-4T-D	14x14	4	85	0.2	
Bushhammer	81000071	KHK14-9T-D	14x14	9	85	0.2	
Bushhammer	81000072	KHK14-16T-D	14x14	16	85	0.2	
Bushhammer	81000073	KHK18-9T-D	18x18	9	85	0.2	
Bushhammer	81000074	KHK18-16T-D	18x18	16	85	0.2	
Bushhammer	81000075	KHK18-25T-D	18x18	25	85	0.2	
Bushhammer	81000077	KHR20-4S-D	Ø20	4	70	0.2	
Bushhammer	81000079	KHR35-12S-D	Ø35	12	75	0.2	
Bushhammer	81000080	KHK30-4S-D	30x30	4	85	0.3	
Bushhammer	81000081	KHK30-8S-D	30x30	8	85	0.3	
Bushhammer	81000082	KHK30-9S-D	30x30	9	85	0.3	
Bushhammer	81000083	KHK30-16S-D	30x30	16	85	0.3	

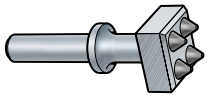
Description	Product No.	Product code	Head, mm	No. of teeth	Length, mm	Weight approx. kg	Tools
For BHV30 pneumatic hammers (round shank 23 x 74 mm E)							
Bushhammer	81000084	KHK35-4S-E	35x35	4	110	0.7	
Bushhammer	81000085	KHK35-5S-E	35x35	5	110	0.7	
Bushhammer	81000086	KHK35-9S-E	35x35	9	110	0.7	
Bushhammer	81000087	KHK40-16S-E	40x40	16	110	0.7	
Bushhammer	81000088	KHK40-25S-E	40x40	25	110	0.7	
Bushhammer	81000089	KHK40-36T-E	40x40	36	110	0.8	
Bushhammer	81000090	KHK40-64T-E	40x40	64	110	0.8	
Bushhammer	81000091	KHK40-100T-E	40x40	100	110	0.8	

Description	Product No.	Product code	Width, mm	Length, mm	Weight approx. kg	Tools
Carbide tracer chisel for Atlas Copco RRD57 (round shank 17 x 60 mm with splines Q)						
Machine tracer chisel	81000021	RIM38-Q	38	185	0.8	

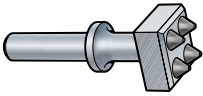
CARVING CHISELS AND BUSHING TOOLS FOR MACHINES

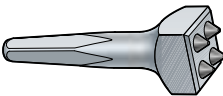
Description	Product No.	Product code	Width, mm	Length, mm	Weight approx. kg	Tools
For Frölich-Klüpfel (round shank 10.2 x 36 mm B)						
Machine carving chisel	81000173	GM5-B	5	220	0.2	
Machine carving chisel	81000174	GM8-B	8	220	0.2	
Machine carving chisel	81000175	GM10-B	10	220	0.2	
Machine carving chisel	81000176	GM12-B	12	220	0.2	

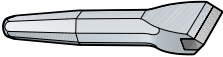
Description	Product No.	Product code	Head, mm	No. of teeth	Length, mm	Weight approx. kg	Tools
For Frölich-Klüpfel (round shank 10.2 x 36 mm B)							
Bushing tool	81000228	RFM-4E-B	10x15	4	185	0.2	
Bushing tool	81000169	RFM-5E-B	7x13	5	200	0.2	
Bushing tool	81000170	KRS-9T-B	7x7	9	200	0.2	
Bushing tool	81000229	KRS-16T-B	11x11	16	200	0.2	
Bushing tool	81000221	KRM-4T-B	3x12	4	200	0.2	
Bushing tool	81000220	TM-10T-B	6x14	10	200	0.2	
Bushing tool	81000227	TM-15T-B	8x14	15	200	0.2	
Bushhammer	81000231	KHK14-4T-B	14x14	4	85	0.2	
Bushhammer	81000223	KHK14-9T-B	14x14	9	85	0.2	
Bushhammer	81000232	KHK14-16T-B	14x14	16	85	0.2	
Bushhammer	81000171	KHK18-9T-B	18x18	9	85	0.2	
Bushhammer	81000172	KHK18-16T-B	18x18	16	85	0.2	

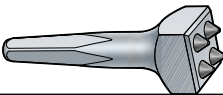
Description	Product No.	Product code	Head, mm	No. of teeth	Length, mm	Weight approx. kg	Tools
Bushing tools with collar for Pellegrini machine (round shank 15.5 x 55 mm K)							
Bushhammer	81000109	KHK35-2S-K	35x35	2	110	0.4	
Bushhammer	81000110	KHK35-4S-K	35x35	4	110	0.4	
Bushhammer	81000111	KHK35-8S-K	35x35	8	110	0.4	
Bushhammer	81000112	KHK35-9S-K	35x35	9	110	0.4	
Bushhammer	81000113	KHK35-16S-K	35x35	16	110	0.4	
Bushhammer	81000114	KHK35-64T-K	35x35	64	110	0.4	

CARVING CHISELS AND BUSHING TOOLS FOR MACHINES

Description	Product No.	Product code	Head, mm	No. of teeth	Length, mm	Weight approx. kg	Tools
Bushing tools with collar for Pellegrini machine (round shank 18 x 57 mm M)							
Bushhammer	81000115	KHK40-4S-M	40x40	4	110	0.6	
Bushhammer	81000116	KHK40-8S-M	40x40	8	110	0.6	
Bushhammer	81000215	KHK40-9S-M	40x40	9	110	0.6	
Bushhammer	81000145	KHK40-16S-M	40x40	16	110	0.6	

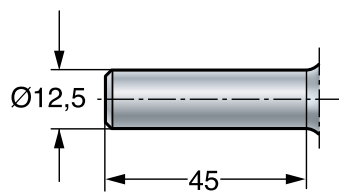
Description	Product No.	Product code	Head, mm	No. of teeth	Length, mm	Weight approx. kg	Tools
For Böhler (E115), M40, M50, M60K, KL69, KL70 (conical shank E115 J)							
Bushhammer	81000100	KHK40-4S-J	40x40	4	150	0.8	
Bushhammer	81000101	KHK40-9S-J	40x40	9	150	0.8	
Bushhammer	81000102	KHK40-16S-J	40x40	16	150	0.8	
Bushhammer	81000103	KHK40-25S-J	40x40	25	150	0.8	
Bushhammer	81000104	KHK40-36T-J	40x40	36	150	0.8	

Description	Product No.	Product code	Width, mm	Length, mm	Weight approx. kg	Tools
Tracer chisel for Böhler (E115), M40, M50, M60K, KL69, KL70 (conical shank E115 J)						
Machine tracer chisel	81000238	RIM38-J	38	180	0.7	

Description	Product No.	Product code	Head, mm	No. of teeth	Length, mm	Weight approx. kg	Tools
For Böhler (E13.9), M40, M50, M60K, KL69, KL70 (conical shank E13.9 H)							
Bushhammer	81000233	KHK40-16S-H	40x40	16	150	0.8	

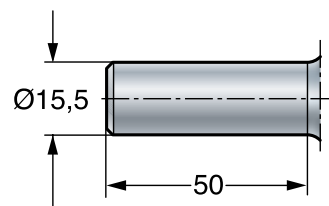
Description	Product No.	Product code	Width, mm	Length, mm	Weight approx. kg	Tools
Tracer chisel for Böhler (E115), M40, M50, M60K, KL69, KL70 (conical shank E115 J)						
Machine tracer chisel	81000020	RIM38-H	38	185	0.7	

A



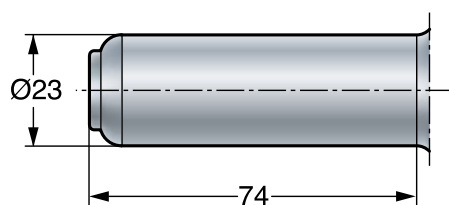
REBIT BHV 12, BHV 16, BHV 22

D



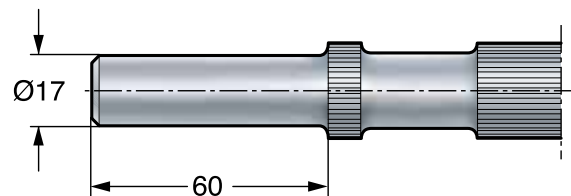
REBIT BHV 26

E



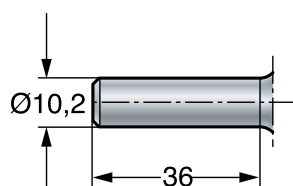
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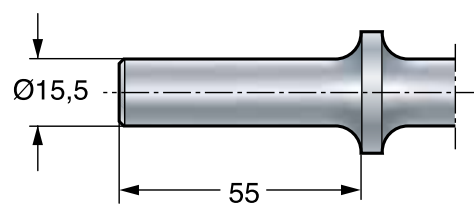
ATLAS COPCO RRD 37-57

B



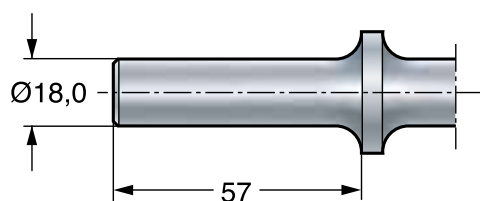
FROLICH-KLUPFEL

K



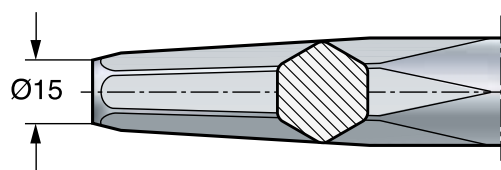
PELLEGRINI

M



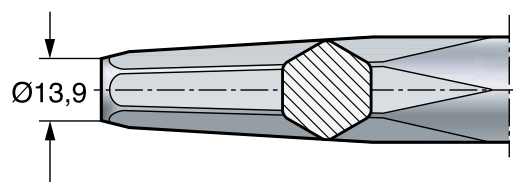
PELLEGRINI

J



BÖHLER (E115), M40, M50, M60K, KL69, KL70

H



BÖHLER (E13.9), M40, M50, M60K, KL69, KL70

REBIT BHV STONE WORKER

Rebit BHV stone worker is designed for stone masonry and stone carving tools. This pneumatic stone carving hammer is available in five models where cylinder diameters and stroke lengths vary.

The BHV 12 and BHV 16 are the smallest of the range and are aimed at tools for detailed stone work such as carving and bushing. The BHV 22 is a powerful, compact and handy hammer that's ideal for bush hammering. The BHV 26 is the second largest and is aimed at bush hammers with big buttons.

Finally, the BVH 30 can use larger tools for squaring, trimming, splitting and roughing larger areas; this hammer should be jack-leg mounted.



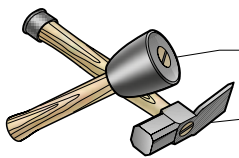
BHV STONE WORKER

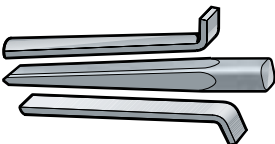
Product No.	Product code	Piston diameter, mm	Stroke length, mm	Strokes/min	Air consumpt. m ³ /min	Length, mm	Weight approx. kg	Tube diameter, mm	Shank, mm
81000121	BHV 12	12	24	6 500	0.15	150	0.7	9.5	12.6x47
81000123	BHV 16	16	27	5 600	0.20	165	0.9	9.5	12.6x47
81000122	BHV 22	22	30	5 000	0.25	185	1.4	9.5	12.6x47
81000126	BHV 26	26	35	4 000	0.40	205	2.0	9.5	15.7x47
81000127	BHV 30	30	55	3 000	0.70	300	6.0	12.5	23.0x74



Photo: Naturstenskompaniet

MISCELLANEOUS PRODUCTS

Description	Product No.	Product code	Weight approx. kg	Product
Round hammer	80000601	1031-07	0.7	
Round hammer	80000521	1031-1,2	1.2	
Stone setting hammer	80000520	1030	1.4	

Description	Product No.	Product code	For hole, mm	Wedge length, mm	Weight approx. kg	Product
Plug and feathers	80000516	2071-2072	20-22	180	0.3	





ACCESSORIES AND PARTS

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Accessories for rock drilling tools	76



ACCESSORIES AND PARTS

Atlas Copco Secoroc provides high quality spare parts and accessories to all our products. This is essential to guarantee maximum output and low lifecycle cost. All Atlas Copco Customer Centers and their network of distributors offer a complete range of spare parts and accessories. The staff is trained to support with advice and technical assistance to get the right part for every application. Only genuine parts fit exactly to the stress that an Atlas Copco product causes on its components. And only original parts enable the owner to minimize downtime and to protect their investment. Only a fully workable product can contribute to productivity of your company. Let it work!

Here you will find accessories that go together with our products. For spare parts, we refer to each machine's specific spare part list.



Spare parts and accessories for rock drills

We provide spare parts to all our products, and we can supply them as a single item, or as a spare part kit. The spare part kit's has been set up based on years of experience, and will assure you that you always have the right parts available, at the right time.

Please don't hesitate to contact your local Atlas Copco representative for recommended spare part proposals.

For spare parts in general, we refer to the "Operator's instruction and spare parts list" manual for each machine type.

FOR UNDERGROUND ROCK DRILLS

Description	Product No.	Product code
Repair kit for YT29A	96000858	9605-2-3312300921
Repair kit for YT27	96000859	9603-2-3312300920
Back head assembly kit S215	96000963	9605-1-3312380210

FOR Y26

Description	Product No.	Product code
Foot piece	96000913	964H-1-3312380176
Rubber handle	96000914	964H-1-3312380177
Retainer bolt	96000915	964H-1-3312380178



Air line accessories

Any pneumatic machine without built-in lubrication needs a separate lubricator to ensure that all moving parts are continuously covered with a film of oil.

Atlas Copco Secoroc "football style" lubricators are designed to work in any position, horizontal, vertical or upside-down. This secures a continuous oil supply to protect the machine. FY 1100 is designed to work with mineral oil and an air flow between 8-15 l/s. The FY1200 is designed for both mineral and synthetic oil, and works with air flow between 15-140 l/s. Inner hose diameter on both lubricators are 25 mm.

We also have two cylindrical lubricators in our assortment that will be mounted directly to the air intake port at your machine, if preferable. Those lubricators are available in different designs, either as an aluminum cylinder or as transparent, with the oil level visible at all time.

Accessories like air hoses, claw couplings, valves and hose clamps are also available in our assortment.



LUBRICATORS				
Description	Product No.	Product code	Oil volume	Connection
Lubricator FY200A	96000042	963B-0-3312310178	0.20 l	25 mm thread / claw coupling
Lubricator FY500A	96000043	963F-0-3312310189	0.50 l	25 mm thread / claw coupling
Lubricator FY200B	96000044	963C-0-3312311571	0.20 l	25 mm thread / claw coupling
Lubricator FY200C	96000045	963D-0-3312312307	0.20 l	25 mm thread / claw coupling
Lubricator FY250C	96000046	963E-0-3312312367	0.25 l	25 mm thread / claw coupling
FY1100	96000964	963F-0-3312300951	1.30 l	Claw coupling / claw coupling
FY1200	96000976	963F-0-3312300950	1.30 l	Claw coupling / claw coupling

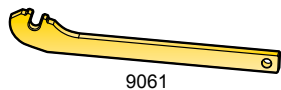
RUBBER HOSES (ORDERED PER METER)		
Description	Product No.	Product code
Rubber hose 25 mm	96000776	9605-1-3312360000
Rubber hose 19 mm	96000777	9605-1-3312360001
Rubber hose 16 mm	96000568	9605-1-3312311107
Rubber hose 13 mm	96000778	9605-1-3312360002

Accessories for rock drilling tools

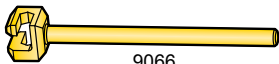
To ensure you get the most out of your rock drilling tools, we also provide accessories such as rod wrenches, shank seals, chuck bushing gauges and knock-off tools. With those products available close to your drilling operation, you don't need to take any unnecessary risks regarding

the condition of your drilling tools. Always make sure that chuck bushings are in good condition, and use knock-off tools when it's time to replace your drill bits. By doing this, you will have an efficient drilling operation to the lowest possible cost.

ROD WRENCHES



9061



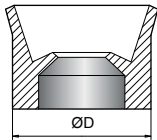
9066



9092, 9093, 9094

Rod dimension	Product No.	Product code	Weight approx. kg
22 mm (7/8") hex.	90000359	9061,49	4.5
22 mm (7/8") hex., Integrals	90000879	9066,49	1.8
25 mm (1") hex., Ø 32 mm (1 1/4")	90002028	9092,49	3.0

SHANK SEALS



Tube diameter		Outer diameter (D)		Product No.	Product code
mm	inch	mm	inch		
5	3/16	10	13/32	90002182	9232
6.5	1/4	9.3	23/64	90002047	9159-06
8	5/16	14	9/16	90000378	9150-08

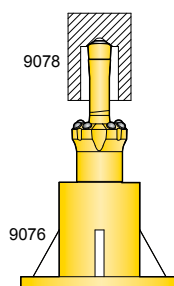
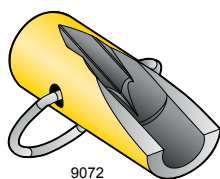


CHUCK BUSHING GAUGES



Bushing		Product No.	Product code
mm	inch		
19	¾	90002667	9131
22	⅞	90002668	9132
25	1	90002669	9133

KNOCK-OFF TOOLS



Rod diam. hex.		Product No.	Product code	Weight approx. kg
mm	inch			
Pilot rod				
—	—	90000318	9072,49	4.6
Tapered adapter				
—	—	90000928	9076,49	6.6
—	—	90000930	9078,49	2.1
Tapered rod				
22	7⁄8	90504619	9073,49	1.1
25	1	90504620	9075,49	1.1







GRINDING EQUIPMENT

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GRINDING EQUIPMENT

You've probably known for a long time that regular grinding is essential for productivity. But what you may not know is just how important it is. We decided to crunch some numbers and find out. By wearing down your button bits by a third you'll slow down your penetration rate by 30%. But more importantly you'll increase your running costs by at least 40%! And why? Because the hole will take longer to drill and your labour and rig running costs will escalate. And at the end of the day you'll have drilled fewer holes.

Staying sharp makes a lot of business sense

Maintaining penetration can save you money. Firstly, you need good grinding equipment for a start – and you won't find any better than ours. And secondly, you need to spend time and energy grinding your bits. But the rewards are significant. For an investment amounting to just 2% of your overall drilling costs, you can restore your worn bits to their former glory. And with these bits you cut the time and manpower needed to drill the hole. In fact, you can reduce overall drilling costs up to 30%. How? By using the market's widest selection of efficient, ergonomically designed grinding machines for fixed installations and field operations - Secoroc grinding machines.

Get the sharpest advice

There are many different types of bits, some with inserts and others with buttons – and they come in many different sizes. To further complicate matters, no two rocks are the same. Consequently, bit wear differs. There's only one good piece of advice we can give you: don't make a decision before talking to us. And remember, thanks to our extensive service network, a good regrind is only a phone call away.



A MACHINE FOR EVERY OCCASION

Grinding machine	Button bits	Reaming bits	Integrals
Secoroc BQ3	•	•	
Secoroc Manual B	•	•	
Secoroc HG	•	•	
Secoroc Swing			•
Secoroc Senior			•



A useful tip: use a Secoroc grinding template, and you'll see when it's time for a regrind.

USE THE BEST GRINDING TOOL

	New grinding tool	Half worn grinding tool	Worn grinding tool
Patented diamond grinding wheel			
Traditional grinding cup			
		Protrusion loss	



SECOROC BQ3



Model	Prod No.
Semi-automatic grinding machine for threaded and tapered button bits.	
400 V 3-phase 50 Hz	87004800
230 V 3-phase 50 Hz	87004801
400 V 3-phase 60 Hz	87004803
230 V 3-phase 60 Hz	87004805
440 V 3-phase 50 Hz	87004806
Grinding capacity	
Max. height of drill bit	200 mm (7 7/8")
Max. diameter of drill bit	127 mm (5")
Max. bit skirt diameter	120 mm (4.75")
Min. distance between buttons	3.5 mm (9/64")
Technical data	
Air pressure, max.	7 bar (101.5 psi)
Air pressure, min.	5.5 bar (80 psi)
Air consumption	40 l/min
Voltage working lighting	24 V
Weight, ex. packaging	222 kg (490 lb)
Transport dimensions	L 1 730 mm x W 1 030 mm x H 1 160 mm
	L 68.11" x W 40.55" x H 43.94"

Note: Secoroc BQ3 must be completed with grinding wheels, centering cups (others than 11 mm), bit holders and indexing templates.

SECOROC MANUAL B



Model	Prod No.
Handheld portable grinding machine for threaded and tapered button bits.	
Secoroc Manual B	87001890
Grinding capacity	
Max. bit skirt diameter	90 mm (3 5/16")
Max. diameter, threaded bits	127 mm (5")
Max. diameter, retrac bits*	127 mm (5")
* Large clamping device necessary	152 mm (6")
Technical data	
Air pressure, max	7 bar (101.5 psi)
Air consumption	15 l/s
Coolant container	10 l
Weight, ex. packaging	55 kg (121.3 lb)
Weight, incl. packaging	90 kg (198.4 lb)
Transport dimensions	L 1 200 mm x W 800 mm x H 850 mm
	L 47.24" x W 31.50" x H 33.46"
Optional accessories	Prod. No.
Set of 5 centring fingers	87001935

Note: Secoroc Manual B must be completed with grinding wheels and bit holders.

SECOROC HG



Model	Prod No.
Handheld grinding machine for threaded and tapered button bits.	
Secoroc HG	87002435
Grinding capacity	
Button size	7-20 mm (9/32" - 25/32")
Technical data	
Air pressure, max.	7 bar (101.5 psi)
Air consumption, unloaded	50 l/s
Air consumption, loaded (at 6 bar, 86 psi)	42 l/s
Weight, ex. hoses	2.8 kg (6.2 lb)
Optional accessories	Prod. No.
Lubricator	87002750

Note: Secoroc HG must be completed with grinding cups.

SECOROC SWING



Model	Prod. No.
Grinding machine for integrals.	
Secoroc Swing	87002482
Technical data	
Air pressure, max.	7 bar (101.5 psi)
Air consumption (at 6 bar, 86 psi)	25 l/s
Hose connections:	
Air	12.5 mm (½")
Power output	1.10 kW
Size of grinding wheel, D x T x H	125 x 63 x 32 mm (47/8" x 215/32" x 1¼")
DI x TI	80 x 50 mm (3 ⅝" x 2")
Weight incl. grinding wheel and 1.5 m water hose	27.5 kg (61 lb)
Optional accessories	
Grinding wheel, hard	87002589
Grinding wheel, soft	87002811
Chuck bushing wear gauge:	
H19 (0.75")	90002667
H22 (0.85")	90002668
H25 (1")	90002669
Lubricator	87002750

SECOROC SENIOR



Model	Prod. No.
Grinding machine for integrals.	
220 V 3-phase 50 Hz	87002485
220 V 3-phase 60 Hz	87002493
380 V 3-phase 50 Hz	87135402
380 V 3-phase 60 Hz	87002494
415 V 3-phase 50 HZ	87002488
415 V 3-phase 60 Hz	87002495
440 V 3-phase 60 Hz	87002496
Technical data	
Air pressure, max.	
Grinding wheel:	
D x T x H	200 x 102 x 32 mm (7 ⅞" x 4" x 1 ¼")
DI x TI	150 x 80 mm (5 ⅞" x 3 ⅝")
Output 3-phase	1.50 kW
Rod hex. max.	25 mm (1")
Weight incl. packaging	120 kg (265 lb)
Transport dimensions	L 800 mm x W 600 mm x H 650 mm
	L 31.50" x W 23.62" x H 25.59"
Optional accessories	
Grinding wheel, hard	87002591
Spacer plate for H19 integral	87000519
Chuck bushing wear gauge:	
H19 (0.75")	90002667
H22 (0.85")	90002668
H25 (1")	90002669

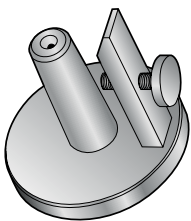


Secoroc Swing.

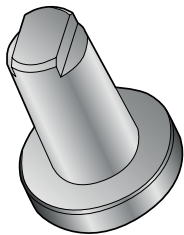


Secoroc integral equipment.

BIT HOLDERS FOR BUTTON BITS

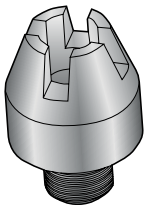


Type		Product No.
A	For BQ, BQ2, BQ3 and Jazz. Can also be used for BQ2-DTH, BQ3-DTH and Jazz-DTH with optional accessories.	
	Threaded bits	
	R25	87003475
	SR28	87003960
	Tapered bits	
	7° taper	87003524
	12° taper	87003525
	Reaming bits	
	64, 76 and 89 mm	87003526



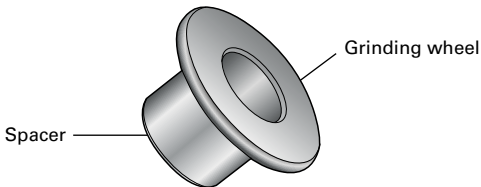
Type		Product No.
C	For Manual B. Can also be used for Manual B-DTH with optional accessories.	
	Threaded bits	
	R25	87000792
	SR28	87003961
	Tapered bits	
	7° taper	87001044
	12° taper	87001045
	Reaming bits	
	64, 76, 89 mm	87000798

CENTERING CUPS



Button size	Product No.
7.0 mm	87001040
8.0 mm	87000842
9.0 mm	87001047
10.0 mm	87001041
11.0 mm	87000840
12.0 mm	87001042
12.7 mm	87000839
13.0 mm	87001385

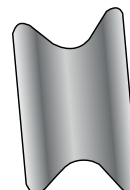
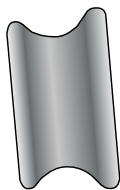
GRINDING WHEELS FOR STEEL REMOVAL



Type	Product No.
Grinding wheel	87001530
Spacer for 10 mm button	87001631
Spacer for 11 mm button	87001632
Spacer for 12 mm button	87001633
Spacer for 13 mm button	87001634
Spacer for 14 mm button	87001635

NOTE: All grinding wheels have an inner diameter of 12 mm.

DIAMOND GRINDING WHEELS FOR BUTTON BITS

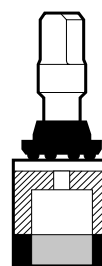
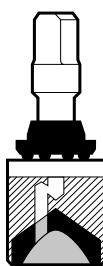
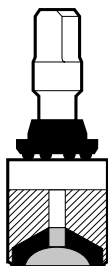


Diameter, mm	Product No.
GRINDING WHEEL - Spherical buttons	
7	87004554
8	87004555
9	87003969
10	87003970
11	87003971
12	87003972
13	87003973

Diameter, mm	Product No.
GRINDING WHEEL - Ballistic buttons	
7	87004556
8	87004557
9	87003974
10	87003975
11	87003976
12	87003977
13	87003413

Note: All grinding wheels have an inner diameter of 12 mm.

DIAMOND GRINDING CUPS FOR SECOROC HG

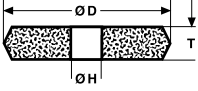
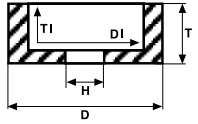


Diameter, mm	Product No.
GRINDING CUP - Spherical buttons	
7.0	87002566
8.0	87002567
9.0	87002568
10.0	87002569
11.0	87002570
12.0	87002571
13.0	87002572

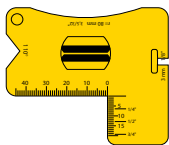
Diameter, mm	Product No.
GRINDING CUP - Ballistic buttons	
7.0	87002579
8.0	87002580
9.0	87002581
10.0	87002582
11.0	87002583
12.0	87002584
13.0	87002585

Diameter, mm	Product No.
GRINDING CUP - For steel removal	
7-8	87002700
9-10	87002701
11-12	87002702
13-14	87002703

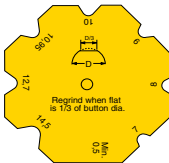
CERAMIC GRINDING WHEELS

	Grinding machine	Bit size, mm	Bit angle	Wheel angle	Dimension (D×T×H), mm	Dimension (DI×TI), mm	Product No.
	Cross-type bits, X-type bits and chisel bits						
	Grind Matic X Sandvik RG 300 Sandvik RG 320 Sandvik RG 340 Sandvik RG 360	35	90°	132°	300 x 23 x 32	—	87002594
		48-51	90°	132°	300 x 32 x 32	—	87002616
	Secoroc Swing Sandvik RG 100	—	—	—	125 x 63 x 32	80 x 50, hard	87002589
		—	—	—	125 x 63 x 32	80 x 50, soft	87002811
	Secoroc Senior	—	—	—	200 x 102 x 32	150 x 80, hard	87002591

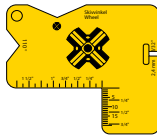
GRINDING TEMPLATES – INTEGRAL RODS AND BITS



For integral rods



For button bits



For cross-type bits

Grinding template	Dimension, mm	Product No
Integral rods	—	90002610
Button bits, spherical	7-14.5	90002944
Button bits, ballistic	7-14.5	90503414
Button bits, spherical	10.95-19.1	90510753
Button bits, ballistic	10.95-19.1	90510758
Cross-type bits	—	90002611

INDEXING TEMPLATES – FOR SECOROC BQ3, BQ2 AND BQ

Thread	Drill bit		Indexing template	
	Product No.	Product code	Product No.	Product code
R25				
R25	90510448	102-5033-17,39-20	87003484	9500-3484
R25	90510274	102-5033-17-67,39-20	87003484	9500-3484
R25	90505181	102-5035-27,39-20	87003483	9500-3483
R25	90509723	102-5035-27-67,39-20	87003483	9500-3483
R25	90505295	102-5037-27,39-20	87003483	9500-3483
R25	90505179	102-5038-27,39-20	87003483	9500-3483
R25	90505180	102-5038-27-67,39-20	87003483	9500-3483
R25	90510206	102-5038-56,39-20	87003494	9500-3494
R25	90505175	102-5041-27,39-20	87003499	9500-3499
R25	90510662	102-5041-27-30-67,39-20	87003499	9500-3499
R25	90510207	102-5041-56,39-20	87003482	9500-3482
R25	90505145	102-5045-27,39-20	87003480	9500-3480
R25	90510208	102-5045-56,39-20	87003482	9500-3482
R25	90505353	102-5051-27,39-20	87003485	9500-3485
SR28				
SR28	90514200	125-5033-17,39-20	87003484	9500-3484
SR28	90514117	125-5033-41,39-20	87004037	9500-4037
SR28	90514137	125-5033-41-67,39-20	87004037	9500-4037
SR28	90514322	125-5035-27,39-20	87003483	9500-3483
SR28	90514102	125-5035-27-67,39-20	87003483	9500-3483
SR28	90514167	125-5037-99,39-20	87003483	9500-3483
SR28	90514282	125-5038-27,39-20	87003483	9500-3483
SR28	90516334	125-5038-41-67,39-20	87004741	9500-4741
SR28	90516422	125-5045-37-67,39-20	87003481	9500-3481
Taper bit				
11° H22				
11°	90509966	179-9038-27-67,39-20	87003908	9500-3908
12° H22				
12°	90509842	177-9033-17-67,39-20	87003711	9500-3711
12° H25				
12°	90514202	180-5036-99-67,39-20	87004741	9500-4741
Reaming bit				
6° reaming bit				
6°	90510460	175-5076,39-20	87003563	9500-3563
6,5° reaming bit				
6,5°	90510466	183-5064,39-20	87003501	9500-3501
12° reaming bit				
12°	90510468	187-5102,39-20	87003500	9500-3500

SERVICE AND SUPPORT

Atlas Copco Secoroc service, support and training follow every purchase, to ensure that customers extract maximum productivity from their drilling operations. Having a knowledgeable and reliable drill steel supplier like Atlas Copco Secoroc, on site or online, makes the difference between walking alone or sharing the experience and know-how of a world-class partner.

For example, Secoroc knows that using higher productivity bits reduces the cost of each drilled hole, and the simplest way to cut costs is to drill holes faster. This has been a focus of product development, and is at the core of Secoroc technology, ensuring that every generation of products drill faster and more efficiently. It takes a support team to apply this knowledge, so that customers can be assured they run a profitable and efficient drilling operation in an increasingly competitive business climate.

The bottom line is that the customer can count on Secoroc service and support, supplied by the largest, most dedicated manufacturer of Handheld rock drilling tools in the world.



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