



TOP HAMMER ROCK DRILLING TOOLS

2018



HEALTH AND SAFETY INFORMATION

ROUTES OF EXPOSURE

Grinding or heating hardmetal blanks or hardmetal Products will produce dust or fumes with dangerous Ingredients that can be inhaled or swallowed, or which might come in contact with the skin or eyes.

ACUTE TOXICITY

The dust is toxic by inhalation. Inhalation may cause Irritation and inflammation in the airways. Skin contact can cause irritation and rash. Sensitized people may experience an allergic reaction.

CHRONIC TOXICITY

Repeated inhalation of aerosols containing cobalt may cause obstruction in the airways. Prolonged inhalation of increased concentrations may cause lung fibrosis or lung cancer. Cobalt is a potent skin sensitizer. Repeated or prolonged contact can cause sensitization.

CLASSIFICATION

Following hazard classification according to GHS/CLP applies to the hardmetal powder (3 % ≤ Co < 10 %):

- Acute Inhalation 3, H331: Toxic if inhaled
- Carcinogenicity 1B, H350i, May cause cancer by inhalation
- Repr. 2, H361f; Suspected of damaging fertility
- STOT RE 1, H372: Causes damage to lungs through prolonged or repeated exposure through inhalation
- Resp. Sens. 1B, H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled
- Skin Sens.1, H317: May cause an allergic skin reaction.
- Aquatic Acute 1, H400: Very toxic to aquatic life
- Aquatic Chronic 2, H411: Toxic to aquatic life, with long lasting effects.

PRECAUTIONARY STATEMENTS

- Do not breathe the dust
- Wear protective gloves/protective clothing/eye protection
- In case of inadequate ventilation, wear respiratory protection
- Avoid release into the environment

IF INHALED: If breathing is difficult, remove the victim to fresh air and keep them at rest in a position comfortable for breathing. If they are experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

DISASSEMBLY OF HOT BIT, ROD, COUPLING, SLEEVE, SHANKADAPTER AND INTEGRAL STEEL

- Ensure that products have cooled down before disassembling
- Never work on hot parts
- Consider the appropriate hand protection (gloves) for the handling of warm parts

CLEANING OF RODS

A particular hazard exists with cleaning rods if the rods contain explosives. Sandvik rock tools should never be used in a hole that has been filled with explosives.

DEALING WITH WORN PARTS

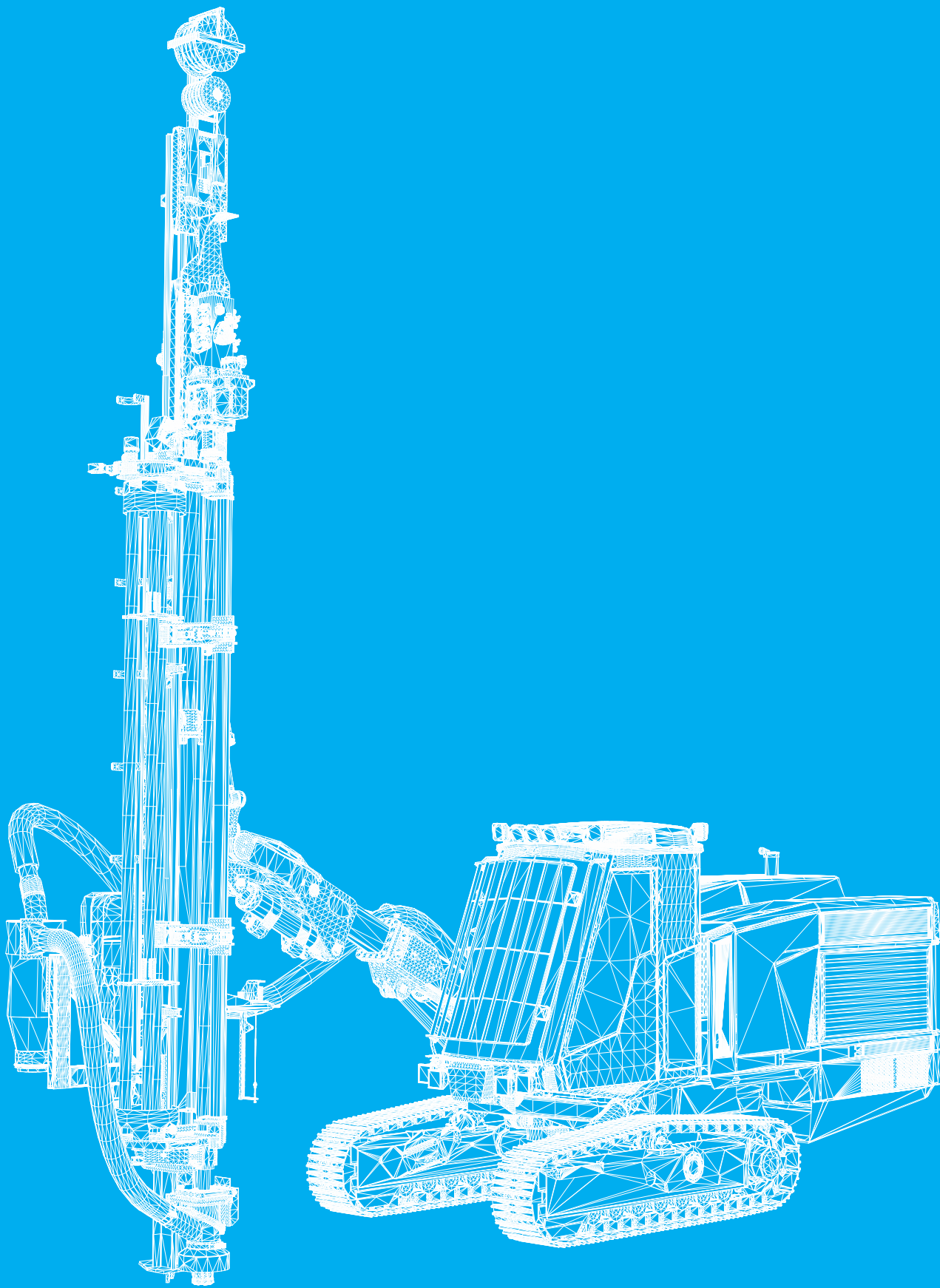
Worn parts should be removed and disposed of appropriately. Consider recycling any used drill bits. Please contact your local Sandvik representative for support and further information regarding the recycling process.

STORING

All products should be stored in a dry place and in their original packaging until they are required for use.

GENERAL

The products in this catalog are designed for drilling holes in rock, and should only be used for this purpose.





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RECYCLING THAT PAYS OFF FOR YOU

Environmental considerations are crucial in all of our operations, and never more so than when it comes to the recycling of cemented carbide.

The global shortage of raw material has inspired us to create an extensive scrap-recycling program. We recognize today's increasing environmental concerns, and we are the only mining company that recycles both steel and cemented carbide.

In fact, we have been collecting and recycling both scrap and discarded drilling consumables for conversion back into basic raw materials for almost 10 years. A large number of customers have joined our recycling program during this period. One major reason for this is that we make it easy for them to recycle, by collecting scrap from their own premises.

All of our customer service centres are now set up to receive used cemented carbide-enhanced products. Our recycling plant in Chiplun, India complies with the most stringent environmental standards, and is certified to the ISO 14001 and OHSAS 18001 (ISO 45001) international standard.

WHAT WE OFFER:

- Recycling of cemented carbide available worldwide
- Sustainable recycling process with low environmental impact
- Cost recovery and reduced waste disposal for you
- Money received for worn tools can purchase new inserts or finance new tooling projects
- Consumables and tools from all manufacturers are accepted
- A win-win situation for all

Adopting sustainable business practices and handling them in the right way is a foundation that contributes across the entire business value chain.

The whole supply chain will be improved by incorporating recycling into the business process. For instance, our recycling process significantly reduces energy consumption and carbon dioxide emissions, thereby reducing environmental impact.

THE STRENGTH YOU NEED

NEW GENERATION OF CEMENTED CARBIDE

We develop our own production processes, strengthening our technical capabilities to continually create even sharper tools that give you the strength to successfully master your toughest challenges.

Research, development and production of key materials, such as cemented carbide, is a vital part of our business.

An extensive research program has resulted in a new generation of carbide grades. These have a significantly stronger carbide matrix, and an ideal grain size configuration. This means superior toughness and a high wear temperature resistance in your toughest drilling applications.

GC80 – OUR MOST WEAR RESISTANT CARBIDE YET

Carbide is generally either wear-resistant or tough. Our new GC80 cemented carbide grade combines the best of both worlds. We developed a unique method that enables production of a button with improved wear resistance on the outside while ensuring toughness with a soft center inside. The result is an insert ideal for abrasive rock conditions. You can count on up to 80 percent longer grinding intervals* and up to 60 percent longer bit life* with our GC80 cemented carbide grade.

GC80 was introduced with the launch of our latest top center rock drill bits, which feature an innovative front design.

*Test results and calculations are to be considered as results reached under certain and controlled conditions. These test results and calculations should not be treated as specifications and Sandvik does not guarantee, warrant or represent the outcome of test results in any or all circumstances.



EXTEND SERVICE LIFE INCREASE PRODUCTIVITY

Integral drill steels, tapered rods, drill bits and threaded rods are crucial for peak productivity in all applications. Our drill steel has a high fatigue strength and toughness, and offers the high wear resistance that ensures an efficient and economic drilling operation. The unique Sandvik R23 rods and bits for extension drilling provide the strongest thread in

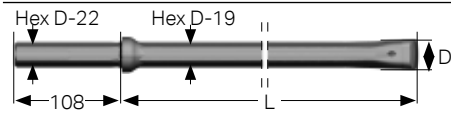
sizes ranging from 33 to 45 mm. For underground applications, we have fully carburized rods with superior wear resistance and service life. When you partner with Sandvik, you can expect consistently high quality and maximum operational dependability when it comes to all small hole drilling applications.

H19 (3/4) INTEGRAL DRILL STEELS	10
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HANDHELD AND SMALL HOLE DRILLING

H19 (3/4") INTEGRAL DRILL STEELS

Shank 22×108 mm (7/8"×4 1/4")



400	1'	4"	24	15/16"	728-0424
400	1'	4"	29	1 9/64"	728-0429
800	2'	7"	28	1 7/64"	728-0828
1600	5'	3"	27	1 1/16"	728-1627

BIT DIAMETER NOTES

All bit diameters are larger than the given dimensions in the catalog.

Cross bits: Can be a maximum of +1 mm due to manufacturing tolerance.

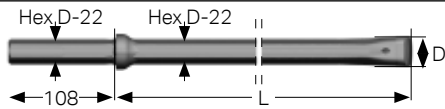
Button bits: Some bit designs can be a maximum +3 mm to compensate for fast diameter wear. The minimum diameter for all button bits is +1.5 mm above the given dimensions.

Keep in mind that a bit always drills a bigger hole than the stated bit diameter.

HANDHELD AND SMALL HOLE DRILLING

H22 (7/8") INTEGRAL DRILL STEELS

Shank 22×108 mm (7/8"×4 1/4")



11	800	2'	7"	34	1 11/32"	714-0834-65
	1600	5'	3"	33	1 19/64"	714-1633-65
	2400	7'	10"	32	1 1/4"	714-2432-65
	3200	10'	6"	31	1 7/32"	714-3231
	4000	13'	1"	30	1 3/16"	714-4030
	4800	15'	9"	29	1 9/64"	714-4829
	5600	18'	4"	28	1 7/64"	714-5628-50
	6400	21'	–	27	1 1/16"	714-6427-50
	7200	23'	8"	26	1 1/32"	714-7226-50
	800	2'	7"	40	1 37/64"	714-0840-65
	1600	5'	3"	39	1 17/32"	714-1639-65
	2400	7'	10"	38	1 1/2"	714-2438-65
	3200	10'	6"	37	1 29/64"	714-3237-65
	4000	13'	1"	36	1 27/64"	714-4036-65
	4800	15'	9"	35	1 3/8"	714-4835-65
	5600	18'	4"	34	1 11/32"	714-5634-65
	6400	21'	–	33	1 19/64"	714-6433-65
	7200	23'	8"	32	1 1/4"	714-7232-65
13	400	1'	4"	34	1 11/32"	714-0434-65
	800	2'	7"	33	1 19/64"	714-0833-65
	1200	3'	11"	32	1 1/4"	714-1232-65
	1600	5'	3"	31	1 7/32"	714-1631
	2000	6'	7"	30	1 3/16"	714-2030
16	600	2'	–	35	1 3/8"	714-0635-65
	1200	3'	11"	34	1 11/32"	714-1234-65
	1800	5'	11"	33	1 19/64"	714-1833-65
	2400	7'	10"	32	1 1/4"	714-2432-65
17	600	2'	–	41	1 5/8"	714-0641-65
	1200	3'	11"	40	1 37/64"	714-1240-65
	1800	5'	11"	39	1 17/32"	714-1839-65
	2400	7'	10"	38	1 1/2"	714-2438-65
	2000	6'	7"	33	1 19/64"	714-2033-65
	8000	26'	3"	26	1 1/32"	714-8026-50
	8800	28'	11"	25	1"	714-8825-5005
	9600	31'	6"	25	1"	714-9625-5005
	800	2'	7"	29	1 9/64"	714-0829
	1600	5'	3"	28	1 7/64"	714-1628-50
	2400	7'	10"	27	1 1/16"	714-2427-50

HANDHELD AND
SMALL HOLE DRILLING

FACE DRILLING
AND BOLTING

BENCH DRILLING

LONG-HOLE DRILLING

SHANK ADAPTERS

AUXILIARY TOOLS

GRINDING EQUIPMENT

INFORMATION AND BIT
CLASSIFICATION GUIDE

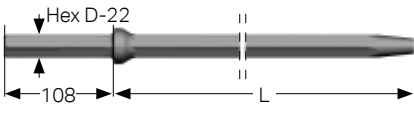
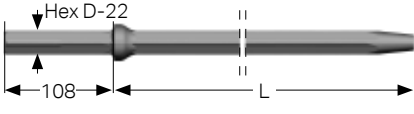
HANDHELD AND SMALL HOLE DRILLING

H22 TAPERED TOOLS, 12° TAPER

Button bit									
	1×5	1×5	1×7	4×7	35°	28	1 1/8"	●	7795-6428-B48
	1×5	1×5	1×7	4×7	35°	30	1 3/16"	●	7795-6430-B48
Button bit									
	2×4	1×4	2×7	5×7	40°	32	1 1/4"	●	7795-5232-B48
	2×4	1×4	2×7	5×8	40°	35	1 3/8"	●	7795-5235-B48
	2×5	1×5	2×7	5×9	40°	38	1 1/2"	●	7795-5238-B48
Button bit									
	2×4	1×4	2×7	5×7	40°	33	1 9/64"	●	7770-5233-B48
	2×4	1×4	2×7	5×8	40°	35	1 3/8"	●	7770-5235-B48
Button bit									
	1×4	1×6	2×7	5×7	35°	33	1 9/64"	●	7770-4433-B48
Button bit									
	2×4	1×4	2×7	6×7	40°	33	1 9/64"	●	7770-5433-B48
	2×4	1×4	2×7	6×8	40°	35	1 3/8"	●	7770-5435-B48
Cross bit									
	1×6	2×4.5	–	–	–	32	1 1/4"	●	7770-9032-42
	1×6	2×4.5				35	1 3/8"	●	7770-9035-42

HANDHELD AND SMALL HOLE DRILLING

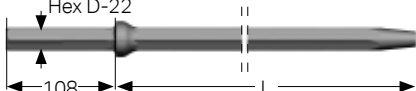
H22 TAPERED TOOLS, 12° TAPER

Tapered rod, shank 22×108, carburized						
	610	2'	–	22	7/8"	7870-6106-11
	1220	4'	–	22	7/8"	7870-6112-11
	1830	6'	–	22	7/8"	7870-6118-11
	2000	6'	7"	22	7/8"	7870-6120-11
	2440	8'	–	22	7/8"	7870-6124-11
	3050	10'	–	22	7/8"	7870-6131-11
	3200	10'	6"	22	7/8"	7870-6132-11
	3660	12'	–	22	7/8"	7870-6137-11
Tapered rod, shank 22×108, HF-hardened – For surface drilling						
	2440	8'	–	22	7/8"	7870-5124-11
	3200	10'	6"	22	7/8"	7870-5132-11
	4000	13'	1 1/2"	22	7/8"	7870-1140-11
	4400	14'	5"	22	7/8"	7870-1144-11
	4800	15'	9"	22	7/8"	7870-1148-11
	5600	18'	4 1/2"	22	7/8"	7870-1156-11
	6400	21'	–	22	7/8"	7870-1164-11
	7200	23'	7 1/2"	22	7/8"	7870-1172-11
	8000	26'	3"	22	7/8"	7870-1180-11
	8800	28'	10 1/2"	22	7/8"	7870-1188-11

HANDHELD AND SMALL HOLE DRILLING

H22 TAPERED TOOLS, 11° TAPER

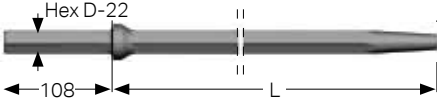
Button bit									
	1×6	1×6	2×8	3×9	40°	38	1 1/2"	●	7776-1938-B48
Button bit									
	1×5	1×5	2×7	5×7	40°	32	1 1/4"	●	7776-4432-B48
	1×5	1×5	2×7	5×8	40°	35	1 3/8"	●	7776-4435-B48
	1×5	1×5	2×7	5×8	35°	36	1 7/16"	●	7776-4436-B48
	1×6	1×6	2×7	5×8	35°	38	1 1/2"	●	7776-4438-B48
	1×6	1×6	2×8	5×9	35°	40	1 37/64"	●	7776-4440-B48

Tapered rod, shank 22×108, carburized						
	610	2'	–	22	7/8"	7876-6106-11
	800	2'	7 1/2"	22	7/8"	7876-6108-11
	1220	4'	–	22	7/8"	7876-6112-11
	1600	5'	3"	22	7/8"	7876-6116-11
	1830	6'	–	22	7/8"	7876-6118-11
	2000	6'	7"	22	7/8"	7876-6120-11
	2440	8'	–	22	7/8"	7876-6124-11
	3050	10'	–	22	7/8"	7876-6131-11
	3600	11'	9 1/2"	22	7/8"	7876-6136-11

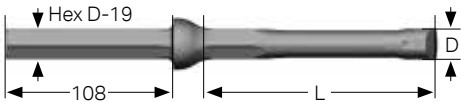
HANDHELD AND SMALL HOLE DRILLING

H22 TAPERED TOOLS, 7° TAPER

Button bit									
	2×5	1×5	2×7	5×7	40°	32	1 1/4"	●	7788-5232-B48
	2×4	1×4	2×7	5×7	40°	33	1 9/64"	●	7788-5233-B48
	2×4	1×4	2×7	5×8	40°	35	1 3/8"	●	7788-5235-B48
	2×4	1×4	2×7	5×8	35°	38	1 1/2"	●	7788-5238-B48

Tapered rod, shank 22×108, carburized						
	2400	8'	–	22	7/8"	7888-6124-11
	3200	10'	6"	22	7/8"	7888-6132-11

STONE WORKING TOOLS

Plug hole integral steel					
	150	6"	17	21/32"	721-1517
	160	6 1/4"	20	25/32"	721-1620
	160	6 1/4"	22	7/8"	721-1622
	200	7 7/8"	20	25/32"	721-2020
	280	11 1/32"	20	25/32"	721-2820
	310	11 1/4"	20	25/32"	721-3120

HANDHELD AND SMALL HOLE DRILLING

R22 (7/8") EXTENSION DRILLING TOOLS

Cross bit										
		1	4.5	2	4.5	–	38	1 1/2"	●	7731-1038-42
		D								

Shank adapter / Shank rod, Hex 22 – R22

Hex D-22							
							
255	-	10 3/64"	22	7/8"	7801-6103-11		

Extension rod R22 – Hex 22 – R22

								1200	3'	11"	22	7/8"	7851-1312-20	

Coupling sleeve, R22

	140	–	5 1/2"	31	1 7/32"	7991-3331

HANDHELD AND SMALL HOLE DRILLING

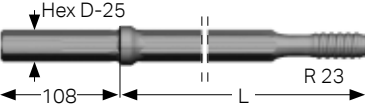
R23 (29/32") EXTENSION DRILLING TOOLS

Button bit									
	1×4	1×6	2×7	5×7	35°	33	1 5/16"	●	7737-4433-R48
	1×6	1×6	2×7	5×8	40°	35	1 3/8"	●	7737-5235-R48
	1×6	1×6	2×7	5×9	35°	38	1 1/2"	●	7737-5238A-R48
	1×6	1×6	2×8	5×9	35°	41	1 5/8"	●	7737-5241-R48

Button bit									
	3×4.5	–	3×8	6×9	40°	45	1 3/4"	●	7737-5345-R48

MF-rod, R23 – Hex 22 – R23						
	2095	6'	10 1/2"	22	7/8"	7857-4821-20
	3050	10'	–	22	7/8"	7857-4831-20

Female end Ø 31 mm.

Shank adapter / Shank rod, Hex 25 – R 23						
	255	–	10 3/64"	25	1"	7807-7103-30

HANDHELD AND SMALL HOLE DRILLING

R25 (1") EXTENSION DRILLING TOOLS

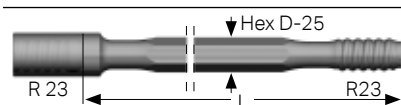
Button bit									
	1×4	1×6	2×7	5×9	30°	35	1 3/8"	●	7732-4435-S48
	1×6	1×6	2×7	5×8	40°	35	1 3/8"	●	7732-5235-R48
	1×6	1×6	2×7	5×9	35°	38	1 1/2"	●	7732-5238-R48
	1×6	1×6	2×7	5×9	35°	38	1 1/2"	●	7732-5238-S48
	1×6	1×6	2×8	5×9	35°	41	1 5/8"	●	7732-5241-S48 !
Button bit									
	3×4,5	–	3×8	6×9	40°	45	1 3/4"	●	7732-5345F-R48
	3×4	1×4	3×9	6×10	30°	48	1 7/8"	●	7732-5348A-S48

! For one-rod drilling.

HANDHELD AND SMALL HOLE DRILLING

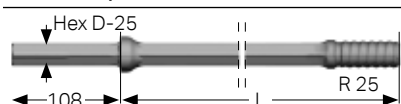
R25 (1") EXTENSION DRILLING TOOLS

MF-ROD, R25 – Hex 25 – R 25



1220	4'	–	25	1"	7852-3112-20
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Shank adapter / Shank rod, Hex 25 × R25



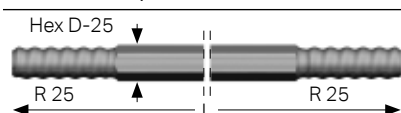
2400	7'	10"	25	1"	7802-7124-30
3735	12'	3"	25	1"	7802-71373-30

Shank adapter / Shank rod, Hex 22 × R25



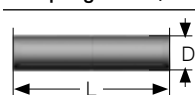
255	–	10 3/64"	22	7/8"	7802-6103-11
800	2'	7"	22	7/8"	7802-6108-11
1000	3'	3"	22	7/8"	7802-6110-11

Extension rod, R25 – Hex 25 – R25



915	3'	–	25	1"	7852-2309-20
1220	4'	–	25	1"	7852-2312-20
1525	5'	–	25	1"	7852-2315-20
1830	6'	–	25	1"	7852-2318-20
2435	8'	–	25	1"	7852-2324-20
3050	10'	–	25	1"	7852-2331-20

Coupling sleeve, R25



160	–	6 1/4"	35	1 3/8"	7992-3335
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TOOL SELECTION



DESIGN 19

- Short holes < 2 m
- Solid rock formations
- Low pressure hammers



DESIGN 44/52

- Premium bit
- Strong gauge
- Wear resistant
- Suitable for all rock conditions
- High pressure hammers
- Good penetration rate



DESIGN 54

- Premium bit
 - Strong gauge
 - Wear resistant
 - Suitable for all rock conditions
 - High pressure hammers
 - Quick penetration rate
-



HANDHELD AND
SMALL HOLE DRILLING

FACE DRILLING
AND BOLTING

BENCH DRILLING

LONG-HOLE DRILLING

SHANK ADAPTERS

AUXILIARY TOOLS

GRINDING EQUIPMENT

INFORMATION AND BIT
CLASSIFICATION GUIDE

ALWAYS IMPROVING YOUR SOLUTIONS

Our engineers are continuously engaged in upgrading our tool systems. Supported by our in-house manufacturing facilities, they engineer solutions that enable you and other rock-drilling professionals around the world to work even more profitably with the latest technology.

R25 (1") BIT THREAD	26
R28 (1 1/8") BIT THREAD	28
R32 (1 1/4") BIT THREAD	29
SANDVIK ALPHA. α 330 BIT THREAD	32
SANDVIK BITS	38



OUR INNOVATIVE DESIGN YOUR LONGER LIFE

Longer tool life is becoming an expectation as you look to improve efficiency and reduce your cost per meter. We've reinvented face drill bit design to deliver you unprecedented improvements in durability, safety and productivity in your most abrasive rock conditions.

INNOVATIVE DESIGN

Our top center drill bits for face drilling and bolting were developed to solve persistent tool life problems in particularly abrasive rock. The innovative new design features a raised front, making room for more inserts as well as larger flushing holes and bailing grooves. Elevating two or three front buttons a few millimeters above the gauge buttons located on the periphery of the bit protects the gauge from wear, extending bit life.

ADVANTAGES

- Our top center design extends grinding intervals by up to 80 percent* compared to our previous design, reducing your bit cost per drilled meter
- Extended bit life by up to 60 percent* compared to our previous design means fewer bit changes and thus more drilling productivity
- Longer tool life means operators don't need to leave the safety of the drill cabin as often to change bits in potentially hazardous areas, such as unreinforced faces
- Larger flushing holes increase flushing volume by up to 30 percent while maintaining strong penetration rates
- More accurate collaring improves accuracy of drilled holes and consequently blasting results

*Test results and calculations are to be considered as results reached under certain and controlled conditions. These test results and calculations should not be treated as specifications and Sandvik does not guarantee, warrant or represent the outcome of test results in any or all circumstances.

FACE DRILLING AND BOLTING

R25 (1") BIT THREAD

Button bit, type 52

	1×5	1×6	2×7	5×7	45°	33	1 5/16"	●	7732-4433C-S48
	1×4	1×6	2×7	5×9	30°	35	1 3/8"	●	7732-4435-S48
	1×5	1×6	2×7	5×9	30°	37	7/16"	●	7732-4437C-S48
	1×6	1×6	2×7	5×8	40°	35	1 3/8"	○	7732-5235-R48
	1×6	1×6	2×7	5×9	35°	38	1 1/2"	○	7732-5238-R48
	1×6	1×6	2×7	5×9	35°	38	1 1/2"	●	7732-5238-S48
	1×6	1×6	2×8	5×9	35°	41	1 5/8"	●	7732-5241-S48

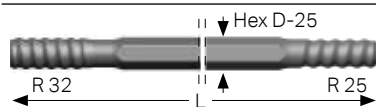
Button bit, type 53

	3×4.5	–	3×8	6×9	40°	45	1 3/4"	○	7732-5345F-R48
	3×4.5	1×4.5	3×8	6×10	30°	48	1 7/8"	●	7732-5348A-S48

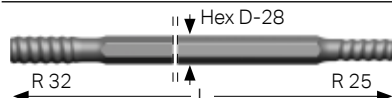
Cross bit

	1×5	2×5				35	1 3/8"	●	7732-1435-42
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Drifter rod, R32 – Hex 25 – R25

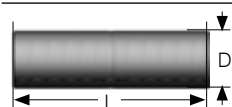
	2175	7'	1 5/8"	25	1"	7853-2421-20
	2475	8'	1 1/2"	25	1"	7853-2424-20
	2630	8'	7 1/2"	25	1"	7853-2426-20
	2785	9'	1 5/8"	25	1"	7853-2427-20
	2935	9'	7 1/2"	25	1"	7853-2429-20
	3090	10'	1 5/8"	25	1"	7853-2431-20
	3340	10'	11 1/2"	25	1"	7853-2433-20
	3700	12'	1 5/8"	25	1"	7853-2437-20

Drifter rod, R32 – Hex 28 – R25

	3090	10'	1 5/8"	28	1 1/8"	7853-3031-20
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Flushing hole Ø 8.6 mm.

Coupling sleeve, R32

	150	5 29/32"	44	1 47/64"	7993-3644
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FACE DRILLING AND BOLTING

R25 (1") REAMING TOOLS

Reaming tools for cut holes / Pilot adapter, 6° taper							
	R25	256	–	10°	26	1 1/32"	7822-2526

Reaming tools for cut holes / Reaming bit, 6° taper							
	4×8	8×9	25°	64	2 1/2"	7722-4864-S48	
	4×10	8×10	30°	76	3"	7722-4876-S48	
	6×10	8×12	35°	89	3 1/2"	7722-4889-S48	

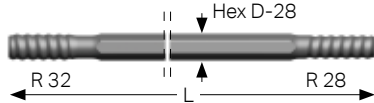
FACE DRILLING AND BOLTING

R28 (1 1/8") BIT THREAD

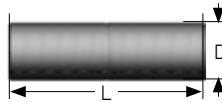
Button bit, type 52									
	1×5	1×6	2×7	5×9	30°	37	7/16"	●	7739-5237-S48
	1×6	1×6	2×7	5×9	35°	38	1 1/2"	●	7739-5238-R48
	1×6	1×6	2×7	5×9	35°	38	1 1/2"	●	7739-5238-S48
	1×6	1×6	2×8	5×9	35°	41	1 5/8"	●	7739-5241-S48
	1×6	1×6	2×8	5×10	35°	43	1 11/16"	●	7739-5243-S48

Reaming tools for cut holes / Pilot adapter, 6° taper								
	R28	285	–	11 1/4"	26	1 1/32"	7822-1526	

Reaming tools for cut holes / Reaming bit, 6° taper							
	4×8	8×9	25°	64	2 1/2"	7722-4864-S48	
	4×10	8×10	30°	76	3"	7722-4876-S48	
	6×10	8×12	35°	89	3 1/2"	7722-4889-S48	

Drifter rod, R32 – Hex 28 – R28						
	2475	8'	1 1/2"	28	1 1/8"	7853-7624-20
	2785	9'	1 5/8"	28	1 1/8"	7853-7627-20
	3090	10'	1 5/8"	28	1 1/8"	7853-7631-20
	3340	10'	11 1/2"	28	1 1/8"	7853-7633-20
	3700	12'	1 5/8"	28	1 1/8"	7853-7637-20
	4305	14'	1 1/2"	28	1 1/8"	7853-7643-20

Flushing hole Ø 8.8 mm.

Coupling sleeve, R32					
	150	5 29/32"	44	1 47/64"	7993-3644

FACE DRILLING AND BOLTING

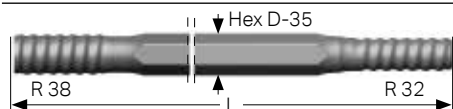
R32 (1 1/4") BIT THREAD

Button bit, type 51										
	2×5	1×5	2×9	7×10	10°	30°	43	1 11/16"	●	7733-5143A-S80
	2×6	1×6	2×9	7×10	10°	30°	45	1 3/4"	●	7733-5145A-S80
	3×4,5	1×4,5	3×9	8×10	10°	30°	48	1 7/8"	●	7733-5148A-S80
Button bit, type 52										
	1×6	1×6	2×8	5×9		35°	41	1 5/8"	●	7733-5241-S48
	1×5	2×6	2×9	5×10		35°	43	1 11/16"	●	7733-5243A-S48
	1×5	2×6	2×9	5×11		30°	45	1 3/4"	●	7733-5245A-S48
	1×6	2×7.5	2×9	5×11		35°	48	1 7/8"	●	7733-5248A-S48
	1×6	2×7.5	2×10	5×12		35°	51	2"	●	7733-5251A-S48
Button bit, type 53/16										
	3×4.5	1×4.5	3×8	6×9		30°	43	1 11/16"	○	7733-5343A-R48
	3×4.5	1×4.5	3×8	6×10		30°	45	1 3/4"	○	7733-5345A-R48
	3×4.5	1×4.5	3×8	6×10		25°	45	1 3/4"	●	7733-5345A-S48
	3×5	1×5	3×9	6×10		30°	48	1 7/8"	○	7733-5348A-R48
	3×5	1×5	3×9	6×10		30°	48	1 7/8"	●	7733-5348A-S48
	3×6	1×6	3×9	6×10		40°	51	2"	○	7733-1651A-R48
	3×6	1×6	3×9	6×10		35°	51	2"	●	7733-1651A-S48
	3×6	1×6	3×10	6×11		35°	57	2 1/4"	●	7733-1657A-S48
	3×7	–	3×11	6×12		30°	64	2 1/2"	●	7733-1664-S48
Button bit, type 54										
	2×6	2×6	2×9	6×9		40°	43	1 11/16"	○	7733-5443B-R48
	2×6	2×6	2×9	6×10		35°	45	1 3/4"	○	7733-5445B-R48
Button bit, type 55										
	3×5.5	1×5.5	3×9	6×9		40°	45	1 3/4"	○	7733-5545A-C60
	3×5.5	1×5.5	3×9	6×10		40°	48	1 7/8"	○	7733-5548A-C60
	3×6	1×6	3×9	6×10		40°	51	2"	○	7733-5551A-C60
Button bit, type 18										
	4×7	–	5×10	8×11		35°	76	3"	●	7733-1876-S48
Cross bit										
	1×4.5	4×4.5	–	–		–	45	1 3/4"	●	7733-1345A-42

FACE DRILLING AND BOLTING

R32 (1 1/4") BIT THREAD

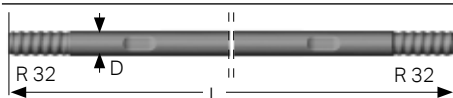
Drifter rod, R38 – Hex 35 – R32



3090	10'	1 5/8"	35	1 3/8"	7854-9631-20
3700	12'	1 5/8"	35	1 3/8"	7854-9637-20
4305	14'	1 1/2"	35	1 3/8"	7854-9643-20
4915	16'	1 1/2"	35	1 3/8"	7854-9649-20
5525	18'	1 1/2"	35	1 3/8"	7854-9655-20

Flushing hole Ø 9.5 mm.

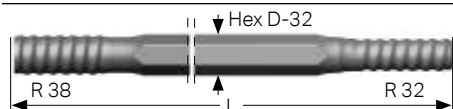
Extension rod, R32 – round 32 – R32



2435	8'	–	32	1 1/4"	7853-3324-20
3050	10'	–	32	2 1/4"	7853-3331-20

Flushing hole Ø 11.7 mm. Wrench flat 25.4 mm.

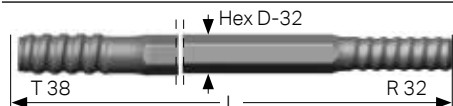
Drifter rod, R38 – Hex 32 – R32



2475	8'	1 1/2"	32	1 1/4"	7854-8624-20
3090	10'	1 5/8"	32	1 1/4"	7854-8631-20
3700	12'	1 5/8"	32	1 1/4"	7854-8637-20
4305	14'	1 1/2"	32	1 1/4"	7854-8643-20
4915	16'	1 1/2"	32	1 1/4"	7854-8649-20

Flushing hole Ø 9.6 mm.

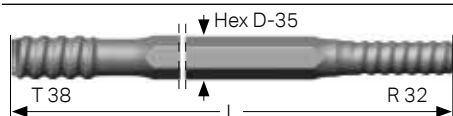
Drifter rod, T38 – Hex 32 – R32



3090	10'	1 5/8"	32	1 1/4"	7324-8631-20
3700	12'	1 5/8"	32	1 1/4"	7324-8637-20
4305	14'	1 1/2"	32	1 1/4"	7324-8643-20

Flushing hole Ø 9.6 mm.

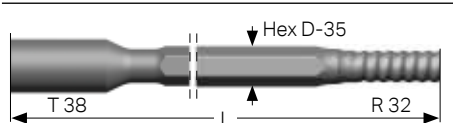
Drifter rod, T38 – Hex 35 – R32



2475	8'	1 1/2"	35	1 3/8"	7324-9624-20
3090	10'	1 5/8"	35	1 3/8"	7324-9631-20
3700	12'	1 5/8"	35	1 3/8"	7324-9637-20
4305	14'	1 1/2"	35	1 3/8"	7324-9643-20
4915	16'	1 1/2"	35	1 3/8"	7324-9649-20
5525	18'	1 1/2"	35	1 3/8"	7324-9655-20
6135	20'	1 1/2"	35	1 3/8"	7324-9661-20
6440	21'	1 1/2"	35	1 3/8"	7324-9664-20

Flushing hole Ø 9.5 mm.

MF Drifter rod, T38 – Hex 35 – R32



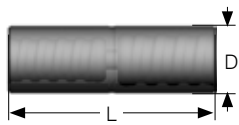
3700	12'	1 1/2"	35	1 3/8"	7324-6537-20
4305	14'	1 1/2"	35	1 3/8"	7324-6543-20

Flushing hole Ø 9.5 mm.

FACE DRILLING AND BOLTING

R32 (1 1/4") REAMING TOOLS

Coupling sleeve



R38	170	–	6 3/4"	55	2 5/32"	7994-3655
T38	191	–	7 1/2"	52	2"	7314-3652

Reaming tools for cut holes / Pilot adapter, 6° taper



R32	285	–	11 1/4"	26	1 1/32"	7822-3526
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Reaming tools for cut holes / Pilot adapter, 12° taper



R32	278	–	11"	40	1 37/64"	7821-3440
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Reaming tools for cut holes / Reaming bit, 6° taper



4×8	8×9	25°	64	2 1/2"	7722-4864-S48
4×10	8×10	30°	76	3"	7722-4876-S48
6×10	8×12	35°	89	3 1/2"	7722-4889-S48

Reaming tools for cut holes / Reaming bit, 12° taper



4×10	8×12	35°	89	3 1/2"	7721-4889-S48
4×13	8×13	35°	102	4"	7721-4802-S48
8×13	8×13	35°	127	5"	7721-4827-S48

Reaming tools for cut holes / Reaming bit, R32



4×6	–	3×10	12×13	35°	102	4"	7733-5602P-S48
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FACE DRILLING AND BOLTING

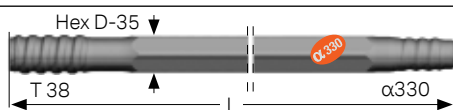
SANDVIK ALPHA. α 330 BIT THREAD

Button bit, type 51										
	2×5	1×5	2×9	7×10	10°	30°	43	1 11/16"	●	7767-5143A-S80
	2×6	1×6	2×9	7×10	10°	30°	45	1 3/4"	●	7767-5145A-S80
	3×4,5	1×4,5	3×9	8×10	10°	30°	48	1 7/8"	●	7767-5148A-S80
Button bit, type 52										
	1×5	2×6	2×9	5×10		35°	43	1 11/16"	●	7767-5243A-S48
	1×5	2×6	2×9	5×11		30°	45	1 3/4"	●	7767-5245A-S48
	1×6	2×7,5	2×9	5×11		35°	48	1 7/8"	●	7767-5248A-S48
Button bit, type 53/16										
	3×4,5	1×4,5	3×8	6×9		30°	43	1 11/16"	○	7767-5343A-R48
	3×4,5	1×5	3×8	6×10		30°	45	1 3/4"	○	7767-5345A-R48
	3×4,5	1×5	3×8	6×10		25°	45	1 3/4"	●	7767-5345A-S48
	3×5	1×5	3×9	6×10		30°	48	1 7/8"	○	7767-5348A-R48
	3×5	1×5	3×9	6×10		30°	48	1 7/8"	●	7767-5348A-S48
	3×6	1×6	3×9	6×10		40°	51	2"	○	7767-1651A-R48
	3×6	1×6	3×9	6×10		35°	51	2"	●	7767-1651A-S48
	3×7	–	3×11	6×12		30°	64	2 1/2"	●	7767-1664-S48
Button bit, type 54										
	2×6	2×6	2×9	6×9		40°	43	1 11/16"	○	7767-5443B-R48
	2×6	2×6	2×9	6×10		35°	45	1 3/4"	○	7767-5445B-R48
Button bit, type 55										
	3×5,5	1×5,5	3×9	6×9		40°	45	1 3/4"	○	7767-5545A-C60
Button bit, type 18										
	4×7	–	5×11	8×12		35°	76	3"	●	7767-1876-S48
Button bit, Retrac										
	3×6	1×6	3×9	6×10		35°	51	2"	●	7767-4651A-S48
Cross bit										
	1×4,5	4×4,5					45	1 3/4"	●	7767-1345A-42

FACE DRILLING AND BOLTING

SANDVIK ALPHA. α 330 BIT THREAD

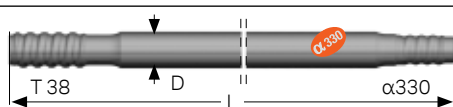
Drifter rod, T38 – Hex 35 – α 330



2475	8'	1 1/2"	35	1 3/8"	7324-6724-20
3090	10'	1 5/8"	35	1 3/8"	7324-6731-20
3700	12'	1 5/8"	35	1 3/8"	7324-6737-20
4305	14'	1 1/2"	35	1 3/8"	7324-6743-20
4915	16'	1 1/2"	35	1 3/8"	7324-6749-20
5525	18'	1 1/2"	35	1 3/8"	7324-6755-20

Flushing hole $\varnothing$ 9.5 mm.

Drifter rod, T38 – Round 39 – α 330

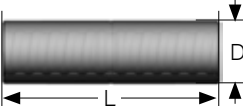


4915	16'	1 1/2"	39	1 1/2"	7324-7049-20
5525	18'	1 1/2"	39	1 1/2"	7324-7055-20
6135	20'	1 1/2"	39	1 1/2"	7324-7061-20
6440	21'	1 1/2"	39	1 1/2"	7324-7064-20

Flushing hole $\varnothing$ 10.3 mm.

FACE DRILLING AND BOLTING

SANDVIK ALPHA. α 330 BIT THREAD

Coupling sleeve, T38							
	191	–	7 1/2"	52	2"	7314-3652	

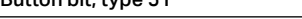
Reaming tools for cut holes / Reaming bit, α330								
	4×6	–	3×10	12×13	35°	102	4"	7767-5602P-S48

Reaming tools for cut holes / Pilot adapter, 12° taper							
	α 330	278	–	11"	40	1 37/64"	7821-6740

Reaming tools for cut holes / Reaming bit, 12° taper							
	4×10	8×12	35°	89	3 1/2"	7721-4889-S48	
	4×13	8×13	35°	102	4"	7721-4802-S48	
	8×13	8×13	35°	127	5"	7721-4827-S48	

FACE DRILLING AND BOLTING

R35 (1 3/8") BIT THREAD

Button bit, type 51											
	D	3×4,5	1×4,5	3×9	8×10	10°	30°	48	1 7/8"	●	7738-5148A-S80

Button bit, type 53/16

	D	3×5	1×5	3×9	6×10	30°	48	1 7/8"	○	7738-5348A-R48
		3×5	1×5	3×9	6×10	30°	48	1 7/8"	●	7738-5348A-S48

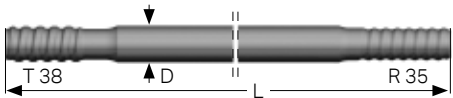
	D	3×6	1×6	3×9	6×10	40°	51	2"	○	7738-1651A-R48
		3×6	1×6	3×9	6×10	35°	51	2"	●	7738-1651A-S48

Cross bit										
	D	1×5	2×7.5	–	–	–	48	1 7/8"	●	7738-1448-42

Drifter rod, T38 – Hex 35 – R35						
	4305	14'	1 1/2"	35	1 3/8"	7324-8543-20
	4915	16'	1 1/2"	35	1 3/8"	7324-8549-20
	5525	18'	1 1/2"	35	1 3/8"	7324-8555-20

Flushing hole Ø 9.5 mm.

Drifter rod, T38 – Round 39 – R35



4305	14'	1 1/2"	39	1 1/2"	7324-7243-20
4915	16'	1 1/2"	39	1 1/2"	7324-7249-20
5525	18'	1 1/2"	39	1 1/2"	7324-7255-20
6135	20'	1 1/2"	39	1 1/2"	7324-7261-20

Flushing hole Ø 14.5 mm.

Drifter rod, T38 – Round 39 – R35							
	191	–	7 1/2"	52	2"	7314-3652	

FACE DRILLING AND BOLTING

R35 (1 3/8") BIT THREAD

Reaming tools for cut holes / Reaming bit, R35								
	2×6	2×6	3×10	12×13	35°	102	4"	7738-5602P-S48

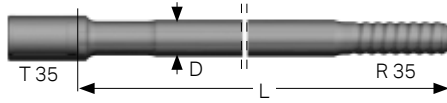
Reaming tools for cut holes / Pilot adapter, 12° taper							
	R35	278	–	11"	40	1 37/64"	7821-5440

Reaming tools for cut holes / Reaming bit, 12° taper						
	4×10	8×12	35°	89	3 1/2"	7721-4889-S48
	4×13	8×13	35°	102	4"	7721-4802-S48
	8×13	8×13	35°	127	5"	7721-4827-S48

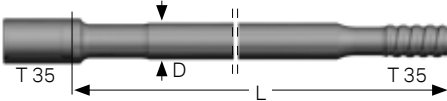
FACE DRILLING AND BOLTING

SANDVIK EXTRA. R35 (1 3/8") BIT THREAD

Button bit, Retrac R35									
	3×6	1×6	3×9	6×10	35°	54	2 1/5"	●	7738-4654A1-R48

Drifter rod, T35 – Round 39 – R35						
	4305	14'	1 1/2"	39	1 1/2"	7327-5243-20
	4915	16'	1 1/2"	39	1 1/2"	7327-5249-20
	5525	18'	1 1/2"	39	1 1/2"	7327-5255-20
	6135	20'	1 1/2"	39	1 1/2"	7327-5261-20

Flushing hole Ø 14.5 mm. Female end Ø 48.2 mm.

Drifter Extension rod, T35 – Round 39 – T35						
	3050	10'	–	39	1 1/2"	7327-4731-20
	3660	12'	–	39	1 1/2"	7327-4737-20
	4265	14'	–	39	1 1/2"	7327-4743-20
	4875	16'	–	39	1 1/2"	7327-4749-20

Flushing hole Ø 14.5 mm. Female end Ø 48.2 mm.

FACE DRILLING AND BOLTING

SANDVIK DRIFTER BITS



TYPE 51

Featuring a new best-of-both-worlds carbide grade, this bit design is ideal for abrasive rock.



TYPE 52

Designed for maximum bit life in hard and abrasive rock.



TYPE 53

All-round design with a good tradeoff between speed and bit life length for hard to medium hard rock.



TYPE 54

All-round design with high penetration rate for hard to medium hard rock.



TYPE 55

Designed for maximum penetration rate in softer and less abrasive rock formations.



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SMALL HOLE DRILLING

PEAK PRODUCTIVITY LEVEL AFTER LEVEL

Our range of rock tools for top hammer drilling are designed to transmit intensive impact energy into the rock while minimizing energy loss and hole deviation, and optimizing drilling patterns. You'll benefit from improved hole-straightness, superior energy transmission and higher drilling efficiency.

Sandvik GT60 enables drilling of holes from 92 mm to 152 mm in diameter. Using a Sandvik GT60 tool system when drilling the typical T51 hole size (102 mm), can significantly improve hole straightness – thanks to the much stiffer and more stable rod package. The Sandvik GT60 tool system also ensures excellent energy transfer efficiency all the way from rock drill to hole bottom, reducing fuel costs and environmental impact. Increased energy transfer efficiency is key to achieve the best penetration rate possible from every drill rig.

In addition, a drill string with Sandvik MF-rods provides stiffer connections than a string with separate coupling sleeves, due to the 50 percent reduction in thread play.

BENEFITS IN BENCH DRILLING:

- Lower total operating cost
- Longer service life of drill steel components
- Less downtime, which means improved productivity
- Improved safety and better blasting control
- Less hole deviation and better-balanced fragmentation
- Reduced consumption of explosives, which account for about half of all total drilling and blasting costs

R32 (1 1/4")	42
T35 (1 3/8")	44
T38 (1 1/2")	45
T45 (1 3/4")	47
T51 (2")	49
SANDVIK GT60	51

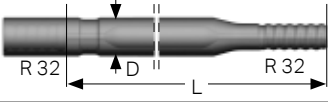
BENCH DRILLING

R32 (1 1/4")

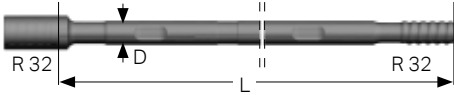
Button bit, regular skirt									
	3×6	1×6	3×9	6×10	40°	51	2"	●	7733-1651A-R48
	3×6	1×6	3×9	6×10	35°	51	2"	●	7733-1651A-S48
	3×6	1×6	3×10	6×11	35°	57	2 1/4"	●	7733-1657A-S48
	3×7	–	3×11	6×12	30°	64	2 1/2"	●	7733-1664-S48
	4×7	–	5×10	8×11	35°	76	3"	●	7733-1876-S48
	3×6	1×6	3×9	6×10	40°	51	2"	○	7733-5551A-C60
	3×6	1×6	3×10	6×10	40°	57	2 1/4"	○	7733-5557A-C60
	3×8	1×8	3×10	6×11	40°	64	2 1/2"	○	7733-5564A-C60
Button bit, Retrac									
	3×6	–	3×9	6×10	35°	51	2"	●	7733-4651-R48
	3×6	–	3×9	6×10	35°	51	2"	●	7733-4651-S48
	3×8	–	3×11	6×12	30°	64	2 1/2"	●	7733-4664-S48
	4×7	–	5×9	8×10	30°	64	3 1/2"	●	7733-4864-S48

BENCH DRILLING

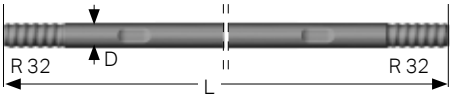
R32 (1 1/4")

Guide tube							
	51-64	1830	6'	–	46	1 3/4"	7953-4618-20

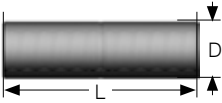
Female end Ø 46 mm.

MF-rod, R32 – round 32 – R32							
	3050	10'	–	32	1 1/4"	7853-5131-20	
	3660	12'	–	32	1 1/4"	7853-5137-20	

Flushing hole Ø 9.2 mm. Wrench flat 25.4 mm. Female end Ø 45 mm.

Extension rod, R32 – round 32 – R32							
	2440	8'	–	32	1 1/4"	7853-3324-30	
	3050	10'	–	32	1 1/4"	7853-3331-30	
	3660	12'	–	32	1 1/4"	7853-3337-30	
	4265	13'	–	32	3 1/4"	7853-3343-30	

Flushing hole Ø 11.7 mm. Wrench flat 25.4 mm.

Coupling sleeve R32							
	150	–	5 29/32"	44	1 47/64"	7993-3644	

BENCH DRILLING

T35 (1 3/8")

Button bit, regular skirt



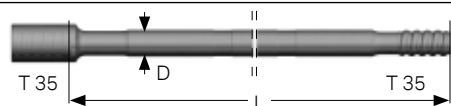
3×6	1×6	3×9	6×11	30°	54	2 1/8"	●	7517-1654A-S48
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Button bit, Retrac



3×6	–	3×9	6×10	35°	54	2 1/8"	●	7517-4654-R48
3×7	–	3×10	6×11	35°	57	2 1/4"	●	7517-4657-R48

MF-rod, T35 – round 39 – T35



3050	10'	–	39	1 1/2"	7327-4731-20
3660	12'	–	39	1 1/2"	7327-4737-20

Female end Ø 48.2 mm. Flushing hole Ø 14.5 mm.

BENCH DRILLING

T38 (1 1/2")

Button bit, regular skirt									
	3×7	1×7	3×9	6×11	35°	54	2 1/8"	●	7514-1654A-R48
	3×7	1×7	3×10	6×11	35°	57	2 1/4"	●	7514-1657A-S48
	3×8	–	3×11	6×12	35°	64	2 1/2"	●	7514-1664-R48
	3×8	–	3×11	6×12	30°	64	2 1/2"	●	7514-1664-S48
	4×8	–	5×10	8×11	30°	70	2 3/4"	●	7514-1870-S48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-1876-R48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-1876-S48
	4×8	–	5×12	8×12	35°	89	3 1/2"	●	7514-1889-S48
	2×11	1×6	4×10	8×10	30°	64	2 1/2"	●	7514-2664A-S48
	3×8	1×8	3×10	6×11	40°	64	2 1/2"	○	7514-5564A-C60
	3×8	1×8	4×11	6×12	40°	76	3"	○	7514-5576A-C60
Button bit, Retrac									
	3×7	1×7	3×10	6×11	35°	60	2 3/8"	●	7514-4660A-R48
	3×8	–	3×11	6×12	35°	64	2 1/2"	●	7514-4664-R48
	3×8	–	3×11	6×12	30°	64	2 1/2"	●	7514-4664-S48
	3×8	–	3×11	6×12	30°	64	2 1/2"	●	7514-4664-S65
	4×7	–	5×9	8×10	35°	64	2 1/2"	●	7514-4864-R48
	4×8	–	5×10	8×11	30°	70	2 3/4"	●	7514-4870-S48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-4876-R48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-4876-S48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-4876-S65
	3×8	1×8	4×11	6×12	40°	76	3"	○	7514-7576A-C60
	2×10	1×6	4×10	8×10	30°	64	2 1/2"	●	7514-7864A-S48
	2×11	1×6	6×10	8×11	35°	76	3"	●	7514-7876A-S48
	3×10	–	6×10	9×11	35°	89	3 1/2"	●	7514-7889-S48
	3×8	–	4×9	6×10	40°	64	2 1/2"	●	7514-7964-R48
	4×8	–	6×10	8×11	35°	76	3"	●	7514-7976-R48
	4×7	–	6×10	8×11	30°	76	3"	●	7514-7976-S48

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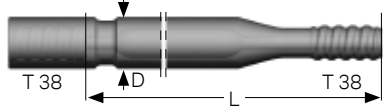
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T38/T38+ (1 1/2")

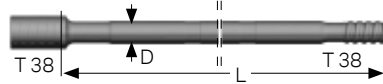
Guide tube



64-76	3660	12'	-	56	2 13/64"	7955-5637-20
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Female end OD 56 mm.

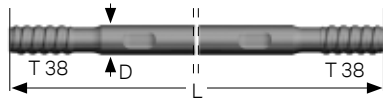
MF-rod, T38 – round 39 – T38



3050	10'	-	39	1 1/2"	7324-4731-80
3050	10'	-	39	1 1/2"	7324-4731-70
3660	12'	-	39	1 1/2"	7324-4737-80
3660	12'	-	39	1 1/2"	7324-4737-70
4265	14'	-	39	1 1/2"	7324-4743-80
4265	14'	-	39	1 1/2"	7324-4743-70
4875	16'	-	39	1 1/2"	7324-4749-70

Flushing hole Ø 14.5 mm. Female end OD 56 mm.

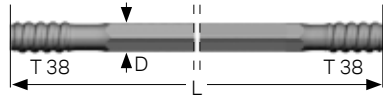
Extension rod, T38 – round 39 – T38



3050	10'	-	39	1 1/2"	7324-4331C-30
3660	12'	-	39	1 1/2"	7324-4337C-30

Flushing hole Ø 14.5 mm. Wrench flat 32 mm.

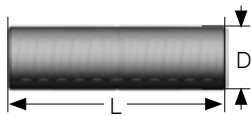
Light extension rod, T38 – Hex 32 – T38



3050	10'	-	32	1 1/4"	7324-6931-20
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Flushing hole Ø 9.6 mm.

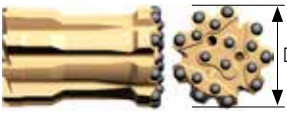
Coupling sleeve T38



191	-	7 1/2"	55	2 5/32"	7314-3355
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BENCH DRILLING

T45 (1 3/4")

Button bit, regular skirt									
	4x8	–	5x10	8x11	30°	70	2 3/4"	●	7515-1870-S48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-1876-R48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-1876-S48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-1876-S65
	4x9	–	5x12	8x13	40°	89	3 1/2"	●	7515-1889-R48
	4x9	–	5x12	8x13	35°	89	3 1/2"	●	7515-1889-S48
	4x9	–	5x12	8x13	35°	89	3 1/2"	●	7515-1889-S65
	3x10	–	9x11	9x13	40°	102	4"	●	7515-1902-R48
	3x10	–	9x11	9x13	35°	102	4"	●	7515-1902-S48
	2x12	1x7.5	6x10	8x11	35°	76	3"	●	7515-2676A-S48
	3x10	1x7.5	6x10	9x11	35°	89	3 1/2"	●	7515-2689A-S48
	3x10	1x10	2x11, 3x12	6x13	40°	89	3 1/2"	○	7515-5589A-C60
Button bit, Retrac									
	4x8	–	5x10	8x11	35°	70	2 3/4"	●	7515-4870-R48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-4876-R48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-4876-S48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-4876-S65
	4x9	–	5x12	8x13	40°	89	3 1/2"	●	7515-4889-R48
	4x9	–	5x12	8x13	35°	89	3 1/2"	●	7515-4889-S48
	4x9	–	5x12	8x13	35°	89	3 1/2"	●	7515-4889-S65
	3x10	–	9x11	9x13	40°	102	4"	●	7515-4902-R48
	3x10	–	9x11	9x13	35°	102	4"	●	7515-4902-S48
	3x9	1x9	1x11, 3x11	6x12	40°	76	3"	○	7515-7576A-C60
	3x10	1x10	2x11, 3x12	6x13	40°	89	3 1/2"	○	7515-7589A-C60
	2x11	1x6	6x10	8x11	35°	76	3"	●	7515-7876A-S48
	3x10	1x8	6x10	9x11	35°	89	3 1/2"	●	7515-7889A-S48
	4x8	–	6x10	8x11	35°	76	3"	●	7515-7976-R48
	4x7	–	6x10	8x11	30°	76	3"	●	7515-7976-S48
	4x8	–	6x11	8x12	40°	89	3 1/2"	●	7515-7989-R48
	4x8	–	6x11	8x12	35°	89	3 1/2"	●	7515-7989-S48
	4x8	–	6x10	8x11	35°	76	3"	●	7515-8276-R48

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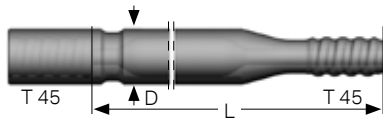
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T45/T45+ (1 3/4")

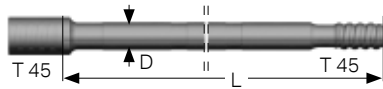
Guide tube



76-89	3660	12'	–	63	2 1/2"	7956-6337-70
89-102	3660	12'	–	76	3"	7956-7637-70

Female end Ø 63 mm / 76 mm.

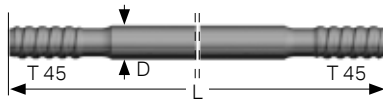
MF-rod, T45 – round 46 – T45



3050	10'	–	46	1 1/2"	7325-7731-70
3050	10'	–	46	1 1/2"	7325-7731-80
3660	12'	–	46	1 1/2"	7325-7737-70
3660	12'	–	46	1 1/2"	7325-7737-80
4265	14'	–	46	1 1/2"	7325-7743-70
4265	14'	–	46	1 1/2"	7325-7743-80

Flushing hole Ø 17 mm. Female end Ø 63 mm.

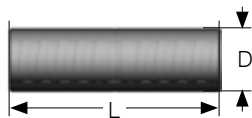
Extension rod, T45 – round 46 – T45



3050	10'	–	46	1 3/4"	7325-7331C-30
3660	12'	–	46	1 3/4"	7325-7337C-30
4265	14'	–	46	1 3/4"	7325-7343C-30

Flushing hole Ø 17 mm.

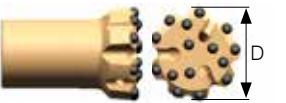
Coupling sleeve T45



210	–	8 1/8"	63	2 31/64"	7315-3663
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BENCH DRILLING

T51 (2")

Button bit, regular skirt									
	4×10	–	5×12	8×13	40°	89	3 1/2"	●	7516-1889-R48
	4×10	–	5×12	8×13	35°	89	3 1/2"	●	7516-1889-S48
	3×13	–	9×11	9×13	40°	102	4"	●	7516-1902-R48
	3×13	–	9×11	9×13	35°	102	4"	●	7516-1902-S48
	3×13	–	10×12	9×14	35°	115	4 1/2"	●	7516-1915-S48
	3×14	–	10×13	9×14	35°	127	5"	●	7516-1927-S48
	3×12	1×8	6×10	9×11	35°	89	3 1/2"	●	7516-2689A-S48
	3×12	1×8	6×12	9×12	35°	102	4"	●	7516-2602A-S48
	3×12	1×12	2×11, 3×12	6×13	40°	89	3 1/2"	○	7516-5589A-C60
	4×11	1×11	3×11, 4×12	8×13	40°	102	4"	○	7516-5502A-C60
Button bit, Retrac									
	4×9	–	5×12	8×13	35°	83	3 17/64"	●	7516-4883-R48
	4×10	–	5×12	8×13	40°	89	3 1/2"	●	7516-4889-R48
	4×10	–	5×12	8×13	35°	89	3 1/2"	●	7516-4889-S48
	4×10	–	5×12	8×13	35°	89	3 1/2"	●	7516-4889-S65
	3×13	–	9×11	9×13	40°	102	4"	●	7516-4902-R48
	3×13	–	9×11	9×13	35°	102	4"	●	7516-4902-S48
	3×13	–	9×11	9×13	35°	102	4"	●	7516-4902-S65
	3×13	–	10×12	9×14	40°	115	4 1/2"	●	7516-4915-R48
	3×13	–	10×12	9×14	35°	115	4 1/2"	●	7516-4915-S48
	3×14	–	10×13	9×14	35°	127	5"	●	7516-4927-S48
	3×12	1×12	2×11, 3×12	6×13	40°	89	3 1/2"	○	7516-7589A-C60
	3×11	1×11	3×11, 4×12	8×13	40°	102	4"	○	7516-7502A-C60
	3×12	1×8	6×10	9×11	35°	89	3 1/2"	●	7516-7889A-S48
	4×10	–	6×11	8×12	40°	89	3 1/2"	●	7516-7989-R48
	4×10	–	6×11	8×12	35°	89	3 1/2"	●	7516-7989-S48
	4×11	–	7×12	8×13	35°	102	4"	●	7516-7902-S48
	4×11	–	3×11, 4×12	8×13	40°	102	4"	●	7516-7902-R48
	4×10	–	3×12, 4×13	8×14	35°	115	4 1/2"	●	7516-7915-S48

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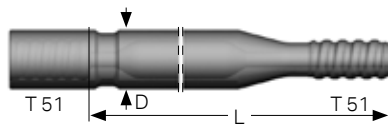
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T51/T51+ (2")

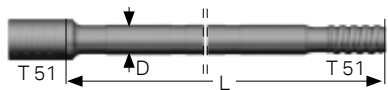
Guide tube



89-102	3660	12'	-	76	3"	7957-7637-70
102-127	3660	12'	-	87	3 1/2"	7957-8737-70

Female end Ø 76 / 87 mm.

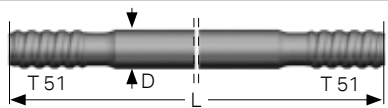
MF-rod, T51 – round 52 – T51



	3660	12'	-	52	2"	7326-5537-70
	3660	12'	-	52	2"	7326-5537-80
	4265	14'	-	52	2"	7326-5543-70
	4265	14'	-	52	2"	7326-5543-80
	5485	17'	11	52	2"	7326-5555-80
	6095	20'	-	52	2"	7326-5561-70

Flushing hole Ø 21.5 mm. Female end Ø 71 mm.

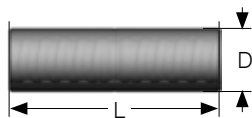
Extension rod, T51 – round 52 – T51



	3660	12'	-	52	2"	7326-5337C-30
	4265	14'	-	52	2"	7326-5343C-30
	6095	20'	-	52	2"	7326-5361C-30

Flushing hole Ø 21.5 mm.

Coupling sleeve T51



	225	-	8 7/8"	71	2 51/64"	7316-3671
	225	-	8 7/8"	76	3"	7316-3676

BENCH DRILLING

SANDVIK GT60+

Button bit, regular skirt									
	4×11	–	6×12	8×14	35°	92	3 5/8"	●	7620-1892-S48
	4×12	–	6×12	8×14	35°	96	3 3/4"	●	7620-1896-S48
	3×13	–	9×11	9×13	35°	102	4"	●	7620-1902-S48
	3×14	–	10×12	9×14	40°	115	4 1/2"	●	7620-1915-R48
	3×14	–	10×12	9×14	35°	115	4 1/2"	●	7620-1915-S48
	3×14	–	10×13	9×16	35°	127	5"	●	7620-1927-S48
	3×14	–	10×14	9×16	35°	140	5 1/2"	●	7620-1940-S48
	3×15	–	12×14	9×16	35°	152	6"	●	7620-1952-S48
Button bit, Retractable									
	3×13	–	9×11	9×13	35°	102	4"	●	7620-4902-S48
	3×13	–	9×11	9×13	35°	102	4"	●	7620-4902-S65
	3×14	–	10×12	9×14	40°	115	4 1/2"	●	7620-4915-R48
	3×14	–	10×12	9×14	35°	115	4 1/2"	●	7620-4915-S48
	3×14	–	10×12	9×14	35°	115	4 1/2"	●	7620-4915-S65
	3×14	–	10×13	9×16	35°	127	5"	●	7620-4927-S48
	3×14	–	10×13	9×16	35°	127	5"	●	7620-4927-S65
	3×14	–	10×14	9×16	35°	140	5 1/2"	●	7620-4940-S48
	4×11	–	3×11, 4×12	8×13	35°	102	4"	●	7620-7902-S48
	4×11	–	3×12, 4×13	8×14	35°	115	4 1/2"	●	7620-7915-S48
	4×11	–	3×13, 4×14	8×14	35°	127	5"	●	7620-7927-S48
	4×12	–	4×14, 4×16	8×16	35°	140	5 1/2"	●	7620-7940-S48
	4×12	–	5×14, 4×16	8×16	35°	152	6"	●	7620-7952-S48
	2×14	–	9×12	9×12	40°	92	3 5/8"	●	7620-8792-R48
	2×14	–	9×12	9×12	35°	92	3 5/8"	●	7620-8792-S48
	2×14	–	10×12	9×13	40°	96	3 3/4"	●	7620-8796-R48
	2×14	–	10×12	9×13	35°	96	3 3/4"	●	7620-8796-S48
	2×14	–	10×12	9×13	40°	102	4"	●	7620-8702-R48

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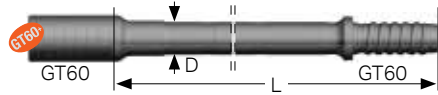
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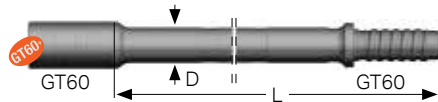
SANDVIK GT60+

MF-rod, GT60 – round 60 – GT60. For bits from 96 mm.



3660	12'	–	60	2 3/8"	7610-1137-85
4265	14'	–	60	2 3/8"	7610-1143-85
5485	18'	–	60	2 3/8"	7610-1155-85
6095	20'	–	60	2 3/8"	7610-1161-85

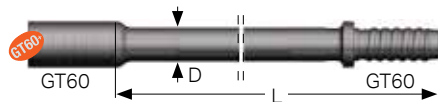
Female end Ø 85 mm. Flushing hole Ø 22.5 mm.



4265	14'	–	64	2 1/2"	7610-1243-85
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Female end Ø 85 mm. Flushing hole Ø 25 mm.

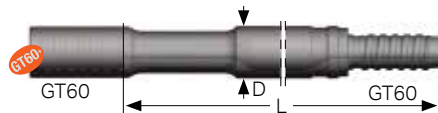
MF-rod, GT60 – round 60 – GT60. For 92–115 mm bits.



3660	12'	–	60	2 3/8"	7610-1437-85
4265	14'	–	60	2 3/8"	7610-1443-85

Female end Ø 82 mm. Flushing hole Ø 22.5 mm.

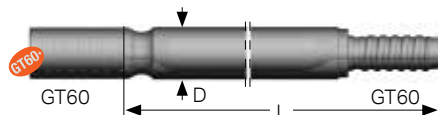
Pilot tube – GT60



1600	5'	3'	87	3"	7640-8716-80
4265	14'	–	87	3 1/2"	7640-8743-80
5335	17'	6'	76	3"	7640-7653-80

Female end Ø 85 mm (82 mm on 76 mm tubes).

Drill tube



4265	14'	–	87	3 1/2"	7660-8743-80
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Always use with tube shank adapter 7600-6030-01 (HL1500, 1560).



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PRODUCTION POWER ACCURACY & RELIABILITY

Production drilling is at the very heart of your mine. It is therefore vital that you choose products that deliver the accuracy and quality you demand. Developments in underground mining are leading towards large-scale production with fewer sublevels, longer holes and more selective mining, and our offering will help prepare you for your future needs.

This trend naturally makes drilling accuracy more important than ever. Many factors can influence the straightness of the drill hole: rock and ore properties, the drilling method, the power and set-up of the drill rig, and the correct choice of drilling tools. In this context, a Sandvik MF rod string is a tolerant and forgiving tool system. In addition, it also delivers impressive hole straightness.

With our unique in-house manufacturing facilities for producing, machining and tailoring steel, we are able to modify the metallurgical properties of all crucial Sandvik MF rod components. This is why all of our rod strings are given specific material characteristics in order to maximize wear, fatigue and corrosion resistance. Ultimately, this

boosts your drilling performance by making operations simple and ensuring productivity at all times. In long-hole production drilling, the main advantage of our tube drilling system is the high rate of penetration: the straightness and quality of the drill-holes and the low total production cost.

Our hole diameters range between 76 and 115 mm. A correctly assembled tube string in a stable rig permits the accurate drilling of holes up to 60 meters. This benefits your bottom line. Hole deviation adversely affects profitability in the form of poor fragmentation, low ore recovery and ore dilution. Using our tools has been proven to reduce deviation by up to 40 percent.

R32 (1 1/4")	56
T35 (1 3/8")	58
T38 (1 1/2")	59
T45 (1 3/4")	61
T51 (2")	63
ST58 (2 1/4") TUBE DRILLING TOOLS	66
ST68 (2 3/4") TUBE DRILLING TOOLS	67

LONG HOLE DRILLING UNDERGROUND

R32 (1 1/4")

Button bit, regular skirt									
	3×6	1×6	3×9	6×10	40°	51	2"	●	7733-1651A-R48
	3×6	1×6	3×9	6×10	35°	51	2"	●	7733-1651A-S48
	3×6	1×6	3×10	6×11	35°	57	2 1/4"	●	7733-1657A-S48
	3×7	–	3×11	6×12	30°	64	2 1/2"	●	7733-1664-S48
	4×7	–	5×11	8×12	35°	76	3"	●	7733-1876-S48
	3×6	1×6	3×9	6×10	40°	51	2"	○	7733-5551A-C60
	3×7	1×7	3×10	6×10	40°	57	2 1/4"	○	7733-5557A-C60
	3×8	1×8	3×10	6×11	40°	64	2 1/2"	○	7733-5564A-C60
Button bit, Retrac									
	3×6	–	3×9	6×10	35°	51	2"	●	7733-4651-R48
	3×6	–	3×9	6×10	35°	51	2"	●	7733-4651-S48
	3×8	–	3×11	6×12	30°	64	2 1/2"	●	7733-4664-S48
	4×7	–	5×9	8×10	30°	64	3 1/2"	●	7733-4864-S48

LONG HOLE DRILLING UNDERGROUND

R32 (1 1/4")

Guide tube							
	51-64	1830	6'	–	46	1 3/4"	7953-4618-20

Female end Ø 46 mm.

MF-rod, R32 – round 32 – R32							
	915	3'	–	32	1 1/4"	7853-5109-20	
	1220	4'	–	32	1 1/4"	7853-5112-20	
	1525	5'	–	32	1 1/4"	7853-5115-20	
	1830	6'	–	32	1 1/4"	7853-5118-20	

Flushing hole Ø 11.7 mm. Wrench flat 25.4 mm. Female end Ø 45 mm.

Extension rod, R32 – round 32 – R32							
	1220	4'	–	32	1 1/4"	7853-3312-20	
	1525	5'	–	32	1 1/4"	7853-3315-20	
	1830	6'	–	32	1 1/4"	7853-3318-20	

Flushing hole Ø 11.7 mm. Wrench flat 25.4 mm.

Coupling sleeve R32							
	150	–	5 29/32"	44	1 47/64"	7993-3644	

Pilot adapter for reaming of 51 mm (2") pilot holes							
	R32	–	–	–	47	1 7/8"	7823-3647

Reaming bit							
	4×12	8×12	35°	102	4"	–	7723-4802-S48
	4×12	8×12	35°	127	5"	–	7723-4827-S48

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T35 (1 3/8")

Button bit, regular skirt



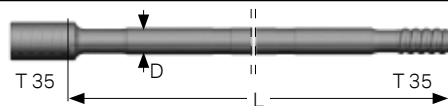
3×6	1×6	3×9	6×11	30°	54	2 1/8"	●	7517-1654A-S48
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Button bit, Retrac



3×6	–	3×9	6×10	35°	54	2 1/8"	●	7517-4654-R48
3×7	–	3×10	6×11	35°	57	2 1/4"	●	7517-4657-R48

MF-rod, T35 - Round 39 - T35



1830	6'	-	39	1 1/2"	7327-4718-20
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LONG HOLE DRILLING UNDERGROUND

T38 (1 1/2")

Button bit, regular skirt									
	3×7	1×7	3×9	6×11	35°	54	2 1/8"	●	7514-1654A-R48
	3×7	1×7	3×10	6×11	35°	57	2 1/4"	●	7514-1657A-S48
	3×8	–	3×11	6×12	35°	64	2 1/2"	●	7514-1664-R48
	3×8	–	3×11	6×12	30°	64	2 1/2"	●	7514-1664-S48
	4×8	–	5×10	8×11	30°	70	2 3/4"	●	7514-1870-S48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-1876-R48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-1876-S48
	4×8	–	5×12	8×12	35°	89	3 1/2"	●	7514-1889-S48
	2×11	1×6	4×10	8×10	30°	64	2 1/2"	●	7514-2664A-S48
	3×8	1×8	3×10	6×11	40°	64	2 1/2"	○	7514-5564A-C60
	3×8	1×8	4×11	6×12	40°	76	3"	○	7514-5576A-C60
	3×8	1×8	4×11	6×12	40°	76	3"	○	7514-5576A-C60
Button bit, Retractor									
	3×7	1×7	3×10	6×11	35°	60	2 3/8"	●	7514-4660A-R48
	3×8	–	3×11	6×12	35°	64	2 1/2"	●	7514-4664-R48
	3×8	–	3×11	6×12	30°	64	2 1/2"	●	7514-4664-S48
	3×8	–	3×11	6×12	30°	64	2 1/2"	●	7514-4664-S65
	4×7	–	5×9	8×10	35°	64	2 1/2"	●	7514-4864-R48
	4×8	–	5×10	8×11	30°	70	2 3/4"	●	7514-4870-S48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-4876-R48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-4876-S48
	4×8	–	5×11	8×12	35°	76	3"	●	7514-4876-S65
	3×8	1×8	4×11	6×12	40°	76	3"	○	7514-7576A-C60
	2×10	1×6	4×10	8×10	30°	64	2 1/2"	●	7514-7864A-S48
	2×11	1×6	6×10	8×11	35°	76	3"	●	7514-7876A-S48
	3×10	–	6×10	9×11	35°	89	3 1/2"	●	7514-7889-S48
	3×8	–	4×9	6×10	40°	64	2 1/2"	●	7514-7964-R48
	4×8	–	6×10	8×11	35°	76	3"	●	7514-7976-R48
	4×7	–	6×10	8×11	30°	76	3"	●	7514-7976-S48
	3×8	1×8	4×9	6×11	35°	64	2 1/2"	●	7514-8264-R48
	3×8	1×8	4×9	6×11	35°	64	2 1/2"	●	7514-8264-R48
	3×8	1×8	4×9	6×11	35°	64	2 1/2"	●	7514-8264-R48
	3×8	1×8	4×9	6×11	35°	64	2 1/2"	●	7514-8264-R48
Cross bit									
	1×6	2×7.5	–	–	–	64	2 1/2"	–	7514-1464-11

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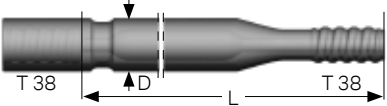
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T38 (1 1/2")

Guide tube									
	64-76	1830	6'	-	56	2 13/64"	7955-5618-20		

Female end OD 56 mm.

MF-rod, T38 – round 39 – T38									
	915	3'	-	39	1 1/2"	7324-4709C-20			
	1220	4'	-	39	1 1/2"	7324-4712C-20			
	1525	5'	-	39	1 1/2"	7324-4715C-20			
	1830	6'	-	39	1 1/2"	7324-4718C-20			
	3050	10'	-	39	1 1/2"	7324-4731-80			
	4875	16'	-	39	1 1/2"	7324-4749-70			

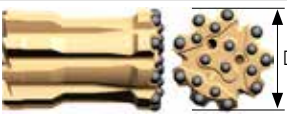
Flushing hole Ø 14.5 mm. Female end OD 56 mm.

Pilot adapter for reaming of 51 mm (2") pilot holes									
	R38	-	-	-	47	1 7/8"	7823-2647		

Reaming bit									
	4x12	8x12	35°	102	4"	-	-	-	7723-4802-S48
	4x12	8x12	35°	127	5"	-	-	-	7723-4827-S48
	4x14	8x14	35°	127	5"	4x9	57	-	7514-5627-S48

LONG HOLE DRILLING UNDERGROUND

T45 (1 3/4")

Button bit, regular skirt									
	4x8	–	5x10	8x11	30°	70	2 3/4"	●	7515-1870-S48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-1876-R48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-1876-S48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-1876-S65
	4x9	–	5x12	8x13	40°	89	3 1/2"	●	7515-1889-R48
	4x9	–	5x12	8x13	35°	89	3 1/2"	●	7515-1889-S48
	4x9	–	5x12	8x13	35°	89	3 1/2"	●	7515-1889-S65
	3x10	–	9x11	9x13	40°	102	4"	●	7515-1902-R48
	3x10	–	9x11	9x13	35°	102	4"	●	7515-1902-S48
	2x12	1x7.5	6x10	8x11	35°	76	3"	○	7515-2676A-S48
	3x10	1x7.5	6x10	9x11	35°	89	3 1/2"	○	7515-2689A-S48
	3x10	1x10	2x11, 3x12	6x13	40°	89	3 1/2"	○	7515-5589A-C60
Button bit, Retrac									
	4x8	–	5x10	8x11	35°	70	2 3/4"	●	7515-4870-R48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-4876-R48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-4876-S48
	4x8	–	5x11	8x12	35°	76	3"	●	7515-4876-S65
	4x9	–	5x12	8x13	40°	89	3 1/2"	●	7515-4889-R48
	4x9	–	5x12	8x13	35°	89	3 1/2"	●	7515-4889-S48
	4x9	–	5x12	8x13	35°	89	3 1/2"	●	7515-4889-S65
	3x10	–	9x11	9x13	40°	102	4"	●	7515-4902-R48
	3x10	–	9x11	9x13	35°	102	4"	●	7515-4902-S48
	3x9	1x9	7x11	6x12	40°	76	3"	○	7515-7576A-C60
	3x10	1x10	2x11, 3x12	6x13	40°	89	3 1/2"	○	7515-7589A-C60
	2x11	1x6	6x10	8x11	35°	76	3"	○	7515-7876A-S48
	3x10	1x8	6x10	9x11	35°	89	3 1/2"	○	7515-7889A-S48
	4x8	–	6x10	8x11	35°	76	3"	○	7515-7976-R48
	4x7	–	6x10	8x11	30°	76	3"	●	7515-7976-S48
	4x8	–	6x11	8x12	40°	89	3 1/2"	○	7515-7989-R48
	4x8	–	6x11	8x12	35°	89	3 1/2"	●	7515-7989-S48
	4x9	–	3x11, 4x12	8x13	35°	102	4"	●	7515-7902-S48
	4x8	–	6x10	8x11	35°	76	3"	○	7515-8276-R48

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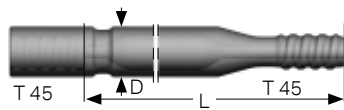
T45 (1 3/4")

Reaming bit



4×14	8×14	35°	127	5"	4×9	64	–	7515-5627-S48
8×14	8×14	35°	152	6"	4×9	64	–	7515-5652-S48

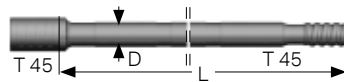
Guide tube



76-89	1830	6'	–	63	2 31/64"	7956-6318-21
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Female end Ø 63 mm.

MF-rod, T45 – round 46 – T45



1220	4'	–	46	1 3/4"	7325-7712C-20
1525	5'	–	46	1 3/4"	7325-7715C-20
1830	6'	–	46	1 3/4"	7325-7718C-20

Flushing hole Ø 17 mm. Female end Ø 63 mm.

XDC, button bit



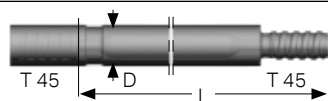
4×7.5	–	6×10	8×11	35°	76	3"	●	7525-8476-R65
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Button bit retrac



4×8	–	5×11	8×12	35°	76	3"	●	7525-4876-S48
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Drill tube, T45 – Round 65 – T45

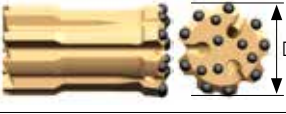


1525	5'	–	65	2 1/2"	7985-6315-26
1830	6'	–	65	2 1/2"	7985-6318-26

Flushing hole Ø 18 mm.

LONG HOLE DRILLING UNDERGROUND

T51 (2")

Button bit, regular skirt									
	4x10	–	5x12	8x13	40°	89	3 1/2"	●	7516-1889-R48
	4x10	–	5x12	8x13	35°	89	3 1/2"	●	7516-1889-S48
	3x13	–	9x11	9x13	40°	102	4"	●	7516-1902-R48
	3x13	–	9x11	9x13	35°	102	4"	●	7516-1902-S48
	3x13	–	10x12	9x14	35°	115	4 1/2"	●	7516-1915-S48
	3x14	–	10x13	9x14	35°	127	5"	●	7516-1927-S48
	3x12	1x8	6x10	9x11	35°	89	3 1/2"	○	7516-2689A-S48
	3x12	1x8	6x12	9x12	35°	102	4"	○	7516-2602A-S48
	3x12	1x12	2x11, 3x12	6x13	40°	89	3 1/2"	○	7516-5589A-C60
	4x11	1x11	3x11, 4x12	8x13	40°	102	4"	○	7516-5502A-C60
Button bit, Retractor									
	4x9	–	5x12	8x13	35°	83	3 17/64"	●	7516-4883-R48
	4x10	–	5x12	8x13	40°	89	3 1/2"	●	7516-4889-R48
	4x10	–	5x12	8x13	35°	89	3 1/2"	●	7516-4889-S48
	4x10	–	5x12	8x13	35°	89	3 1/2"	●	7516-4889-S65
	3x13	–	9x11	9x13	40°	102	4"	●	7516-4902-R48
	3x13	–	9x11	9x13	35°	102	4"	●	7516-4902-S48
	3x13	–	9x11	9x13	35°	102	4"	●	7516-4902-S65
	3x14	–	10x12	9x14	40°	115	4 1/2"	●	7516-4915-R48
	3x14	–	10x12	9x14	35°	115	4 1/2"	●	7516-4915-S48
	3x14	–	10x13	9x14	35°	127	5"	●	7516-4927-S48
	3x12	1x12	2x11, 3x12	6x13	40°	89	3 1/2"	○	7516-7589A-C60
	4x11	1x11	3x11, 4x12	8x13	40°	102	4"	○	7516-7502A-C60
	3x12	1x8	6x10	9x11	35°	89	3 1/2"	○	7516-7889A-S48
	4x10	–	6x11	8x13	40°	89	3 1/2"	○	7516-7989-R48
	4x10	–	6x11	8x13	35°	89	3 1/2"	●	7516-7989-S48
	4x11	–	3x11, 4x12	8x13	40°	102	4"	○	7516-7902-R48
	4x11	–	7x12	8x13	35°	102	4"	●	7516-7902-S48
	4x10	–	3x12, 4x13	8x14	35°	115	4 1/2"	●	7516-7915-S48
Reaming bit									
			8x14	8x14	35°	152	6"	–	7516-5652-S48

Pilot diameter: 64 mm.

HANDHELD AND
SMALL HOLE DRILLING

FACE DRILLING
AND BOLTING

BENCH DRILLING

LONG-HOLE DRILLING

SHANK ADAPTERS

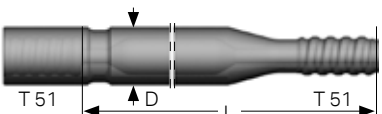
AUXILIARY TOOLS

GRINDING EQUIPMENT

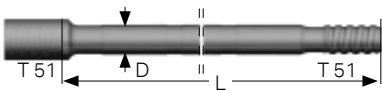
INFORMATION AND BIT
CLASSIFICATION GUIDE

LONG HOLE DRILLING UNDERGROUND

T51 (2")

Guide tube							
	89-102	1830	6'	-	76	3"	7957-7618-20

Female end Ø 76 mm.

MF-rod, T51 – round 52 – T51						
	1525	5'	–	52	2"	7326-5515C-20
	1830	6'	–	52	2"	7326-5518C-20

Flushing hole Ø 21 mm. Female end Ø 71 mm.



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LONG HOLE DRILLING UNDERGROUND

ST58 (2 1/4") TUBE DRILLING TOOLS

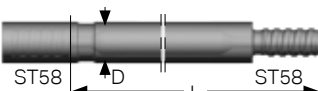
XDC, button bit									
	4×10	–	6×12	8×12	35°	89	3 1/2"	●	7528-8489-R65

XDC, button bit, guide Retrac									
	4×10	–	4×12	10×12	35°	89	3 1/2"	●	7528-7389-R65
	4×10	–	6×12	10×12	35°	89	3 1/2"	●	7528-7389-R48
	4×10	–	8×14	10×14	35°	115	4 1/2"	●	7528-7315-R65

Retrac bit, Heavy Duty									
	2×14	–	6×12	8×14	35°	89	3 1/2"	●	7528-8989-S65

Reaming bit									
				16×14	35°	152	6"	–	7528-5652-S65

Pilot diameter 76 mm.

Drill tube, ST58 – Round 76 – ST58									
	1525	5'	–	76	3"				7378-7615-26
	1830	6'	–	76	3"				7378-7618-26

Flushing hole Ø 26 mm.

LONG HOLE DRILLING UNDERGROUND

ST68 (2 3/4") TUBE DRILLING TOOLS

XDC, button bit									
	4×10	–	8×12	10×12	35°	102	4"	●	7529-8402-R65
	4×10	–	8×14	10×14	35°	115	4 1/2"	●	7529-8415-R65

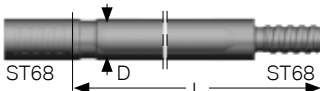
XDC, button bit, guide Retractor									
	4×10	–	8×12	10×12	35°	102	4"	●	7529-7302-R65
	4×10	–	8×14	10×14	35°	115	4 1/2"	●	7529-7315-R65
	4×10	–	8×12	10×12	35°	102	4"	●	7529-7302-R48
	4×10	–	8×14	10×14	35°	115	4 1/2"	●	7529-7315-R48

Collaring bit									
	3×18	–	8×16	9×16	35°	152	6"	●	7529-6652-S48

Retrac bit, Heavy Duty									
	2×15	–	5×14	8×16	35°	102	4"	●	7529-8902-S65

Reaming bit									
			4×9	12×16	35°	152	6"	–	7529-5652-S65
			3×16	18×16	35	204	8"	–	7529-5604A-S65

Pilot diameter 95 mm 7529-5652-S65.
Pilot diameter 137 mm 7529-5604A-S65.

Drill tube, ST68 – Round 87 – ST68									
	1525	5'	–	87	3 1/2"	7379-8715-26			
	1525	5'	–	87	3 1/2"	7379-8715-46			
	1830	6'	–	87	3 1/2"	7379-8718-26			
	1830	6'	–	87	3 1/2"	7379-8718-46			

Flushing hole Ø 30 mm.

! Permanent back flow valve.





Internal flushing shank adapters use a water tube inside the rock drill. The tube fits into the end of the shank adapter and is sealed with an O-ring. This allows water to transfer from the rock drill to the shank adapter, which in turn allows to flow through the rest of the drill string.



Shank adapters with external flushing can be identified by machined slots in the center of the adapter. These slots are positioned between seals inside the flushing housing/head of the rock drill.



Hydraulic shanks generally have at least a 5- to 14-spline configuration. Pneumatic shanks tend to have internal or through-flushing. They can be identified by their lugs or 4-spline configuration.

RELIABLE PERFORMANCE THAT CUTS COSTS

While every component in the drill string is crucial, the shank adapter must be engineered to transmit impact energy from the rock-drill piston – along with rotation torque – into the drill string with no losses. It must withstand and transmit up to 6,300 blows per minute from the piston continually, and do so with great endurance and dependability.

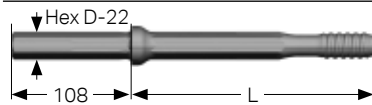
With this in mind, we manufacture premium quality shank adapters for most brands of rock drills. We have yet more specially developed products that are not featured in this catalog. Please visit our website or contact us directly to find out more, and to order the shank adapter that will keep you drilling.

HEXAGONAL SHANK ADAPTERS	70
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SHANK RODS

HEXAGONAL SHANK RODS

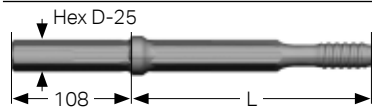
For hexagonal bushing 22 × 108 mm



4.5-5.0	R22	255	7801-6103-11
4.5-5.0	R23	255	7807-6103-11
4.5-5.0	R25	255	7802-6103-11



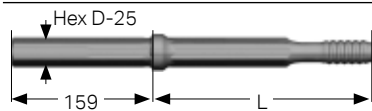
For hexagonal bushing 25 × 108 mm



4.5-5.0	R23	255	7807-7103-30
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For hexagonal bushing 25 × 159 mm

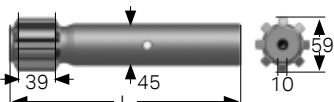
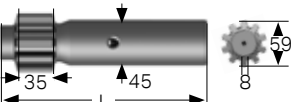


8	R25	255	7802-7103-21
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No packing. Not suitable for hydraulic machines with water flushing.

SHANK ADAPTERS

SANDVIK

HLX 1, RD 106					
	TU, BO	–	R23	235	7807-7570-01
	TU, BO	–	R25	255	7802-7567-01
	TU, BO	–	R28	255	7809-7567-01
HL 300					
	BE	–	R32	400	7803-7549-01
HL 300S					
	BO, TU	–	R32	245	7803-7547-01
RD308/RD314/RD414					
	UG	–	R32	205	7803-7663-01
	UG	–	R32	410	7803-7672-01
	UG	–	T38	410	7304-7672-01

❗ S = For underground drilling, T = Drill with stabilizer

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SMALL HOLE DRILLING

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AUXILIARY TOOLS

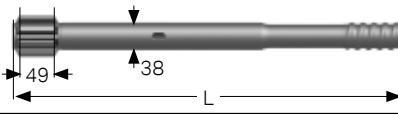
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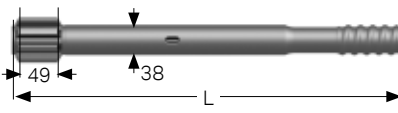
SHANK ADAPTERS

SANDVIK

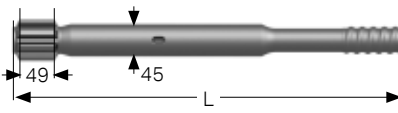
HLR 438LS, HLR438LS, HL500-38, HL510, HL538L, L550S

	BE	–	R32	550	7803-7535-02
	BE	–	T38	550	7304-7535-02

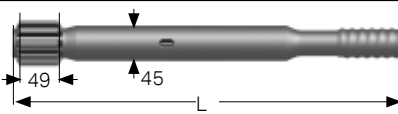
HL500S-38, 510S, 510B, 510LH

	PD, TU	–	R32	460	7803-7531-01
	TU	–	R38	460	7804-7531-01
	PD, TU	–	T38	460	7304-7531-01
	TU	–	R38	500	7804-7536-01
	PD, TU	–	T38	500	7304-7536-01

HL500-45, HL510, HL550 SUPER, HL560 SUPER, HL510S

	TU	–	T35	460	7307-7566-01
	TU	–	R38	500	7804-7554-01
	TU	–	T38	500	7304-7554-01
	PD, TU	–	T35	550	7307-7557-01
	BE	–	R32	550	7803-7557-01
	BE	–	T38	550	7304-7557-01
	BE	–	T45	550	7305-7557-01

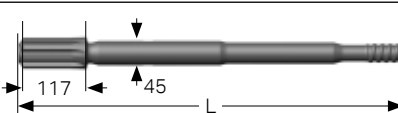
HLX 5 / HLX 5T, HFX 5T

	TU	–	R32	500	7803-7585-01
	TU	–	T38	500	7304-7585-01
	TU	–	R38	500	7804-7585-01
	BE	–	R32	575	7803-7586-01
	BE	–	T35	575	7307-7586-01
	BE	–	T38	575	7304-7586-01
	BE	–	T45	575	7305-7586-01

HLX 5T, HFX 5T

	TU	–	T38	720	7304-7668-01
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HLX5 PE-45

	TU	–	T38	575	7304-7664-01
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! PE = For Power Extractor rock drill, S = For underground drilling, T = Drill with stabilizer

SHANK ADAPTERS

SANDVIK

RD520/RD525 – PE



TU	–	T35	745	7307-7673-01
TU	–	T38	745	7304-7673-01

RD520/RD525



TU	–	T38	525	7304-7669-01
TU	–	R38	525	7804-7669-01
TU	–	T45	525	7305-7669-01
TU	–	T38	600	7304-7666-01
TU	–	T38	745	7304-7685-01

RD1635CF



TU	–	GT60	760	7600-6025-12
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RD1635CF-80



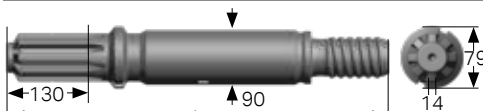
TU	–	GT60	760	7600-6030-15
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RD1635CF-PE90



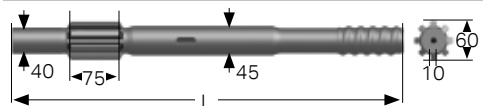
TU	–	GT60	760	7600-6032-15
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RD1633



PD	–	ST68	635	7329-6035-15
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HL 600-45 / HL 600 S-45



Tubes, BE	–	T45	600	7305-7532-01
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HL700-45, HL710, HL800T, HL810T, HF810T, HL650, HL820T, HF820T



BE	–	T38	600	7304-7576-01
BE	–	T45	600	7305-7576-01

! PE = For Power Extractor rock drill, S = For underground drilling, T = Drill with stabilizer

HANDHELD AND
SMALL HOLE DRILLING

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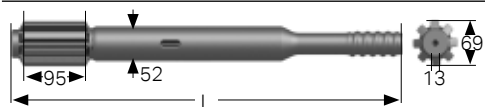
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SANDVIK

HL700-52, HL650, HL710, HL710PE, HL710SPE, HL/HF810T, HL/HF820T, HL/HF810T PE, HL/HF820T PE, HL810TS, HL820ST



BE, PD	–	T38	600	7304-7577-02
BE	–	T45	600	7305-7577-02
BE	–	T51	600	7306-7577-03
BE	–	R32	600	7803-7577-02

RD900-52



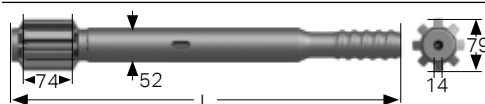
BE	–	T38	600	7304-7711-15
BE	–	T45	600	7305-7711-15
BE	–	T51	600	7306-7711-15

RD900-65



BE	–	T45	670	7305-7714-15
BE	–	T51	670	7306-7715-15
BE	–	GT60	670	7600-7715-15

HL1000-52, HL1000S, HL1010, HL1010S



PD	–	T45	590	7305-6008-01
BE	–	T51	670	7306-6010-02

HL1000-60, HL1010



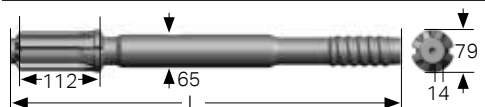
BE	–	T51	670	7306-6014-02
BE	–	GT60	670	7600-6014-02

HL1000PE-65, HL1010PE, HL1060T PE, HL1560T PE, HL1060T, HL1560T



BE	–	T51	760	7306-6025-02
BE	–	ST58	760	7358-6025-02
BE	–	GT60	760	7600-6025-02

HL1560HF/PE

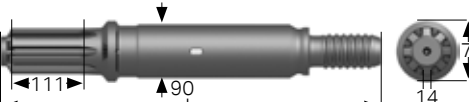
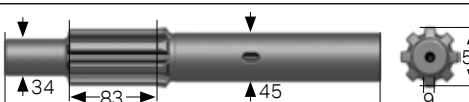
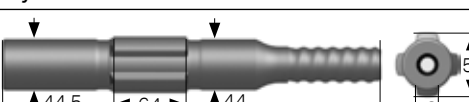


BE	–	GT60	760	7600-6025-05
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! PE = For Power Extractor rock drill, S = For underground drilling, T = Drill with stabilizer

SHANK ADAPTERS

SANDVIK

HL 1500-60, HL1500T					
		BE	-	GT60	760 7600-6022-03
HL 1500-80, HL1560T, HL1060T, HF1560, HL1560ST, HL1560T, Shoulder drive					
		PD	-	ST68	635 7329-6020-05
		BE	-	GT60	760 7600-6030-05
		PD	-	ST58	635 7328-6020-01
HL 1500T PE-90, HL1500ST PE, HL1560T PE, HL1560ST PE, HL1010S PE, HL1010 PE, HL1060T PE					
		PD	-	ST58	635 7328-6035-01
		PD	-	ST68	635 7329-6035-05
		BE	-	GT60	760 7600-6032-05
Hydrastar 200					
		TU, BO	-	R32	351 7803-4703-01
Hydrastar 200, 300, 350 and X2					
		TU	-	R32	485 7803-3590-03
		TU	-	R38	485 7804-3590-03
		TU	-	T38	485 7304-3590-03
		BE	-	T38	500 7304-3591-01
Toyo PR 220					
		BE	14	R32	330 7803-7500-61
		BE	14	T38	446 7304-7500-60

! PE = For Power Extractor rock drill, S = For underground drilling, T = Drill with stabilizer

SHANK ADAPTERS

ATLAS COPCO

Atlas Copco COP 1038 HD/1238

	TU	–	R32	485	7803-3590-03
	TU	–	R38	485	7804-3590-03
	TU	–	T38	485	7304-3590-03

Atlas Copco COP 1132

	PD	–	R32	410	7803-3581-02
	PD	–	R32	500	7803-3583-02

Atlas Copco COP 1432, COP 1532, COP 1440, COP 1838 HD/ME

	TU	–	R38	435	7804-3652-01
	TU	–	T38	435	7304-3652-01
	TU	–	R32	435	7803-3652-01

	BO	–	R32	525	7803-3656-02
	BO	–	T38	525	7304-3656-01

Atlas Copco COP 1550, COP 1838 ME/ HE

	BE, PD	–	T38	525	7304-3655-01
	BE, PD	–	T45	525	7305-3655-01

Atlas Copco COP 1550 EX, COP 1838 EX

	BE	–	T45	730	7305-3826-02
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Atlas Copco COP 1838MUX/HUX

	BE, PD	–	T38	730	7304-3663-01
	BE, PD	–	T45	730	7305-3663-01

SHANK ADAPTERS

ATLAS COPCO

Atlas Copco COP 1840 HE, COP 1850					
	BE, PD	–	T38	565	7304-3690-02
	BE, PD	–	T45	565	7305-3690-02
	BE, PD	–	T51	565	7306-3690-03
Atlas Copco COP 2160, COP 2560					
	BE	–	T51	770	7306-3689-01
Atlas Copco COP 2160EX/2560EX					
	BE	–	T51	770	7306-3699-01
Atlas Copco COP 2560+					
	BE	–	T45	770	7305-3701-01
	BE	–	T51	770	7306-3701-01
Atlas Copco COP 2560EX+					
	BE	–	T45	770	7305-3700-01
	BE	–	T51	770	7306-3700-01

HANDHELD AND
SMALL HOLE DRILLING

FACE DRILLING
AND BOLTING

BENCH DRILLING

LONG-HOLE DRILLING

SHANK ADAPTERS

AUXILIARY TOOLS

GRINDING EQUIPMENT

INFORMATION AND BIT
CLASSIFICATION GUIDE

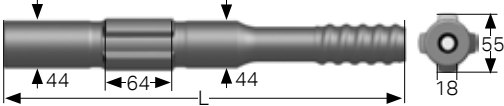
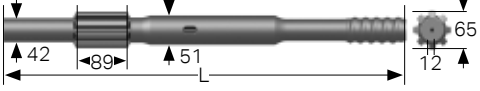
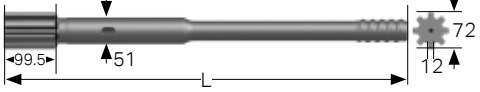
SHANK ADAPTERS

BOART

Boart HD 125, HD 150, HD 160					
	TU	-	T38	495	7304-4993-01

SHANK ADAPTERS

FURUKAWA

Furukawa M 120 and PD 200					
	BE	14	T38	380	7304-7543-60
	BE	14	T38	446	7304-7500-60
Furukawa HD 609					
	BE	–	T38	690	7304-4780-01
Furukawa HD 612					
	BE	–	T45	710	7305-7414-01
Furukawa HD 709					
	BE	–	T38	620	7304-7426-01
Furukawa HD 712					
	BE	–	T45	788	7305-7417-01
Furukawa HD 715 RP					
	BE	–	T35	885	7306-7424-01

HANDHELD AND
SMALL HOLE DRILLING

FACE DRILLING
AND BOLTING

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LONG-HOLE DRILLING

SHANK ADAPTERS

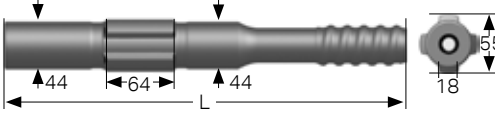
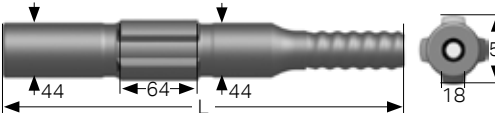
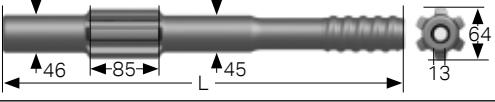
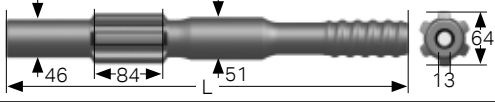
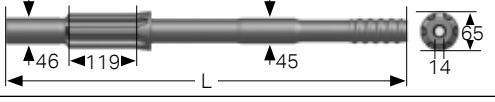
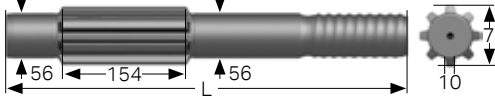
AUXILIARY TOOLS

GRINDING EQUIPMENT

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CLASSIFICATION GUIDE

SHANK ADAPTERS

GARDNER-DENVER, INGERSOLL-RAND AND KLEMM

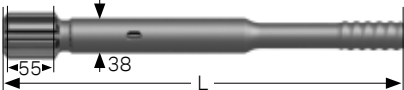
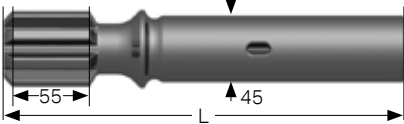
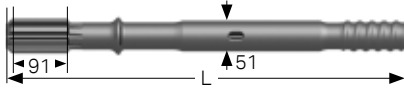
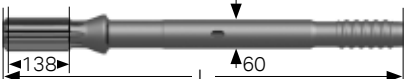
Gardner-Denver PR 123					
	TU, BE	14	T38	446	7304-7500-60
	TU, BE	14	T38	380	7304-7543-60
Ingersoll-Rand URD 475, URD 550, VL120, EVL 130, VL140 and F16					
	BE	14	T38	380	7304-7543-60
	BE	14	T38	446	7304-7500-60
Ingersoll-Rand YH 65, YH 80					
	BE	19	T38	495	7304-7525-19
	BE	19	T45	500	7305-7525-19
Ingersoll-Rand YH 80 A					
	BE	19	T45	495	7305-7559-19
Ingersoll-Rand YH 65 RP, YH 70 RP, YH 75 RP, YH 80 RP					
	BE	19	T45	700	7305-7546-19
Klemm 4053					
	BE	–	R55	500	7805-6015 ¹⁾
	BE	–	R55	500	7805-7015 ²⁾

-  ¹⁾ LH-Rotation
²⁾ RH-Rotation



SHANK ADAPTERS

MONTABERT

Montabert HC 40					
	BE	–	R32	447	7803-4725-01
	BE	–	T38	447	7304-4725-01
Montabert HC 40 (female)					
	TU, BO	–	R32	270	7803-4726-01
Montabert HC 80, HC 90, HC 105					
	TU	–	T38	440	7304-4720-01
Montabert HC 80R, HC 105R, HC 107R, HC 108R, HC 109R					
	BE	–	T38	670	7304-7544-01
	BE	–	T45	670	7305-7544-01
Montabert HC 120R, HC 150R, HC 155R, HC 158R					
	BE	–	T51	670	7306-7528-02
Montabert HC 200A					
	BE	–	GT60	840	7600-7530-02

HANDHELD AND
SMALL HOLE DRILLING

FACE DRILLING
AND BOLTING

BENCH DRILLING

LONG-HOLE DRILLING

SHANK ADAPTERS

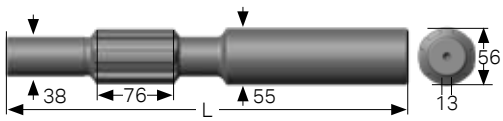
AUXILIARY TOOLS

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SHANK ADAPTERS

JOY

JOY, JH2						
		PD	-	T38	390	7304-4789-01



INFORMATION AND BIT CLASSIFICATION GUIDE	GRINDING EQUIPMENT	AUXILIARY TOOLS	SHANK ADAPTERS	LONG-HOLE DRILLING	BENCH DRILLING	FACE DRILLING AND BOLTING	HANDHELD AND SMALL HOLE DRILLING
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TOP-GRADE TOOLS TO KEEP YOU MOVING

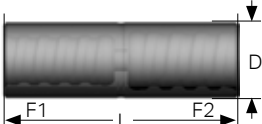
Auxiliary tools are an important part of the drilling application. This is why we provide top-grade tools in order to keep your process moving, and to avoid unnecessary and costly downtime. Our accessories for top hammer drilling tools are simple, practical additions. Their purpose is to enable the tool system to

be tailored to meet your different demands, in different applications and working environments. Furthermore, our auxiliary tools optimize your system, providing higher productivity and reliability with lower operating costs and minimal environmental impact.

BIT ADAPTERS	86
REDUCTION COUPLINGS	86
WRENCHES / KNOCK-OFF TOOLS	86
FISHING TOOLS	87
THREAD GREASE	87

AUXILIARY TOOLS

	(mm)	F (Female)	M (Male)	L (mm)	L (in)	D (mm)	D (in)	
	38	R25	R32	173	6 13/16"	45	1 3/4"	7832-3301
	38	R28	R32	230	9 1/16"	40	1 37/64"	7839-3301
	38	R32	R38	225	8 55/64"	45	1 49/64"	7833-4301
	38	R32	T38	225	8 55/64"	45	1 49/64"	7833-4401
	38	T35	T38	250	9 27/32"	48	1 7/8"	7337-4401
	44.5	R38	T38	245	9 21/32"	55	2 5/32"	7834-4401
	44.5	T38	R32	270	10 41/64"	57	2 1/4"	7334-3301
	44.5	T38	T45	285	11 7/32"	57	2 1/4"	7334-5401
	38	T45	T38	265	10 7/16"	63	2 31/64"	7335-4401
	44.5	T45	T51	285	11 7/32"	63	2 31/64"	7335-6401
	44.5	T51	T45	285	11 7/32"	71	2 51/64"	7336-5401

	F1	F2	L (mm)	L (in)	D (mm)	D (in)	
	R32	R28	165	6 1/2"	44	1 47/64"	7993-0444
	R32	R25	160	6 1/4"	43	1 11/16"	7993-2443
	R38	R32	170	6 3/4"	55	2 5/32"	7994-3455
	T38	R32	195	7 11/16"	55	2 5/32"	7314-3555
	T38	R38	183	7 9/32"	55	2 5/32"	7314-4455
	T38	T45	180		58	2 9/32"	7314-6258
	T38	T45	180	8 43/64"	61	2 13/32"	7314-6261
	T51	T45	218	8 19/32"	71	2 51/64"	7316-6271

	H22x108	33 mm	21	27,5	338	7979-2221
	H22x108	39 mm	26	32,5	318	7979-2226
	T38	39 mm	26	32,5	174	7979-2626
	T38	46 mm	30	36,5	174	7979-2630
	R38	39 mm	26	32,5	174	7979-2626
	R38	46 mm	30	36,5	174	7979-4530

For Hex 22 and Hex 25



Pilot rods, type 7922-XXXX-XX

795-1469

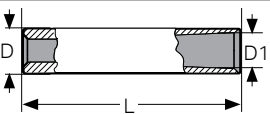
For tapered bits

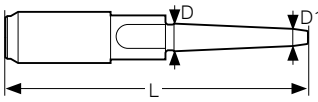


Hex 22

795-1467

AUXILIARY TOOLS

	D	D1	L	Thread	
Fishing sleeve					
	R32 round/Hex. rods/coupling sleeves	49	47.2	300	R32 795-1604A
	R38 round rods/coupling sleeves	60	–	353	R38 795-1605
	T35 round rods/coupling sleeves	52	50	284	T35 795-1613
	T38 round rods/coupling sleeves/MF-rods	61	58.2	353	T38 795-1607A
	T45 round rods/coupling sleeves/MF-rods	71	68	393	T45 795-1608
	T51 round rods/coupling sleeves/MF-rods	82	78.2	440	T51 795-1609A
	GT60 rods	92	87.5	450	GT60 795-2601

Fishing pike					
	R32 rods ¹⁾	19.4	4	280	R32 795-1606
	T38 rods ²⁾	19.4	8	237	T38 795-1676
	T45 rods ²⁾	25	8	275	T45 795-1681
	T51 rods ²⁾	27	15	285	T51 795-1690
	GT60 rods	50	19.6	500	GT60 795-2604
	ST58 tubes Ø 76 ²⁾	57	22	400	ST58 795-1699
	ST68 tubes	46	28	318	ST68 795-2605

-  ¹⁾ Without flushing hole
²⁾ With flushing hole

	D (mm)	L (mm)	Weight (kg)	
For integral drill steels and shank rods				
	Can	215	170	4.5 795-1960
	Can	300	380	18 795-1961
	Tube	53/57	235	0.4 795-1962
	Low temp. Can	300	380	18 795-1963
	Barrel	610	870	240 795-1964

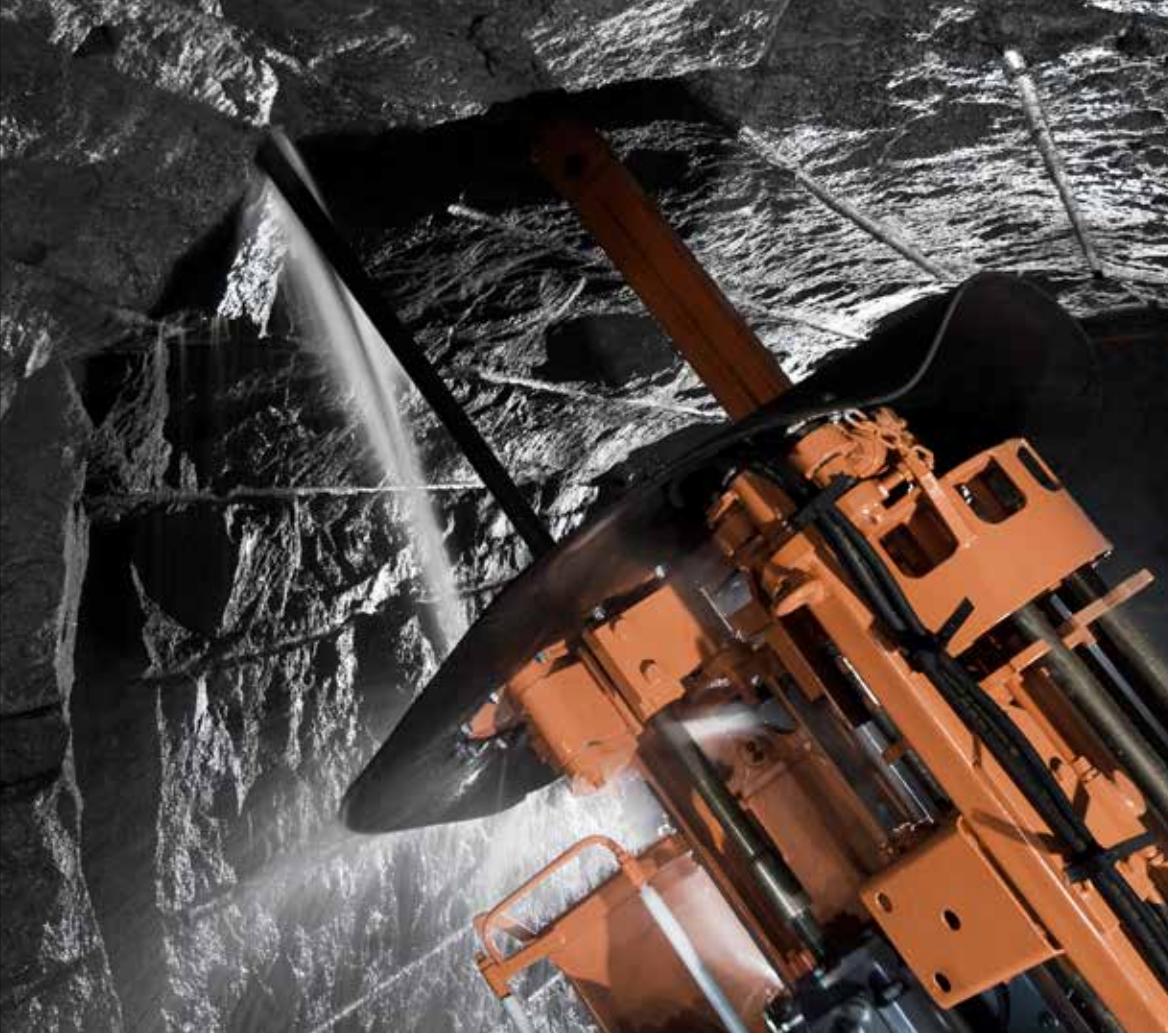


REGULAR REGRINDING IMPROVES PRODUCTIVITY

By regrounding your drills regularly, you can increase the length of their service life between 5 and 10 times. We offer a complete range of grinders and grinding accessories, from small manual pneumatic grinders to stationary semi-automatic ones for the economical grinding of large volumes

of drill bits. Careful maintenance of the cemented carbide inserts in drilling tools improves almost all drilling parameters in rock drilling. In other words, you can make sure that you are always able to work as efficiently as possible.

INTEGRAL STEEL GRINDER RG100E	92
INTEGRAL STEEL GRINDER RG100H	93
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INTEGRAL STEEL AND CROSS GRINDER RG140P	95
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The height of the cemented carbide diminishes as wear progresses, resulting in it wearing flat.



Wear to the cemented carbide on the periphery of the bit is abnormally high, causing an "anti-taper" to develop which diminishes the clearance of the bit.



Here, the surface has become fatigued and developed microscopic cracks.

REGRIND YOUR BITS MAINTAIN PRODUCTION

Cemented carbide is one of the most successful composite engineering materials produced. Its unique combination of strength, hardness and toughness satisfies the most demanding applications – but working with such high stresses, inserts and buttons are more subject to wear.

BUTTON BITS SHOULD BE REGROUND WHEN PENETRATION RATES DROP, OR IF THE CEMENTED CARBIDE SHOWS SIGNS OF DAMAGE

Fixed grinding routines encourage good working practice. Bits, for instance, should be examined and then reground after a specific number of holes, or at the end of a shift. Premature grinding is not necessarily uneconomical, since less carbide needs to be ground off. It is better to reground sooner than affect productivity due to damage.

Proper grinding adds considerably to the service life of drill bits. Another equally important aspect of proper grinding is that it also enhances the performance of the entire drilling operation, particularly hole straightness.

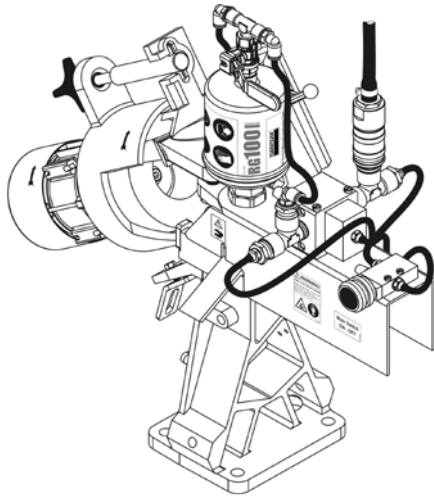
Grinding should always be done in accordance with safety regulations. Read more about important health and safety information on page 2.

INTEGRAL STEEL GRINDER

RG100E

GRINDING APPLICATIONS

Mobile, lightweight, electrical grinder. Intended for frontal and gauge grinding of chisel integral steels.



Air pressure	Max 8 bar
Air consumption	5–10 l/sec
Rated power (motor)	1.1 kW
Idling speed	2800 (50 Hz) RPM/ 3400 (60 Hz) RPM
Hose connections:	
Air, air hose	9.5 mm (3/8")
Water, water hose	9.5 mm (3/8")
Dimensions: H × W × D	611 × 550 × 350 mm
Grinding wheel dimensions	127 × 546 × 321 mm
Weight inclusive of grinding wheel	21.5 kg
Cutting-edge radius	80 mm
Cutting-edge angle	110°

PART. NO FOR MACHINES

Complete grinder, hydraulic powered 796-5320-XX*
*For two last digits, see table below, under "Code"

VOLTAGE/PHASE ALT.

Voltage	Phases	Hz	Code
220–240 V	1	50/60 Hz	50
380–420 V	3	50/60 Hz	52
220–240 V	3	50/60 Hz	59

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

Grinding wheel for dry grinding	797-1227-15
Protective goggles	797-5771
T-hexagon wrench	797-5766-06

ACCESSORIES (OPTIONAL)

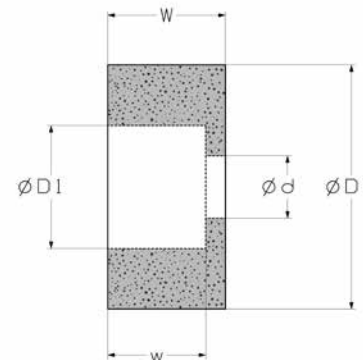
Grinding wheel (dry grinding)	797-1227-15
Grinding wheel (wet grinding)	797-1227-10
Kit for grinding plug hole drill steels	797-5489-50
Mounting bracket (for drill rig)	797-5330-91
Support for integral steels	797-5330-92
Grinding template for chisel bit	795-1343
Grinding template for plug hole steels	795-1336

RECOMMENDED LUBRICANTS

Grease, 0.42 kg cartridge 797-5773-22

GRINDING WHEEL DIMENSIONS

D	= 127 mm
W	= 63 mm
d	= 32 mm
D1	= 80 mm
w	= 50 mm

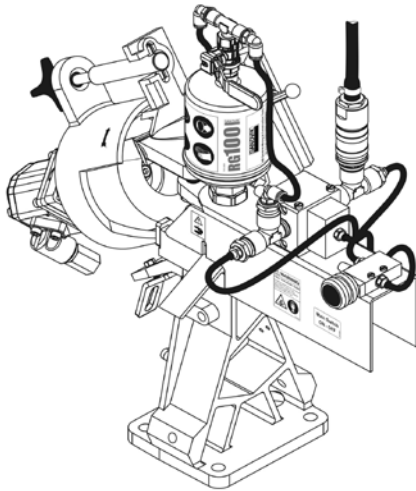


INTEGRAL STEEL GRINDER

RG100H

GRINDING APPLICATIONS

Mobile, lightweight, hydraulic grinder. Intended for frontal and gauge grinding of chisel integral steels.



Hydraulic pressure	Max 200 bar/Min. 140 bar
Oil flow consumption	12 l/min
Air pressure	Max 8 bar
Air consumption	5–10 l/sec
Rated power (motor)	4 kW
Idling speed	3700 RPM
Hose connections:	
Hydraulic, hydraulic hose	R 3/8" female thread
Air, air hose	9.5 mm (3/8")
Water, water hose	9.5 mm (3/8")
Dimensions: H × W × D	600 × 550 × 350 mm
Grinding wheel dimensions	127 × 63 × 32 mm
Weight inclusive of grinding wheel	15.5 kg
Cutting-edge radius	80 mm
Cutting-edge angle	110°

PART. NO FOR MACHINES

Complete grinder, hydraulic powered 796-5330

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

Grinding wheel for dry grinding 797-1227-15
 Protective goggles 797-5771
 T-hexagon wrench 797-5766-06

ACCESSORIES (OPTIONAL)

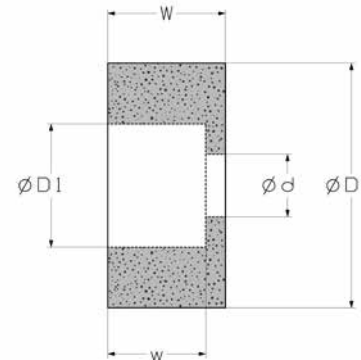
Grinding wheel (dry grinding) 797-1227-15
 Grinding wheel (wet grinding) 797-1227-10
 Kit for grinding plug hole drill steels 797-5489-50
 Mounting bracket (for drill rig) 797-5330-91
 Support for integral steels 797-5330-92
 Grinding template for chisel bit 795-1343
 Grinding template for plug hole steels 795-1336

RECOMMENDED LUBRICANTS

Grease, 0.42 kg cartridge 797-5773-22

GRINDING WHEEL DIMENSIONS

D = 127 mm
 W = 63 mm
 d = 32 mm
 D1 = 80 mm
 w = 50 mm



HANDHELD AND
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FACE DRILLING
AND BOLTING

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GRINDING EQUIPMENT

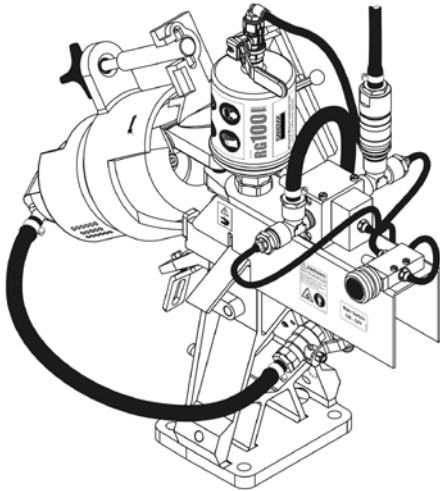
INFORMATION AND BIT
CLASSIFICATION GUIDE

INTEGRAL STEEL GRINDER

RG100P

GRINDING APPLICATIONS

Mobile, lightweight, pneumatic grinder. Intended for frontal and gauge grinding of chisel integral steels.



Air pressure	Max 8 bar/min 6 bar
Air consumption	40–60 l/sec
Rated power (motor)	1.7 kW
Idling speed	4900 RPM
Hose connection:	
Air, air hose	12.5 mm (1/2")
Air or water hose for cooling	9.5 mm (3/8")
Dimensions: H × W × D	660 × 550 × 350 mm
Grinding wheel dimensions	127 × 63 × 32 mm
Weight inclusive of grinding wheel	18.5 kg
Cutting-edge radius	80 mm
Cutting-edge angle	110°

PART. NO FOR MACHINES

Grinder, air powered 796-5300

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

Grinding wheel for dry grinding 797-1227-15
 Protective goggles 797-5771
 T-hexagon wrench 797-5766-06
 Support bracket 797-5289

ACCESSORIES (OPTIONAL)

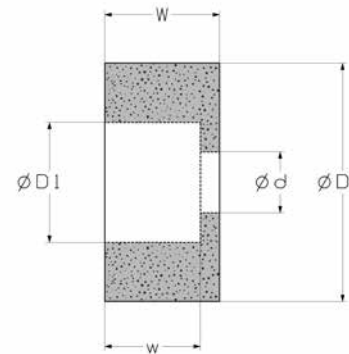
Grinding wheel (dry grinding) 797-1227-15
 Grinding wheel (wet grinding) 797-1227-10
 Kit for grinding plug hole drill steels 797-5489-50
 In line oiler 797-5747-50
 Mounting bracket (for drill rig) 797-5330-91
 Support for integral steels 797-5330-92
 Grinding template for chisel bit 795-1343
 Grinding template for plug hole steels 795-1336

RECOMMENDED LUBRICANTS

Air tool oil, 1 liter 797-5870-90
 Grease, 0.42 kg cartridge 797-5773-22

GRINDING WHEEL DIMENSIONS

D = 127 mm
 W = 63 mm
 d = 32 mm
 D1 = 80 mm
 w = 50 mm

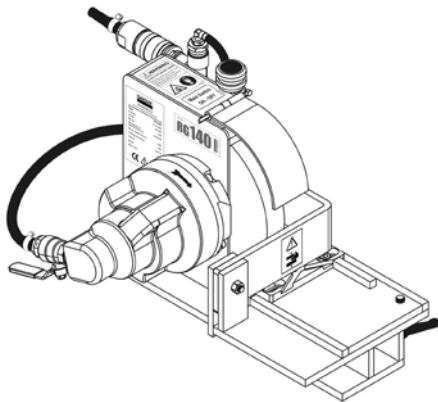


INTEGRAL STEEL GRINDER AND CROSS GRINDER

RG140P

GRINDING APPLICATIONS

Basic pneumatic grinder intended for frontal and gauge grinding of integral steels (with straight grinding wheel) or cross and X-bits (with angled grinding wheel). The machine is suitable for bit sizes: Integral steels, all diameters. Cross bits Ø 33–43 mm.



Air pressure	Max 8 bar/min 6 bar
Air consumption	40–60 l/sec
Rated power (motor)	1.7 kW
Idling speed	3000 RPM
Hose connection:	
Air, air hose	12.5 mm (1/2")
Dimensions: H × W × D	505 × 276 × 326 mm
Grinding wheel dimensions:	
Grinding wheel, 132°	200 × 28 × 32 mm
Grinding wheel, straight	200 × 32 × 32 mm
Weight inclusive of grinding wheel	22 kg

PART. NO FOR MACHINES

Grinder, air powered 796-3800

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

Grinding wheel, for 90° cross bits
(bit size: Ø 33–43, for dry grinding) 797-1185-28*
Grinding wheel dresser 796-1858
Protective goggles 797-5771
T-hexagon wrench 797-5766-06
Dressing template for 4-inserts
(for 90° cross bits) 797-6035-06

ACCESSORIES

(NOT INCLUDED, TO BE ORDERED SEPARATELY)

Grinding wheel, straight for gauge grinding
(for dry grinding) 797-1101-32**
Grinding wheel, for 90° cross bits
(bit size: Ø 33–39, for dry grinding) 797-1101-25

ACCESSORIES (OPTIONAL)

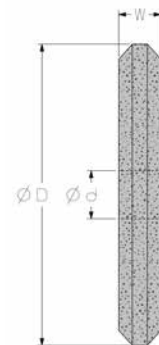
Spare rollers for wheel dresser 796-1867
In line oiler 797-5747-50
Mounting bracket (for drill rig) 797-5330-91

RECOMMENDED LUBRICANTS

Air tool oil, 1 liter 797-5870-90
Grease, 0.42 kg cartridge 797-5773-22

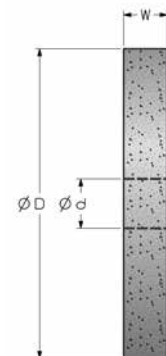
GRINDING WHEEL DIMENSIONS*

D = 200 mm
W = 28 mm
d = 32 mm



GRINDING WHEEL DIMENSIONS**

D = 200 mm
W = 32 mm
d = 32 mm

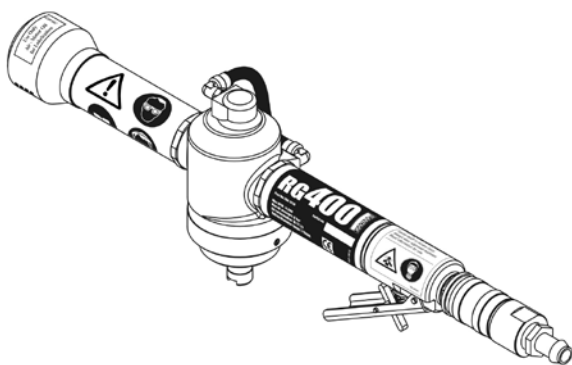


BUTTON BIT GRINDER

RG400

GRINDING APPLICATIONS

Handheld, lightweight, lower-powered pneumatic grinder intended for all kinds of button bits with max button size of 10 mm.



Air Supply pressure	Max 8 bar/min 6 bar
Air consumption	16–17 l/sec
Spindle speed	14000 RPM
Flushing air pressure	Max. 6 bar
Flushing water pressure	Max. 6 bar
Water consumption	5–6 l/min
Hose connections:	
Air, air hose	12.5 mm (1/2")
Water, water hose	6.3 mm (1/4")
Dimensions: H×W×D	156×533×84 mm
Weight	2.9 kg

PART. NO FOR MACHINES

Complete grinder 796-5116

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

O-ring	797-5888-24
Hose, 6/4 mm	797-5957-06
Connector, 6-1/4"	797-5899-13
Nylon packing, 1/4"	797-5934-13
House Nipple, 1/4" –R1/4"	797-5777-13
Plug 6, R9 6 mm	797-5769-06
Screw (to remove damper)	797-5463-31
Shock Absorber	797-5273-01

ACCESSORIES (OPTIONAL)

Tools for O-ring replacement	797-5452
In line oiler	797-5747-50
Cooling/tank unit, complete	797-5488-85
Grinding cups	see page in catalogue
Grinding template	see page in catalogue

RECOMMENDED LUBRICANTS

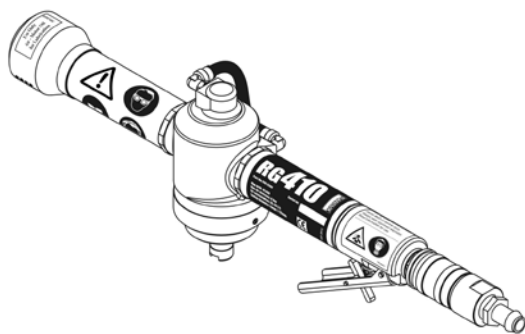
Air tool oil, 1 liter	797-5870-90
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BUTTON BIT GRINDER

RG410

GRINDING APPLICATIONS

Handheld, lightweight, higher-powered pneumatic grinder intended for all kinds of button bits.



Air Supply pressure	Max 8 bar/min 6 bar
Air consumption	40–55 l/sec
Spindle speed	19000 RPM
Flushing air pressure	Max. 6 bar
Flushing water pressure	Max. 6 bar
Water consumption	5–6 l/min
Hose connections:	
Air, air hose	12.5 mm (1/2")
Water, water hose	6.3 mm (1/4")
Dimensions: H×W×D	156×533×84 mm
Weight	2.9 kg

PART. NO FOR MACHINES

Complete grinder 796-5100

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

O-ring	797-5888-24
Hose, 6/4 mm	797-5957-06
Connector, 6-1/4"	797-5899-13
Nylon packing, 1/4"	797-5934-13
House Nipple, 1/4"-R1/4"	797-5777-13
Plug 6, R9 6 mm	797-5769-06
Screw (to remove damper)	797-5463-31
Shock Absorber	797-5273-01

ACCESSORIES (OPTIONAL)

Tools for O-ring replacement	797-5452
In line oiler	797-5747-50
Cooling/tank unit, complete	797-5488-85
Grinding cups	see page in catalogue
Grinding template	see page in catalogue

RECOMMENDED LUBRICANTS

Air tool oil, 1 liter	797-5870-90
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HANDHELD AND
SMALL HOLE DRILLING

FACE DRILLING
AND BOLTING

BENCH DRILLING

LONG-HOLE DRILLING

SHANK ADAPTERS

AUXILIARY TOOLS

GRINDING EQUIPMENT

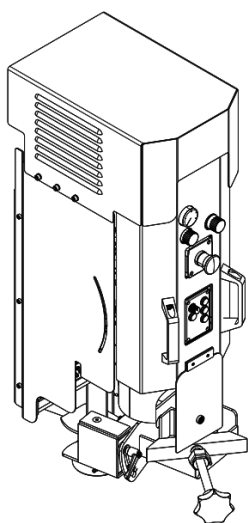
INFORMATION AND BIT
CLASSIFICATION GUIDE

BUTTON BIT GRINDER

RG420E

GRINDING APPLICATIONS

Stationary electrical grinder for workshops, or to be mounted onto drill rigs. Intended for all kinds of button bits. Bit holder suitable for diameters of up to Ø 122 mm: Top hammer (TH) button bits (normal skirt) up to Ø 152 mm, TH button bits (Retrac skirt) up to Ø 127 mm and down the hole button bits up to Ø 220 mm (max. shank Ø 110 mm and max. head length 110 mm).



Air Supply pressure	Max 10 bar/min 6 bar
Air consumption	0.5–3 l/sec
Water Supply pressure	Max 8 bar/min 3.5 bar
Water consumption (cooling tank)	2–4 l/min
Water consumption (pump)	0.2–1 l/min
Coolant/flushing medium	Water
Rated power (motor)	1.5 kW
Air connection, air hose	9.5 mm (3/8")
Water connection, water hose	9.5 mm (3/8")
Dimensions: H × W × D	730 × 390 × 390 mm
Weight	45 kg

PART. NO FOR MACHINES

Grinder with cover	796-6215-XX*
Grinder with pump and cover	796-6265-XX*

*For two last digits, see table below, under "Code"

VOLTAGE/PHASE ALT.

Voltage	Phases	Hz	Code
220–240 V	1	50/60 Hz	50
380–420 V	3	50/60 Hz	52
220–240 V	3	50/60 Hz	59
440 V	3	60 Hz	63

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

Bit insert	797-5502-26
O-ring for Grinding cup	797-5888-24
Assembly tools for O-ring replacement	797-5452
Lock plate	797-5502-39
Spindle tool 9 mm	797-5464-07
Grease gun	797-5870-20

ACCESSORIES (OPTIONAL)

Grinding cups	see page 113
Bit Mandrels	797-5348-XX**
**23 = R23, 25 = R25, 28 = R28, 32 = R32, 33 = R33, 35 = R35, 38 = R28/T38, 45 = T45, 51 = T51, 58 = ST58, 60 = GT60, 68 = ST68	
Example: Bit mandrel R32 = 797-5348-32	

Grinding cups	see page in catalogue
Grinding template	see page in catalogue

SPARE PART KITS

Complete Grinding head (13000 r.p.m, including flushing head)	797-5130/1
All bearings, seals and screws for grinding head	797-5463-05
Outer Spindle (for Flushing head)	797-5464-02
Small kit for flushing head	797-5464-44
Big kit for flushing head	797-5464-59

RECOMMENDED LUBRICANTS

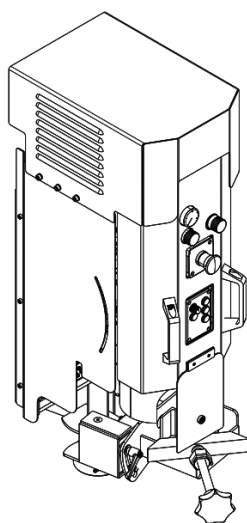
Gear oil, 1 liter	797-5870-15
Air tool oil, 1 liter	797-5870-90
Grease, 0.42 kg cartridge	797-5773-22

BUTTON BIT GRINDER

RG420H

GRINDING APPLICATIONS

Stationary hydraulic grinder for workshops, or to be mounted onto drill rigs. Intended for all kinds of button bits. Bit holder holds diameters up to Ø 122 mm: Top hammer (TH) button bits (normal skirt) up to Ø 152 mm, TH button bits (Retrac skirt) up to Ø 127 mm and down the hole button bits up to Ø 165 mm (max. shank Ø 110 mm and max. head length 110 mm).



Air Supply pressure	Max 10 bar/min 6 bar
Air consumption	0.5–3 l/sec
Water Supply pressure	Max 8 bar/min 3.5 bar
Water consumption (cooling tank)	2–4 l/min
Water consumption (pump)	0.2–1 l/min
Coolant/flushing medium	Water
Rated power (motor)	2.8–4 kW
Air connection, air hose	9.5 mm (3/8")
Water connection, water hose	9.5 mm (3/8")
Hydraulic connection, hydraulic hose	R3/8" female thread
Dimensions: H × W × D	730 × 390 × 390 mm
Weight	40 kg
Electricity supply	24V DC, 5A
Hydraulic Supply pressure	Max 200 bar/Min 140 bar
Hydraulic-oil flow	12 l/min

PART. NO FOR MACHINES

Grinder with cover	796-6235
Grinder with pump and cover	796-6285
Grinder with tank and cover	796-6236

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

Bit insert	797-5502-26
O-ring for Grinding cup	797-5888-24
Assembly tools for O-ring replacement	797-5452
Lock plate	797-5502-39
Spindle tool 9 mm	797-5464-07
Grease gun	797-5870-20

ACCESSORIES (OPTIONAL)

Bit Mandrels	797-5348-XX**
**23 = R23, 25 = R25, 28 = R28, 32 = R32, 33 = R33,	
35 = R35, 38 = R28/T38, 45 = T45, 51 = T51,	
58 = ST58, 60 = GT60, 68 = ST68	
Example: Bit mandrel R32 = 797-5348-32	

Grinding cups	see page in catalogue
Grinding template	see page in catalogue

SPARE PART KITS

Complete Grinding head	797-5130/1
(13000 RPM, including flushing head)	
All bearings, seals and screws	
for grinding head	797-5463-05
Outer Spindle (for Flushing head)	797-5464-02
Small kit for flushing head	797-5464-44
Big kit for flushing head	797-5464-59

RECOMMENDED LUBRICANTS

Gear oil, 1 liter	797-5870-15
Air tool oil, 1 liter	797-5870-90
Grease, 0.42 kg cartridge	797-5773-22

HANDHELD AND
SMALL HOLE DRILLING

FACE DRILLING
AND BOLTING

BENCH DRILLING

LONG-HOLE DRILLING

SHANK ADAPTERS

AUXILIARY TOOLS

GRINDING EQUIPMENT

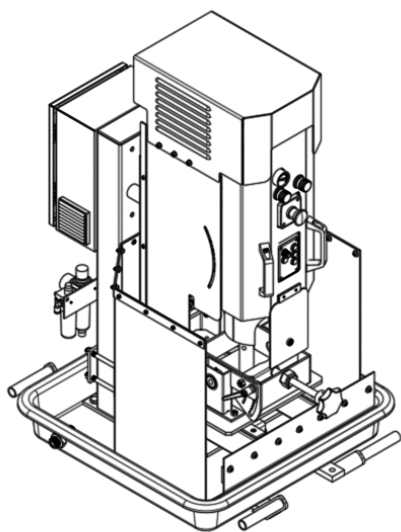
INFORMATION AND BIT
CLASSIFICATION GUIDE

BUTTON BIT GRINDER

RG440

GRINDING APPLICATIONS

Stationary electrical grinder for workshops. Intended for all top hammer (TH) button bits. Bit holder suitable for Bits with diameters of up to Ø 102 mm: TH button bits (normal skirt) up to Ø 152 mm, TH button bits (retrac skirt) up to Ø 102 mm.



Air Supply pressure	Max 10 bar/min 6 bar
Air consumption	0.5–3 l/sec
Water Supply pressure	Max 8 bar/min 3 bar
Water consumption	0.2–1 l/min
Coolant/flushing medium	Water
Rated power (motor)	1.5 kW
Air connection, air hose	9.5 mm (3/8")
Water connection, water hose	9.5 mm (3/8")
Dimensions: H × W × D	750 × 670 × 795 mm
Weight	95 kg

PART. NO FOR MACHINES

Grinder with cover 796-6005-XX*
Grinder with pump and cover 796-6055-XX*

*For two last digits, see table below, under "Code"

VOLTAGE/PHASE ALT.

Voltage	Phases	Hz	Code
220–240 V	1	50/60 Hz	50
380–420 V	3	50/60 Hz	52
220–240 V	3	50/60 Hz	59
440 V	3	60 Hz	63

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

T38/R38 Bit Mandrel	797-5348-38
O-ring for Grinding cup	797-5888-24
Assembly tools for O-ring replacement	797-5452
Lock plate	797-5502-39
Spindle tool 9 mm	797-5464-07
Grease gun	797-5870-20

ACCESSORIES (OPTIONAL)

Bit Mandrels 797-5348-XX**

**23 = R23, 25 = R25, 28 = R28, 32 = R32, 33 = R33,
35 = R35, 38 = R28/T38, 45 = T45, 51 = T51, 58 = ST58,
60 = GT60, 68 = ST68

Example: Bit mandrel R32 = 797-5348-32

Grinding cups see page in catalogue
Grinding template see page in catalogue

SPARE PART KITS

Complete Grinding head (8000 r.p.m.) including flushing head non-lubrication	797-5140/1
All bearings, seals and screws for grinding head	797-5463-05
Outer Spindle (for flushing head)	797-5464-02
Small kit for flushing head	797-5464-441
	797-5464-452
Big kit for flushing head	797-5464-591
	797-5464-602

1 = Non lubrication
2 = Lubrication

RECOMMENDED LUBRICANTS

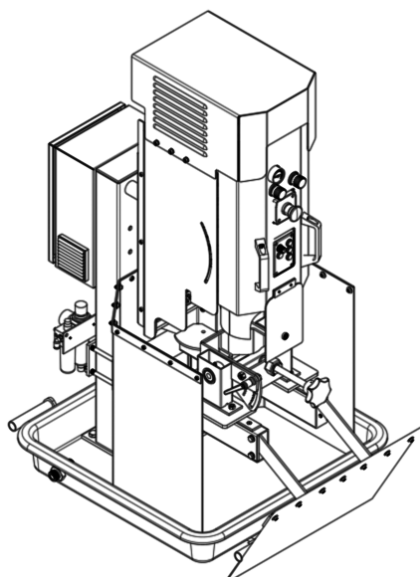
Gear oil, 1 litre	797-5870-15
Air tool oil, 1 litre	797-5870-90
Grease, 0.42 kg cartridge	797-5773-22

BUTTON BIT GRINDER

RG460

GRINDING APPLICATIONS

Stationary electrical grinder for workshops. Intended for all down the hole (DTH) button bits. Bit holder suitable for diameters up to Ø 106 mm: DTH button bits up to Ø 178 mm (max. shank Ø 106 mm and max. head length 92 mm).



Air Supply pressure	Max 10 bar/min 6 bar
Air consumption	0.5–3 l/sec
Water Supply pressure	Max 8 bar/min 3 bar
Water consumption	0.2–1 l/min
Coolant/flushing medium	Water
Rated power (motor)	1.5 kW
Air connection, air hose	9.5 mm (3/8")
Water connection, water hose	9.5 mm (3/8")
Dimensions: H × W × D	990 × 670 × 795 mm
Weight	95 kg

PART. NO FOR MACHINES

Grinder with cover	796-6105-XX*
Grinder with pump and cover	796-6155-XX*

*For two last digits, see table below, under "Code"

VOLTAGE/PHASE ALT.

Voltage	Phases	Hz	Code
220–240 V	1	50/60 Hz	50
380–420 V	3	50/60 Hz	52
220–240 V	3	50/60 Hz	59
440 V	3	60 Hz	63

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

T38/R38 Bit Mandrel	797-5348-38
O-ring for Grinding cup	797-5888-24
Assembly tools for O-ring replacement	797-5452
Lock plate	797-5502-39
Spindle tool 9 mm	797-5464-07
Grease gun	797-5870-20
Insert plate DTH, 3"	797-5503-73
Insert plate DTH, 4"	797-5503-74
Insert plate DTH, 5"	797-5503-75
Insert plate DTH, 6"	797-5503-76

ACCESSORIES (OPTIONAL)

Grinding cups	see page in catalogue
Grinding template	see page in catalogue

SPARE PART KITS

Complete Grinding head (8000 RPM including flushing head non-lubrication)	797-5140/1
All bearings, seals and screws for grinding head	797-5463-05
Outer Spindle (for flushing head)	797-5464-02
Small kit for flushing head	797-5464-44 ¹
	797-5464-45 ²
Big kit for flushing head	797-5464-59 ¹
	797-5464-60 ²

1 = Non lubrication
2 = Lubrication

RECOMMENDED LUBRICANTS

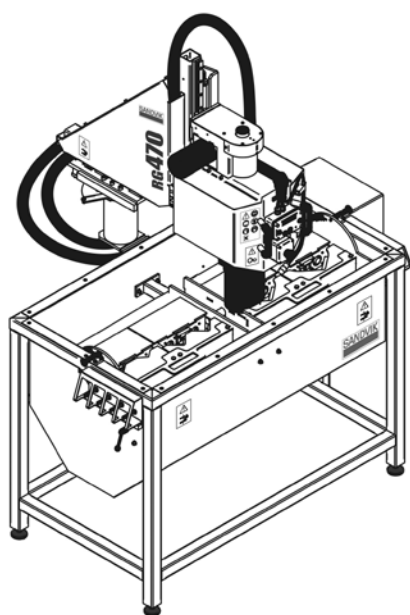
Gear oil, 1 liter	797-5870-15
Air tool oil, 1 liter	797-5870-90
Grease, 0.42 kg cartridge	797-5773-22

BUTTON BIT GRINDER

RG470

GRINDING APPLICATIONS

Highly efficient stationary electrical grinder for workshops. Intended for all button bits. Top Hammer (TH) bits Ø 28 mm (bit length > 65 mm) up to Ø 152 mm, and down the hole (DTH) bits Ø 90 mm up to Ø 270 mm.



Air Supply pressure	Max 10 bar/min 6 bar
Air consumption	0.5–2 l/sec
Water Supply pressure	Max 8 bar/min 3.5 bar
Water consumption	1 l/min
Coolant/flushing medium	Water
Rated power (grinding motor)	3 kW
Air connection, air hose	9.5 mm (3/8")
Water connection, water hose	9.5 mm (3/8")
Dimensions: H × W × D	2000 × 1800 × 1100 mm
Weight	350 kg

PART. NO FOR MACHINES

Grinder 796-6700-XX*

*For two last digits, see table below, under "Code".

Note: drill bit support are not included in grinder.
Parts must be ordered separately.

VOLTAGE/PHASE ALT.

Voltage	Phases	Hz	Code
380–420 V	3	50/60 Hz	52
220–240 V	3	50/60 Hz	59

ACCESSORIES (INCLUDED IN MACHINE DELIVERY)

O-ring for Grinding cup	797-5888-24
Assembly tools for O-ring replacement	797-5452
Spindle tool 9 mm	797-5464-17
Grease gun	797-5870-07

ACCESSORIES (NOT INCLUDED, TO BE ORDERED SEPARATELY)

Drill Bit support, appr. skirt Ø = 30–75 mm	797-5552-19*
Drill Bit support, appr. skirt Ø = 75–120 mm	797-5552-14**
Drill Bit support, appr. skirt Ø = 120–150 mm	797-5552-25***

ACCESSORIES (OPTIONAL)

Grinding cups	see page in catalogue
Grinding template	see page in catalogue

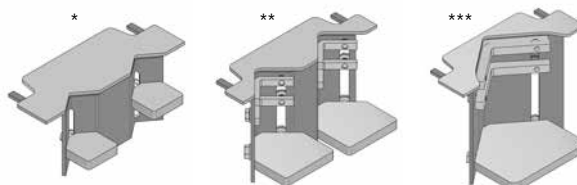
SPARE PART KITS

Outer Spindle (for flushing head)	797-5464-02
Small kit for flushing head	797-5464-44 ¹
	797-5464-45 ²
Big kit for flushing head	797-5464-59 ¹
	797-5464-60 ²

1 = Non lubrication
2 = Lubrication

RECOMMENDED LUBRICANTS

Air tool oil, 1 liter	797-5870-90
Grease, 0.42 kg cartridge	797-5773-22

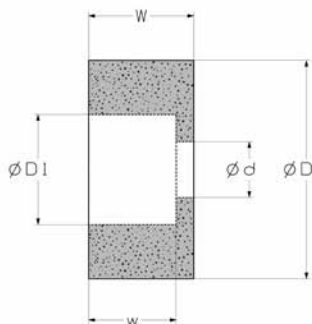




INFORMATION AND BIT CLASSIFICATION GUIDE	GRINDING EQUIPMENT	AUXILIARY TOOLS	SHANK ADAPTERS	LONG-HOLE DRILLING	BENCH DRILLING	FACE DRILLING AND BOLTING	HANDHELD AND SMALL HOLE DRILLING
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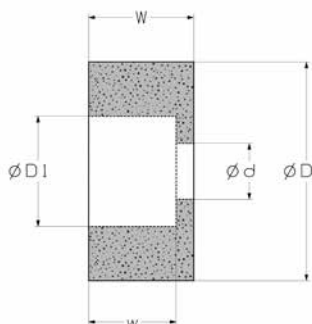
GRINDING WHEELS

GRINDING WHEELS FOR RG100P, RG100H, RG120P AND RG120E



127	63	32	80	50	dry or wet grinding	797-1227-15
127	63	32	80	50	wet grinding	797-1227-10
150	83	63.5	100	64	wet grinding	797-1252-10

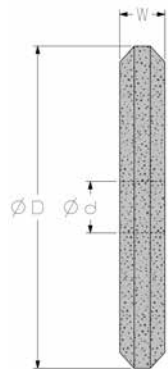
GRINDING WHEELS FOR SECOROC: JUNIOR AND SENIOR, ATLAS COPCO: TEROC 1500/1501



200	102	32	150	80	wet grinding	797-1250-10
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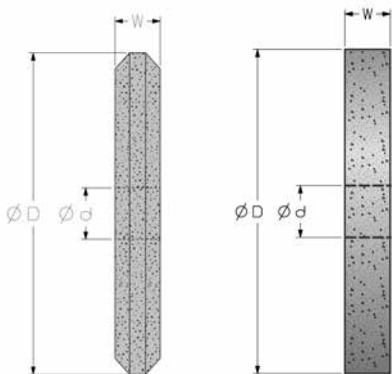
GRINDING WHEELS

GRINDING WHEELS FOR RG300, RG320, RG340 AND RG360



90°, Cross bits	33–35	132°	300	23	32	wet grinding	797-1190-23
90°, Cross bits	43–45	132°	300	29	32	wet grinding	797-1190-29
90°, Cross bits	48–51	132°	300	32	32	wet grinding	797-1190-32

GRINDING WHEELS FOR RG140



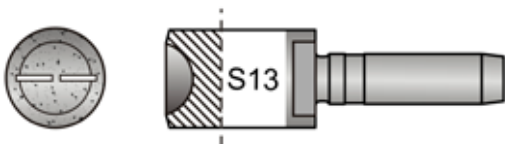
90°, Cross bits	33–39	132°	200	25	32	dry grinding	797-1101-25
90°, Cross bits	33–43	132°	200	28	32	dry grinding	797-1185-28
Straight wheel for gauge grinding			200	32	32	dry grinding	797-1101-32

GRINDING CUPS

GRINDING CUPS FOR RG400, RG410, RG420, RG440, RG460 AND RG470 GRINDERS

SANCUP SUPER (S)

Grinding cups for redressing spherical (and super-spherical) buttons. Shank Ø 9 mm.



* = straight water flushing slots

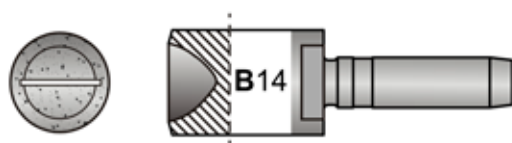


** = three water flushing slots

7 mm	797-5120-07*
8 mm	797-5120-08*
9 mm	797-5120-09*
10 mm	797-5120-10*
11 mm	797-5120-11*
12 mm	797-5120-12**
13 mm	797-5120-13**
14 mm	797-5120-14**
16 mm	797-5120-16**
18 mm	797-5120-18**

SANCUP SUPER (B)

Grinding cups for redressing semi ballistic buttons. Shank Ø 9 mm.



* = straight water flushing slots

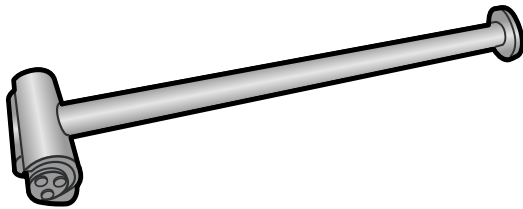


** = three water flushing slots

7 mm	797-5121-07*
8 mm	797-5121-08*
9 mm	797-5121-09*
10 mm	797-5121-10*
11 mm	797-5121-11**
12 mm	797-5121-12**
13 mm	797-5121-13**
14 mm	797-5121-14**
16 mm	797-5121-16**
18 mm	797-5121-18**

GRINDING ACCESSORIES

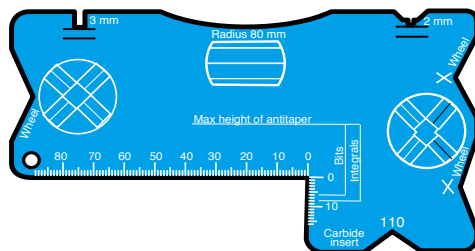
WHEEL DRESSER



¹⁾ Included in a complete unit.

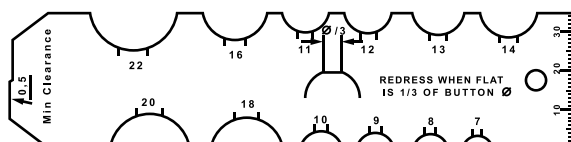
Wheel dresser, complete	796-1858
Shaft (1 pcs) ¹⁾	796-1862
Bearing bushing (2 pcs) ¹⁾	796-1863
Screw (6 pcs) ¹⁾	796-1865
Cover (2 pcs) ¹⁾	796-1866
1 set of dresser rollers ¹⁾	796-1867

GRINDING TEMPLATES

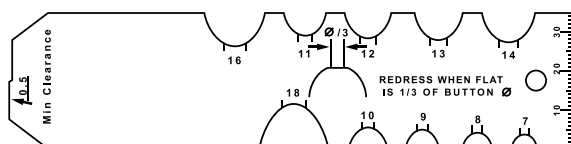


For integrals with cross bit/For cross and X-bits with diameter up to 115 mm/For integrals with chisel bit and motor drill steels.

Grinding template	795-1343
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Grinding template for spherical buttons.



Grinding template for semi ballistic buttons.

Grinding template, spherical buttons	795-1398
Grinding template, semi ballistic buttons	795-1397

BIT CLASSIFICATION – SYMBOL EXPLANATION



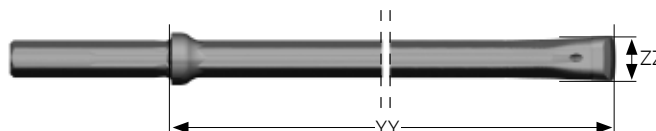
1. These bits are designed to deliver maximum penetration rates. They tend to work best in soft to medium-hard (up to 150 MPa) and non-abrasive rock formations.

3. These bits offer a balance between penetration rate and bit service life. They will drill fast, while still delivering rock tool economy in a wide range of rock conditions.

5. These bits are optimized to provide the best possible rock tool economy through long service life. This is especially true and important in hard and abrasive rock formations (above 20 percent silica).

CODE KEY INTEGRAL DRILL STEELS

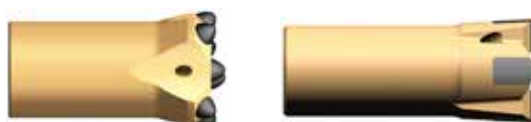
7XX-YYZZ-QQ



714 = 22×108 shank, Hex 22 chisel	YY = effective length in dm ZZ = insert diameter in mm	50 = insert height 17 mm 65 = insert height 19 mm
724 = 19×108 shank, Hex 19 chisel	YY = effective length in dm ZZ = insert diameter in mm	
728 = 22×108 shank, Hex 19 chisel	YY = effective length in dm ZZ = insert diameter in mm	

CODE KEY TAPERED BITS

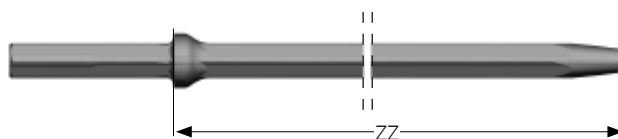
7XXX-YYZZ-QQ



7770 = 12 deg Long skirt	YY = 19, 3 gauge buttons	
7776 = 11 deg	YY = 44/52 Normal, 5 gauge buttons	(Q) = B ballistic buttons
7788 = 7 deg	YY = 54, 6 gauge buttons	
7795 = 12 deg Short skirt	YY = 64 Normal, 4 gauge buttons	QQ = 42 CC-grade 442 (inserts)
	YY = 90 Cross bit HD	QQ = 48 CC-grade XT48 (buttons)
	ZZ = Bit diameter in mm	

CODE KEY TAPERED RODS

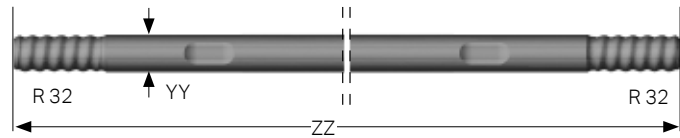
7XXX-YYZZ-QQ



7870 = 12 deg	YY = 11 HF hardened, Sanbar 20	11 = no packing
7876 = 11 deg	YY = 51 HF hardened, Sanbar 61	
7888 = 7 deg	YY = 61 Carburized, Sanbar 64	
	ZZ = effective length in dm	

CODE KEY EXTENSION RODS

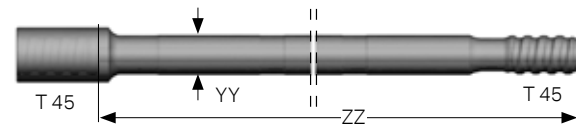
7XXX-YYZZ-QQ



7851 = R22	YY = 13 Hex 22	20 = Carburized
7852 = R25	YY = 23 Hex 25	30 = HF-hardened
7853 = R32	YY = 33 Round 33	
7854 = R38	YY = 43 Round 39	
7857 = R23	ZZ = effective length in dm	
7324 = T38	YY = 43 Round 39	20 = Carburized
7325 = T45	YY = 73 Round 46	30 = HF-hardened
7326 = T51	YY = 53 Round 52	
	ZZ = effective length in dm	

CODE KEY MF RODS

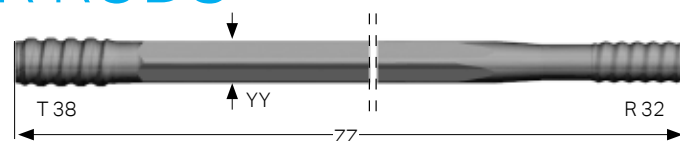
7XXX-YYZZ-QQ



7853 = R32	YY = 48 Hex 22	20 = Carburized
7857 = R23	YY = 51 Round 32	
	ZZ = approximate length in dm	
7324 = T38	YY = 47 Round 39	20 = Carburized
7325 = T45	YY = 77 Round 46	70 = Sandvik Tough
7326 = T51	YY = 55 Round 52	80 = +Range
7327 = T35	YY = 11 Round 60	
7610 = GT60	YY = 14 Round 60, for 92 mm bits	
	ZZ = effective length in dm	

CODE KEY DRIFTER RODS

7XXX-YYZZ-Q



	Code	Steel Section	Bit thread	
7853 = R32 shank end	24	Hex 25	R25	20 = Carburized
7854 = R38 shank end	30	Hex 28	R25	
7324 = T38 shank end	76	Hex 28	R28	
7327 = T35 shank end	87	Hex 32	R28	
	65	MF-drifter Hex 35	R32	
	86	Hex 32	R32	
	96	Hex 35	R32	
	67	Hex 35	α330	
	70	Round 39	α330	
	72	Round 39	R35	
	85	Hex 35	R35	
	52	MF-drifter Round 39	R35	

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SHANK ADAPTERS

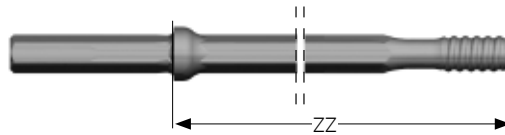
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7XXX – YYZZ – QQ



7801 = R22	Shank rods:	Shank rods:
7802 = R25	YY = 61 Hex 22	11 = shank H22×108, no packing
7803 = R32	YY = 71 Hex 25	21 = shank H25×159, no packing
	ZZ = effective length in dm	30 = shank H25×108, no packing
7807 = R23		
7859 = R28		

CODE KEY SHANK ADAPTERS

7XXX – YYZZ – QQ



7801 = R22	01, 02, 03, 05, 12 = separate flushing
7802 = R25	19 = 19 mm packing
7803 = R32	23 = 23 mm packing
7804 = R38	30 = 10 mm packing
7807 = R23	40 = 11 mm packing
7859 = R28	50 = 12,7 mm packing
7304 = T38	60/61 = 14 mm packing
7305 = T45	80 = 16 mm packing
7306 = T51	
7307 = T35	
7328 = ST58	
7329 = ST68	
7600 = GT60	

CODE KEY DRIFTER BITS

7XXX – YYZZ – (Q) QQ



7731 = R22	YY = 10 Cross bit Normal	(Q) = S spherical buttons
7732 = R25	YY = 13/14 Cross bit HD	(Q) = R ballistic buttons
7733 = R32	YY = 16 Normal bit with 6 gauge buttons	(Q) = C conical buttons
7737 = R23	YY = 44 Normal bit 5 gauge buttons	
7738 = R35	YY = 52 HD bit 5 gauge buttons	QQ = 11 CC-grade 411 (inserts)
7739 = R28	YY = 53 Normal bit 6 gauge buttons	QQ = 42 CC-grade 442 (inserts)
7764 = α250	YY = 54 Normal bit 6 gauge buttons	QQ = 48 CC-grade XT48 (buttons)
7767 = α330	YY = 55 Normal bit 6 gauge buttons	QQ = 55 CC-grade DP55 (buttons)
	ZZ = Bit diameter in mm	QQ = 65 CC-grade DP65 (buttons)

CODE KEY BIG THREADED BITS

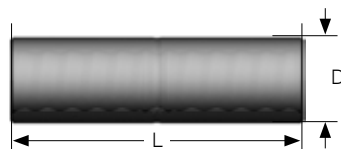
7XXX – YYZZ – (Q) QQ



7734 = R38	YY = 16 HD bit 6 gauge buttons	(Q) = S spherical buttons
7514 = T38	YY = 18 HD bit 8 gauge buttons	(Q) = R ballistic buttons
7515 = T45	YY = 19 HD bit 9 gauge buttons	(Q) = C conical buttons
7516 = T51	YY = 26 Button bit Normal	QQ = 11 CC-grade 411 (inserts)
7517 = T35	YY = 38 Button bit HD	QQ = 42 CC-grade 442 (inserts)
7620 = GT60	YY = 40 HD X-bit	QQ = 48 CC-grade XT48 (buttons)
	YY = 46 HD Retractable bit 6 gauge buttons	QQ = 55 CC-grade DP55 (buttons)
	YY = 48 HD Retractable bit 8 gauge buttons	QQ = 60 CC-grade (conical buttons)
	YY = 49 HD Retractable bit 9 gauge buttons	QQ = 65 CC-grade DP65 (buttons)
	YY = 78 Retractable bit with buttons	
	YY = 55	
	YY = 75	
	ZZ = Bit diameter in mm	

CODE KEY COUPLINGS

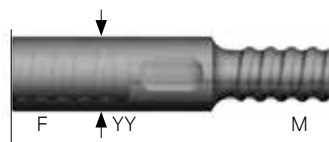
7XXX – YYZZ



7991 = R22	YY = 04 R28 adapter thread
7992 = R25	YY = 20 Tough hardened, same thread both ends, no middlestop
7993 = R32	YY = 24 R25 adapter thread
7994 = R38	YY = 33 Tough hardened, same thread both ends, with middlestop
7314 = T38	YY = 34 R32 adapter thread
7315 = T45	YY = 36 Carburized, same thread both ends, with middlestop
7316 = T51	YY = 44 R38 adapter thread
7317 = T35	YY = 41 T38 adapter thread
	YY = 62 T45 adapter thread
	YY = 35 R32 adapter thread, full bridge
	ZZ = Outer diameter in mm

CODE KEY BIT ADAPTERS

7XXX – YY01



7832 = R25 internal thread	YY = 33 R32 external thread
7833 = R32 internal thread	YY = 43 R38 external thread
7834 = R38 internal thread	YY = 44 T38 external thread
7837 = R23 internal thread	YY = 54 T45 external thread
7839 = R28 internal thread	YY = 64 T51 external thread
7334 = T38 internal thread	
7335 = T45 internal thread	
7336 = T51 internal thread	
7337 = T35 internal thread	

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