

Zhejiang Miningwell Supply Chain Management Co., Ltd.

7°, 11° and 12° Taper bit



D MININGWELL





COMPANY PROFILE



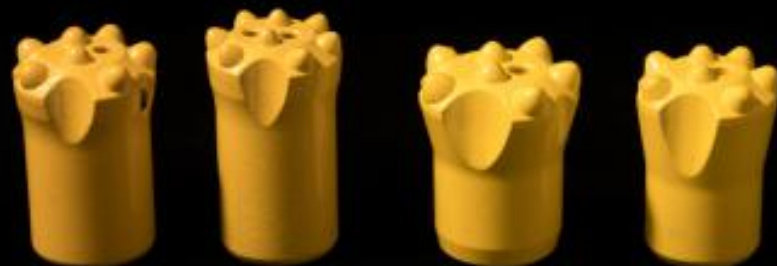
We are an experienced manufacturer of rock drilling equipment and related drilling tools. Our rock drills, down-the-hole drills, top hammer drills, rotary drilling rigs, and water well drilling rigs are exported to overseas markets and are widely used in bridge infrastructure, tunnel excavation, mining, water well construction and urban transportation construction.

In the mean time, we are also an established engineering solutions provider offer products and services that make global trade faster, smarter and more sustainable. The name for D Mingwell, within the industry, provides customers with comprehensive solutions.






D Mingwell working closely with strategic Partners to deliver flexible solutions for projects in accordance with client's requirement. Our Strategic partner's team of engineers and consultants have many decades of experience in the Oil & Gas, bridge infrastructure, tunnel excavation, mining and other construction industries.




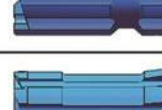












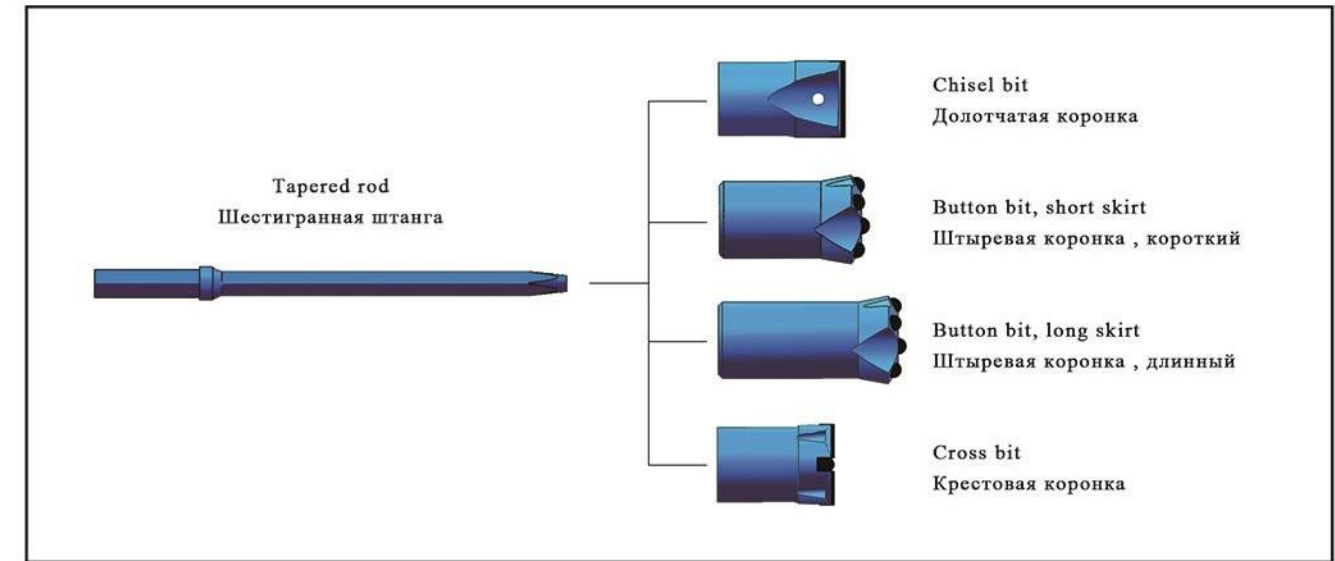
| Button type Дизайн | Applications приложения |
|---|--|
| <p>Spherical button Сферические вставки</p>  | <p>Universal button Wearing resistance good Best suited to hard ground 27,000-48,000 PSI (180 to 320 Mpa) Abrasive to very abrasive</p> <p>Отличительная черта – универсальность очень абразивных пород Применимая жесткая порода С пределом прочности от 180 до 320 МПа Бурение абразивных и очень абразивных пород</p> |
| <p>Hemispherical button Полусферические вставки</p>  | <p>Universal button Wearing resistance good Best suited to hard ground 25,000-48,000 PSI (170 to 300 Mpa) Abrasive to very abrasive</p> <p>Отличительная черта – универсальность очень абразивных пород Применимая жесткая порода С пределом прочности от 170 до 300 МПа Бурение абразивных и очень абразивных пород</p> |
| <p>Parabolic button Параболические вставки</p>  | <p>Universal button Fast penetration Best suited to medium to hard rock 15,000-25,000 PSI (100 to 170 Mpa) Mildly abrasive ground</p> <p>Отличительная черта – универсальность высокая механическая скорость бурения Применимая средняя порода С пределом прочности от 100 до 170 МПа</p> |
| <p>Conical button Конические вставки</p>  | <p>Fast penetration Best suited for smaller diameter bits Suited for all non-abrasive ground types</p> <p>высокая механическая скорость бурения Наилучшим образом подходит для малых диаметров коронок Применимо к некоррозионным породам</p> |
| <p>Ballistic button Баллистические вставки</p>  | <p>Fast penetration Best suited to soft rock 10,000-20,000 PSI (70 to 140 Mpa) Non-abrasive ground</p> <p>высокая механическая скорость бурения Применимая мягкая порода С пределом прочности от 70 до 140 МПа Применимо к некоррозионным породам</p> |

| Face Дизайн | Applications приложения |
|--|--|
| <p>Spherical button Штыревая коронка, короткий</p>  | <p>For H22 drill rod Для 22мм /25мм буровой штанги</p> |
| <p>Button bit, long skirt Штыревая коронка, длинный</p>  | <p>For H22 drill rod Для 22мм/25мм буровой штанги</p> |
| <p>Button bit Штыревая коронка</p>  | <p>General purpose bit Коронка для общего назначения</p> |
| <p>Retrac button bit, long skirt Штыревая коронка с юбкой ,длинный</p>  | <p>Design to provide easy removal and completion of bit in adverse hole conditions Такая конструкция юбки позволяет легко извлекать инструмент из скважины для работы в неблагоприятных условиях</p> |
| <p>Retrac button bit, short skirt Штыревая коронка с юбкой ,короткий</p>  | <p>Design to provide easy removal and completion of bit in adverse hole conditions Такая конструкция юбки позволяет легко извлекать инструмент из скважины для работы в неблагоприятных условиях</p> |
| <p>Flat face Плоская грань</p>  | <p>General purpose bit Suited for medium to hard rock Коронка для общего назначения Применимая средняя порода</p> |
| <p>Drop center Падение центра</p>  | <p>Straight hole application Suited for medium to hard rock Применение прямого отверстия Применимая средняя порода</p> |
| <p>New drop center Полувогнутый центр</p>  | <p>Straight hole application Suited for medium to hard rock Применение прямого отверстия Применимая средняя порода</p> |

| 19mm | Length Длина | | Bit Dia. Диаметр | Weight approx. Kg Вес кг | P/N Код |
|---|--------------|------------------|---------------------|--------------------------|------------------|
| | mm | Foot Фут | | | |
| Chisel bit integral Интегральная штанга 19mm x 108mm Shank Хвостовик | 400 | 1'4" | 29 | 1.3 | H19-291508-0400 |
| | 800 | 2'7" | 28 | 2.2 | H19-281508-0800 |
| | 1200 | 3'11" | 27 | 3.0 | H19-271508-1200 |
| | 2400 | 7'10" | 26 | 5.7 | H19-261508-2400 |
| | 3200 | 10'6" | 25 | 7.5 | H19-251508-3200 |
| | 400 | 1'4" | 24 | 1.3 | H19-241508-0400 |
| | 600 | 2' | 27 | 1.7 | H19-271508-0600 |
| | 800 | 1'4" | 35 | 1.3 | H19-351810-0400 |
| | 800 | 2'7" | 34 | 2.2 | H19-341810-0800 |
| Chisel bit integral Интегральная штанга Shank Хвостовик 22mm x 108mm | 400 | 1'4" | 29 | 1.5 | H19-291508-0400 |
| | 600 | 2' | 27 | 1.7 | H19-271508-0600 |
| | 800 | 2'7" | 23 | 2.3 | H19-231508-0800 |
| | 800 | 2'7" | 28 | 2.3 | H19-281508-0800 |
| | 1200 | 3'11" | 23 | 3.2 | H19-231508-1200 |
| | 1600 | 5'3" | 27 | 4.0 | H19-271508-1600 |
| | 2000 | 6'7" | 28 | 5.0 | H19-281508-2000 |
| | 2400 | 7'10" | 26 | 5.8 | H19-261508-2400 |
| | 3200 | 10'6" | 25 | 7.5 | H19-251508-3200 |
| Plug hole integral steels Интегральная буровая штанга Shank Хвостовик 19mm x 108mm | Length Длина | Bit Dia. Диаметр | Turned length Длина | Weight approx. Kg Вес кг | P/N Код |
| | 210 | 17 | 150 | 0.7 | 5H19-171308-0210 |
| | 210 | 20 | 150 | 0.7 | 5H19-201308-0210 |
| | 210 | 22 | 150 | 0.7 | 5H19-221308-0210 |
| Shank Хвостовик 19mm x 82mm | 210 | 20 | 150 | 0.7 | 5H19-201308-0210 |
| | 210 | 22 | 150 | 0.7 | 5H19-221308-0210 |

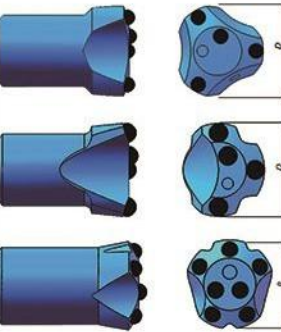

| 22mm | Length Длина | | Bit Dia. Диаметр | Weight approx. Kg Вес кг | P/N Код |
|---|--------------|----------|------------------|--------------------------|------------------|
| | mm | Foot Фут | | | |
| Chisel bit integral Интегральная штанга Shank Хвостовик 22mm x 108mm | 5600 | 18'4" | 28 | 17.6 | 5H22-281508-5600 |
| | 6400 | 21' | 27 | 20.1 | 5H22-271508-6400 |
| | 7200 | 23'6" | 26 | 22.5 | 5H22-261508-7200 |
| | 800 | 2'7" | 40 | 3.0 | 5H22-401810-0800 |
| | 1600 | 5'3" | 39 | 5.2 | 5H22-391810-1600 |
| | 2400 | 7'10" | 38 | 8.0 | 5H22-381810-2400 |
| | 3200 | 10'6" | 37 | 10.2 | 5H22-371810-3200 |
| | 4000 | 13'1" | 36 | 12.9 | 5H22-361810-4000 |
| | 4800 | 15'9" | 35 | 15.1 | 5H22-351810-4800 |
| | 5600 | 18'4" | 34 | 17.6 | 5H22-341810-5600 |
| | 6400 | 21' | 33 | 20.1 | 5H22-331810-6400 |
| | 7200 | 23'6" | 32 | 22.5 | 5H22-321808-7200 |
| | 8000 | 26'2" | 31 | 25.0 | 5H22-311808-8000 |

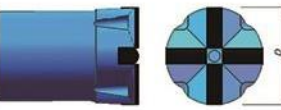
7°



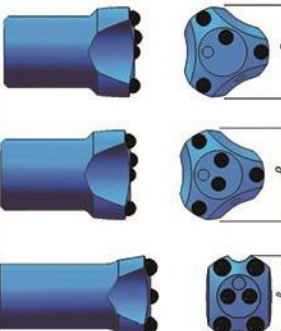

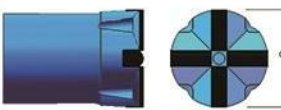
| Drill bit Буровая коронка | Diameter Диаметр | | For class of clock Крепость | Tip size(mm) Вставки | Weight approx Kg Вес кг | P/N Код |
|--|------------------|--------------|--------------------------------|------------------------------------|----------------------------|---------------------|
| | mm | Inch Дюйм | | Height x Width Высота x Толщина | | |
| Horseshoe chisel bit Долотчатая коронка | 26 | 1 1/32 | 10-14 | 10 x 7 | 0.17 | 1111-26721-10/7 |
| | 28 | 1 7/64 | 10-14 | 10 x 7 | 0.18 | 1111-28721-10/7 |
| | 30 | 1 3/16 | 8-12 | 13.5 x 8 | 0.22 | 1111-30722-13.5/8 |
| | 30 | 1 3/16 | 10-14 | 13.5 x 8 | 0.22 | 1111-30722-13.5/8 |
| | 32 | 1 1/4 | 8-12 | 13.5 x 8 | 0.24 | 1111-32722-13.5/8 |
| | 32 | 1 1/4 | 10-14 | 13.5 x 8 | 0.24 | 1111-32722-13.5/8 |
| | 34 | 1 11/32 | 8-12 | 13.5 x 8 | 0.27 | 1111-34722-13.5/8 |
| | 34 | 1 11/32 | 10-14 | 13.5 x 8 | 0.27 | 1111-34722-13.5/8 |
| | 36 | 1 27/64 | 8-12 | 13.5 x 8 | 0.30 | 1111-36722-13.5/8 |
| | 36 | 1 27/64 | 10-14 | 13.5 x 8 | 0.30 | 1111-36722-13.5/8 |
| | 38 | 1 1/2 | 8-12 | 13.5 x 8 | 0.33 | 1111-38723-13.5/8 |
| | 38 | 1 1/2 | 10-14 | 13.5 x 8 | 0.33 | 1111-38723-13.5/8 |
| | 38 | 1 1/2 | 8-12 | 15 x 9 | 0.33 | 1111-38723-15/9 |
| | 38 | 1 1/2 | 10-14 | 15 x 9 | 0.33 | 1111-38723-15/9 |
| | 40 | 1 37/64 | 8-12 | 13.5 x 9.2 | 0.38 | 1111-40723-13.5/9.2 |
| | 40 | 1 37/64 | 10-14 | 13.5 x 9.2 | 0.38 | 1111-40723-13.5/9.2 |
| | 40 | 1 37/64 | 14-16 | 13.5 x 9.2 | 0.38 | 1111-40723-13.5/9.2 |
| | 40 | 1 37/64 | 16-18 | 13.5 x 9.2 | 0.38 | 1111-40723-13.5/9.2 |
| | 40 | 1 37/64 | 8-12 | 15 x 9.8 | 0.38 | 1111-40723-15/9.8 |
| | 40 | 1 37/64 | 10-14 | 15 x 9.8 | 0.38 | 1111-40723-15/9.8 |
| | 40 | 1 37/64 | 14-16 | 15 x 9.8 | 0.38 | 1111-40723-15/9.8 |
| | 40 | 1 37/64 | 16-18 | 15 x 9.8 | 0.38 | 1111-40723-15/9.8 |
| | 42 | 1 21/32 | 8-12 | 13.5 x 9.2 | 0.41 | 1111-42723-13.5/9.2 |
| | 42 | 1 21/32 | 10-14 | 13.5 x 9.2 | 0.41 | 1111-42723-13.5/9.2 |
| 42 | 1 21/32 | 14-16 | 13.5 x 9.2 | 0.41 | 1111-42723-13.5/9.2 | |
| 42 | 1 21/32 | 16-18 | 13.5 x 9.2 | 0.41 | 1111-42723-13.5/9.2 | |
| 42 | 1 21/32 | 8-12 | 15 x 9.8 | 0.41 | 1111-42723-15/9.8 | |
| 42 | 1 21/32 | 10-14 | 15 x 9.8 | 0.41 | 1111-42723-15/9.8 | |
| 42 | 1 21/32 | 16-18 | 15 x 9.8 | 0.41 | 1111-42723-15/9.8 | |
| 42 | 1 21/32 | 10-14 | 15 x 9.8 | 0.41 | 1111-42723-15/9.8 | |
| 43 | 1 11/16 | 8-12 | 13.5 x 9.2 | 0.42 | 1111-43723-13.5/9.2 | |
| 43 | 1 11/16 | 10-14 | 13.5 x 9.2 | 0.42 | 1111-43723-13.5/9.2 | |
| 43 | 1 11/16 | 8-12 | 15 x 9.8 | 0.42 | 1111-43723-15/9.8 | |
| 43 | 1 11/16 | 10-14 | 15 x 9.8 | 0.42 | 1111-43723-15/9.8 | |

7°

| Drill bit Буровая коронка | Diameter Диаметр | | No x button diameter вставки кол-во*диам. | | | Flushing hole Промывка | | Weight Approx. Kg Вес кг | P/N Код |
|---|---------------------|--------------|--|-----------------|---------------|---------------------------|----------------|-----------------------------------|-------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Button bit, short skirt Штыревая коронка, Короткий  | 32 | 1 1/4 | 1 X 8 | 3 X 8 | 35° | 1 | 1 | 0.24 | 1431-32722-18/38 |
| | 33 | 1 19/64 | 2 X 7 | 5 X 7 | 35° | 2 | 1 | 0.26 | 1431-32722-27/57 |
| | 34 | 1 11/32 | 2 X 7 | 4 X 7 | 40° | 1 | 1 | 0.29 | 1431-34722-27/47 |
| | 35 | 1 3/8 | 2 X 7 | 5 X 8 | 35° | 1 | 1 | 0.33 | 1431-35722-27/58 |
| | 36 | 1 27/64 | 1 X 8 | 3 X 9 | 40° | 1 | 1 | 0.37 | 1431-36722-18/39 |
| | 36 | 1 27/64 | 2 X 7 | 5 X 8 | 35° | 1 | 1 | 0.37 | 1431-36722-27/58 |
| | 38 | 1 1/2 | 1 X 8 | 3 X 9 | 35° | 1 | 1 | 0.38 | 1431-38723-18/39 |
| | 38 | 1 1/2 | 2 X 7 | 5 X 8 | 35° | 1 | 1 | 0.38 | 1431-38723-27/58 |
| | 38 | 1 1/2 | 2 X 7 | 5 X 9 | 40° | 2 | 1 | 0.38 | 1431-38723-27/59 |
| | 40 | 1 37/64 | 1 X 8 | 3 X 9 | 30° | 1 | 1 | 0.40 | 1431-40723-18/39 |
| | 40 | 1 37/64 | 1 X 9 | 3 X 10 | 30° | 1 | 1 | 0.40 | 1431-40723-19/310 |
| | 40 | 1 37/64 | 1 X 9 | 3 X 9 | 35° | 1 | 1 | 0.40 | 1431-40723-19/39 |
| | 40 | 1 37/64 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.40 | 1431-40723-27/59 |
| | 42 | 1 21/32 | 1 X 8 | 3 X 9 | 30° | 1 | 1 | 0.43 | 1431-42723-18/39 |
| | 42 | 1 21/32 | 1 X 9 | 3 X 10 | 30° | 1 | 1 | 0.43 | 1431-42723-19/310 |
| 42 | 1 21/32 | 1 X 9 | 3 X 9 | 35° | 1 | 1 | 0.43 | 1431-42723-19/39 | |
| 42 | 1 37/64 | 2 X 8 | 5 X 9 | 35° | 1 | 1 | 0.43 | 1431-42723-28/59 | |
| Button bit, short skirt Штыревая коронка, Короткий  | 32 | 1 1/4 | 2 X 7 | 5 X 7 | 35° | 1 | 1 | 0.30 | 1435-32722-27/57 |
| | 33 | 1 19/64 | 2 X 7 | 5 X 7 | 35° | 1 | 1 | 0.31 | 1435-33722-27/57 |
| | 35 | 1 3/8 | 2 X 7 | 5 X 8 | 35° | 1 | 1 | 0.36 | 1435-35722-27/58 |
| | 38 | 1 1/2 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.41 | 1435-38723-27/59 |
| | 41 | 1 5/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.42 | 1435-41723-27/59 |

| Drill bit Буровая коронка | Diameter Диаметр | | For class of clock Крепость | Tip size(mm) Вставки | | Weight approx Kg Вес кг | P/N Код |
|--|---------------------|--------------|--------------------------------|------------------------------------|--|-------------------------------|-----------------|
| | mm | Inch Дюйм | | Height x Width Высота x Толщина | | | |
| Cross-type bit Крестовая коронка  | 30 | 1 3/16 | 11-15 | 12x12x8 | | 0.29 | 1221-30722-12/8 |
| | 32 | 1 1/4 | 11-15 | 12x12x8 | | 0.31 | 1221-32722-12/8 |
| | 33 | 1 19/64 | 11-15 | 12x12x8 | | 0.33 | 1221-33722-12/8 |
| | 34 | 1 11/32 | 11-15 | 12x12x8 | | 0.34 | 1221-34722-12/8 |
| | 35 | 1 3/8 | 11-15 | 12x12x8 | | 0.36 | 1221-35722-12/8 |
| | 36 | 1 27/64 | 11-15 | 13x12x8 | | 0.39 | 1221-36722-12/8 |
| | 38 | 1 1/2 | 11-15 | 14x12x8 | | 0.43 | 1221-38723-12/8 |
| | 40 | 1 37/64 | 11-15 | 15x12x8 | | 0.47 | 1221-40723-12/8 |
| | 41 | 1 5/8 | 11-15 | 15x12x8 | | 0.49 | 1221-41723-12/8 |
| | 42 | 1 21/32 | 11-15 | 15x12x8 | | 0.51 | 1221-42723-12/8 |
| | 43 | 1 11/16 | 11-15 | 15x12x8 | | 0.53 | 1221-43723-12/8 |
| | 45 | 1 3/4 | 11-15 | 17x14x8 | | 0.58 | 1221-45723-12/8 |
| | 48 | 1 7/8 | 11-15 | 17x14x8 | | 0.67 | 1221-48723-12/8 |
| | 50 | 1 31/32 | 11-15 | 19x14x8 | | 0.72 | 1221-50723-12/8 |
| | 55 | 2 1/4 | 11-15 | 20x16x10 | | 0.92 | 1221-55725-12/8 |
| | 60 | 2 3/8 | 11-15 | 22x16x10 | | 1.19 | 1221-60725-12/8 |

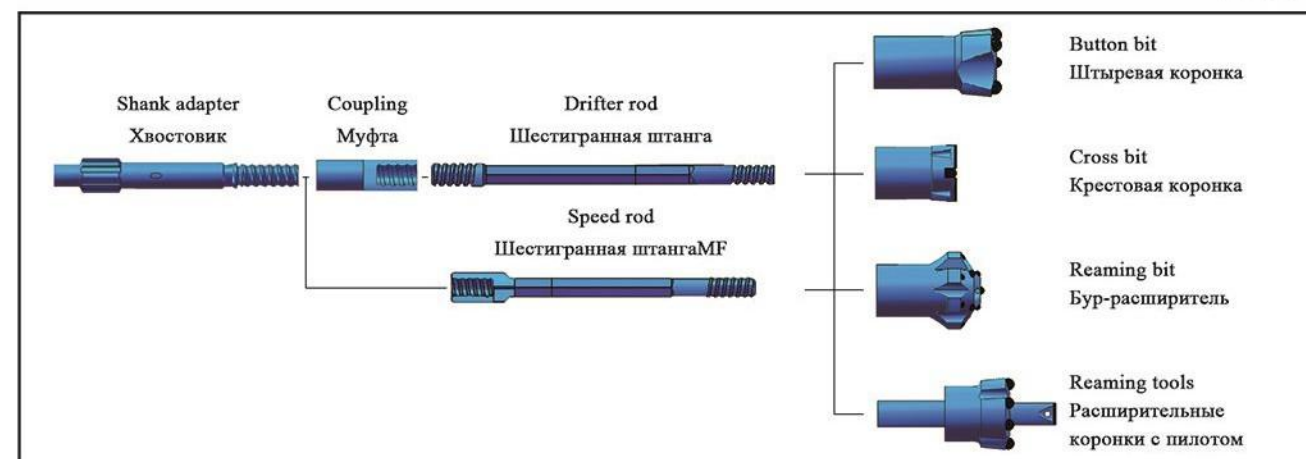
11°

| Drill bit Буровая коронка | Diameter Диаметр | | No x button diameter вставки кол-во*диам. | | | Flushing hole Промывка | | Weight Approx. Kg Вес кг | P/N Код |
|---|---------------------|--------------|--|-----------------|---------------|---------------------------|----------------|-----------------------------------|-------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Button bit, short skirt Штыревая коронка, Короткий  | 32 | 1 1/4 | 1 X 8 | 3 X 8 | 35° | 1 | 2 | 0.24 | 1431-321122-18/38 |
| | 32 | 1 1/4 | 2 X 7 | 5 X 7 | 40° | 1 | 1 | 0.24 | 1431-321122-27/57 |
| | 33 | 1 19/64 | 2 X 7 | 4 X 7 | 40° | 1 | 1 | 0.25 | 1431-331122-27/47 |
| | 34 | 1 11/32 | 2 X 7 | 4 X 7 | 40° | 1 | 1 | 0.29 | 1431-341122-27/47 |
| | 35 | 1 3/8 | 2 X 7 | 5 X 7 | 35° | 1 | 1 | 0.33 | 1431-351122-27/57 |
| | 35 | 1 3/8 | 2 X 7 | 5 X 8 | 35° | 1 | 1 | 0.33 | 1431-351122-27/58 |
| | 36 | 1 27/64 | 1 X 8 | 3 X 9 | 40° | 1 | 1 | 0.36 | 1431-361122-18/39 |
| | 36 | 1 27/64 | 2 X 7 | 4 X 7 | 40° | 1 | 1 | 0.36 | 1431-361122-27/47 |
| | 36 | 1 27/64 | 2 X 7 | 5 X 8 | 35° | 1 | 1 | 0.36 | 1431-361122-27/58 |
| | 38 | 1 1/2 | 1 X 9 | 3 X 9 | 40° | 1 | 1 | 0.39 | 1431-381122-19/39 |
| | 38 | 1 1/2 | 2 X 8 | 3 X 9 | 40° | 1 | 1 | 0.39 | 1431-381122-28/39 |
| | 38 | 1 1/2 | 2 X 7 | 5 X 8 | 35° | 1 | 1 | 0.39 | 1431-381122-27/58 |
| | 38 | 1 1/2 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.39 | 1431-381122-27/59 |
| | 40 | 1 37/64 | 1 X 9 | 3 X 9 | 40° | 1 | 1 | 0.40 | 1431-401122-19/39 |
| | 40 | 1 37/64 | 2 X 8 | 3 X 9 | 40° | 1 | 1 | 0.40 | 1431-401122-28/39 |
| 40 | 1 37/64 | 2 X 9 | 3 X 9 | 40° | 1 | 2 | 0.40 | 1431401122-29/39 | |
| 40 | 1 37/64 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.40 | 1431-401122-27/59 | |
| 40 | 1 37/64 | 2 X 8 | 5 X 9 | 35° | 1 | 1 | 0.40 | 1431-401122-28/59 | |
| 41 | 1 5/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.41 | 1431-411122-27/59 | |
| Long skirt Длинный  | 32 | 1 1/4 | 2 X 7 | 5 X 7 | 35° | 1 | 1 | 0.30 | 1435-321122-27/57 |
| | 33 | 1 19/64 | 2 X 7 | 5 X 7 | 35° | 1 | 1 | 0.31 | 1435-331122-27/57 |
| | 33 | 1 19/64 | 2 X 7 | 6 X 7 | 40° | 2 | 1 | 0.31 | 1435-331122-27/67 |
| | 35 | 1 3/8 | 2 X 7 | 6 X 7 | 40° | 2 | 1 | 0.35 | 1435-351122-27/67 |
| | 38 | 1 1/2 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.41 | 1435-381122-27/59 |
| 41 | 1 5/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.42 | 1435-411122-27/59 | |
| Cross-type bit Крестовая коронка  | 35 | 1 3/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.38 | 1435-351125-27/59 |
| | 36 | 1 27/64 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.39 | 1435-361125-27/59 |
| | 38 | 1 1/2 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.41 | 1435-381125-27/59 |
| | 41 | 1 5/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.42 | 1435-411125-27/59 |
| | 29 | 1 9/64 | 12 X 8 | - | - | 1 | 2 | 0.25 | 1221-291122-12/8 |
| 30 | 1 3/16 | 12 X 8 | - | - | 1 | 2 | 0.26 | 1221-301122-12/8 | |
| 32 | 1 1/4 | 12 X 8 | - | - | 1 | 2 | 0.30 | 1221-321122-12/8 | |
| 33 | 1 19/64 | 12 X 8 | - | - | 1 | 2 | 0.32 | 1221-331122-12/8 | |
| 35 | 1 3/8 | 12 X 8 | - | - | 1 | 2 | 0.36 | 1221-351122-12/8 | |
| 36 | 1 27/64 | 12 X 8 | - | - | 1 | 2 | 0.39 | 1221-361122-12/8 | |
| 38 | 1 1/2 | 12 X 8 | - | - | 1 | 2 | 0.43 | 1221-381122-12/8 | |
| 41 | 1 5/8 | 14 X 8 | - | - | 1 | 2 | 0.49 | 1221-411122-14/8 | |

12°

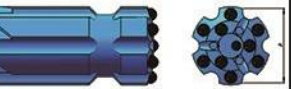
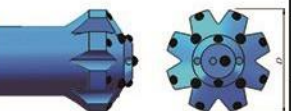



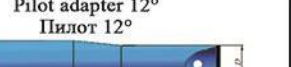
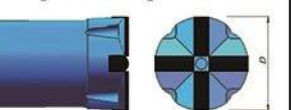
| Drill bit Буровая коронка | Diameter Диаметр | | No x button diameter вставки кол-во*диам. | | | Flushing hole Промывка | | Weight Approx. Kg Вес кг | P/N Код |
|--|---------------------|--------------|--|-----------------|---------------|---------------------------|----------------|-----------------------------------|-------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Button bit, short skirt Штыревая коронка, Короткий | 28 | 1 7/64 | 1 X 7 | 3 X 7 | 20° | 1 | 1 | 0.20 | 1431-281222-17/37 |
| | 28 | 1 7/64 | 1 X 7 | 4 X 7 | 35° | 1 | 1 | 0.20 | 1431-281222-17/47 |
| | 29 | 1 9/64 | 1 X 7 | 3 X 7 | 40° | 1 | 1 | 0.21 | 1431-291222-17/37 |
| | 30 | 1 3/16 | 1 X 7 | 3 X 7 | 40° | 1 | 1 | 0.22 | 1431-301222-17/37 |
| | 30 | 1 3/16 | 1 X 7 | 4 X 7 | 35° | 1 | 1 | 0.22 | 1431-301222-27/47 |
| | 30 | 1 3/16 | 2 X 7 | 4 X 7 | 30° | 1 | 1 | 0.22 | 1431-301222-27/47 |
| | 32 | 1 1/4 | 2 X 7 | 5 X 7 | 40° | 2 | 1 | 0.24 | 1431-321222-27/57 |
| | 33 | 1 19/64 | 2 X 7 | 5 X 7 | 35° | 1 | 1 | 0.25 | 1431-331222-27/57 |
| | 34 | 1 11/32 | 2 X 7 | 5 X 8 | 35° | 1 | 1 | 0.29 | 1431-341222-27/58 |
| | 35 | 1 3/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.33 | 1431-351222-27/47 |
| | 35 | 1 3/8 | 2 X 7 | 5 X 9 | 35° | 2 | 1 | 0.33 | 1431-351222-27/58 |
| | 35 | 1 3/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.33 | 1431-351222-27/59 |
| | 36 | 1 27/64 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.37 | 1431-361222-27/59 |
| | 37 | 1 29/64 | 2 X 7 | 5 X 9 | 40° | 1 | 1 | 0.38 | 1431-371222-27/59 |
| | 38 | 1 1/2 | 1 X 9 | 3 X 9 | 40° | 1 | 1 | 0.40 | 1431-381222-19/39 |
| | 38 | 1 1/2 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.40 | 1431-381222-27/59 |
| 41 | 1 5/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.41 | 1431-411222-27/59 | |
| Long skirt Длинный | 32 | 1 1/4 | 2 X 7 | 5 X 7 | 35° | 1 | 1 | 0.30 | 1435-321222-27/57 |
| | 33 | 1 19/64 | 2 X 7 | 5 X 7 | 35° | 1 | 1 | 0.31 | 1435-331222-27/57 |
| | 33 | 1 19/64 | 2 X 7 | 6 X 7 | 40° | 2 | 1 | 0.31 | 1435-331222-27/67 |
| | 35 | 1 3/8 | 2 X 7 | 6 X 7 | 40° | 2 | 1 | 0.35 | 1435-351222-27/67 |
| | 38 | 1 1/2 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.41 | 1435-381222-27/59 |
| | 41 | 1 5/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.42 | 1435-411222-27/59 |
| | 35 | 1 3/8 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.38 | 1435-351222-27/59 |
| | 36 | 1 27/36 | 2 X 7 | 5 X 9 | 35° | 1 | 1 | 0.39 | 1435-361222-27/59 |
| Cross-type bit Крестовая коронка | 29 | 1 9/64 | 12x8 | - | - | 1 | 2 | 0.25 | 1221-291222-12/8 |
| | 30 | 1 3/16 | 12x8 | - | - | 1 | 2 | 0.26 | 1221-301222-12/8 |
| | 32 | 1 1/4 | 12x8 | - | - | 1 | 2 | 0.30 | 1221-321222-12/8 |
| | 33 | 1 19/64 | 12x8 | - | - | 1 | 2 | 0.32 | 1221-331222-12/8 |
| | 35 | 1 3/8 | 12x8 | - | - | 1 | 2 | 0.36 | 1221-351222-12/8 |
| | 36 | 1 27/64 | 12x8 | - | - | 1 | 2 | 0.39 | 1221-361222-12/8 |
| | 38 | 1 1/2 | 12x8 | - | - | 1 | 2 | 0.43 | 1221-381222-12/8 |
| | 40 | 1 37/64 | 12x8 | - | - | 1 | 2 | 0.46 | 1221-401222-12/8 |
| 41 | 1 5/8 | 14x8 | - | - | 1 | 2 | 0.49 | 1221-411222-12/8 | |

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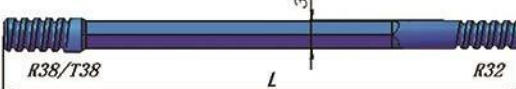
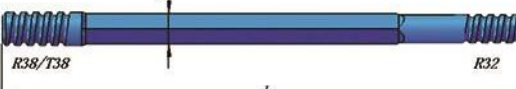
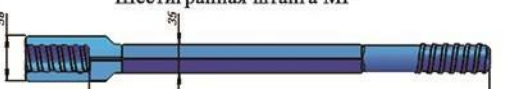



| Drill bit Буровая коронка | Diameter Диаметр | | No x button diameter вставки кол-во*диам. | | | Flushing hole Промывка | | Weight Approx. Kg Вес кг | P/N Код |
|--|--|--------------|--|-----------------|---------------|---------------------------|----------------|-----------------------------------|--------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Button bit, short skirt Штыревая коронка, Короткий | Spherical buttons Сферические вставки | | | | | | | | |
| | 41 | 1 5/8 | 2 x 9 | 4 x 9 | 35° | 1 | 1 | 0.6 | 1431-41R32-29/49 |
| | 41 | 1 5/8 | 2 x 8 | 5 x 9 | 35° | 1 | 1 | 0.7 | 1431-41R32-28/59 |
| | 43 | 1 11/16 | 2 x 9 | 5 x 9 | 35° | 1 | 2 | 0.7 | 1431-43R32-29/59 |
| | 43 | 1 11/16 | 2 x 9 | 5 x 10 | 35° | 1 | 1 | 0.7 | 1431-43R32-29/510 |
| | 43 | 1 11/16 | 2 x 9 | 6 x 9 | 40° | 2 | - | 0.7 | 1431-43R32-29/69 |
| | 45 | 1 3/4 | 2 x 9 | 5 x 11 | 30° | 1 | 1 | 0.8 | 1431-45R32-29/511 |
| | 45 | 1 3/4 | 2 x 9 | 6 x 10 | 35° | 2 | - | 0.8 | 1431-45R32-29/610 |
| | 45 | 1 3/4 | 3 x 8 | 6 x 10 | 30° | 3 | - | 0.8 | 1431-45R32-38/610 |
| | 48 | 1 7/8 | 2 x 9 | 5 x 11 | 35° | 1 | 1 | 0.9 | 1431-48R32-29/511 |
| | 48 | 1 7/8 | 2 x 9 | 6 x 10 | 40° | 2 | - | 0.9 | 1431-48R32-29/610 |
| | 48 | 1 7/8 | 3 x 8 | 6 x 10 | 40° | 3 | - | 0.9 | 1431-48R32-38/610 |
| | 48 | 1 7/8 | 3 x 9 | 6 x 10 | 30° | 3 | - | 0.9 | 1431-48R32-39/610 |
| | 51 | 2 | 2 x 10 | 5 x 11 | 35° | 1 | 1 | 1.0 | 1431-51R32-210/511 |
| | 51 | 2 | 2 x 10 | 6 x 10 | 40° | 2 | - | 1.0 | 1431-51R32-210/610 |
| | 51 | 2 | 3 x 9 | 6 x 10 | 35° | 3 | - | 1.0 | 1431-51R32-39/610 |
| 57 | 2 1/4 | 3 x 9 | 6 x 11 | 35° | 3 | - | 1.3 | 1431-57R32-39/611 | |
| 64 | 2 1/2 | 3x10,1x10 | 6 x 11 | 35° | 3 | - | 1.6 | 1433-64R32-410/611 | |
| 64 | 2 1/2 | 4 x 10 | 8 x 10 | 40° | 2 | - | 1.6 | 1431-64R32-610/611 | |
| 76 | 3 | 4 x 10 | 8 x 11 | 40° | 2 | - | 2.6 | 1431-76R32-411/811 | |
| Cross-type bit Крестовая коронка | Parabolic buttons Параболические вставки | | | | | | | | |
| | 41 | 1 5/8 | 2 x 8 | 5 x 9 | 40° | 1 | 1 | 0.7 | 1431-41R32-28/59 |
| | 43 | 1 11/16 | 2 x 9 | 5 x 9 | 40° | 1 | 2 | 0.7 | 1431-43R32-29/59 |
| | 43 | 1 11/16 | 2 x 9 | 6 x 9 | 40° | 2 | - | 0.7 | 1431-43R32-29/69 |
| | 43 | 1 11/16 | 3 x 8 | 6 x 8 | 40° | 3 | 1 | 0.7 | 1431-43R32-38/68 |
| | 45 | 1 3/4 | 2 x 9 | 5 x 11 | 30° | 1 | 2 | 0.8 | 1431-45R32-29/511 |
| | 45 | 1 3/4 | 2 x 9 | 6 x 9 | 40° | 2 | 2 | 0.8 | 1431-45R32-29/69 |
| | 45 | 1 3/4 | 3 x 8 | 6 x 9 | 40° | 3 | 1 | 0.8 | 1431-45R32-38/69 |
| | 48 | 1 7/8 | 2 x 9 | 5 x 11 | 35° | 1 | 1 | 0.9 | 1431-48R32-29/511 |
| | 48 | 1 7/8 | 2 x 9 | 6 x 10 | 40° | 2 | - | 0.9 | 1431-48R32-29/610 |
| | 48 | 1 7/8 | 3 x 8 | 6 x 10 | 40° | 3 | - | 0.9 | 1431-48R32-38/610 |
| | 51 | 2 | 2 x 10 | 6 x 10 | 40° | 2 | - | 1.0 | 1431-51R32-210/610 |
| | 51 | 2 | 3 x 9 | 6 x 10 | 40° | 3 | 1 | 1.0 | 1431-51R32-39/610 |
| | 54 | 2 1/8 | 3 x 9 | 6 x 10 | 40° | 3 | 1 | 1.0 | 1431-54R32-39/610 |
| | 57 | 2 1/4 | 3 x 9 | 6 x 11 | 35° | 3 | - | 1.3 | 1431-57R32-39/611 |
| | 64 | 2 1/2 | 4 x 10 | 8 x 10 | 40° | 2 | - | 1.6 | 1431-64R32-410/810 |

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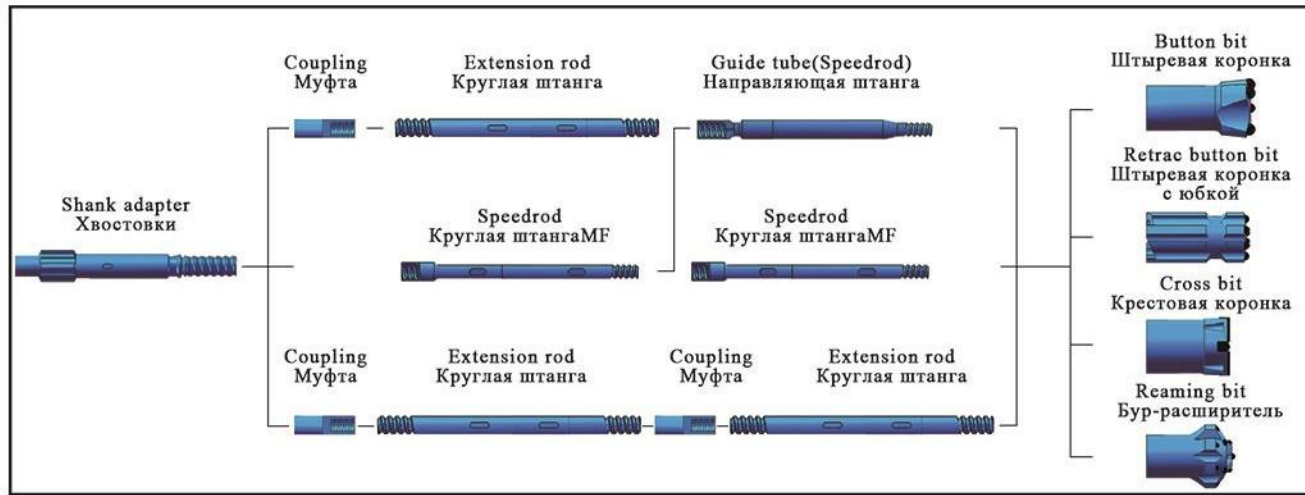
| Drill bit Буровая коронка | Diameter Диаметр | | No. button diameter Вставки кол-во*диам | | | Flushing hole Промывка | | Weight Approx. Kg Вес кг | P/N Код | |
|--|---|--------------|--|-----------------|---------------|---------------------------|----------------|-----------------------------------|----------------------|-----------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | | |
| Retrac Button bit Штыревая коронка с лобкой  | Spherical buttons Сферические вставки | | | | | | | | | |
| | 45 | 1 3/4 | 3 x 8 | 6 x 9 | 40° | 3 | - | 1.1 | 1531-45R32-38/69 | |
| | 48 | 1 7/8 | 3 x 9 | 6 x 10 | 30° | 3 | - | 1.2 | 1531-48R32-39/610 | |
| | 51 | 2 | 3 x 9 | 6 x 10 | 30° | 3 | - | 1.4 | 1531-51R32-39/610 | |
| | 64 | 2 1/2 | 3x10,1x10 | 6 x 11 | 35° | 3 | - | 2.2 | 1531-64R32-410/611 | |
| | 64 | 2 1/2 | 4 x 10 | 8 x 10 | 40° | 2 | - | 2.2 | 1531-64R32-410/810 | |
| | 76 | 3 | 4x11,1x11 | 8 x 11 | 35° | 4 | 1 | 3.5 | 1531-76R32-511/811 | |
| | Parabolic buttons Параболические вставки | | | | | | | | | |
| | 45 | 1 3/4 | 3 x 8 | 6 x 9 | 40° | 3 | - | 1.1 | 1531-45R32-38/69 | |
| | 48 | 1 7/8 | 3 x 9 | 6 x 10 | 30° | 3 | - | 1.2 | 1531-48R32-39/610 | |
| | 51 | 2 | 3 x 9 | 6 x 10 | 30° | 3 | - | 1.4 | 1531-51R32-39/610 | |
| | 46 | 2 1/2 | 3x10,1x10 | 6 x 11 | 35° | 3 | - | 2.2 | 1531-64R32-410/611 | |
| 46 | 2 1/2 | 4 x 10 | 8 x 10 | 40° | 2 | - | 2.2 | 1531-64R32-410/810 | | |
| 76 | 3 | 4x11,1x11 | 8 x 11 | 35° | 4 | 1 | 3.5 | 1531-76R32-511/811 | | |
| Dome bit for reaming Штыревой бур-расширитель  | Spherical buttons Сферические вставки | | | | | | | | | |
| | 76 | 3 | 1 x 13 | 9 x 13 | 35° | 3 | 1 | 2.0 | 1441-76R32-113/913 | |
| | 89 | 3 1/2 | 1 x 13 | 14 x 13 | 35° | 2 | 2 | 2.6 | 1441-89R32-113/1413 | |
| | 102 | 4 | 1 x 13 | 16 x 13 | 35° | 2 | 2 | 3.2 | 1441-102R32-113/1613 | |
| | 127 | 5 | 1 x 13 | 18 x 16 | 35° | 3 | 1 | 4.8 | 1441-127R32-113/1816 | |
| | Parabolic buttons Параболические вставки | | | | | | | | | |
| | 76 | 3 | 1 x 13 | 9 x 13 | 35° | 3 | 1 | 2.0 | 1441-76R32-113/913 | |
| | 89 | 3 1/2 | 1 x 13 | 14 x 13 | 35° | 2 | 2 | 2.6 | 1441-89R32-113/1413 | |
| | 102 | 4 | 1 x 13 | 16 x 13 | 35° | 2 | 2 | 3.2 | 1441-102R32-113/1613 | |
| | 127 | 5 | 1 x 13 | 18 x 16 | 35° | 3 | 1 | 4.8 | 1441-127R32-113/1816 | |
| | Reaming bit 6° Бур-расширитель 6°  | 64 | 2 1/2 | 2 x 10 | 8 x 9 | 35° | - | - | 0.8 | 1441-646-210/89 |
| | | 64 | 2 1/2 | 4 x 8 | 8 x 9 | 25° | - | - | 0.8 | 1441-646-48/89 |
| 76 | | 3 | 2 x 11 | 8 x 11 | 35° | - | - | 1.2 | 1441-766-211/811 | |
| 76 | | 3 | 4 x 10 | 8 x 10 | 30° | - | - | 1.2 | 1441-766-410/810 | |
| 89 | | 3 1/2 | 4 x 11 | 8 x 11 | 35° | - | - | 1.7 | 1441-896-411/811 | |
| 89 | | 3 1/2 | 4 x 10 | 8 x 10 | 30° | - | - | 1.7 | 1441-896-410/810 | |
| Pilot adapter 6° Пилот 6°  | 26 | 1 1/32 | 12 x 8 | - | - | - | - | 1.5 | 1442-26R32-12/8 | |
| Reaming bit 12° Бур-расширитель 12°  | 89 | 3 1/2 | 4 x 10 | 8 x 12 | 35° | - | - | 1.8 | 1441-8912-410/812 | |
| | 102 | 4 | 4 x 12 | 8 x 12 | 35° | - | - | 2.1 | 1441-10212-412/812 | |
| | 127 | 5 | 4 x 12 | 8 x 12 | 35° | - | - | 4.0 | 1441-12712-412/812 | |
| | 127 | 5 | 4 x 13 | 8 x 13 | 35° | - | - | 4.4 | 1441-12712-413/813 | |
| | 127 | 5 | 4 x 13 | 8 x 13 | 35° | - | - | 4.4 | 1441-12712-413/813 | |
| Pilot adapter 12° Пилот 12°  | 40 | 1 37/64 | 15 x 10 | - | - | - | - | 2.2 | 1442-40R32-15/10 | |
| Cross-type bit Крестовая коронка  | 41 | 1 5/8 | 16 x 10 | - | - | 1 | 4 | 0.7 | 1221-41R32-16/10 | |
| | 43 | 1 11/16 | 16 x 10 | - | - | 1 | 2 | 0.8 | 1221-43R32-16/10 | |
| | 45 | 1 3/4 | 16 x 10 | - | - | 1 | 4 | 0.9 | 1221-45R32-16/10 | |
| | 48 | 1 7/8 | 16 x 10 | - | - | 1 | 4 | 0.9 | 1221-48R32-16/10 | |
| | 51 | 2 | 16 x 10 | - | - | 1 | 4 | 1.2 | 1221-51R32-16/10 | |
| | 57 | 2 1/4 | 16 x 10 | - | - | 1 | 4 | 1.3 | 1221-57R32-16/10 | |
| | 64 | 2 1/2 | 18 x 13 | - | - | 1 | 4 | 1.5 | 1221-64R32-18/13 | |

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| Drill rod Буровая штанга | Length Длина | | Diameter Диаметр | | Weight approx. Kg Вес кг | P/N Код |
|--|-----------------|-------------|---------------------|--------------|--------------------------------|--------------------|
| | mm | Foot Фут | mm | inch Дюйм | | |
| Drifter rod R/T38-Hex32-R32 Flushing hole 9.6mm Шестигранная штанга  | 2400 | 7'10" | 32 | 1 1/4 | 15.3 | 22H32-R32/T38-2400 |
| | 3090 | 10' 11/2" | 32 | 1 1/4 | 19.8 | 22H32-R32/T38-3090 |
| | 3400 | 11' 13/4" | 32 | 1 1/4 | 21.7 | 22H32-R32/T38-3400 |
| | 4000 | 13' 13/8" | 32 | 1 1/4 | 25.5 | 22H32-R32/T38-4000 |
| | 4310 | 14' 11/2" | 32 | 1 1/4 | 27.5 | 22H32-R32/T38-4310 |
| | 4920 | 16' 11/2" | 32 | 1 1/4 | 31.3 | 22H32-R32/T38-4920 |
| | 5530 | 18' 11/2" | 32 | 1 1/4 | 35.2 | 22H32-R32/T38-5530 |
| Drifter rod R/T38-Hex35-R32 Flushing hole 9.5mm Шестигранная штанга  | 3090 | 10' 11/2" | 35 | 1 3/8 | 24.0 | 22H35-R32/T38-3090 |
| | 3700 | 12' 11/2" | 35 | 1 3/8 | 28.7 | 22H35-R32/T38-3700 |
| | 4000 | 13' 13/8" | 35 | 1 3/8 | 31.1 | 22H35-R32/T38-4000 |
| | 4310 | 14' 11/2" | 35 | 1 3/8 | 33.4 | 22H35-R32/T38-4310 |
| | 4920 | 16' 11/2" | 35 | 1 3/8 | 37.8 | 22H35-R32/T38-4920 |
| | 5530 | 18' 11/2" | 35 | 1 3/8 | 42.9 | 22H35-R32/T38-5530 |
| Speed rod, T38-Hex35-R32 Flushing hole 9.5mm Шестигранная штанга MF  | 3700 | 12' 11/2" | 35 | 1 3/8 | 29.0 | 24H35-R32/T38-3700 |
| | 4310 | 14' 11/2" | 35 | 1 3/8 | 34.1 | 24H35-R32/T38-4310 |
| | 4920 | 16' 11/2" | 35 | 1 3/8 | 38.8 | 24H35-R32/T38-4920 |
| | 5530 | 18' 11/2" | 35 | 1 3/8 | 43.6 | 24H35-R32/T38-5530 |
| | 6400 | 21' | 35 | 1 3/8 | 50.3 | 24H35-R32/T38-6400 |

| Coupling Муфта | Length Длина | | Diameter Диаметр | | Thread Резьба | Weight approx. Kg Вес кг | P/N Код |
|---|-----------------|-------------|---------------------|--------------|------------------|--------------------------------|-------------------|
| | mm | inch Фут | mm | inch Дюйм | | | |
| Coupling sleeves Муфта | 170 | 6 3/4 | 55 | 2 5/32 | R38 | 1.8 | 31-R38-55-170 |
| | 190 | 7 1/2 | 55 | 2 5/32 | T38 | 2.0 | 31-T38-55-190 |
| Coupling sleeves of different diameter Муфта  | 150 | 6 1/8 | 45 | 1 3/4 | R25-R32 | 1.1 | 33-R25/R32-45-150 |
| | 160 | 6 1/4 | 45 | 1 3/4 | R25-R32 | 1.2 | 33-R25/R32-45-160 |
| | 160 | 6 1/4 | 45 | 1 3/4 | R25-R32 | 1.2 | 33-R28/R32-45-160 |
| | 160 | 6 1/4 | 55 | 2 5/32 | R28-R32 | 1.8 | 33-R32/R38-55-160 |
| | 170 | 6 3/4 | 55 | 2 5/32 | R32-R38 | 2.0 | 33-R32/R38-55-170 |
| | 180 | 7 1/16 | 55 | 2 5/32 | R32-R38 | 2.2 | 33-R32/R38-55-180 |
| | 210 | 8 1/4 | 55 | 2 5/32 | R32-R38 | 2.8 | 33-R32/R38-55-210 |
| | 170 | 6 3/4 | 56 | 2 1/8 | R32-T38 | 2.1 | 33-R32/T38-56-170 |
| | 180 | 7 1/16 | 56 | 2 1/8 | R32-T38 | 2.2 | 33-R32/T38-56-180 |
| | 210 | 8 1/4 | 56 | 2 1/8 | R32-T38 | 2.8 | 33-R32/T38-56-210 |
| | 190 | 7 1/2 | 63 | 2 33/64 | R32-T45 | 3.2 | 33-R32/T45-63-190 |

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| Drill bit Буровая коронка | Diameter Диаметр | | No X button diameter Вставки кол-во * диам. | | | Flushing hole Промывка | | Weight approx kg Вес | P/N Код |
|---|--|--------------|--|-----------------|---------------|---------------------------|----------------|-------------------------------|--------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Button bit Штыревая коронка | Spherical buttons Сферические вставки | | | | | | | | |
| | 48 | 1 7/8 | 2X9 | 5X11 | 35° | 1 | 2 | 1.0 | 1431-48R32-29/511 |
| | 48 | 1 7/8 | 3X8 | 6X10 | 40° | 3 | - | 0.9 | 1431-48R32-38/610 |
| | 51 | 2 | 2X10 | 5X11 | 35° | 1 | 2 | 1.0 | 1431-51R32-210/511 |
| | 51 | 2 | 3X9 | 6X10 | 35° | 3 | - | 1.0 | 1431-51R32-39/610 |
| | 57 | 2 1/4 | 3X9 | 6X11 | 35° | 3 | - | 1.3 | 1431-57R32-39/611 |
| | 57 | 2 1/4 | 3X10 | 6X11 | 35° | 3 | - | 1.3 | 1431-57R32-310611 |
| | 64 | 2 1/2 | 3X11 | 6X12 | 30° | 3 | - | 1.6 | 1431-64R32-311/612 |
| | 64 | 2 1/2 | 3X10,1X10 | 6X11 | 35° | 3 | - | 1.6 | 1433-64R32-410/611 |
| | 64 | 2 1/2 | 4X10 | 8X10 | 40° | 2 | - | 1.6 | 1431-64R32-410/810 |
| | 70 | 3 | 4X11 | 8X11 | 40° | 2 | - | 2.6 | 1431-70R32-411/811 |
| | 76 | 3 | 4X11,1X11 | 8X11 | 35° | 2 | - | 2.6 | 1433-76R32-511/811 |
| | Parabolic buttons Параболические вставки | | | | | | | | |
| | 48 | 1 7/8 | 3X8 | 6X10 | 40° | 3 | - | 0.9 | 1431-48R32-38/610 |
| 51 | 2 | 3X9 | 6X10 | 40° | 3 | 1 | 1.0 | 1431-51R32-39/610 | |
| 54 | 2 1/8 | 3X9 | 6X10 | 40° | 3 | 1 | 1.0 | 1431-54R32-39/610 | |
| 57 | 2 1/4 | 3X9 | 6X11 | 35° | 3 | - | 1.3 | 1431-57R32-39/611 | |
| 57 | 2 1/4 | 3X10 | 6X11 | 35° | 3 | - | 1.3 | 1431-57R32-310/611 | |
| 64 | 2 1/2 | 4X10 | 8X10 | 40° | 2 | - | 1.6 | 1431-64R32-410/810 | |
| Retrac button bit Штыревая коронка с юбкой | Spherical buttons Сферические вставки | | | | | | | | |
| | 48 | 1 7/8 | 3X8 | 6X10 | 40° | 3 | - | 1.2 | 1531-48R32-38/610 |
| | 51 | 2 | 3X9 | 6X10 | 35° | 3 | - | 1.4 | 1531-51R32-39/610 |
| | 64 | 2 1/2 | 3X10,1X10 | 6X11 | 35° | 3 | - | 2.2 | 1533-64R32-410/611 |
| | 64 | 2 1/2 | 4X10 | 8X10 | 40° | 2 | - | 2.2 | 1531-64R32-410/810 |
| | 76 | 3 | 4X11,1X11 | 8X11 | 35° | 4 | 1 | 3.5 | 1533-76R32-511/811 |
| | Parabolic buttons Параболические вставки | | | | | | | | |
| | 48 | 1 7/8 | 3X8 | 6X10 | 30° | 3 | - | 1.2 | 1531-48R32-39610 |
| | 51 | 2 | 3X9 | 6X10 | 30° | 3 | - | 1.4 | 1531-51R32-39/610 |
| | 64 | 2 1/2 | 3X10,1X10 | 6X11 | 35° | 3 | - | 2.2 | 1533-64R32-410/611 |
| 64 | 2 1/2 | 4X10 | 8X10 | 40° | 2 | - | 2.2 | 1531-64R32-410/810 | |
| 76 | 3 | 4X11,1X11 | 8X11 | 35° | 4 | 1 | 3.5 | 1533-76R32-511/811 | |

R32

| Drill bit Буровая штанга | Diameter Диаметр | | No X button diameter Вставки кол-во * диам. | | | Flushing hole Промывка | | Weight approx kg Вес | P/N Код |
|---|--|--------------|--|-----------------|---------------|---------------------------|----------------|-------------------------------|----------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Dome bit for reaming Бур-расширитель | Spherical buttons Сферические вставки | | | | | | | | |
| | 76 | 3 | 1X13 | 9X13 | 35° | 3 | 1 | 2.0 | 1441-76R32-113/913 |
| | 89 | 3 1/2 | 1X13 | 14X13 | 35° | 2 | 2 | 2.6 | 1441-89R32-113/1413 |
| | 102 | 4 | 1X13 | 16X13 | 35° | 2 | 2 | 3.2 | 1441-102R32-113/1613 |
| | 127 | 5 | 1X13 | 18X13 | 35° | 3 | 1 | 4.8 | 1441-127R32-113/1813 |
| | Parabolic buttons Параболические вставки | | | | | | | | |
| | 76 | 3 | 1X13 | 9X13 | 35° | 3 | 1 | 2.0 | 1441-76R32-113/913 |
| | 89 | 3 1/2 | 1X13 | 14X13 | 35° | 2 | 2 | 2.6 | 1441-89R32-113/1413 |
| | 102 | 4 | 1X13 | 16X13 | 35° | 2 | 2 | 3.2 | 1441-102R32-113/1613 |
| | 127 | 5 | 1X13 | 18X13 | 35° | 3 | 1 | 4.8 | 1441-127R32-113/1813 |
| Cross-type bits Крестовая коронка | 45 | 1 3/4 | 16X10 | | - | 1 | 4 | 0.9 | 1221-45R32-16/10 |
| | 48 | 1 7/8 | 16X10 | | - | 1 | 4 | 0.9 | 1221-48R32-16/10 |
| | 51 | 2 | 16X10 | | - | 1 | 4 | 1.2 | 1221-51R32-16/10 |
| | 57 | 2 1/4 | 16X10 | | - | 1 | 4 | 1.3 | 1221-57R32-16/10 |
| | 64 | 2 1/2 | 18X13 | | - | 1 | 4 | 1.5 | 1221-64R32-18/13 |

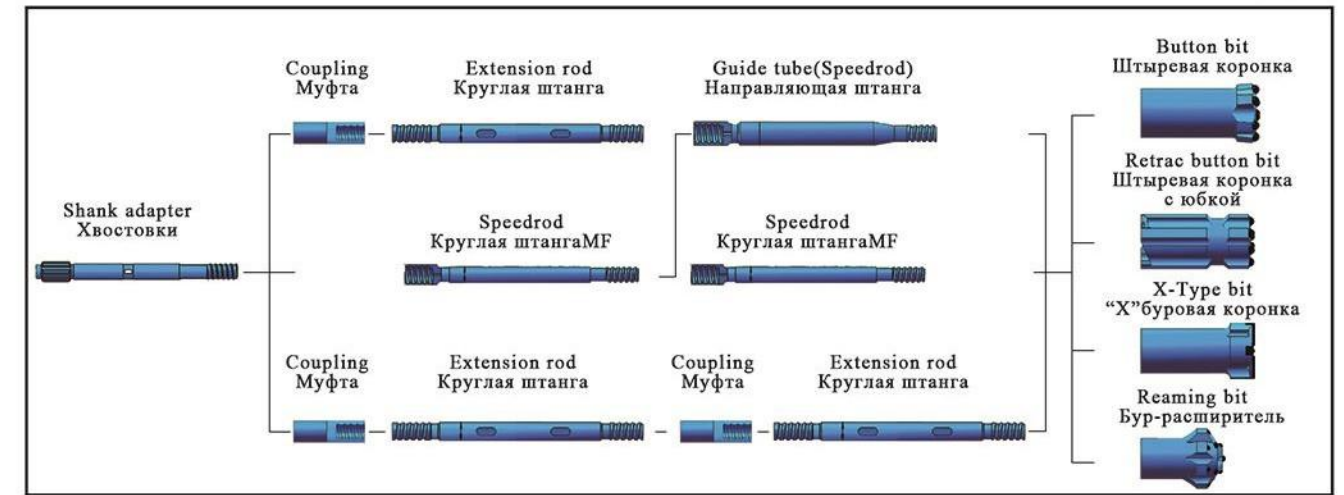
| Drill rod Буровая штанга | Length Длина | | Diameter Диаметр | | Weight approx kg Вес кг | P/N Код |
|---|-----------------|-------------|---------------------|--------------|-------------------------------|-------------------|
| | mm | Foot Фут | mm | Inch Дюйм | | |
| Extension rod, R32-Round 32-R32 Flushing hole 9.2mm Wrench flat 25.4mm Круглая штанга Промывочное отверстие Шлиц под ключ | 915 | 3' | 32 | 1 1/4 | 5.4 | 23R32-R32-0915 |
| | 1000 | 3'33/8" | 32 | 1 1/4 | 5.9 | 23R32-R32-1000 |
| | 1220 | 4' | 32 | 1 1/4 | 7.2 | 23R32-R32-1220 |
| | 1830 | 6' | 32 | 1 1/4 | 10.8 | 23R32-R32-1830 |
| | 2435 | 8' | 32 | 1 1/4 | 14.3 | 23R32-R32-2435 |
| | 3050 | 10' | 32 | 1 1/4 | 17.9 | 23R32-R32-3050 |
| MF-rod, R32-Round 32-R32 Flushing hole 9.2mm Wrench flat 25.4mm Круглая штанга MF Промывочное отверстие Шлиц под ключ | 915 | 3' | 32 | 1 1/4 | 6.2 | 24R32-R32/46-0915 |
| | 1220 | 4' | 32 | 1 1/4 | 8.0 | 24R32-R32/46-1220 |
| | 1525 | 5' | 32 | 1 1/4 | 9.8 | 24R32-R32/46-1525 |
| | 1830 | 6' | 32 | 1 1/4 | 11.6 | 24R32-R32/46-1830 |
| | 2435 | 8' | 32 | 1 1/4 | 15.1 | 24R32-R32/46-2435 |
| | 3050 | 10' | 32 | 1 1/4 | 18.7 | 24R32-R32/46-3050 |
| Guide speedrod, R32-Round 39-R32 Flushing hole 14.5mm Направляющая штанга Промывочное отверстие | 3050 | 10' | 39 | 1 1/2 | 27.0 | 24R39-R32/46-3050 |
| | 3660 | 12' | 39 | 1 1/2 | 32.0 | 24R39-R32/46-3660 |

R32

| Guide tube Направляющая штанга | Length Длина | | Diameter Диаметр | | Weight approx kg Вес кг | P/N Код |
|-----------------------------------|-----------------|-------------|---------------------|--------------|-------------------------------|-------------------|
| | mm | Foot Фут | mm | Inch Дюйм | | |
| Guide tube D46 51-64mm | 1220 | 4' | 46 | 1 3/4 | 10.0 | 24R46-R32/46-1220 |
| D46 for bits from 51-64mm | 1525 | 5' | 46 | 1 3/4 | 12.5 | 24R46-R32/46-1525 |
| D46 for bits from 51-64mm | 1830 | 6' | 46 | 1 3/4 | 14.2 | 24R46-R32/46-1830 |
| D46 for bits from 51-64mm | 3050 | 10' | 46 | 1 3/4 | 25.0 | 24R46-R32/46-3050 |

| Coupling Муфта | Length Длина | | Diameter Диаметр | | Weight approx kg Вес кг | P/N Код |
|---------------------------|-----------------|--------------|---------------------|--------------|-------------------------------|---------------|
| | mm | Inch Дюйм | mm | Inch Дюйм | | |
| Coupling sleeves Муфта | 150 | 6 1/8 | 44 | 1 3/4 | 1.0 | 31-R32-44-150 |
| | 160 | 6 1/4 | 44 | 1 3/4 | 1.1 | 31-R32-44-160 |

T38



| Drill bit Буровая коронка | Diameter Диаметр | | No X button diameter Вставки кол-во * диам. | | | Flushing hole Промывка | | Weight approx kg Вес | P/N Код |
|--------------------------------|--|--------------|--|-----------------|---------------|---------------------------|----------------|-------------------------------|--------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Периф. | Angle Угол | Front Центр. | Side Боков. | | |
| Button bit Штыревая коронка | Spherical buttons Сферические вставки | | | | | | | | |
| | 64 | 2 1/2 | 3X11 | 6X12 | 35° | 3 | - | 1.8 | 1431-64T38-311/612 |
| | 64 | 2 1/2 | 4X10 | 8X10 | 40° | 2 | - | 1.6 | 1431-64T38-410/810 |
| | 64 | 2 1/2 | 3X10,1X10 | 6X11 | 35° | 3 | - | 1.7 | 1433-64T38-410/611 |
| | 70 | 2 3/4 | 4X11 | 8X11 | 40° | 2 | - | 1.9 | 1431-70T38-411/811 |
| | 70 | 2 3/4 | 4X10,1X10 | 8X11 | 30° | 4 | - | 1.9 | 1432-70T38-510/811 |
| | 70 | 2 3/4 | 3X10,1X10 | 6X12 | 35° | 3 | - | 1.8 | 1433-70T38-410/612 |
| | 76 | 3 | 4X11 | 8X11 | 40° | 2 | - | 2.4 | 1431-76T38-411/811 |
| | 76 | 3 | 5X11 | 8X13 | 35° | 2 | 1 | 2.4 | 1431-76T38-511/813 |
| | 76 | 3 | 3X11,1X11 | 6X12 | 35° | 3 | 1 | 2.6 | 1433-76T38-411/612 |
| | 76 | 3 | 4X11,1X11 | 8X12 | 35° | 4 | - | 2.6 | 1432-76T38-511/812 |
| | 76 | 3 | 4X11,1X11 | 8X11 | 40° | 4 | - | 2.6 | 1432-76T38-511/811 |
| | 89 | 3 1/2 | 4X13 | 8X13 | 40° | 2 | - | 3.3 | 1431-89T38-413/813 |
| | 89 | 3 1/2 | 5X13 | 8X13 | 35° | 2 | - | 3.3 | 1431-89T38-513/813 |
| | 89 | 3 1/2 | 6X11 | 8X12 | 35° | 2 | - | 3.3 | 1431-89T38-611/812 |
| | 89 | 3 1/2 | 3X11,2X11 | 6X13 | 35° | 3 | 1 | 3.3 | 1433-89T38-511/613 |
| | 89 | 3 1/2 | 4X11,1X11 | 8X13 | 35° | 4 | - | 3.3 | 1433-89T38-511/813 |
| | 89 | 3 1/2 | 4X13,1X13 | 8X13 | 35° | 4 | - | 3.3 | 1432-89T38-513/813 |
| | Parabolic buttons Параболические вставки | | | | | | | | |
| | 64 | 2 1/2 | 3X11 | 6X12 | 35° | 3 | - | 1.8 | 1431-64T38-311/612 |
| | 64 | 2 1/2 | 4X10 | 8X10 | 40° | 2 | - | 1.6 | 1431-64T38-410/810 |
| | 64 | 2 1/2 | 3X10,1X10 | 6X11 | 35° | 3 | - | 1.7 | 1433-64T38-410/611 |
| | 70 | 2 3/4 | 4X11 | 8X11 | 40° | 2 | - | 1.9 | 1431-70T38-411/811 |
| | 70 | 2 3/4 | 3X10,1X10 | 6X12 | 35° | 3 | - | 1.8 | 1433-70T38-410/612 |
| | 76 | 3 | 4X11 | 8X11 | 40° | 2 | - | 2.4 | 1431-76T38-411/811 |
| | 76 | 3 | 5X11 | 8X13 | 35° | 2 | 1 | 2.4 | 1431-76T38-511/813 |
| | 76 | 3 | 3X11,1X11 | 6X13 | 35° | 3 | 1 | 2.6 | 1433-76T38-411/613 |
| | 76 | 3 | 4X11,1X11 | 8X12 | 35° | 4 | - | 2.6 | 1432-76T38-511/812 |
| | 76 | 3 | 4X11,1X11 | 8X11 | 40° | 4 | - | 2.6 | 1432-76T38-511/811 |
| | 89 | 3 1/2 | 5X13 | 8X13 | 35° | 2 | - | 3.3 | 1431-89T38-513/813 |
| | 89 | 3 1/2 | 6X11 | 8X12 | 35° | 2 | - | 3.3 | 1431-89T38-611/812 |
| | 89 | 3 1/2 | 3X11,2X11 | 6X13 | 35° | 3 | 1 | 3.3 | 1433-89T38-511/613 |
| | 89 | 3 1/2 | 4X11,1X11 | 8X13 | 35° | 4 | - | 3.3 | 1433-89T38-511/813 |
| | 89 | 3 1/2 | 4X13,1X13 | 8X13 | 35° | 4 | - | 3.3 | 1432-89T38-513/813 |

T38

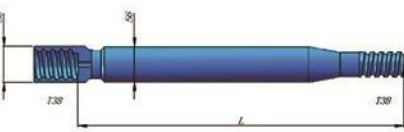
| Drill bit Буровая коронка | Diameter Диаметр | | No X button diameter Вставки кол-во * диам. | | | Flushing hole Промывка | | Weight approx kg Вес | P/N Код | |
|--|---------------------------------------|---|--|-----------------|---------------|---------------------------|----------------|----------------------------|--------------------|----------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | | |
| Retrac button bit Штыревая коронка с юбкой | Spherical buttons Сферические вставки | | | | | | | | | |
| | 64 | 2 1/2 | 4X10 | 8X10 | 30° | 2 | - | 2.2 | 1531-64T38-410/810 | |
| | 64 | 2 1/2 | 3X10,1X10 | 6X11 | 35° | 3 | - | 2.2 | 1533-64T38-410/611 | |
| | 70 | 2 3/4 | 4X11 | 8X11 | 40° | 2 | - | 2.4 | 1531-70T38-411/811 | |
| | 70 | 2 3/4 | 3X10,1X10 | 6X13 | 35° | 3 | - | 2.4 | 1533-70T38-410/613 | |
| | 70 | 2 3/4 | 4X10,1X10 | 8X11 | 35° | 4 | - | 2.4 | 1632-70T38-510/811 | |
| | 76 | 3 | 4X11 | 8X11 | 40° | 2 | - | 3.3 | 1531-76T38-411/811 | |
| | 76 | 3 | 4X11,1X11 | 8X11 | 35° | 4 | - | 3.3 | 1632-76T38-511/811 | |
| | 76 | 3 | 4X11,1X11 | 8X12 | 35° | 4 | - | 3.3 | 1632-76T38-511/812 | |
| | 89 | 3 1/2 | 4X13 | 8X13 | 40° | 2 | - | 4.8 | 1531-89T38-413/813 | |
| | 89 | 3 1/2 | 5X13 | 8X13 | 35° | 2 | - | 4.8 | 1531-89T38-513/813 | |
| | 89 | 3 1/2 | 6X11 | 8X12 | 35° | 2 | - | 4.8 | 1531-89T38-611/812 | |
| | 89 | 3 1/2 | 4X11,1X11 | 8X13 | 35° | 4 | - | 4.8 | 1533-89T38-511/813 | |
| | 89 | 3 1/2 | 4X13,1X13 | 8X13 | 35° | 4 | - | 4.8 | 1632-89T38-513/813 | |
| | X-type bit "X"буровая коронка | 64 | 2 1/2 | 25X13 | | - | 1 | 2 | 1.9 | 1321-64T38-25/13 |
| | | 76 | 3 | 25X13 | | - | 1 | 2 | 2.5 | 1321-76T38-25/13 |
| | | 89 | 3 1/2 | 25X13 | | - | 1 | 2 | 2.8 | 1321-89T38-25/13 |
| | | Dome bit for reaming Бур-расширитель | Spherical buttons Сферические вставки | | | | | | | |
| 102 | | | 4 | 1X13 | 16X13 | 35° | 2 | 2 | 3.8 | 1441-102T38-113/1613 |
| 127 | | | 5 | 1X13 | 18X13 | 35° | 1 | 3 | 5.2 | 1441-127T38-113/1813 |
| Parabolic buttons Параболические вставки | | | | | | | | | | |
| 102 | | | 4 | 1X13 | 16X13 | 35° | 2 | 2 | 3.8 | 1441-102T38-113/1613 |
| 127 | | | 5 | 1X13 | 18X13 | 35° | 1 | 3 | 5.2 | 1441-127T38-113/1813 |

T38

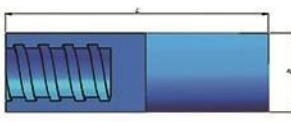
| Drill rod Буровая штанга | Length Длина | | Diameter Диаметр | | Weight approx. Kg Вес кг | P/N Код |
|---|---|-------------|---------------------|--------------|--------------------------------|---------------------|
| | mm | Foot Фут | mm | inch Дюйм | | |
| Extension rod, T38-Round39-T38 Flushing hole 14.5mm Wrench flat 32mm Груглая штанга Промывочное отверстие Шлиц под ключ | 1220 | 4' | 39 | 1 1/2 | 10.2 | 23R39-T38-1220 |
| | 1525 | 5' | 39 | 1 1/2 | 12.8 | 23R39-T38-1525 |
| | 1830 | 6' | 39 | 1 1/2 | 15.3 | 23R39-T38-1830 |
| | 2435 | 8' | 39 | 1 1/2 | 20.4 | 23R39-T38-2435 |
| | 3050 | 10' | 39 | 1 1/2 | 25.5 | 23R39-T38-3050 |
| | 3660 | 12' | 39 | 1 1/2 | 30.9 | 23R39-T38-3660 |
| | 3965 | 13' | 39 | 1 1/2 | 33.2 | 23R39-T38-3965 |
| | 4270 | 14' | 39 | 1 1/2 | 35.7 | 23R39-T38-4270 |
| | 4880 | 16' | 39 | 1 1/2 | 41.0 | 23R39-T38-4880 |
| | 5530 | 18'11/2" | 39 | 1 1/2 | 46.3 | 23R39-T38-5530 |
| | 6095 | 20' | 39 | 1 1/2 | 50.9 | 23R39-T38-6095 |
| MF-rod, T38-Round39-T38 Flushing hole 14.5mm Груглая штанга MF Промывочное отверстие | 915 | 3' | 39 | 1 1/2 | 10.7 | 24R39-T38/57-0915 |
| | 1220 | 4' | 39 | 1 1/2 | 13.3 | 24R39-T38/57-1220 |
| | 1525 | 5' | 39 | 1 1/2 | 15.8 | 24R39-T38/57-1525 |
| | 1830 | 6' | 39 | 1 1/2 | 18.3 | 24R39-T38/57-1830 |
| | 3050 | 10' | 39 | 1 1/2 | 28.5 | 24R39-T38/57-3050 |
| | 3660 | 12' | 39 | 1 1/2 | 33.6 | 24R39-T38/57-3660 |
| | 4270 | 14' | 39 | 1 1/2 | 38.7 | 24R39-T38/57-4270 |
| | 4880 | 16' | 39 | 1 1/2 | 43.7 | 24R39-T38/57-4880 |
| | 5530 | 18'11/2" | 39 | 1 1/2 | 49.2 | 24R39-T38/57-5530 |
| | 6095 | 20' | 39 | 1 1/2 | 53.9 | 24R39-T38/57-6095 |
| | Hex.extension rod, T38-Hex32-T38 Flushing hole 9.6mm Шестигранная штанга Промывочное отверстие | 1220 | 4' | 32 | 1 1/4 | 8.6 |
| 1830 | | 6' | 32 | 1 1/4 | 12.6 | 23H32-T38-1830 |
| 2435 | | 8' | 32 | 1 1/4 | 16.6 | 23H32-T38-2435 |
| 3050 | | 10' | 32 | 1 1/4 | 20.8 | 23H32-T38-3050 |
| 3660 | | 12' | 32 | 1 1/4 | 24.9 | 23H32-T38-3660 |
| Double thread rod, T38-Round39-T38 Flushing hole 14.5mm Wrench flat 32mm Двухзаходная штанга Промывочное отверстие Шлиц под ключ | 3050 | 10' | 46 | 1 3/4 | 25.7 | 23R39-T38/2T38-3050 |
| | 3660 | 12' | 46 | 1 3/4 | 30.9 | 23R39-T38/2T38-3660 |
| Guide speedrod, T38-Round46-T38 Flushing hole 17mm Направляющая штанга Промывочное отверстие | 1830 | 6' | 46 | 1 3/4 | 23.5 | 24R46-T38/57-1830 |
| | 3050 | 10' | 46 | 1 3/4 | 37.2 | 24R46-T38/57-3050 |
| | 3660 | 12' | 46 | 1 3/4 | 44.0 | 24R46-T38/57-3660 |
| | 4270 | 14' | 46 | 1 3/4 | 50.9 | 24R46-T38/57-4270 |
| | 4880 | 16' | 46 | 1 3/4 | 57.7 | 24R46-T38/57-4880 |
| | 5530 | 18'11/2" | 46 | 1 3/4 | 65.0 | 24R46-T38/57-5530 |
| | 6095 | 20' | 46 | 1 3/4 | 71.3 | 24R46-T38/57-6095 |

T38

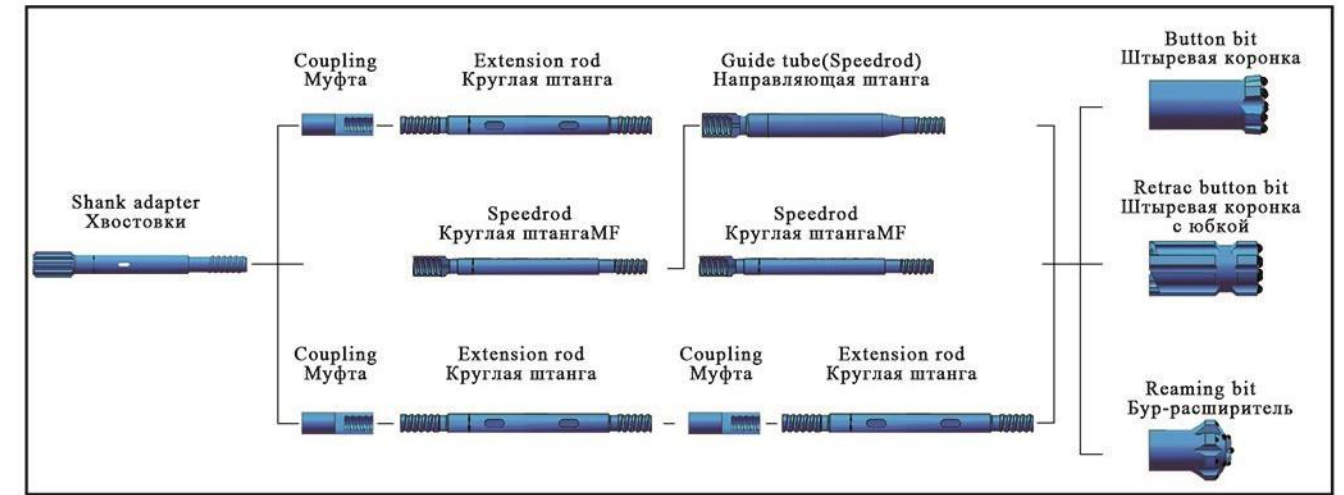
| Guide tube Направляющая штанга | Length Длина | | Diameter Диаметр | | Weight approx. Kg Вес кг | P/N Код |
|-----------------------------------|-----------------|-------------|---------------------|--------------|--------------------------------|-------------------|
| | mm | Foot Фут | mm | inch Дюйм | | |
| Guide tube | 1220 | 4' | 56 | 2 1/8 | 12.6 | 24G56-T38/56-1220 |
| D56 64-76 D64 76-89 | 1525 | 5' | 56 | 2 1/8 | 14 | 24G56-T38/56-1525 |
| D56 for bits from 64-76mm | 1830 | 6' | 56 | 2 1/8 | 17.4 | 24G56-T38/56-1830 |
| D64 for bits from 76-89mm | 3050 | 10' | 56 | 2 1/8 | 28.3 | 24G56-T38/56-3050 |
| Направляющая штанга | 3660 | 12' | 56 | 2 1/8 | 32.8 | 24G56-T38/56-3660 |
| D56 для коронки 64-76 | 4920 | 16'2" | 56 | 2 1/8 | 47.9 | 24G56-T38/56-4920 |
| D64 для коронки 76-89 | 3660 | 12' | 64 | 2 1/2 | 51 | 24G56-T38/56-3660 |
























| Coupling Муфта | Length Длина | | Diameter Диаметр | | Thread Резьба | Weight approx. Kg Вес кг | P/N Код |
|---------------------------|-----------------|-------------|---------------------|--------------|------------------|--------------------------------|---------------|
| | mm | Foot Фут | mm | inch Дюйм | | | |
| Coupling sleeves Муфта | 190 | 7 1/2 | 55 | 2 5/32 | T38 | 2.1 | 31-T38-55-190 |

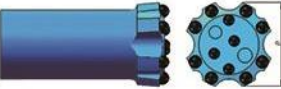





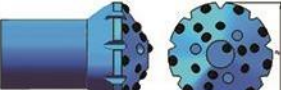


T45








| Drill bit Буровая коронка | Diameter Диаметр | | No X button diameter Вставки кол-во * диам. | | | Flushing hole Промывка | | Weight approx. kg Вес | P/N Код |
|---|--|--------------|--|-----------------|---------------|---------------------------|----------------|-----------------------------|---------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Button bit Штыревая коронка | Spherical buttons Сферические вставки | | | | | | | | |
|  | 70 | 2 3/4 | 4X11 | 8X11 | 40° | 2 | - | 2.3 | 1431-70T45-411/811 |
|  | 70 | 2 3/4 | 3X11,1X9 | 6X11 | 35° | 3 | - | 2.2 | 1433-70T45-411/611 |
|  | 70 | 2 3/4 | 4X10,1X10 | 8X11 | 35° | 4 | - | 2.2 | 1432-70T45-510/811 |
|  | 76 | 3 | 4X11 | 8X11 | 40° | 2 | - | 2.6 | 1431-76T45-411/811 |
|  | 76 | 3 | 5X11 | 8X12 | 35° | 2 | 1 | 2.6 | 1431-76T45-511/812 |
|  | 76 | 3 | 3X11,1X11 | 6X13 | 35° | 3 | - | 2.4 | 1433-76T45-411/613 |
|  | 76 | 3 | 4X11,1X11 | 8X12 | 35° | 4 | - | 2.6 | 1432-76T45-511/812 |
|  | 89 | 3 1/2 | 4X13 | 8X13 | 40° | 2 | - | 4.6 | 1431-89T45-413/813 |
|  | 89 | 3 1/2 | 6X11 | 8X12 | 35° | 2 | - | 4.6 | 1431-89T45-611/812 |
|  | 89 | 3 1/2 | 3X11,2X11 | 6X13 | 35° | 3 | 1 | 4.1 | 1433-86T45-511/613 |
|  | 89 | 3 1/2 | 4X11,1X11 | 8X12 | 35° | 4 | - | 4.6 | 1433-89T45-511/812 |
|  | 89 | 3 1/2 | 4X13,1X13 | 8X13 | 35° | 4 | - | 4.6 | 1432-89T45-513/813 |
|  | 102 | 4 | 5X14 | 8X14 | 40° | 2 | - | 5.0 | 1431-102T45-514/814 |
| | 102 | 4 | 6X13 | 8X16 | 40° | 2 | 1 | 5.0 | 1431-102T45-613/813 |
| | 102 | 4 | 3X13,2X13 | 6X14 | 35° | 3 | 1 | 4.5 | 1433-102T45-513/614 |
| | 102 | 4 | 4X13,1X13 | 8X14 | 35° | 4 | - | 4.5 | 1433-102T45-513/814 |
| | 102 | 4 | 4X13,2X13 | 8X13 | 35° | 4 | 1 | 4.5 | 1433-102T45-613/813 |
| | Parabolic buttons Параболические вставки | | | | | | | | |
|  | 70 | 2 3/4 | 3X11,1X9 | 6X11 | 35° | 3 | - | 2.2 | 1433-70T45-411/611 |
|  | 70 | 2 3/4 | 4X10,1X10 | 8X11 | 35° | 4 | - | 2.2 | 1432-70T45-510/811 |
|  | 76 | 3 | 4X11 | 8X11 | 40° | 2 | - | 2.6 | 1431-76T45-411/811 |
|  | 76 | 3 | 5X11 | 8X12 | 35° | 2 | 1 | 2.6 | 1431-76T45-511/812 |
|  | 76 | 3 | 3X11,1X11 | 6X13 | 35° | 3 | 1 | 2.4 | 1433-76T45-411/613 |
|  | 76 | 3 | 4X11,1X11 | 8X11 | 35° | 4 | - | 2.6 | 1432-76T45-511/811 |
|  | 76 | 3 | 4X11,1X11 | 8X12 | 35° | 4 | - | 2.6 | 1432-76T45-511/812 |
|  | 89 | 3 1/2 | 4X13 | 8X13 | 40° | 2 | - | 4.6 | 1431-89T45-413/813 |
| | 89 | 3 1/2 | 6X11 | 8X12 | 35° | 2 | - | 4.6 | 1431-89T45-611/812 |
| | 89 | 3 1/2 | 3X11,2X11 | 6X13 | 35° | 3 | 1 | 4.1 | 1433-89T45-511/613 |
| | 89 | 3 1/2 | 4X11,1X11 | 8X12 | 35° | 4 | - | 4.6 | 1433-89T45-511/812 |
| | 89 | 3 1/2 | 4X13,1X13 | 8X13 | 35° | 4 | - | 4.6 | 1432-89T45-513/813 |

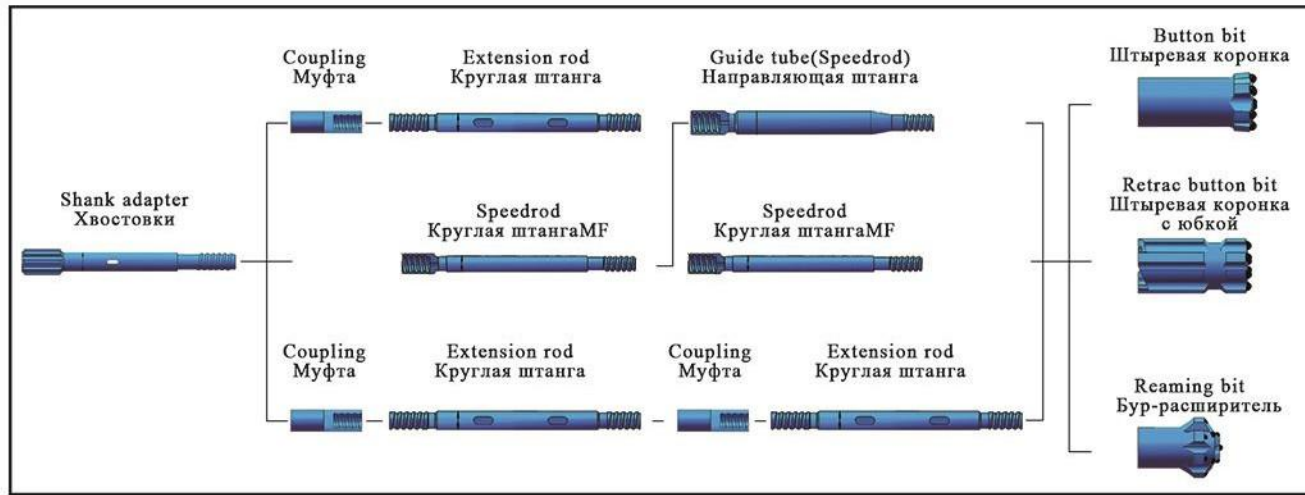
T45

| Drill bit Бурвая Коронка | Diameter Диаметр | | No X button diameter Вставки кол-во * диам. | | | Flushing hole Промывка | | Weight approx kg Вес | P/N Код |
|---|---------------------|--------------|--|-----------------|---------------|---------------------------|----------------|-------------------------------|----------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Retrac Button Bit Штыревая коронка с юбкой | | | | | | | | | |
| Spherical buttons Сферические вставки | | | | | | | | | |
|  | 70 | 2 3/4 | 4x11 | 8x11 | 40° | 2 | - | 2.5 | 1531-70T45-411/811 |
| | 70 | 2 3/4 | 3x11,1x9 | 6x11 | 35° | 3 | - | 2.5 | 1533-70T45-411/611 |
| | 70 | 2 3/4 | 4x10,1x10 | 8x11 | 35° | 4 | - | 2.5 | 1632-70T45-510/811 |
| | 76 | 3 | 4x11 | 8x11 | 40° | 2 | - | 3.2 | 1531-76T45-411/811 |
| | 76 | 3 | 5x11 | 8x11 | 35° | 2 | 1 | 3.2 | 1531-76T45-511/812 |
| | 76 | 3 | 3x11,1x11 | 8x12 | 35° | 3 | - | 3.2 | 1533-76T45-411/613 |
| | 76 | 3 | 4x11,1x11 | 6x13 | 35° | 4 | - | 3.2 | 1632-76T45-511/811 |
| | 76 | 3 | 4x11,1x11 | 8x11 | 35° | 4 | - | 3.2 | 1632-76T45-511/812 |
|  | 89 | 3 1/2 | 4x13 | 8x12 | 40° | 2 | - | 5.4 | 1531-89T45-413/813 |
| | 89 | 3 1/2 | 6x11 | 8x13 | 35° | 2 | - | 5.4 | 1531-89T45-611/812 |
| | 89 | 3 1/2 | 3x11,2x11 | 8x12 | 35° | 3 | 1 | 5.4 | 1533-89T45-511/613 |
| | 89 | 3 1/2 | 4x11,1x11 | 6x13 | 35° | 4 | - | 5.4 | 1533-89T45-511/813 |
| | 89 | 3 1/2 | 4x13,1x13 | 8x12 | 35° | 4 | - | 5.4 | 1632-89T45-513/813 |
|  | 102 | 4 | 5x14 | 8x14 | 40° | 2 | - | 6.8 | 1531-102T45-514/814 |
| | 102 | 4 | 6x13 | 8x16 | 40° | 2 | 1 | 6.8 | 1531-102T45-613/816 |
| | 102 | 4 | 3x13,2x13 | 6x14 | 35° | 3 | 1 | 6.8 | 1533-102T45-513/614 |
| | 102 | 4 | 4x13,1x13 | 8x14 | 35° | 4 | - | 6.8 | 1533-120T45-513/814 |
| | 102 | 4 | 4x13,2x13 | 8x13 | 35° | 4 | 1 | 6.8 | 1533-102T45-613/813 |
| Parabolic buttons Параболические вставки | | | | | | | | | |
|  | 70 | 2 3/4 | 3x11,1x9 | 6x11 | 35° | 3 | - | 2.5 | 1533-70T45-411/611 |
| | 70 | 2 3/4 | 4x10,1x10 | 8x11 | 35° | 4 | - | 2.5 | 1632-70T45-510/811 |
| | 76 | 3 | 4x11 | 8x11 | 40° | 2 | - | 3.2 | 1531-76T45-411/811 |
| | 76 | 3 | 5x11 | 8x12 | 35° | 2 | 1 | 3.2 | 1531-76T45-511/812 |
|  | 76 | 3 | 3x11,1x11 | 6x13 | 35° | 3 | 1 | 3.2 | 1533-76T45-411/613 |
| | 76 | 3 | 4x11,1x11 | 8x11 | 35° | 4 | - | 3.2 | 1632-76T45-511/811 |
| | 76 | 3 | 4x11,1x11 | 8x12 | 35° | 4 | - | 3.2 | 1632-76T45-511/812 |
| | 89 | 3 1/2 | 4x13 | 8x13 | 40° | 2 | - | 5.4 | 1531-89T45-413/813 |
|  | 89 | 3 1/2 | 6x11 | 8x12 | 35° | 2 | - | 5.4 | 1531-89T45-611/812 |
| | 89 | 3 1/2 | 3x11,2x11 | 6x13 | 35° | 3 | 1 | 5.4 | 1533-89T45-511/613 |
| | 89 | 3 1/2 | 4x11,1x11 | 8x12 | 35° | 4 | - | 5.4 | 1533-89T45-511/812 |
| | 89 | 3 1/2 | 4x13,1x13 | 8x13 | 35° | 4 | - | 5.4 | 1632-89T45-513/813 |
| Dome bit for reaming Бур-расширитель | | | | | | | | | |
| Spherical buttons Сферические вставки | | | | | | | | | |
|  | 127 | 5 | 1x13 | 18x13 | 35° | 3 | 1 | 6.0 | 1441-127T45-113/1813 |
| | 152 | 6 | 2x14 | 18x14 | 35° | 3 | 1 | 10.6 | 1441-152T45-214/1814 |
| Parabolic buttons Параболические вставки | | | | | | | | | |
| | 127 | 5 | 1x13 | 18x13 | 35° | 3 | 1 | 6.0 | 1441-127T45-113/1813 |
| | 152 | 6 | 2x14 | 18x14 | 35° | 3 | 1 | 10.6 | 1441-152T45-214/1814 |

T45

| Drill rod Буровая штанга | Length Длина | | Diameter Диаметр | | Weight approx. Kg Вес кг | P/N Код | |
|---|-----------------|-------------|---------------------|--------------|-----------------------------------|-----------------------------------|------------|
| | mm | Foot Фут | mm | inch Дюйм | | | |
| Extension rod, Flushing hole 17mm Wrench flat 38mm  | 1830 | 6' | 46 | 1 3/4 | 21.6 | 23R46-T45-1830 | |
| | 2435 | 8' | 46 | 1 3/4 | 28.3 | 23R46-T45-2435 | |
| | 3050 | 10' | 46 | 1 3/4 | 35.2 | 23R46-T45-3050 | |
| | 3660 | 12' | 46 | 1 3/4 | 42.1 | 23R46-T45-3660 | |
| | 4270 | 14' | 46 | 1 3/4 | 48.9 | 23R46-T45-4270 | |
| | 5530 | 18' | 46 | 1 3/4 | 63.0 | 23R46-T45-5530 | |
| | 6095 | 20' | 46 | 1 3/4 | 69.3 | 23R46-T45-6095 | |
| MF- rod, T45-Round46-T45 Flushing hole 17mm  | 1525 | 5' | 46 | 1 3/4 | 21.2 | 24R46-T45/65-1525 | |
| | 1830 | 6' | 46 | 1 3/4 | 24.6 | 24R46-T45/65-1830 | |
| | 3050 | 10' | 46 | 1 3/4 | 38.2 | 24R46-T45/65-3050 | |
| | 3660 | 12' | 46 | 1 3/4 | 45.0 | 24R46-T45/65-3660 | |
| | 4270 | 14' | 46 | 1 3/4 | 51.9 | 24R46-T45/65-4270 | |
| | 5530 | 18' | 46 | 1 3/4 | 66.0 | 24R46-T45/65-5530 | |
| | 6095 | 20' | 46 | 1 3/4 | 72.3 | 24R46-T45/65-6095 | |
| Guide speedrod, T45-Round52-T45 Flushing hole 21.5mm  | 3050 | 10' | 52 | 2 | 46.6 | 24G64-T45/64-1220 | |
| | 3660 | 12' | 52 | 2 | 55.8 | 24G64-T45/64-3660 | |
| | 4270 | 14' | 52 | 2 | 63.8 | 24G64-T45/64-4270 | |
| | 5530 | 18' | 52 | 2 | 81.5 | 24G64-T45/64-5530 | |
| | 6095 | 20' | 52 | 2 | 89.4 | 24G64-T45/64-6095 | |
| Guide tube Направляющая штанга  | Length Длина | | Diameter Диаметр | | Weight approx. Kg Вес кг | P/N Код | |
| | mm | Foot Фут | mm | inch Дюйм | | | |
| | 1220 | 4' | 64 | 2 1/8 | 12.6 | 24G64-T45/64-1220 | |
| | 1525 | 5' | 64 | 2 1/8 | 14.0 | 24G64-T45/64-1525 | |
| | 1830 | 6' | 64 | 2 1/8 | 17.4 | 24G64-T45/64-1830 | |
| | 3050 | 10' | 64 | 2 1/8 | 28.3 | 24G64-T45/64-3050 | |
| | 3660 | 12' | 64 | 2 1/8 | 32.8 | 24G64-T45/64-3660 | |
| 1830 | 6' | 76 | 3 | 40.0 | 24G64-T45/76-1830 | | |
| 3660 | 12' | 76 | 3 | 77.8 | 24G64-T45/76-3660 | | |
| Coupling Муфта  | Length Длина | | Diameter Диаметр | | Thread Резьба | Weight approx. Kg Вес кг | P/N Код |
| | mm | Foot Фут | mm | inch Дюйм | | | |
| 210 | 8 1/4 | 63 | 2 33/64 | T45 | 3.0 | 31-T45-63-210 | |
| 210 | 8 1/4 | 66 | 2 37/64 | T45 | 3.3 | 31-T45-66-210 | |

T51



| Drill bit Буровая коронка | Diameter Диаметр | | No X button diameter Вставки кол-во * диам. | | | Flushing hole Промывка | | Weight approx kg Вес | P/N Код |
|---|--|--------------|--|-----------------|---------------|---------------------------|----------------|----------------------------|----------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Button bit Штыревая коронка | Spherical buttons Сферические вставки | | | | | | | | |
| | 89 | 3 1/2 | 4 x 13 | 8 x 13 | 40° | 2 | - | 4.9 | 1431-89T51-413/813 |
| | 89 | 3 1/2 | 5 x 13 | 8 x 13 | 35° | 2 | 1 | 4.9 | 1431-89T51-513/813 |
| | 89 | 3 1/2 | 3x11,2x11 | 6 x 13 | 35° | 4 | - | 4.9 | 1433-89T51-511/613 |
| | 89 | 3 1/2 | 4x11,1x11 | 8 x 13 | 35° | 4 | - | 4.9 | 1433-89T51-511/813 |
| | 89 | 3 1/2 | 4x13,1x13 | 8 x 13 | 35° | 4 | - | 4.9 | 1432-89T51-513/813 |
| | 102 | 4 | 4 x 14 | 8 x 14 | 40° | 2 | - | 5.8 | 1431-102T51-414/814 |
| | 102 | 4 | 6 x 13 | 8 x 16 | 35° | 2 | 1 | 5.8 | 1431-102T51-613/816 |
| | 102 | 4 | 3x13,2x13 | 6 x 14 | 35° | 3 | 1 | 5.2 | 1433-102T51-513/614 |
| | 102 | 4 | 4x13,1x13 | 8 x 14 | 35° | 4 | - | 5.8 | 1433-102T51-513/814 |
| | 102 | 4 | 4x13,2x13 | 8 x 13 | 35° | 4 | 1 | 5.8 | 1433-102T51-613/813 |
| | 115 | 4 1/2 | 6 x 14 | 8 x 14 | 35° | 2 | - | 6.8 | 1431-115T51-614/814 |
| | 115 | 4 1/2 | 6 x 14 | 8 x 16 | 35° | 2 | - | 6.8 | 1431-115T51-614/816 |
| | 115 | 4 1/2 | 4x13,2x13 | 8 x 14 | 35° | 4 | - | 6.8 | 1433-115T51-613/814 |
| | 115 | 4 1/2 | 4x13,3x13 | 8 x 14 | 35° | 4 | - | 6.8 | 1433-115T51-713/814 |
| | 115 | 4 1/2 | 4x14,2x14 | 8 x 16 | 35° | 4 | - | 6.8 | 1433-115T51-614/816 |
| | 127 | 5 | 8 x 14 | 8 x 16 | 35° | 2 | 1 | 7.5 | 1431-127T51-814/816 |
| | 127 | 5 | 4x16,2x13 | 8 x 16 | 35° | 4 | - | 7.5 | 1433-127T51-616/816 |
| | 127 | 5 | 4x14,3x14 | 8 x 14 | 35° | 4 | - | 7.5 | 1433-127T51-714/814 |
| Retrac button bit Штыревая коронка с юбкой | Parabolic buttons Параболические вставки | | | | | | | | |
| | 89 | 3 1/2 | 5 x 13 | 8 x 13 | 35° | 2 | 1 | 4.9 | 1431-89T51-513/813 |
| | 89 | 3 1/2 | 3x11,2x11 | 6 x 13 | 35° | 4 | - | 4.9 | 1433-89T51-511/613 |
| | 89 | 3 1/2 | 4x11,1x11 | 8 x 13 | 35° | 4 | - | 4.9 | 1433-89T51-511/813 |
| | 89 | 3 1/2 | 4x13,1x13 | 8 x 13 | 40° | 4 | - | 4.9 | 1432-89T51-513/813 |
| | 102 | 4 | 4 x 14 | 8 x 14 | 35° | 2 | - | 5.8 | 1431-102T51-414/814 |
| | 102 | 4 | 6 x 13 | 8 x 16 | 35° | 2 | 1 | 5.8 | 1431-102T51-613/816 |
| | 102 | 4 | 3x13,2x13 | 6 x 14 | 35° | 3 | 1 | 5.2 | 1433-102T51-513/614 |
| | 102 | 4 | 4x13,1x13 | 8 x 14 | 35° | 4 | - | 5.8 | 1433-102T51-513/814 |
| | 102 | 4 | 4x13,2x13 | 8 x 13 | 35° | 4 | 1 | 5.8 | 1433-102T51-613/813 |
| | 115 | 4 1/2 | 6 x 14 | 8 x 16 | 35° | 2 | - | 6.8 | 1431-115T51-614/816 |
| | 115 | 4 1/2 | 4x13,2x13 | 8 x 14 | 35° | 4 | - | 6.8 | 1433-115T51-613/814 |
| | 115 | 4 1/2 | 4x13,3x13 | 8 x 14 | 35° | 4 | - | 6.8 | 1433-115T51-713/814 |
| | 115 | 4 1/2 | 4x14,2x14 | 8 x 16 | 35° | 4 | - | 6.8 | 1433-115T51-614/816 |
| Reaming bit Бур-расширитель | Spherical buttons Сферические вставки | | | | | | | | |
| | 152 | 6 | 2x14 | 18x14 | 35° | 3 | 1 | 10.6 | 1441-152T51-214/1814 |
| | Parabolic buttons Параболические вставки | | | | | | | | |
| | 152 | 6 | 2x14 | 18x14 | 35° | 3 | 1 | 10.6 | 1441-152T51-214/1814 |

T51

| Drill bit Буровая коронка | Diameter Диаметр | | No X button diameter Вставки кол-во * диам. | | | Flushing hole Промывка | | Weight approx kg Вес | P/N Код |
|---|--|--------------|--|-----------------|---------------|---------------------------|----------------|----------------------------|----------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | |
| Retrac Button bit Штыревая коронка с юбкой | Spherical buttons Сферические вставки | | | | | | | | |
| | 89 | 3 1/2 | 4 x 13 | 8 x 13 | 40° | 2 | - | 5.3 | 1531-89T51-413/813 |
| | 89 | 3 1/2 | 5 x 13 | 8 x 13 | 35° | 2 | 1 | 5.3 | 1531-89T51-513/813 |
| | 89 | 3 1/2 | 3x11,2x11 | 6 x 13 | 35° | 4 | - | 5.3 | 1533-89T51-511/613 |
| | 89 | 3 1/2 | 4x11,1x11 | 8 x 13 | 35° | 4 | - | 5.3 | 1533-89T51-511/813 |
| | 89 | 3 1/2 | 4x13,1x13 | 8 x 13 | 35° | 4 | - | 5.3 | 1632-89T51-513/813 |
| | 102 | 4 | 4 x 14 | 8 x 14 | 40° | 2 | - | 7.3 | 1531-102T51-414/814 |
| | 102 | 4 | 6 x 13 | 8 x 16 | 35° | 2 | 1 | 7.3 | 1531-102T51-613/816 |
| | 102 | 4 | 4x13,1x13 | 8 x 14 | 35° | 4 | - | 7.3 | 1533-102T51-513/814 |
| | 102 | 4 | 4x13,2x13 | 8 x 13 | 35° | 4 | 1 | 7.3 | 1533-102T51-613/813 |
| | 102 | 4 | 4x13,1x13 | 8 x 14 | 35° | 4 | 1 | 7.3 | 1533-102T51-513/814 |
| | 115 | 4 1/2 | 6 x 14 | 8 x 14 | 35° | 2 | - | 9.8 | 1531-115T51-614/814 |
| | 115 | 4 1/2 | 6 x 14 | 8 x 16 | 35° | 2 | - | 9.8 | 1531-115T51-614/816 |
| | 115 | 4 1/2 | 4x13,2x13 | 8 x 14 | 35° | 4 | - | 9.8 | 1533-115T51-613/814 |
| | 115 | 4 1/2 | 4x13,3x13 | 8 x 14 | 35° | 4 | - | 9.8 | 1533-115T51-713/814 |
| | 115 | 4 1/2 | 4x14,2x14 | 8 x 16 | 35° | 4 | - | 9.8 | 1533-115T51-614/816 |
| | 127 | 5 | 8 x 14 | 8 x 16 | 35° | 2 | 1 | 12.0 | 1531-127T51-814/816 |
| | 127 | 5 | 4x16,2x13 | 8 x 16 | 35° | 4 | - | 12.0 | 1533-127T51-616/816 |
| | 127 | 5 | 4x14,3x14 | 8 x 14 | 35° | 4 | - | 12.0 | 1533-127T51-714/814 |
| Dome bit for reaming Бур-расширитель | Spherical buttons Сферические вставки | | | | | | | | |
| | 152 | 6 | 2x14 | 18x14 | 35° | 3 | 1 | 10.6 | 1441-152T51-214/1814 |
| | Parabolic buttons Параболические вставки | | | | | | | | |
| | 152 | 6 | 2x14 | 18x14 | 35° | 3 | 1 | 10.6 | 1441-152T51-214/1814 |

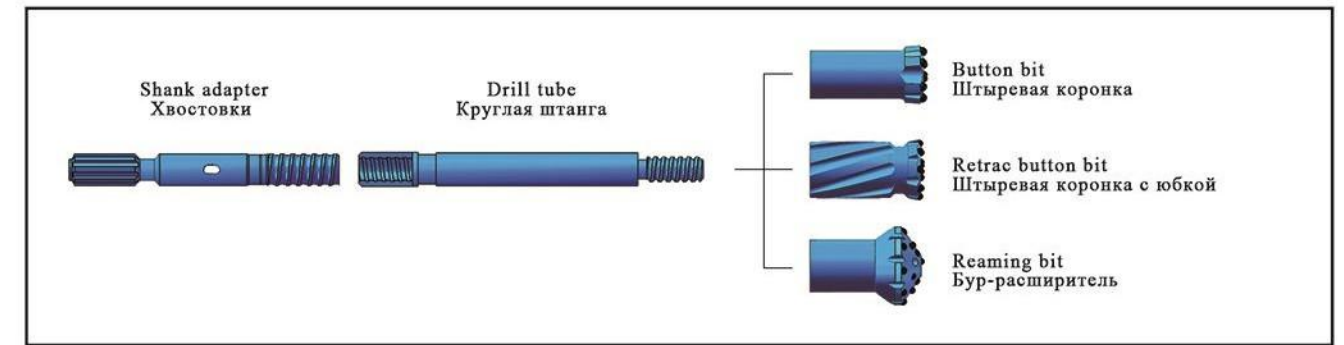
T51

| Drill rod Буровая штанга | Length Длина | | Diameter Диаметр | | Weight approx. Kg Вес кг | P/N Код | |
|--|---|--|--|--|--------------------------------------|--|--|
| | mm | Foot Фут | mm | inch Дюйм | | | |
| Extension rod T51-Round52-T51 Flushing hole 21.5mm Wrench flat 45mm | Круглая штанга Промывочное отверстие Шлиц под ключ | 3050 3660 4270 4880 5530 6095 | 10' 12' 14' 16' 18' 20' | 52 52 52 52 52 52 | 2 2 2 2 2 2 | 45.3 54.1 63.0 71.8 81.2 89.4 | 23R52-T51-3050 23R52-T51-3660 23R52-T51-4270 23R52-T51-4880 23R52-T51-5530 23R52-T51-6095 |
| MF - rod, T51-Round52-T51 Flushing hole 21.5mm | Круглая штанга MF Промывочное отверстие | 1525 1830 3050 3660 4270 4880 5530 6095 | 5' 6' 10' 12' 14' 16' 18' 20' | 52 52 52 52 52 52 52 52 | 2 2 2 2 2 2 2 2 | 26.2 30.6 48.3 57.1 66.0 74.8 84.2 92.4 | 24R52-T51/72-1525 24R52-T51/72-1830 24R52-T51/72-3050 24R52-T51/72-3660 24R52-T51/72-4270 24R52-T51/72-4880 24R52-T51/72-5530 24R52-T51/72-6095 |

| Guide tube Направляющая штанга | Length Длина | | Diameter Диаметр | | Weight approx. Kg Вес кг | P/N Код |
|--|----------------------|------------------|---------------------|-----------------|-----------------------------------|---|
| | mm | Foot Фут | mm | inch Дюйм | | |
| Guide rod D76 89-102 D87 102-127 D76 for bits from 89-102mm D87 for bits from 102-127mm | 1830 3660 3660 | 6' 12' 12' | 76 76 87 | 3 3 3 1/2 | 42.0 81.0 86.0 | 24G76-T51/76-1830 24G76-T51/76-3660 24G87-T51/87-3660 |
| Направляющая штанга D76 для коронки 89-102 D87 для коронки 102-127 | | | | | | |

| Coupling Муфта | Length Длина | | Diameter Диаметр | | Thread Резьба | Weight approx. Kg Вес кг | P/N Код |
|---------------------------|--------------------------|----------------------------------|----------------------|---------------------------------|--------------------------|-----------------------------------|--|
| | mm | Foot Фут | mm | inch Дюйм | | | |
| Coupling sleeves Муфта | 225 225 235 235 | 8 7/8 8 7/8 9 1/4 9 1/4 | 71 76 72 77 | 2 51/64 3 2 7/8 3 1/32 | T51 T51 T51 T51 | 4.6 4.8 4.7 4.9 | 31-T51-71-225 31-T51-76-225 31-T51-72-235 31-T51-77-235 |
| | | | | | | | |

ST58



| Drill bit Буровая коронка | Diameter Диаметр | | No X button diameter Вставки кол-во * диам. | | | Flushing hole Промывка | | Weight approx. kg Вес | P/N Код | |
|--------------------------------------|--|---------------------------------------|--|-----------------|---------------|---------------------------|----------------|--------------------------------|----------------------|---------------------|
| | mm | Inch Дюйм | Front Центр. | Gauge Переф. | Angle Угол | Front Центр. | Side Боков. | | | |
| Button bit Штыревая коронка | Spherical buttons Сферические вставки | | | | | | | | | |
| | 89 | 3 1/2 | 6x12 | 8x12 | 35° | 2 | 1 | 4.1 | 1431-89ST58-612/812 | |
| | 89 | 3 1/2 | 6x13 | 8x13 | 35° | 2 | 1 | 4.1 | 1431-89ST58-613/813 | |
| | 89 | 3 1/2 | 4x13,1x13 | 8x13 | 35° | 4 | - | 4.1 | 1432-89ST58-513/813 | |
| | 89 | 3 1/2 | 4x12,2x12 | 8x12 | 35° | 4 | - | 4.1 | 1433-89ST58-612/812 | |
| | 95 | 3 3/4 | 4x13,1x13 | 8x14 | 35° | 4 | - | 4.6 | 1433-95ST58-513/814 | |
| | 102 | 4 | 6x14 | 8x14 | 35° | 2 | - | 6.0 | 1431-102ST58-614/814 | |
| | 102 | 4 | 6x13 | 8x16 | 35° | 2 | 1 | 6.0 | 1431-102ST58-613/816 | |
| | 115 | 4 1/2 | 6x14 | 8x16 | 35° | 2 | - | 7.0 | 1431-115ST58-614/816 | |
| | Parabolic buttons Параболические вставки | | | | | | | | | |
| | | 89 | 3 1/2 | 6x12 | 8x12 | 35° | 2 | 1 | 4.1 | 1431-89ST58-612/812 |
| 89 | | 3 1/2 | 6x13 | 8x13 | 35° | 2 | 1 | 4.1 | 1431-89ST58-613/813 | |
| 89 | | 3 1/2 | 4x13,1x13 | 8x13 | 35° | 4 | - | 4.1 | 1432-89ST58-513/813 | |
| 89 | | 3 1/2 | 4x12,2x12 | 8x12 | 35° | 4 | - | 4.1 | 1433-89ST58-612/812 | |
| 95 | | 3 3/4 | 4x13,1x13 | 8x14 | 35° | 4 | - | 4.6 | 1433-95ST58-513/814 | |
| 102 | | 4 | 6x14 | 8x14 | 35° | 2 | - | 6.0 | 1431-102ST58-614/814 | |
| 102 | | 4 | 6x13 | 8x16 | 35° | 2 | 1 | 6.0 | 1431-102ST58-613/816 | |
| 115 | | 4 1/2 | 6x14 | 8x16 | 35° | 2 | - | 7.0 | 1431-115ST58-614/816 | |
| Retrac Button bit Бур-расширитель | | Spherical buttons Сферические вставки | | | | | | | | |
| | | 89 | 3 1/2 | 6x12 | 8x14 | 35° | 2 | 1 | 5.1 | 1531-89ST58-612/814 |
| | 89 | 3 1/2 | 4x13 1x13 | 8x13 | 35° | 4 | - | 5.1 | 1632-89ST58-513/813 | |
| | 102 | 4 | 7x12 | 8x14 | 35° | 2 | 1 | 6.5 | 1531-102ST58-712/814 | |
| | 115 | 4 1/2 | 6x14 | 8x16 | 35° | 2 | - | 8.5 | 1531-115ST58-614/816 | |
| | Parabolic buttons Параболические вставки | | | | | | | | | |
| | 89 | 3 1/2 | 6x12 | 8x14 | 35° | 2 | 1 | 5.1 | 1531-89ST58-612/814 | |
| | 89 | 3 1/2 | 4x13,1x13 | 8x13 | 35° | 4 | - | 5.1 | 1632-89ST58-513/813 | |
| | 102 | 4 | 7x12 | 8x14 | 35° | 2 | 1 | 6.5 | 1531-102ST58-712/814 | |
| | 115 | 4 1/2 | 6x14 | 8x16 | 35° | 2 | - | 8.5 | 1531-115ST58-614/816 | |