

Top hammer drilling tools

Product Catalogue

Catálogo de productos

Каталог продукции



Shandong Drill T Mining Machinery Co.,Ltd

2022.03



About Us

Acerca de nosotros

О компании



Shandong Drill T Mining Machinery Co.,Ltd is a modern high-tech enterprise specializing in researching and manufacturing of rock drilling tools and pneumatic tools,It mainly studies and manufactures high-pressure DTH hammer,DTH drilling bit,drill pipes and Top hammer drilling tools,and Anchor drill pipe,anchor drill bit.The products are widely used in earthwork,mining,water well engineering and construction,geothermal drilling,municipal engineering,etc.



Shandong Drill T Mining Machinery Co., Ltd. Es una empresa Moderna de alta tecnología especializada en herramientas de perforación de rocas y herramientas neumáticas, que se dedica principalmente a la investigación y producción de martillo de perforación sumergible de alta presión, taladro de perforación sumergible, tubo de perforación y herramientas de perforación de martillo superior, tubo de perforación de anclaje.Taladro de perno. Los productos se utilizan ampliamente en la tierra, minas, ingeniería de pozos y construcción, perforación geotérmica, ingeniería municipal, etc.



шаньдунская компания по производству горных машин является современным высокотехнологичным предприятием, специализирующимся на разработке и производстве буровых инструментов, пневматических инструментов, главным образом, на исследованиях и производстве высоковольтных противолодочных Молотов, долотов погружного бурения, бурильных труб и бурильных инструментов верхнего молота, якорных бурильных труб, продукты широко применяются в земляных работах, шахтах, скважинах, строительстве, геотермальном бурении, муниципальных работах и т.д.

Drill T



Drill T



- ◆ Heat treatment process is to make the workpiece have higher hardness and wear resistance.
- ◆ El proceso de tratamiento térmico es hacer que la pieza de trabajo tenga una alta dureza y resistencia al desgaste.
- ◆ Термический процесс предназначен для того, чтобы сделать артефакт более жестким и устойчивым.



- International standard laboratory: used for testing the atomic structure of metals to ensure the best quality of products.
- Laboratorio estándar internacional: para probar la estructura atómica del metal para asegurar la mejor calidad de los productos.
- Международная стандартная лаборатория: тестирование атомной структуры металлов и обеспечение оптимальной массы продукции.



- We have advanced production equipment, a group of responsible professional and technical personnel.
- Tenemos equipos de fabricación avanzados, un grupo de técnicos profesionales responsables.
- нас есть современное оборудование, Группа ответственных специалистов.



- ❖ We have a strong production capacity, products exported to more than 30 countries and regions around the world.
- ❖ Tenemos una fuerte capacidad de producción y exportamos nuestros productos a más de 30 países y regiones en todo el mundo.
- ❖ У нас есть мощная производственная мощность, Продукция поставляется более чем в 30 странах и регионах по всему миру.

Button bit insert types



Type: Hemispherical button

Tipo: botón hemisférico

Тип: полусферическая кнопка

- Application: Best suited to hard ground
- Aplicación: para el suelo duro
- Применим к твердой земле
- ◆ Rock Strength: 170 to 300 MPa
- ◆ Fuerza de la roca: 170~300 MPa
- ◆ Интенсивность горных пород :170 — 300 MPa



Type: Parabolic button (Semi ballistic)

Tipo: botón parabólico (semi-balístico)

Тип: параболическая кнопка (полубаллистическая)

- Application: Best suited to medium hard ground
- Aplicación: Mejor para suelos medio-duros
- Приложение: для камней средней твердости
- ◆ Rock Strength: 100 to 170 MPa
- ◆ Fuerza de la roca: 100~170 MPa
- ◆ Интенсивность горных пород :100 — 170 MPa



Type: Ballistic button

Tipo: botón balístico

Тип: Баллистическая кнопка

- Application: Best suited to soft ground
- Aplicación: Adecuado para rocas blandas
- Приложение: Применимо к мягким скалам
- ◆ Rock Strength: 70 to 140 MPa
- ◆ Fuerza de la roca: 70~140 MPa
- ◆ Интенсивность горных пород :70 — 140 MPa

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Small hole drilling

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6 ►

Tapered tools, 12° taper 1

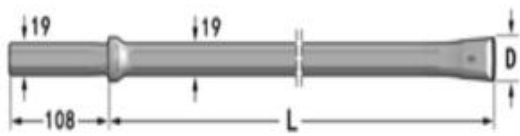
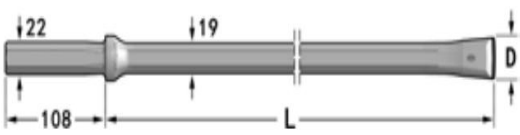
7~8 ►

Rock drill and pneumatic pick

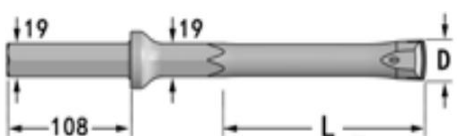
9~12 ►

Small hole drilling

H19 (3/4")Integral drill steels

	Series	Length		Bit diameter		Weight	Drill T Part No.
		mm	ft/in	mm	inch	kg	
Shank 19x108mm (3/4" x 4 1/4") 	21	400	1' 4"	29	1 5/32"	1.3	IR-H19-19/108-0400-29
		500	1' 8"	29	1 5/32"	1.5	IR-H19-19/108-0500-29
		800	2' 7"	28	1 1/8"	2.2	IR-H19-19/108-0800-28
		1200	3' 11"	27	1 1/16"	3.0	IR-H19-19/108-1200-27
		1600	5' 3"	27	1 1/16"	4.0	IR-H19-19/108-1600-27
		2400	7' 10"	26	1 1/32"	5.7	IR-H19-19/108-2400-26
		3200	10' 6"	25	1"	7.5	IR-H19-19/108-3200-25
		4000	13' 1"	24	15/16"	9.2	IR-H19-19/108-4000-24
	22	400	1' 4"	24	15/16"	1.3	IR-H19-19/108-0400-24
		800	2' 7"	23	29/32"	2.2	IR-H19-19/108-0800-23
	24	600	2'	27	1 1/16"	1.7	IR-H19-19/108-0600-27
		1200	3' 11"	26	1 1/32"	3.1	IR-H19-19/108-1200-26
		2400	7' 10"	24	15/16"	5.7	IR-H19-19/108-2400-24
Shank 22x108mm (7/8" x 4 1/4") 	25	400	1' 4"	24	15/16"	1.4	IR-H19-22/108-0400-24
		400	1' 4"	29	1 5/32"	1.4	IR-H19-22/108-0400-29
		800	2' 7"	28	1 1/8"	2.3	IR-H19-22/108-0800-28
		1600	5' 3"	27	1 1/16"	4.0	IR-H19-22/108-1600-27
		2400	7' 10"	26	1 1/32"	5.8	IR-H19-22/108-2400-26

H19 Stone working tools

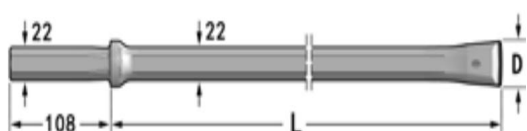
	Series	Length		Bit diameter		Weight	Drill T Part No.
		mm	ft/in	mm	inch	kg	
Plug hole integral steel 	26	150	6"	17	21/32"	0.6	PIR-H19-19/108-0150-17
		160	6 1/4"	20	25/32"	0.7	PIR-H19-19/108-0160-20
		200	7 7/8"	20	25/32"	0.8	PIR-H19-19/108-0200-20
		240	9 29/64"	20	25/32"	0.8	PIR-H19-19/108-0240-20
		280	11 1/32"	20	25/32"	0.9	PIR-H19-19/108-0280-20
		310	11 1/4"	20	25/32"	1.0	PIR-H19-19/108-0310-20
		160	6 1/4"	22	7/8"	0.7	PIR-H19-19/108-0160-22
		190	7 1/2"	22	7/8"	0.8	PIR-H19-19/108-0190-22

Small hole drilling

 H22 (7/8")Integral drill steels

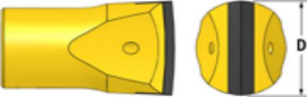
Series	Length		Bit diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
11	800	2' 7"	34	1 11/32"	3.0	IR-H22-22/108-0800-34
	1600	5' 3"	33	1 19/64"	5.4	IR-H22-22/108-1600-33
	2400	7' 10"	32	1 1/4"	7.9	IR-H22-22/108-2400-32
	3200	10' 6"	31	1 7/32"	10.3	IR-H22-22/108-3200-31
	4000	13' 1"	30	1 3/16"	12.6	IR-H22-22/108-4000-30
	4800	15' 9"	29	1 9/64"	15.1	IR-H22-22/108-4800-29
	5600	18' 4"	28	1 7/64"	17.6	IR-H22-22/108-5600-28
	6400	21"	27	1 1/16"	19.9	IR-H22-22/108-6400-27
	7200	23' 8"	26	1 1/32"	122.3	IR-H22-22/108-7200-26
12	800	2' 7"	40	1 37/64"	3.0	IR-H22-22/108-0800-40
	1600	5' 3"	39	1 17/32"	5.4	IR-H22-22/108-1600-39
	2400	7' 10"	38	1 1/2"	7.9	IR-H22-22/108-2400-38
	3200	10' 6"	37	1 29/64"	10.3	IR-H22-22/108-3200-37
	4000	13' 1"	36	1 27/64"	12.6	IR-H22-22/108-4000-36
	4800	15' 9"	35	1 3/8"	15.1	IR-H22-22/108-4800-35
	5600	18' 4"	34	1 11/32"	17.6	IR-H22-22/108-5600-34
	6400	21"	33	1 19/64"	19.9	IR-H22-22/108-6400-33
	7200	23' 8"	32	1 1/4"	22.3	IR-H22-22/108-7200-32
13	400	1' 4"	34	1 11/32"	1.8	IR-H22-22/108-0400-34
	800	2' 7"	33	1 19/64"	3.0	IR-H22-22/108-0800-33
	1200	3' 11"	32	1 1/4"	4.2	IR-H22-22/108-1200-32
	1600	5' 3"	31	1 7/32"	5.3	IR-H22-22/108-1600-31
	2000	6' 7"	30	1 3/16"	6.5	IR-H22-22/108-2000-30
16	600	2'	35	1 3/8"	2.4	IR-H22-22/108-0600-35
	1200	3' 11"	34	1 11/32"	4.2	IR-H22-22/108-1200-34
	1800	5' 11"	33	1 19/64"	6.1	IR-H22-22/108-1800-33
	2400	7' 10"	32	1 1/4"	7.9	IR-H22-22/108-2400-32
17	600	2'	41	1 5/8"	2.4	IR-H22-22/108-0600-41
	1200	3' 11"	40	1 37/64"	4.3	IR-H22-22/108-1200-40
	1800	5' 11"	39	1 17/32"	6.1	IR-H22-22/108-1800-39
	2400	7' 10"	38	1 1/2"	7.9	IR-H22-22/108-2400-38
18	800	2' 7"	29	1 9/64"	3.0	IR-H22-22/108-0800-29
	1600	5' 3"	28	1 7/64"	5.3	IR-H22-22/108-1600-28
	2400	7' 10"	27	1 1/16"	7.9	IR-H22-22/108-2400-27

Shank 22x108mm (7/8" x 4 1/4")



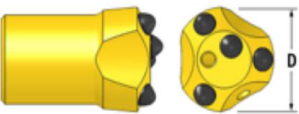
Small hole drilling

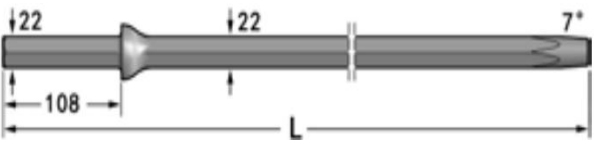
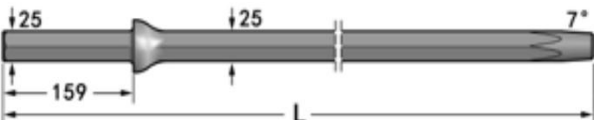
Tapered tools, 7° taper

	Bit diameter		Dimensions of carbide, mm			Flushing hole		Weight	Drill T Part No.
	mm	inch	Height	Width	Class	Front	Gauge	kg	
Chisel bit (Horseshoe type) 	32	1 1/4"	13.5	8	3A	-	2	0.22	HB-7/32-H13.5-W8-3A
	34	1 11/32"	13.5	8	3A	-	2	0.26	HB-7/34-H13.5-W8-3A
	36	1 7/16"	13.5	8	3A	-	2	0.29	HB-7/36-H13.5-W8-3A
	38	1 1/2"	13.5	8	3A	-	2	0.32	HB-7/38-H13.5-W8-3A
	38	1 1/2"	15	9	3A	-	2	0.32	HB-7/38-H15-W9-3A
	40	1 37/64"	13.5	9.2	3A	-	2	0.37	HB-7/40-H13.5-W9.2-3A
	40	1 37/64"	13.5	9.2	4A	-	2	0.37	HB-7/40-H13.5-W9.2-4A
	40	1 37/64"	15	9.8	3A	-	2	0.37	HB-7/40-H15-W9.8-3A
	40	1 37/64"	15	9.8	4A	-	2	0.37	HB-7/40-H15-W9.8-4A
	42	1 21/32"	13.5	9.2	3A	-	2	0.41	HB-7/42-H13.5-W9.2-3A
	42	1 21/32"	13.5	9.2	4A	-	2	0.41	HB-7/42-H13.5-W9.2-4A
	42	1 21/32"	15	9.8	3A	-	2	0.41	HB-7/42-H15-W9.8-3A
	42	1 21/32"	15	9.8	4A	-	2	0.41	HB-7/42-H15-W9.8-4A
	42	1 21/32"	15	9.8	4A	-	2	0.41	HB-7/42-H15-W9.8-4A
Cross bit 	32	1 1/4"	12	8	3A	1	2	0.26	CB-7/32-H12-W8-3A
	34	1 11/32"	12	8	3A	1	2	0.29	CB-7/34-H12-W8-3A
	36	1 7/16"	12	8	3A	1	2	0.32	CB-7/36-H12-W8-3A
	38	1 1/2"	12	8	3A	1	2	0.37	CB-7/38-H12-W8-3A
	40	1 37/64"	12	8	3A	1	2	0.40	CB-7/40-H12-W8-3A
	42	1 21/32"	12	8	3A	1	2	0.43	CB-7/42-H12-W8-3A
	45	1 3/4"	14	8	3A	1	2	0.49	CB-7/45-H14-W8-3A
	50	1 31/32"	14	8	3A	1	2	0.62	CB-7/50-H14-W8-3A
	55	2 1/4"	16	10	3A	1	2	0.82	CB-7/55-H16-W10-3A

Small hole drilling

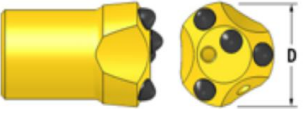
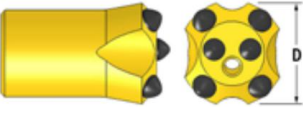
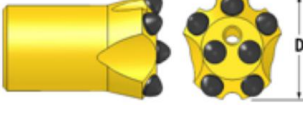
Tapered tools, 7° taper

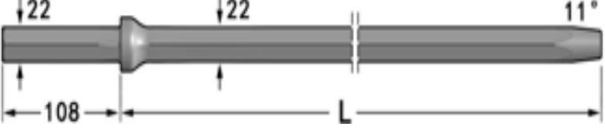
	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
Button bit For 22mm Hex Rod 	32	1 1/4"	1x8	3x8	35°	1	1	0.24	B-H22-7-32-1838
	34	1 11/32"	1x8	3x8	35°	1	1	0.26	B-H22-7-34-1838
	36	1 7/16"	1x8	3x9	35°	1	1	0.27	B-H22-7-36-1839
	38	1 1/2"	1x8	3x9	35°	1	1	0.32	B-H22-7-38-1839
	40	1 37/64"	1x8	3x9	30°	1	1	0.36	B-H22-7-40-1839
	40	1 37/64"	1x9	3x9	35°	1	1	0.36	B-H22-7-40-1939
	42	1 21/32"	1x8	3x9	30°	1	1	0.40	B-H22-7-42-1839
	42	1 21/32"	1x9	3x9	35°	1	1	0.40	B-H22-7-42-1939
Button bit (Long shirt) For 22mm Hex Rod 	32	1 1/4"	2x7	5x7	35°	2	1	0.24	B-H22-7-32-2757
	34	1 11/32"	2x7	5x7	35°	2	1	0.29	B-H22-7-34-2757
	36	1 7/16"	2x7	5x8	35°	2	1	0.32	B-H22-7-36-2758
	38	1 1/2"	2x7	5x8	35°	2	1	0.34	B-H22-7-38-2758
	38	1 1/2"	2x7	5x9	35°	2	1	0.34	B-H22-7-38-2759
	40	1 37/64"	2x7	5x9	35°	2	1	0.39	B-H22-7-40-2759
	41	1 5/8"	2x8	5x9	35°	2	1	0.39	B-H22-7-41-2859
Button bit (Long shirt) For 25mm Hex Rod 	41	1 5/8"	2x8	5x9	35°	2	1	0.39	B-H25-7-41-2859
	43	1 11/16"	2x8	5x9	35°	2	1	0.39	B-H25-7-43-2859
	45	1 3/4"	2x8	5x9	35°	2	1	0.45	B-H25-7-45-2859
	51	1 31/32"	2x9	5x10	35°	2	1	0.62	B-H25-7-51-29510

Tapered Rod, 7°	Length		Weight	Drill T Part No.
	mm	ft/in	kg	
Shank 22x108mm (7/8" x 4 1/4") 	1500	4' 11"	4.68	TR-H22-108-1500-7
	2000	6' 7"	6.20	TR-H22-108-2000-7
	2500	8' 12"	7.73	TR-H22-108-2500-7
	3000	9' 10"	9.25	TR-H22-108-3000-7
	3500	11' 5"	10.78	TR-H22-108-3500-7
	4000	13' 1"	12.30	TR-H22-108-4000-7
	4500	14' 8"	13.83	TR-H22-108-4500-7
	4700	15' 4"	18.9	TR-H25-159-4700-7
Shank 25x159mm (1" x 6 1/4") 	4000	13' 1"	16.65	TR-H25-159-4000-7
	4700	15' 4"	18.9	TR-H25-159-4700-7
	5000	16' 4"	22.1	TR-H25-159-5000-7
	5500	18' 1"	22.1	TR-H25-159-5500-7

Small hole drilling

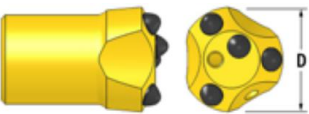
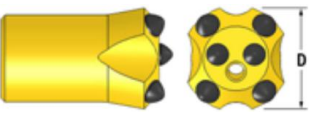
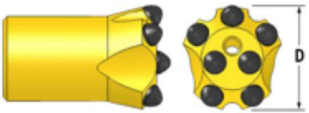
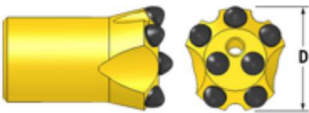
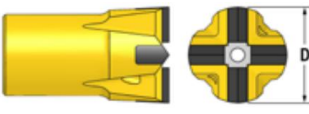
Tapered tools, 11° taper

Button bit (Short skirt)	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
	32	1 1/4"	2x7	3x8	35°	1	2	0.24	B-H22-11-32-2738
	34	1 11/32"	1x8	3x8	35°	1	1	0.26	B-H22-11-34-1838
	36	1 7/16"	1x8	3x9	40°	1	1	0.29	B-H22-11-36-1839
	38	1 1/2"	2x8	3x9	40°	1	1	0.32	B-H22-11-38-2839
	40	1 37/64"	2x8	3x9	40°	1	1	0.36	B-H22-11-40-2839
	32	1 1/4"	2x7	4x7	35°	1	1	0.24	B-H22-11-32-2747
	34	1 11/32"	2x7	4x7	35°	2	1	0.29	B-H22-11-34-2747
	36	1 7/16"	2x7	4x8	35°	2	1	0.32	B-H22-11-36-2748
	32	1 1/4"	2x7	5x7	40°	1	1	0.24	B-H22-11-32-2757
	34	1 11/32"	2x7	5x7	35°	1	1	0.29	B-H22-11-34-2757
	36	1 7/16"	2x7	5x8	35°	1	1	0.32	B-H22-11-36-2758
	38	1 1/2"	2x7	5x8	35°	1	1	0.34	B-H22-11-38-2758
	38	1 1/2"	2x7	5x9	40°	1	1	0.34	B-H22-11-38-2759
	40	1 37/64"	2x7	5x9	35°	1	1	0.39	B-H22-11-40-2759
	41	1 5/8"	2x8	5x9	35°	1	1	0.39	B-H22-11-41-2759

Tapered Rod, 11°	Length		Weight	Drill T Part No.
	mm	ft/in	kg	
Shank 22x108mm (7/8" x 4 1/4") 	610	2'	2.20	TR-H22-108-0610-11
	800	3' 3"	2.78	TR-H22-108-0800-11
	1200	4'	4.06	TR-H22-108-1200-11
	1830	6'	5.92	TR-H22-108-1830-11
	2000	6' 7"	6.44	TR-H22-108-2000-11
	2435	8'	7.76	TR-H22-108-2435-11
	3050	10'	9.64	TR-H22-108-3050-11
	3660	12'	11.50	TR-H22-108-3660-11
	4000	13' 1"	12.54	TR-H22-108-4000-11
	4800	15' 9"	14.98	TR-H22-108-4800-11
	5600	18' 4"	17.42	TR-H22-108-5600-11
	6400	21'	19.86	TR-H22-108-6400-11
	7200	23' 6"	22.30	TR-H22-108-7200-11
	8000	26' 2"	24.74	TR-H22-108-8000-11

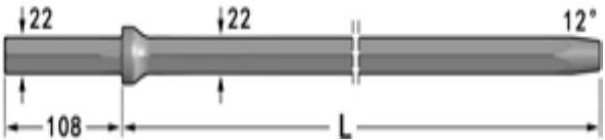
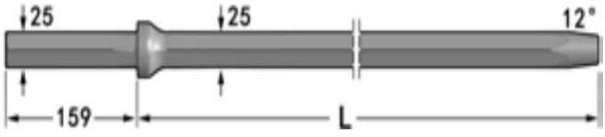
Small hole drilling

Tapered tools, 12° taper

	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge	kg	
Button bit (Short skirt) 	28	1 1/8"	1x7	3x7	35°	1	1	0.20	B-H22-12-28-1737
	30	1 3/16"	1x7	3x7	35°	1	1	0.22	B-H22-12-30-1737
	32	1 1/4"	2x7	3x8	35°	1	2	0.24	B-H22-12-32-2738
	34	1 11/32"	1x8	3x8	35°	1	1	0.26	B-H22-12-34-1838
	36	1 7/16"	1x8	3x9	40°	1	1	0.29	B-H22-12-36-1839
	38	1 1/2"	2x8	3x9	40°	1	1	0.32	B-H22-12-38-2839
	40	1 37/64"	2x8	3x9	40°	1	1	0.36	B-H22-12-40-2839
Button bit (Short skirt) 	32	1 1/4"	2x7	4x7	35°	1	1	0.24	B-H22-12-32-2747
	34	1 11/32"	2x7	4x7	35°	2	1	0.29	B-H22-12-34-2747
	36	1 7/16"	2x7	4x8	35°	2	1	0.32	B-H22-12-36-2748
Button bit (Short skirt) 	32	1 1/4"	2x7	5x7	40°	2	1	0.24	B-H22-12-32-2757
	34	1 11/32"	2x7	5x7	35°	2	1	0.29	B-H22-12-34-2757
	35	1 3/8"	2x7	5x8	40°	2	1	0.32	B-H22-12-35-2758
	36	1 7/16"	2x7	5x8	40°	2	1	0.32	B-H22-12-36-2758
	38	1 1/2"	2x7	5x8	35°	2	1	0.34	B-H22-12-38-2758
	38	1 1/2"	2x7	5x9	40°	2	1	0.34	B-H22-12-38-2759
	41	1 5/8"	2x8	5x9	40°	2	1	0.39	B-H22-12-41-2859
Button bit (Long skirt) 	33	1 9/64"	2x7	5x7	40°	2	1	0.29	B-H22-12-33-2757
	35	1 3/8"	2x7	5x8	40°	2	1	0.32	B-H22-12-35-2758
	38	1 1/2"	2x7	5x9	40°	2	1	0.34	B-H22-12-38-2759
Cross bit (Long skirt) 	30	1 3/16"	-	-	-	1	2	0.24	CB-12/30-H12-W8-3A
	32	1 1/4"	-	-	-	1	2	0.24	CB-12/32-H12-W8-3A
	34	1 11/32"	-	-	-	1	2	0.29	CB-12/34-H12-W8-3A
	35	1 3/8"	-	-	-	1	2	0.29	CB-12/35-H12-W8-3A
	36	1 7/16"	-	-	-	1	2	0.32	CB-12/36-H12-W8-3A
	38	1 1/2"	-	-	-	1	2	0.34	CB-12/38-H12-W8-3A

Small hole drilling

Tapered tools, 12° taper

Tapered Rod, 12°	Length		Weight	Drill T Part No.
	mm	ft/in	kg	
Shank 22x108mm (7/8" x 4 1/4") 	610	2'	2.20	TR-H22-108-0610-12
	800	3' 3"	2.78	TR-H22-108-0800-12
	1200	4'	4.06	TR-H22-108-1200-12
	1830	6'	5.92	TR-H22-108-1830-12
	2000	6' 7"	6.44	TR-H22-108-2000-12
	2435	8'	7.76	TR-H22-108-2435-12
	3050	10'	9.64	TR-H22-108-3050-12
	3660	12'	11.50	TR-H22-108-3660-12
	4000	13' 1"	12.54	TR-H22-108-4000-12
	4800	15' 9"	14.98	TR-H22-108-4800-12
	5600	18' 4"	17.42	TR-H22-108-5600-12
	6400	21'	19.86	TR-H22-108-6400-12
	7200	23' 6"	22.30	TR-H22-108-7200-12
	8000	26' 2"	24.74	TR-H22-108-8000-12
Shank 25x108mm (7/8" x 4 1/4") 	-	-	-	-

Small hole drilling

YT29A Rock drill

Model	Parameter		
YT29A	Weight	27	Kg
	Dimension (L x W x H)	659x248x205	mm
	Cylinder Diameter	82	mm
	Piston Stroke	60	mm
	Working Pressure	4-6.3	Bar
	Impact Energy (at 5 Bar)	≥ 70	J
	Air Consumption (at 5 Bar)	≤ 65	l/s
	Impact Frequency (at 5 Bar)	≥ 37	Hz
	Water pressure	1	Bar
	Air hose Inner Diameter	25	mm
	Water hose Inner Diameter	13	mm
	Drilling Diameter	32-45	mm
	Max Drilling Depth	5	m
	Shank Size	H22 x 108	mm
FY250 Lubricator	Weight	1.2	Kg
	Capacity	0.25	litre
Pusher Legs FT160A	Weight	17	kg
	Length retracted	1688	mm
	Length extracted	3026	mm
	Feed length	1338	mm
	Piston bore	65	mm
Pusher Legs FT160B	Weight	16	kg
	Length retracted	1488	mm
	Length extracted	2586	mm
	Feed length	1098	mm
	Piston bore	65	mm
Pusher Legs FT160C	Weight	18	kg
	Length retracted	1820	mm
	Length extracted	3310	mm
	Feed length	1490	mm
	Piston bore	65	mm

Small hole drilling

YT28 Rock drill

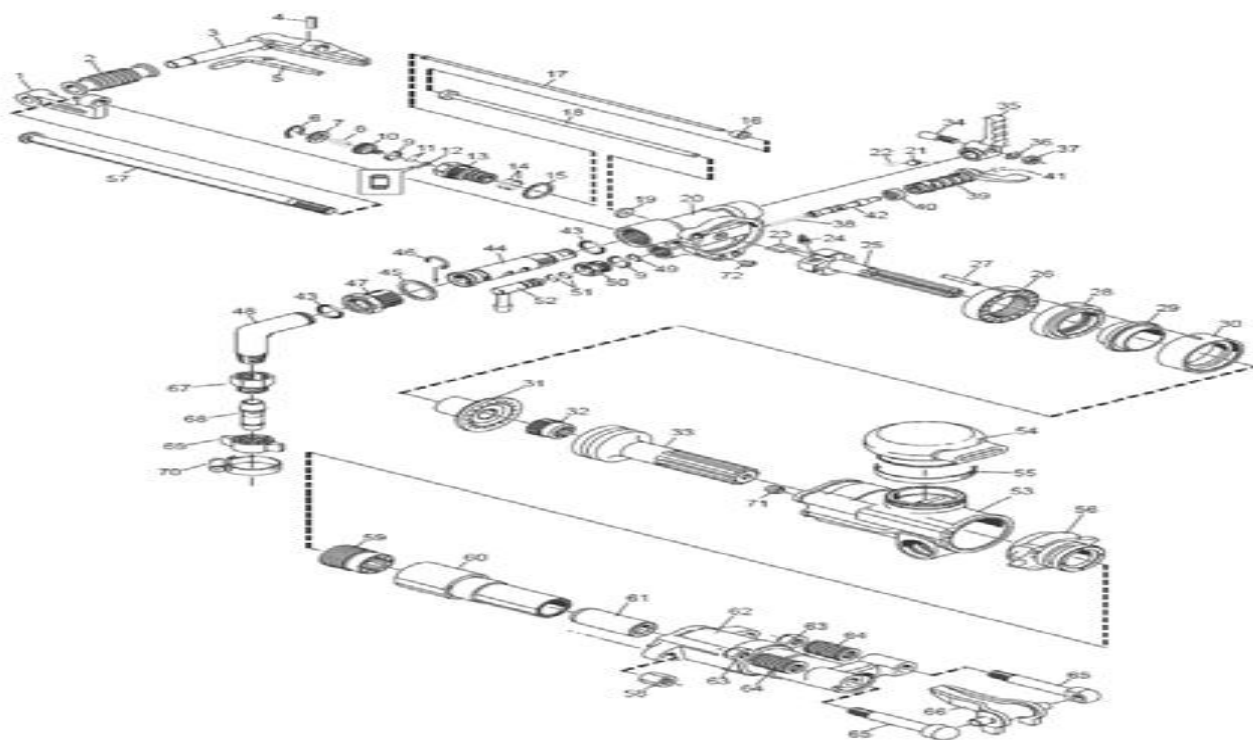
Model	Parameter		
YT28	Weight	28	Kg
	Length	661	mm
	Cylinder Diameter	80	mm
	Piston Stroke	60	mm
	Working Pressure	4-6.3	Bar
	Rotate Speed (at 5 Bar)	≥ 260	R/min
	Air Consumption (at 5 Bar)	≤ 58	I/S
	Impact Frequency (at 5 Bar)	≥ 35	Hz
	Water pressure	1	Bar
	Air hose Inner Diameter	25	mm
	Water hose Inner Diameter	13	mm
	Drilling Diameter	34-42	mm
	Max Drilling Depth	5	m
	Shank Size	H22 x 108	mm
FY200C Lubricator	Weight	1.2	Kg
	Capacity	200	ml
Pusher Legs FT160BD	Weight	14.4	kg
	Overall Length	1400	mm
	Feed length	965	mm
	Piston bore	65	mm
Pusher Legs FT160BC	Weight	16.9	kg
	Overall Length	1800	mm
	Feed length	1365	mm
	Piston bore	65	mm

Small hole drilling

YT27 Rock drill

Model	Parameter		
YT28	Weight	27	Kg
	Length	668	mm
	Cylinder Diameter	80	mm
	Piston Stroke	60	mm
	Working Pressure	4-6.3	Bar
	Rotate Speed (at 5 Bar)	≥ 300	R/min
	Air Consumption (at 5 Bar)	≤ 57	I/S
	Impact Frequency (at 5 Bar)	≥ 39	Hz
	Water pressure	1	Bar
	Air hose Inner Diameter	25	mm
	Water hose Inner Diameter	13	mm
	Drilling Diameter	34-42	mm
	Max Drilling Depth	5	m
	Shank Size	H22 x 108 ± 1	mm
FY250C Lubricator	Weight	1.2	Kg
	Capacity	250	ml
Pusher Legs FT160A	Weight	17	kg
	Length retracted	1668	mm
	Length extracted	3006	mm
	Feed length	1338	mm
	Piston bore	65	mm
Pusher Legs FT160C	Weight	18	kg
	Length retracted	1820	mm
	Length extracted	3310	mm
	Feed length	1490	mm
	Piston bore	65	mm

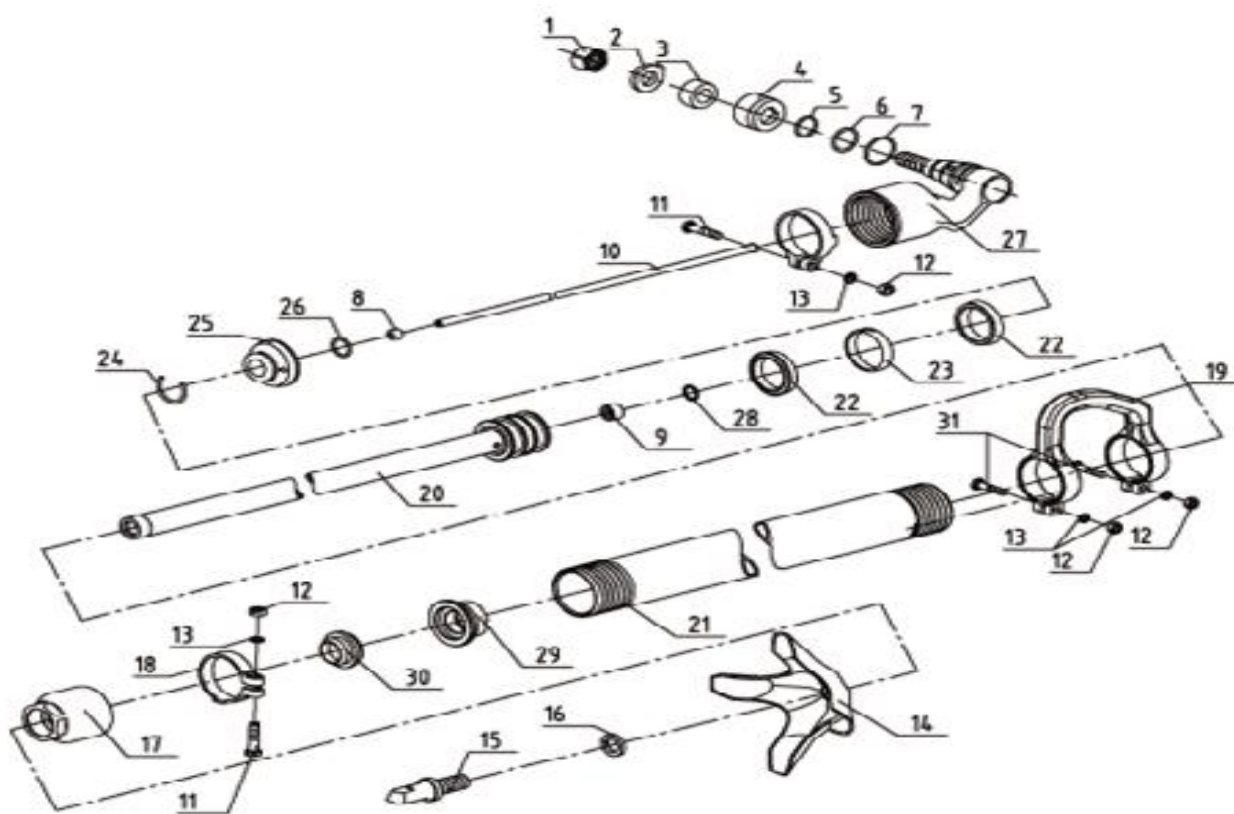
Rock drill structure chart



serial	name	serial	name	serial	name	serial	name
1	Right handle	19	Air needle pad	37	Hexagon thin nut	55	Hose clamps
2	Damping hand	20	Handle	38	Spring cover	56	Guide sleeve
3	Left handle	21	Alignment pin	39	Pressure regulating valve	57	Long Bolt
4	Elastic cylindrical pin	22	Spring	40	Expansion ring	58	Hexagon thick nut
5	Trigger	23	Ratchet catch	41	Snap ring	59	Rotating nut
6	Elastic ring	24	Tower spring	42	Reversing valve	60	Rotating sleeve
7	Spring cover	25	Spiral rods	43	Ring seal	61	Shank sleeve
8	Spring	26	Ratchet wheel	44	Pilot valve	62	The machine head
9	Ring seal	27	Alignment pin	45	Pad	63	Hexagon lock nut
10	Water valve	28	Valve deck	46	Snap ring	64	Locking rod spring
11	Ring seal	29	Valve	47	Air union nut	65	Locking rod bolt
12	Rubber mat	30	Valve chest	48	Gas-pipe bend	66	Locking rod
13	Water valve	31	Valve bush	49	Water pipe joint clasp	67	Pipe joint
14	Sealing ring	32	Screw the mother	50	Water pipe nut	68	Tapered hose joint
15	Pad	33	Piston	51	O-ring seal	69	Butterfly nut
16	Water needle sleeve	34	Holding pin	52	Water pipe splice	70	Hose clamps
17	Water needle	35	Control handle	53	Cylinder block	71	Big seal ring
18	Air needle assembly	36	Spring washer	54	Silencing cover	72	Small seal ring

Small hole drilling

Air leg structure chart



serial	name	serial	name	serial	name	serial	name
1	Jam nut	9	Double Yx-ring seal	17	Down tube socket	25	The frame body mat
2	Retaining washer	10	Air tube	18	Clamp ring	26	O-ring seal
3	The elastic rubber pad	11	Hexagon head bolt	19	Carrying handle	27	The frame body weld assembly
4	Locking sleeve	12	Small hexagon flat nut	20	Piston rod weld assembly	28	Circlip for hole
5	O-ring seal	13	Standard spring washer	21	Outer tube	29	Guide sleeve
6	O-ring seal	14	Head fork weldment	22	Yx-ring seal	30	dirt-proof boot
7	O-ring seal	15	Tip	23	Back-up ring	31	Hexagon head bolt
8	Tracheal rubber gasket	16	Standard spring washer	24	Elastic ring		



Drifting and tunneling

R25(1") bit thread

9~10 ▶

R28(1 1/8") bit thread

11 ▶

R32(1 1/4") bit thread

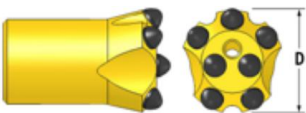
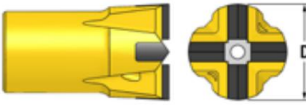
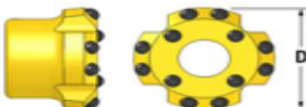
12~13 ▶

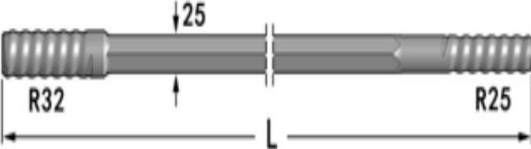
R35(1 3/8") bit thread

14~15 ▶

Drifting and tunneling

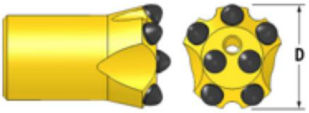
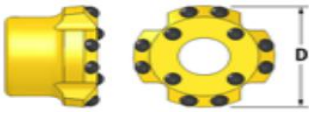
R25 (1") bit thread

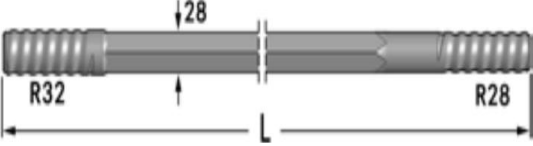
Button bit 	Bit diameter		Buttons, mm		Angr	Flushing hole		Weight	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge	kg	
	33	1 5/16"	2x7	5x7	35°	1	1	0.4	B-R25-33-2757
	35	1 3/8"	2x7	5x9	30°	1	1	0.5	B-R25-35-2759
	37	1 29/64"	2x7	5x9	30°	1	2	0.6	B-R25-37-2759
	38	1 1/2"	2x7	5x9	30°	1	1	0.6	B-R25-38-2759
	41	1 5/8"	2x8	5x9	35°	1	1	0.6	B-R25-41-2859
Cross bit 	33	1 5/16"	-	-	-	1	2	0.4	CB-R25/33-H12-W8-3A
	35	1 3/8"	-	-	-	1	2	0.5	CB-R25/35-H14-W8-3A
	38	1 1/2"	-	-	-	1	2	0.6	CB-R25/38-H14-W8-3A
Reaming bit, 6° taper 	64	2 1/2"	4x8	8x9	25°	-	-	0.9	RB-R25/64-4889
	76	3"	4x10	8x10	30°	-	-	1.3	RB-R25/76-410810
	89	3 1/2"	4x11	8x11	30°	-	-	1.7	RB-R25/89-411811
Pilot adapter, 6° taper 	26	1 1/32"	-	-	-	-	-	1.3	PB-R25/26-6

Thread Rods, R25	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
Drifter Rod, (MM) R32-Hex25-R25 	2200	7' 2 5/8"	25	1"	8.9	MM-R32-H25-R25-2200
	2400	7' 10 1/2"	25	1"	9.7	MM-R32-H25-R25-2400
	2600	8' 6 3/8"	25	1"	10.5	MM-R32-H25-R25-2600
	2800	9' 2 1/4"	25	1"	11.3	MM-R32-H25-R25-2800
	3090	10' 1 5/8"	25	1"	12.4	MM-R32-H25-R25-3090
	3700	12' 1 5/8"	25	1"	14.9	MM-R32-H25-R25-3700
Coupling sleeve R32-R25 	150	5 7/8"	44	1 23/32"	1.0	CS-R32-R25-44-150

Drifting and tunneling

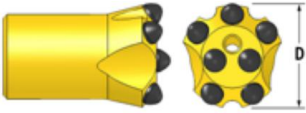
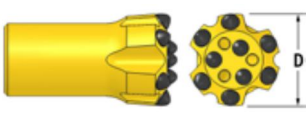
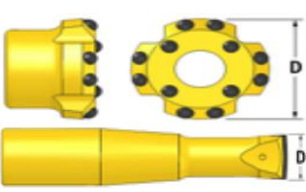
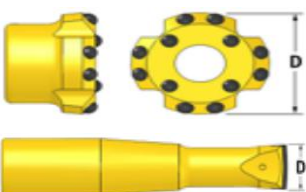
R28 (1 1/8") bit thread

Button bit 	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge	kg	
	38	1 1/2"	2x7	5x9	30°	1	1	0.6	B-R28-38-2759
	38	1 1/2"	2x7	5x9	35°	1	1	0.6	B-R28-38-2759
	41	1 5/8"	2x8	5x9	35°	1	1	0.7	B-R28-41-2859
	43	1 11/16"	2x8	5x10	30°	1	1	0.7	B-R28-43-28510
Cross bit 	38	1 1/2"	-	-	-	1	2	0.6	CB-R28/38-H14-W8-3A
	41	1 5/8"	-	-	-	1	2	0.7	CB-R28/41-H14-W8-3A
Reaming bit, 6° taper 	64	2 1/2"	4x8	8x9	25°	-	-	0.9	RB-R28/64-4889
	76	3"	4x10	8x10	30°	-	-	1.3	RB-R28/76-410810
	89	3 1/2"	4x11	8x11	30°	-	-	1.7	RB-R28/89-411811
Pilot adapter, 6° taper 	26	1 1/32"	-	-	-	-	-	1.3	PB-R28/26-6

Thread Rods, R28	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
Drifter Rod,(MM) R32-Hex28-R28 	2400	7' 10 1/2"	28	1 1/8"	12.3	MM-R32-H25-R25-2200
	2750	9' 1/4"	28	1 1/8"	14.1	MM-R32-H25-R25-2400
	3090	10' 1 5/8"	28	1 1/8"	15.8	MM-R32-H25-R25-2600
	3700	12' 1 5/8"	28	1 1/8"	18.9	MM-R32-H25-R25-2800
	4310	14' 1 5/8"	28	1 1/8"	22.0	MM-R32-H25-R25-3090
Coupling sleeve, R32-R28 	150	5 7/8"	44	1 23/32"	1.0	CS-R32-R28-44-150

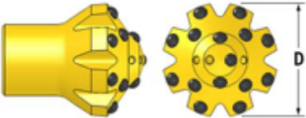
Drifting and tunneling

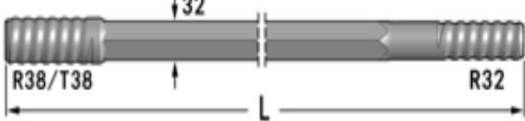
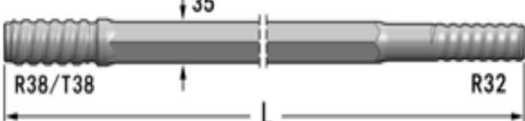
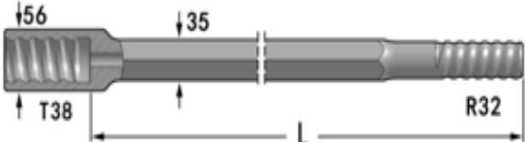
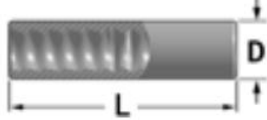
R32 (1 1/4") bit thread

	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge	kg	
Button bit 	43	1 11/16"	2x9	5x10	35°	1	2	0.7	B-R32-43-29510
	45	1 3/4"	2x9	5x11	30°	1	2	0.8	B-R32-45-29511
	48	1 7/8"	2x9	5x11	35°	1	2	0.9	B-R32-48-29511
	51	2"	2x10	5x12	35°	1	2	1.0	B-R32-51-210512
Button bit 	43	1 11/16"	2x9	6x9	40°	2	2	0.7	B-R32-43-2969
	45	1 3/4"	2x9	6x10	35°	2	2	0.8	B-R32-45-29610
Button bit 	45	1 3/4"	3x8	6x10	25°	3	1	0.8	B-R32-45-38610
	45	1 3/4"	3x8	6x10	30°	3	1	0.8	B-R32-45-38610
	48	1 7/8"	3x9	6x10	30°	3	1	0.9	B-R32-48-39610
	51	2"	3x9	6x10	35°	3	1	1.0	B-R32-51-39610
Cross bit 	45	1 3/4"	-	-	-	1	4	0.8	CB-R32/45-H16-W10
	51	2"	-	-	-	1	4	1.0	CB-R32/51-H16-W10
Reaming bit and pilot adapter, 6° taper 	64	2 1/2"	4x8	8x9	25°	-	-	0.9	RB-R32/64-4889
	76	3"	4x10	8x10	30°	-	-	1.3	RB-R32/76-410810
	89	3 1/2"	4x11	8x11	30°	-	-	1.7	RB-R32/89-411811
	26	1 1/32"	-	-	-	-	-	1.3	PB-R32/26-6
Reaming bit and pilot adapter, 12° taper 	89	3 1/2"	4x10	8x12	35°	-	-	1.7	RB-R32/89-410812
	102	4"	4x12	8x12	35°	-	-	2.1	RB-R32/102-412812
	127	5"	8x12	8x13	35°	-	-	3.6	RB-R32/127-812813
	40	1 37/64"	-	-	-	-	-	2.9	PB-R32/40-12

Drifting and tunneling

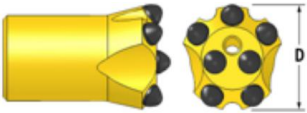
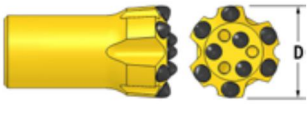
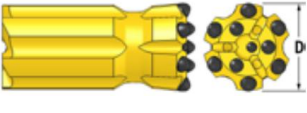
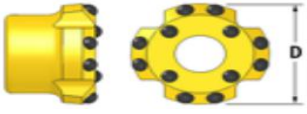
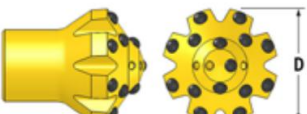
R32 (1 1/4") bit thread

Reaming bit, R32	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge	kg	
	102	4"	9x12	8x12	35°	2	2	3.6	RB-R32-102-912812

Thread Rods, R32	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
Drifter Rod, (MM) R38/T38-Hex32-R32 	3090	10' 1 5/8"	32	1 1/4"	19.8	MM-R38-H32-R32-3090
	3700	12' 1 5/8"	32	1 1/4"	23.7	MM-R38-H32-R32-3700
	4310	14' 1 5/8"	32	1 1/4"	27.6	MM-T38-H32-R32-4310
	4920	16' 1 3/4"	32	1 1/4"	31.5	MM-T38-H32-R32-4920
Drifter Rod,(MM) R38/T38-Hex35-R32 	3090	10' 1 5/8"	35	1 3/8"	24.5	MM-R38-H35-R32-3090
	3700	12' 1 5/8"	35	1 3/8"	29.3	MM-R38-H35-R32-3700
	4310	14' 1 5/8"	35	1 3/8"	34.1	MM-T38-H35-R32-4310
	4920	16' 1 3/4"	35	1 3/8"	38.9	MM-T38-H35-R32-4920
	5530	18' 1 3/4"	35	1 3/8"	43.7	MM-T38-H35-R32-5530
MF--Rod, T38-Hex35-R32 	3700	12' 1 5/8"	35	1 3/8"	31.3	MF-T38-H35-R32-3700
	4310	14' 1 5/8"	35	1 3/8"	36.1	MF-T38-H35-R32-4310
	4920	16' 1 3/4"	35	1 3/8"	40.9	MF-T38-H35-R32-4920
	5530	18' 1 3/4"	35	1 3/8"	45.7	MF-T38-H35-R32-5530
Coupling sleeve, R38/T38-R32 	170	6 3/4"	55	2 5/32"	1.9	CS-R38-R32-55-170
	190	6 1/8"	55	2 5/32"	2.0	CS-T38-R32-55-190

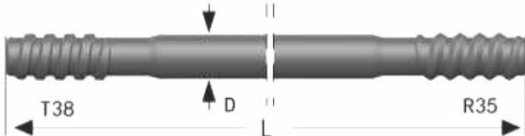
Drifting and tunneling

R35 (1 3/8") bit thread

Button bit	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
	48	1 7/8"	2x9	5x11	35°	1	2	0.9	B-R35-48-29511
	51	2"	2x10	5x12	35°	1	2	1.0	B-R35-51-210512
	48	1 7/8"	3x9	6x10	30°	3	1	0.9	B-R35-48-39610
	51	2"	3x9	6x10	35°	3	1	1.0	B-R35-51-39610
	48	1 7/8"	-	-	-	1	2	0.9	CB-R35/48-H16-W10
	51	2"	-	-	-	1	2	1.0	CB-R35/51-H16-W10
Button bit, Retrac 	54	2 1/5"	3x9	6x11	30°	3	1	1.3	BR-R35-54-39611
Reaming bit and pilot adapter, 12° taper 	89	3 1/2"	4x10	8x12	35°	-	-	1.7	RB-R35/89-410812
	102	4"	4x12	8x12	35°	-	-	2.1	RB-R35/102-412812
	127	5"	8x12	8x13	35°	-	-	3.6	RB-R35/127-812813
	40	1 37/64"	-	-	-	-	-	2.9	PB-R35/40-12
Reaming bit, R35 	102	4"	9x12	8x12	35°	2	2	3.6	RB-R35-102-912812

Drifting and tunneling

R35 (1 3/8") Rods

Thread Rods, R35	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
Drifter Rod,(MM) T38-Hex35-R35	4310	14' 1 5/8"	35	1 3/8"	34.1	MM-T38-H35-R35-4310
	4920	16' 1 3/4"	35	1 3/8"	38.9	MM-T38-H35-R35-4920
	5530	18' 1 3/4"	35	1 3/8"	43.7	MM-T38-H35-R35-5530
	6100	20' 1/8"	35	1 3/8"	48.2	MM-T38-H35-R35-6100
Drifter Rod,(MM) T38-Round39-R35	4310	14' 1 5/8"	39	1 1/2"	35.0	MM-T38-R39-R35-4310
	4920	16' 1 3/4"	39	1 1/2"	39.9	MM-T38-R39-R35-4920
	5530	18' 1 3/4"	39	1 1/2"	44.8	MM-T38-R39-R35-5530
	6100	20' 1/8"	39	1 1/2"	49.5	MM-T38-R39-R35-6100
 Drifter Rod,(MM) T35-Round39-R35	4310	14' 1 5/8"	39	1 1/2"	37.0	MM-T35-R39-R35-4310
	4920	16' 1 3/4"	39	1 1/2"	41.9	MM-T35-R39-R35-4920
	5530	18' 1 3/4"	39	1 1/2"	46.8	MM-T35-R39-R35-5530
	6100	20' 1/8"	39	1 1/2"	51.5	MM-T35-R39-R35-6100
MF Rod, T35-Round39-T35	3050	10"	39	1 1/2"	26.7	MF-T35-R39-T35-3050
	3660	12"	39	1 1/2"	31.7	MF-T35-R39-T35-3660
	4270	14"	39	1 1/2"	36.6	MF-T35-R39-T35-4270
	4880	16"	39	1 1/2"	41.6	MF-T35-R39-T35-4880
Coupling sleeve, T38-R35 	190	6 1/8"	55	2 5/32"	2.0	CS-T38-R35-55-190



Bench and long-hole drilling

R32 (1 1/4")

17~18 ►

T38 (1 1/2")

19~21 ►

T45 (1 3/4")

22~24 ►

T51 (2")

25~27 ►

T60 (2 3/8")

28 ►

ST58 (2 1/4") tube drilling tools

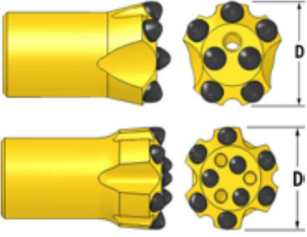
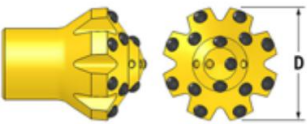
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ST68 (2 3/4") tube drilling tools

30 ►

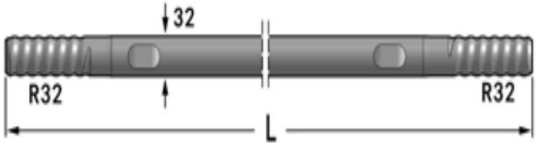
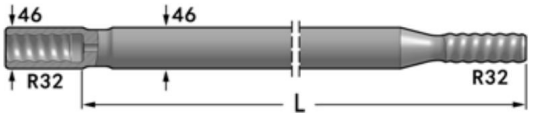
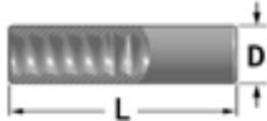
Bench and long-hole drilling

R32 (1 1/4") bit thread

Button bit 	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge	kg	
	51	2"	3x9	6x10	35°	3	1	1.0	B-R32-51-39610
	57	2 1/4"	3x10	6x11	35°	3	1	1.2	B-R32-57-310611
	64	2 1/2"	3x11	6x12	30°	3	-	1.6	B-R32-64-311612
Button bit, Retrac 	51	2"	3x9	6x10	35°	3	-	1.2	BR-R32-51-39610
	57	2 1/4"	3x10	6x11	35°	3	-	1.7	BR-R32-57-310611
	64	2 1/2"	3x11	6x12	30°	3	-	2.1	BR-R32-64-311612
Cross bit 	51	2"	-	-	-	1	2	1.0	CB-R32/51-H16-W10
Guide bit 	51	2"	3x8	6x10	40°	3	-	1.2	BG-R32-51-38610
Reaming bit, R32 	102	4"	9x12	8x12	35°	2	2	3.6	RB-R32-102-912812
	127	5"	9x13	8x13	35°	2	2	6.9	RB-R32-127-913813

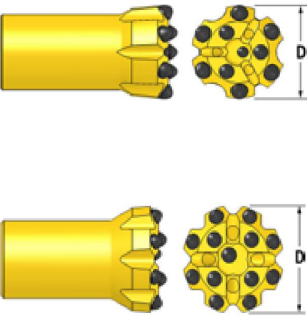
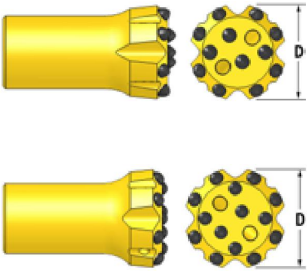
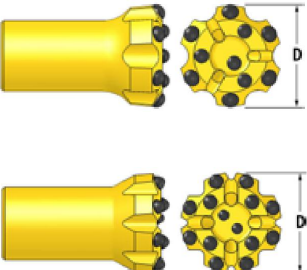
Bench and long-hole drilling

R32 (1 1/4") Rods

Thread Rods, R32	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
Extension Rod, R32-Round32-R32 	915	3"	32	1 1/4"	5.4	MM-R32-R32-R32-0915
	1220	4"	32	1 1/4"	7.2	MM-R32-R32-R32-1220
	1525	5"	32	1 1/4"	9.0	MM-R32-R32-R32-1525
	1830	6"	32	1 1/4"	10.8	MM-R32-R32-R32-1830
	2435	8"	32	1 1/4"	14.3	MM-R32-R32-R32-2435
	3050	10"	32	1 1/4"	17.9	MM-R32-R32-R32-3050
	3660	12"	32	1 1/4"	21.5	MM-R32-R32-R32-3660
MF--Rod, R32-Round32-R32 	915	3"	32	1 1/4"	5.4	MF-R32-R32-R32-0915
	1220	4"	32	1 1/4"	7.2	MF-R32-R32-R32-1220
	1525	5"	32	1 1/4"	9.0	MF-R32-R32-R32-1525
	1830	6"	32	1 1/4"	10.8	MF-R32-R32-R32-1830
	2435	8"	32	1 1/4"	14.3	MF-R32-R32-R32-2435
	3050	10"	32	1 1/4"	17.9	MF-R32-R32-R32-3050
	3660	12"	32	1 1/4"	21.5	MF-R32-R32-R32-3660
Guide tube 	1830	6"	46	1 3/4"	16.0	MFD-R32-D46-R32-1830
	3050	10"	46	1 3/4"	26.0	MFD-R32-D46-R32-3050
Coupling sleeve, R32-R32 	150	5 7/8"	44	1 23/32"	1.0	CS-R32-R32-44-150
	160	6 2/7"	44	1 23/32"	1.1	CS-R32-R32-44-160

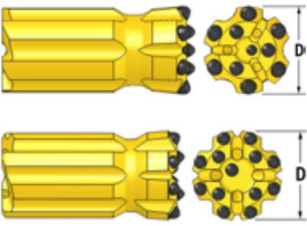
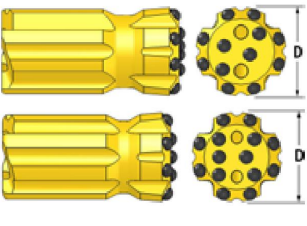
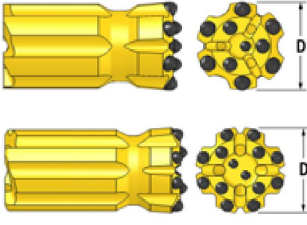
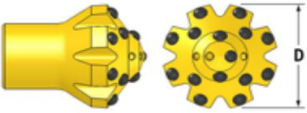
Bench and long-hole drilling

T38 (1 1/2") bit thread

Button bit	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
	64	2 1/2"	3x11	6x12	35°	3	-	1.6	B-T38-64-311612
	64	2 1/2"	5x9	8x10	35°	4	-	1.7	B-T38-64-59810
	70	2 3/4"	5x10	8x11	30°	4	-	1.9	B-T38-70-510811
	76	3"	5x11	8x12	35°	4	-	2.3	B-T38-76-511812
	76	3"	5x11	8x11	40°	4	-	2.3	B-T38-76-511811
	89	3 1/2"	5x12	8x12	35°	4	-	3.2	B-T38-89-512812
Button bit, Flat face 	64	2 1/2"	4x10	8x10	35°	2	-	1.6	BF-T38-64-410810
	70	2 3/4"	4x11	8x11	40°	2	-	1.9	BF-T38-70-411811
	76	3"	4x11	8x11	40°	2	-	2.3	BF-T38-76-411811
	89	3 1/2"	4x12	8x12	40°	2	-	2.3	BF-T38-89-412812
	76	3"	6x10	8x11	35°	2	-	2.3	BF-T38-76-610811
	76	3"	6x10	8x11	40°	2	-	2.3	BF-T38-76-610811
	89	3 1/2"	6x11	8x12	35°	2	-	3.2	BF-T38-89-611812
Button bit, Drop center 	64	2 1/2"	4x10	6x11	35°	3	-	1.6	BD-T38-64-410611
	70	2 3/4"	4x10	6x11	40°	3	-	1.9	BD-T38-70-410611
	76	3"	4x11	6x13	35°	3	-	2.3	BD-T38-76-411613
	89	3 1/2"	5x11	6x13	35°	3	-	3.2	BD-T38-89-511613
	76	3"	6x10	8x11	35°	4	-	2.3	BD-T38-76-610811
	89	3 1/2"	6x11	8x12	35°	4	-	3.2	BD-T38-89-611812

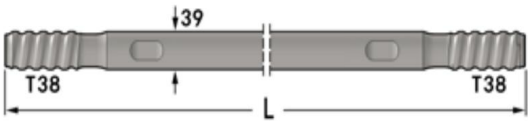
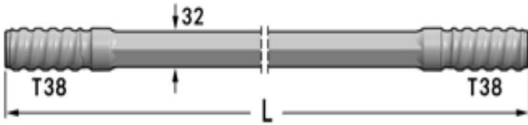
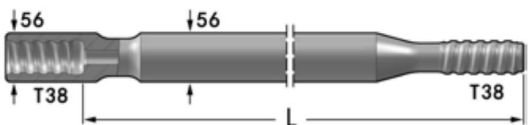
Bench and long-hole drilling

T38 (1 1/2") bit thread

Button bit, Retrac	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
	64	2 1/2"	3x11	6x12	35°	3	-	2.2	BR-T38-64-311612
	64	2 1/2"	5x9	8x10	35°	4	-	2.2	BR-T38-64-59810
	70	2 3/4"	5x10	8x11	30°	4	-	2.4	BR-T38-70-510811
	76	3"	5x11	8x12	35°	4	-	2.9	BR-T38-76-511812
	76	3"	5x11	8x11	40°	4	-	2.9	BR-T38-76-511811
	89	3 1/2"	5x12	8x12	35°	4	-	3.2	BR-T38-89-512812
Button bit, Retrac, Flat face 	64	2 1/2"	4x10	8x10	35°	2	-	2.2	BRF-T38-64-410810
	70	2 3/4"	4x11	8x11	40°	2	-	2.4	BRF-T38-70-411811
	76	3"	6x10	8x11	40°	2	-	3.2	BRF-T38-76-411811
	89	3 1/2"	6x11	8x12	35°	2	-	4.7	BRF-T38-89-611812
Button bit, Retrac, Drop center 	64	2 1/2"	4x10	6x11	35°	3	1	2.2	BRD-T38-64-410611
	70	2 3/4"	4x10	6x11	40°	3	1	2.4	BRD-T38-70-410611
	76	3"	4x11	6x13	35°	3	1	3.2	BRD-T38-76-411613
	76	3"	6x10	8x11	35°	4	1	3.2	BRD-T38-76-610811
	89	3 1/2"	6x11	8x12	35°	4	1	4.7	BRD-T38-89-611812
X bit 	64	2 1/2"	-	-	-	1	2	2.0	XB-T38-64
	76	3"	-	-	-	1	2	2.6	XB-T38-76
Guide bit 	64	2 1/2"	4x9	6x11	35°	3	1	1.9	BG-T38-64-49611
	76	3"	6x10	8x11	35°	4	-	2.4	BG-T38-76-610811
Reaming bit, T38 	102	4"	9x12	8x12	35°	2	2	3.6	RB-T38-102-912812
	127	5"	9x13	8x13	35°	2	2	6.9	RB-T38-127-913813

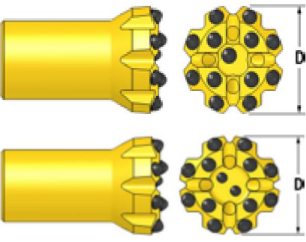
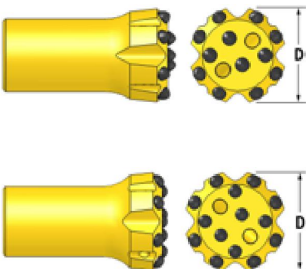
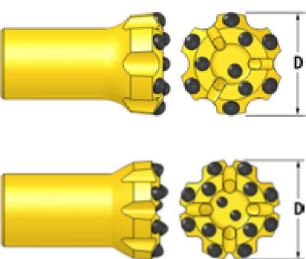
Bench and long-hole drilling

T38 (1 1/2") Rods

Thread Rods, T38	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
Extension Rod,(MM) T38-Round39-T38 	1220	4"	39	1 1/2"	9.9	MM-T38-R39-T38-1220
	1525	5"	39	1 1/2"	12.4	MM-T38-R39-T38-1525
	1830	6"	39	1 1/2"	14.9	MM-T38-R39-T38-1830
	3050	10"	39	1 1/2"	24.7	MM-T38-R39-T38-3050
	3660	12"	39	1 1/2"	29.7	MM-T38-R39-T38-3660
MF--Rod, T38-Round39-T38 	1220	4"	39	1 1/2"	11.5	MF-T38-R39-T38-1220
	1525	5"	39	1 1/2"	14.0	MF-T38-R39-T38-1525
	1830	6"	39	1 1/2"	16.5	MF-T38-R39-T38-1830
	3050	10"	39	1 1/2"	26.4	MF-T38-R39-T38-3050
	3660	12"	39	1 1/2"	31.3	MF-T38-R39-T38-3660
	4270	14"	39	1 1/2"	36.2	MF-T38-R39-T38-4270
Extension Rod,(MM) T38-Hex32-T38 	3050	10"	32	1 1/4"	19.6	MM-T38-H32-T38-3050
Guide tube 	1830	6"	56	1 13/64"	18.4	MFD-T38-D56-T38-1830
	3660	12"	56	1 13/64"	33.8	MFD-T38-D56-T38-3660
Coupling sleeve, T38-T38 	190	6 1/8"	55	2 5/32"	2.0	CS-T38-T38-55-190

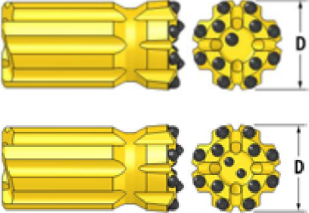
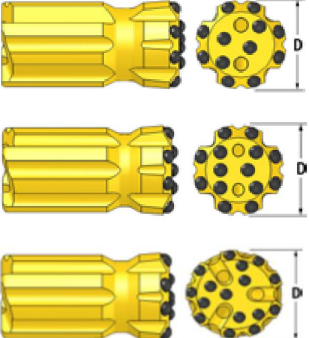
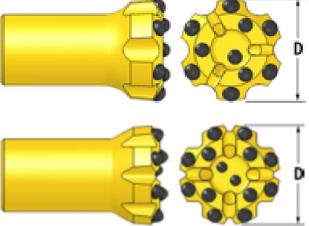
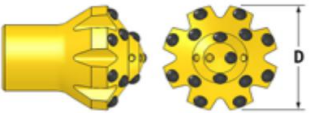
Bench and long-hole drilling

T45 (1 3/4") bit thread

	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
Button bit 	70	2 3/4"	5x10	8x11	30°	4	-	2.3	B-T45-70-510811
	76	3"	5x11	8x12	35°	4	-	2.5	B-T45-76-511812
	76	3"	5x11	8x11	35°	4	-	2.5	B-T45-76-511811
	89	3 1/2"	5x13	8x13	40°	4	-	3.2	B-T45-89-513813
	89	3 1/2"	5x12	8x12	35°	4	-	3.2	B-T45-89-512812
	102	4"	6x12	8x13	35°	4	-	4.4	B-T45-102-612813
	102	4"	6x13	8x13	35°	4	-	4.4	B-T45-102-613813
Button bit, Flat face 	76	3"	4x11	8x11	35°	2	-	2.7	BF-T45-76-411811
	89	3 1/2"	4x13	8x13	40°	2	-	3.5	BF-T45-89-413813
	76	3"	6x10	8x11	35°	2	-	2.7	BF-T45-76-610811
	89	3 1/2"	6x11	8x12	40°	2	-	3.5	BF-T45-89-611812
	102	4"	6x12	8x13	35°	2	-	4.5	BF-T45-102-612813
	89	3 1/2"	7x11	9x11	35°	3	-	3.5	BF-T45-89-711911
	89	3 1/2"	7x11	9x12	35°	3	-	3.5	BF-T45-89-711912
	102	4"	7x12	9x12	35°	3	-	4.5	BF-T45-102-712912
	102	4"	7x12	9x13	35°	3	-	4.5	BF-T45-102-712913
Button bit, Drop center 	76	3"	4x11	6x13	35°	3	1	2.5	BD-T45-76-411613
	89	3 1/2"	5x11	6x13	35°	3	1	3.2	BD-T45-89-511613
	76	3"	6x10	8x11	35°	4	1	2.7	BD-T45-76-610811
	89	3 1/2"	6x11	8x12	35°	4	1	3.5	BD-T45-89-611812
	102	4"	6x12	8x13	35°	4	1	4.5	BD-T45-102-612813
	115	4 1/2"	6x13	8x13	35°	4	1	6.2	BD-T45-115-613813

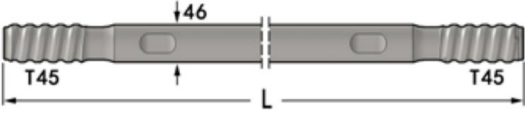
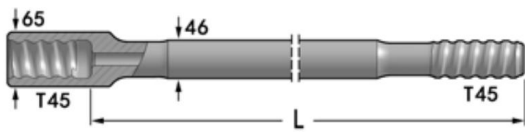
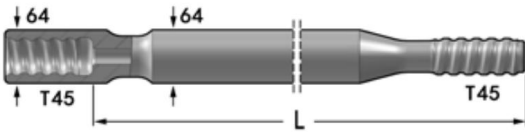
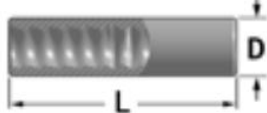
Bench and long-hole drilling

T45 (1 3/4") bit thread

Button bit, Retrac 	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
Button bit, Retrac, Flat face 	70	2 3/4"	5x10	8x11	30°	4	-	2.7	BR-T45-70-510811
	76	3"	5x11	8x12	35°	4	-	3.2	BR-T45-76-511812
	76	3"	5x11	8x11	35°	4	-	3.2	BR-T45-76-511811
	89	3 1/2"	5x13	8x13	40°	4	-	4.8	BR-T45-89-513813
	89	3 1/2"	5x12	8x12	35°	4	-	4.8	BR-T45-89-512812
	102	4"	6x12	8x13	35°	4	-	6.8	BR-T45-102-612813
	102	4"	6x13	8x13	35°	4	-	6.8	BR-T45-102-613813
Button bit, Retrac, Drop center 	76	3"	4x11	8x11	35°	2	-	3.3	BRF-T45-76-411811
	89	3 1/2"	4x13	8x13	40°	2	-	5.0	BRF-T45-89-413813
	76	3"	6x10	8x11	35°	2	-	3.3	BRF-T45-76-610811
	89	3 1/2"	6x11	8x12	35°	2	-	5.0	BRF-T45-89-611812
	102	4"	6x12	8x13	35°	2	-	7.0	BRF-T45-102-612813
	89	3 1/2"	7x11	9x11	35°	3	-	5.0	BRF-T45-89-711911
	89	3 1/2"	7x11	9x12	35°	3	-	5.0	BRF-T45-89-711912
	102	4"	7x12	9x12	35°	3	-	7.0	BRF-T45-102-712912
	102	4"	7x12	9x13	35°	3	-	7.0	BRF-T45-102-712913
Guide bit 	76	3"	4x11	6x13	35°	3	1	3.3	BRD-T45-76-411613
	89	3 1/2"	5x11	6x13	35°	3	1	5.0	BRD-T45-89-511613
	76	3"	6x10	8x11	35°	4	1	3.3	BRD-T45-76-610811
	89	3 1/2"	6x11	8x12	35°	4	1	5.0	BRD-T45-89-611812
	102	4"	6x12	8x13	35°	4	1	7.0	BRD-T45-102-612813
Reaming bit, T45 	76	3"	6x10	8x11	35°	4	-	2.5	BG-T45-76-610811
	89	3 1/2"	6x11	8x12	35°	4	-	3.2	BG-T45-89-611812
	127	5"	6x14	8x14	35°	4	-	6.9	RB-T45-127-614814
	152	6"	6x14	8x14	35°	4	-	9.2	RB-T45-152-614814

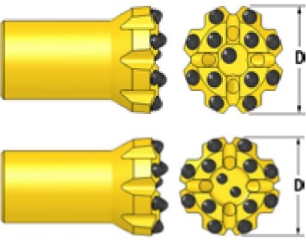
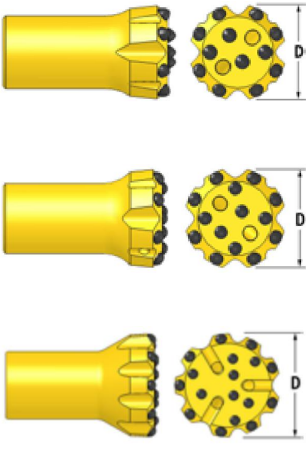
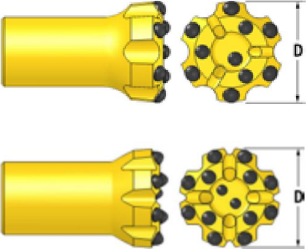
Bench and long-hole drilling

T45 (1 1/2") Rods

Thread Rods, T45	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
Extension Rod,(MM) T45-Round46-T45 	3050	10"	45	1 3/4"	34.2	MM-T45-R46-T45-3050
	3660	12"	45	1 3/4"	41.0	MM-T45-R46-T45-3660
	4270	14"	45	1 3/4"	47.8	MM-T45-R46-T45-4270
MF-Rod, T45-Round46-T45 	1525	5"	45	1 3/4"	18.7	MF-T45-R46-T45-1525
	1830	6"	45	1 3/4"	22.1	MF-T45-R46-T45-1830
	3050	10"	45	1 3/4"	35.8	MF-T45-R46-T45-3050
	3660	12"	45	1 3/4"	42.6	MF-T45-R46-T45-3660
	4270	14"	45	1 3/4"	49.4	MF-T45-R46-T45-4270
	6100	20"	45	1 3/4"	70.0	MF-T45-R46-T45-6100
Guide tube 	1830	6"	64	2 1/2"	26.0	MFD-T45-D64-T45-1830
	3660	12"	64	2 1/2"	49.9	MFD-T45-D64-T45-3660
	3660	12"	76	3"	79.9	MFD-T45-D76-T45-3660
Coupling sleeve, T45-T45 	210	8 1/8"	63	2 15/32"	2.7	CS-T45-T45-63-210
	210	8 1/8"	66	2 5/8"	3.2	CS-T45-T45-66-210

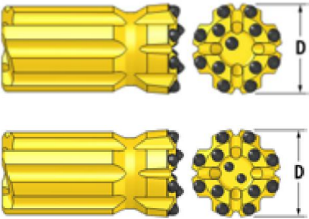
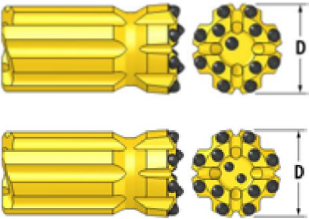
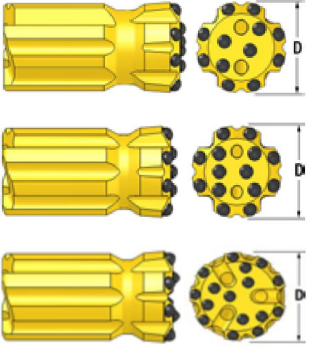
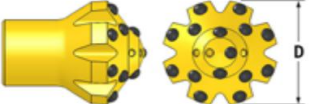
Bench and long-hole drilling

T51 (2") bit thread

Button bit	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
	89	3 1/2"	5x13	8x13	35°	4	-	3.5	BR-T51-89-513813
	89	3 1/2"	5x12	8x12	35°	4	-	3.5	BR-T51-89-512812
	102	4"	6x12	8x13	35°	4	-	4.4	BR-T51-102-612813
	115	4 1/2"	6x13	8x13	35°	4	-	6.0	BR-T51-115-613813
	115	4 1/2"	6x13	8x14	35°	4	-	6.0	BR-T51-115-613814
Button bit, Flat face 	89	3 1/2"	4x13	8x13	40°	2	-	3.6	BF-T51-89-413813
	102	4"	4x14	8x14	40°	2	-	5.0	BF-T51-102-414814
	89	3 1/2"	6x11	8x12	35°	2	-	3.6	BF-T51-89-611812
	102	4"	6x12	8x13	35°	2	-	5.0	BF-T51-102-612813
	115	4 1/2"	6x13	8x13	35°	2	-	6.0	BF-T51-115-613813
	115	4 1/2"	6x13	8x14	35°	2	-	6.0	BF-T51-115-613814
	89	3 1/2"	7x11	9x11	35°	3	-	3.6	BF-T51-89-711911
	89	3 1/2"	7x11	9x12	35°	3	-	3.6	BF-T51-89-711912
	102	4"	7x12	9x12	35°	3	-	5.0	BF-T51-102-712912
	102	4"	7x12	9x13	35°	3	-	5.0	BF-T51-102-712913
	115	4 1/2"	7x13	9x13	35°	3	-	6.0	BF-T51-115-713913
	115	4 1/2"	7x13	9x14	35°	3	-	6.0	BF-T51-115-713914
Button bit, Drop center 	89	3 1/2"	5x11	6x13	35°	3	1	3.5	BD-T51-89-511613
	102	4"	5x13	6x14	35°	3	1	5.0	BD-T51-102-513614
	89	3 1/2"	6x11	8x12	40°	4	1	3.6	BD-T51-89-611812
	102	4"	6x12	8x13	40°	4	1	5.0	BD-T51-102-612813
	115	4 1/2"	6x13	8x13	35°	4	1	6.0	BD-T51-115-613813
	115	4 1/2"	6x13	8x14	35°	4	1	6.0	BD-T51-115-613814
	127	5"	7x14	8x14	35°	4	1	6.8	BD-T51-127-714814

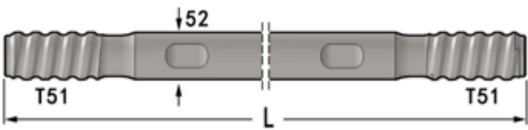
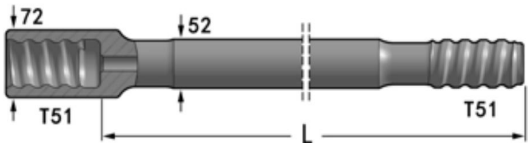
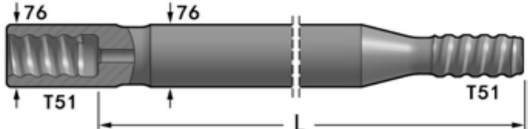
Bench and long-hole drilling

T51 (2") bit thread

Button bit 	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge	kg	
Button bit 	89	3 1/2"	5x13	8x13	40°	4	-	4.5	B-T51-89-513813
	89	3 1/2"	5x12	8x12	35°	4	-	4.5	B-T51-89-512812
	102	4"	6x12	8x13	35°	4	-	6.2	B-T51-102-612813
	115	4 1/2"	6x13	8x13	35°	4	-	8.4	B-T51-115-613813
	115	4 1/2"	6x13	8x14	35°	4	-	8.4	B-T51-115-613814
Button bit, Retrac, Flat face 	89	3 1/2"	4x13	8x13	40°	2	-	5.0	BRF-T51-89-413813
	102	4"	4x14	8x14	40°	2	-	7.0	BRF-T51-102-414814
	89	3 1/2"	6x11	8x12	35°	2	-	5.0	BRF-T51-89-611812
	102	4"	6x12	8x13	35°	2	-	7.0	BRF-T51-102-612813
	115	4 1/2"	6x13	8x13	35°	2	-	9.5	BRF-T51-115-613813
	115	4 1/2"	6x13	8x14	35°	2	-	9.5	BRF-T51-115-613814
	89	3 1/2"	7x11	9x11	35°	3	-	5.0	BRF-T51-89-711911
	89	3 1/2"	7x11	9x12	35°	3	-	5.0	BRF-T51-89-711912
	102	4"	7x12	9x12	35°	3	-	7.0	BRF-T51-102-712912
	102	4"	7x12	9x13	35°	3	-	7.0	BRF-T51-102-712913
	115	4 1/2"	7x13	9x13	35°	3	-	9.5	BRF-T51-115-713913
	115	4 1/2"	7x13	9x14	35°	3	-	9.5	BRF-T51-115-713914
Button bit, Retrac, Drop center 	89	3 1/2"	5x11	6x13	35°	3	1	5.0	BRD-T51-89-511613
	102	4"	5x13	6x14	35°	3	1	7.0	BRD-T51-102-513614
	89	3 1/2"	6x11	8x12	40°	4	1	5.0	BRD-T51-89-611812
	102	4"	6x12	8x13	40°	4	1	7.0	BRD-T51-102-612813
	115	4 1/2"	6x13	8x13	35°	4	1	9.5	BRD-T51-115-613813
	115	4 1/2"	6x13	8x14	35°	4	1	9.5	BRD-T51-115-613814
	127	5"	7x14	8x14	35°	4	1	11.5	BRD-T51-127-714814
Reaming bit, T51 	127	5"	6x14	8x14	35°	4	-	8.0	RB-T51-127-614814
	152	6"	6x14	8x14	35°	4	-	11.0	RB-T51-152-614814

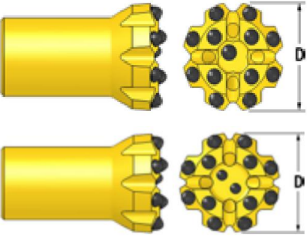
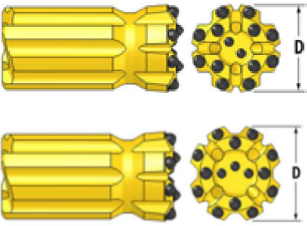
Bench and long-hole drilling

T51 (2") Rods

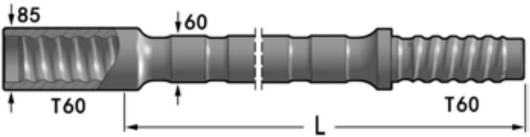
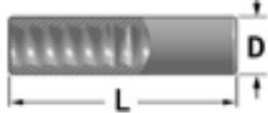
Thread Rods, T51	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
Extension Rod,(MM) T51-Round52-T51 	3660	12"	51	2"	50.9	MM-T51-R52-T51-3660
	4270	14"	51	2"	59.4	MM-T51-R52-T51-4270
	6100	20"	51	2"	84.8	MM-T51-R52-T51-6100
MF-Rod, T51-Round52-T51 	1525	5"	51	2"	23.8	MF-T51-R52-T51-1525
	1830	6"	51	2"	28.1	MF-T51-R52-T51-1830
	3050	10"	51	2"	45.0	MF-T51-R52-T51-3050
	3660	12"	51	2"	53.5	MF-T51-R52-T51-3660
	4270	14"	51	2"	62.0	MF-T51-R52-T51-4270
	6100	20"	51	2"	87.4	MF-T51-R52-T51-6100
Guide tube 	1830	6"	76	3"	40.0	MFD-T51-D76-T51-1830
	3660	12"	76	3"	79.1	MFD-T51-D76-T51-3660
	3660	12"	87	3 1/2"	90.9	MFD-T51-D76-T51-3660
Coupling sleeve, T51-T51 	235	8 7/8"	72	2 7/8"	4.0	CS-T51-T51-72-235
	235	8 7/8"	77	3 1/32"	4.6	CS-T51-T51-77-235

Bench and long-hole drilling

T60 (2 3/8") bit thread

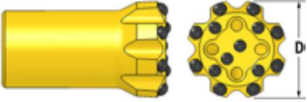
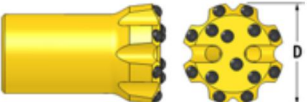
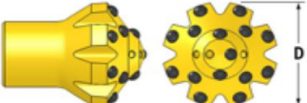
	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
Button bit 	92	3 5/8"	6x12	8x14	35°	4	-	5.2	B-T60-92-612814
	96	3 3/4"	6x12	8x14	35°	4	-	5.3	B-T60-96-612814
	102	4"	6x13	8x13	35°	4	-	6.4	B-T60-102-613813
	115	4 1/2"	6x13	8x14	35°	4	-	7.3	B-T60-115-613814
	127	5"	7x14	8x16	35°	4	-	8.9	B-T60-127-714816
	140	5 1/2"	7x16	8x16	35°	4	-	12.1	B-T60-140-716816
	152	6"	7x16	8x16	35°	4	-	13.6	B-T60-152-716816
Button bit, Retrac 	92	3 5/8"	6x12	8x14	35°	4	-	6.1	BR-T60-92-612814
	96	3 3/4"	6x12	8x14	35°	4	-	6.2	BR-T60-96-612814
	102	4"	6x13	8x13	35°	4	-	8.0	BR-T60-102-613813
	115	4 1/2"	6x13	8x14	35°	4	-	9.4	BR-T60-115-613814
	127	5"	7x14	8x16	35°	4	-	13.1	BR-T60-127-714816
	140	5 1/2"	7x16	8x16	35°	4	-	16.1	BR-T60-140-716816

T60 (2 3/8") Rods

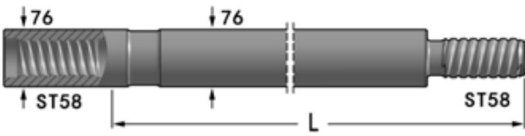
Thread Rods, T60	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
MF-Rod, T60-Round60-T60 	4270	14"	60	2 3/8"	86.6	MF-T60-R60-T60-4270
Coupling sleeve, T60-T60 	315	1 3/8"	85	3 11/32"	7.9	CS-T60-T60-85-315
	315	1 3/8"	89	3 1/2"	8.2	CS-T60-T60-89-315

Bench and long-hole drilling

ST58 (2 1/4") bit thread

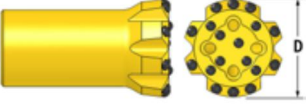
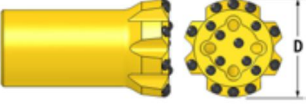
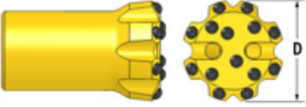
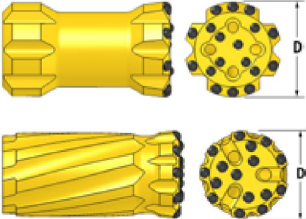
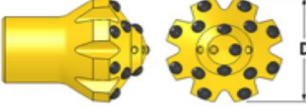
Button bit 	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge	kg	
	89	3 1/2"	6x12	8x12	35°	4	-	4.1	B-ST58-89-612812
Button bit 	89	3 1/2"	6x12	8x14	35°	2	-	4.5	B-ST58-89-612814
Reaming bit, ST58 	152	6"	6x14	8x14	35°	4	-	13.0	RB-ST58-152-614814

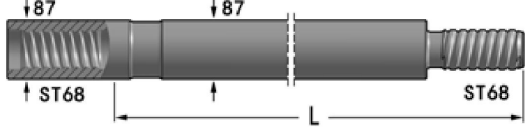
ST58 (2 1/4") Rods

Thread Rods, ST58	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
MF--Rod, ST58-Round76-ST58 	1525	5"	76	3"	33.2	MF-ST58-R76-ST58-1525
	1830	6"	76	3"	41.0	MF-ST58-R76-ST58-1830

Bench and long-hole drilling

ST68 (2 3/4") bit thread

 Button bit	Bit diameter		Buttons, mm		Angle	Flushing hole		Weight kg	Drill T Part No.
	mm	inch	Front No	Gauge No		Front	Gauge		
 Button bit	102	4"	8x12	10x12	35°	4	-	5.2	B-ST68-102-8121012
	115	4 1/2"	8x14	10x14	35°	4	-	5.9	B-ST68-115-8141014
 Button bit	102	4"	6x13	8x14	35°	2	-	5.5	B-ST68-102-613814
 Button bit, Retrac	102	4"	8x12	10x12	35°	4	-	6.2	BR-ST68-102-8121012
	115	4 1/2"	8x14	10x14	35°	4	-	8.4	BR-ST68-115-8141014
	102	4"	7x12	9x12	35°	3	-	6.2	BR-ST68-102-712912
	115	4 1/2"	7x13	9x13	35°	3	-	8.4	BR-ST68-115-713913
 Collaring bit, ST68	152	6"	8x16	9x16	35°	3	-	9.8	B-ST68-152-816916
 Reaming bit, ST68	152	6"	6x14	8x14	35°	4	-	14.0	RB-ST68-152-614814

Thread Rods, ST68	Length		Diameter		Weight	Drill T Part No.
	mm	ft/in	mm	inch	kg	
 MF--Rod, ST68-Round87-ST68	1525	5"	87	3 1/2"	40.0	MF-ST68-R87-ST68-1525
	1830	6"	87	3 1/2"	47.0	MF-ST68-R87-ST68-1830





Shank adapter

Atlas copco 38~40 ▶

Sandvik ▶

Boart ▶

Furukawa ▶

Gardner-Denver ▶

Ingersoll-Rand ▶

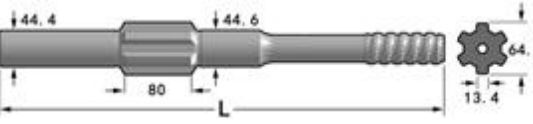
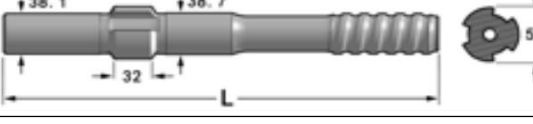
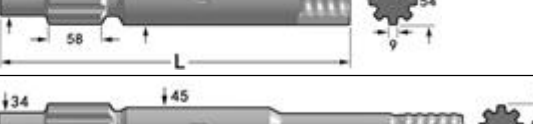
Montabert ▶

SIG ▶

Hexagonal shank adapters ▶

Shank adapter

Atlas Copco

Shank adapter	Rock drill	Thread	Length	Weight	Flushing	Drill T	Part No.
			mm	Kg	mm		
	Atlas Copco BBC 43, BBC 44, BBC 45, BBC 100	R32	380	2.2	10		
	Atlas Copco BBC 51, BBC 52, BBC 54, BBC 120	R32 T38	380 390	2.9 3.4	10 10		
	Atlas Copco BBE 57	T38	538	5.6	14		
	Atlas Copco COP 125, COP 130, COP 131	T38	380	3.3	14		
	Atlas Copco COP 1032HD	R32	340	3.7	-		
	Atlas Copco COP 1032	R32 R35 R38 T38	550 550 550 550	5.3 5.6 5.7 5.7	- - - -		
	Atlas Copco COP 1036	R32 T38	500 500	4.3 4.7	- -		
	Atlas Copco COP 1038HB	T45	500	5.3	-		
	Atlas Copco COP 1038HD COP 1238	R32 R38 T38	485 485 485	4.3 4.5 4.5	- - -		
	Atlas Copco COP 1038HL	R32 T38 T45	575 575 575	4.9 5.2 6.1	- - -		

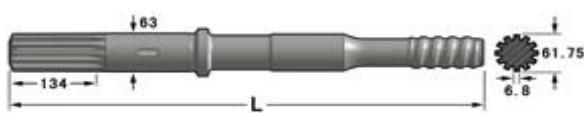
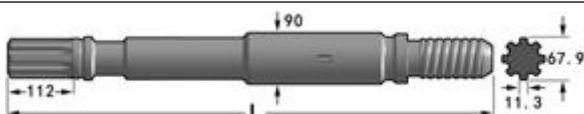
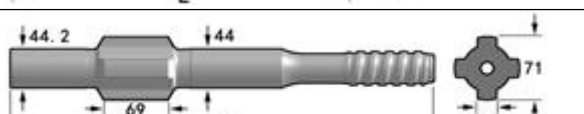
Shank adapter

Atlas Copco

Shank adapter	Rock drill	Thread	Length	Weight	Flushing	Drill T	Part No.
			mm	Kg	mm		
	Atlas Copco COP 1238	R32	500	4.0	-		
		T38	500	4.4	-		
		R38	485	4.2	-		
		T38	485	4.2	-		
		T45	500	5.0	-		
		R32	575	4.9	-		
		R38	575	5.0	-		
		T38	575	5.2	-		
	Atlas Copco COP 1432, COP 1532, COP 1440, COP 1838 HD, COP 1838 ME	R32	435	3.9	-		
		R38	435	4.2	-		
		T38	435	4.2	-		
		R32	525	4.8	-		
		T38	525	5.0	-		
	Atlas Copco COP 1432, COP 1532	R32	341	4.7	-		
		R38	341	5.2	-		
	Atlas Copco COP 1550, COP 1838ME/HE	T38	525	6.2	-		
		T45	525	6.4	-		
		T51	525	6.8	-		

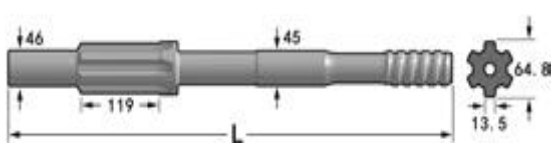
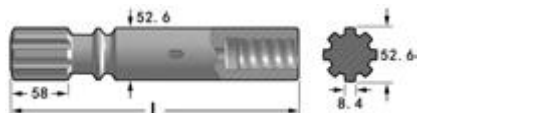
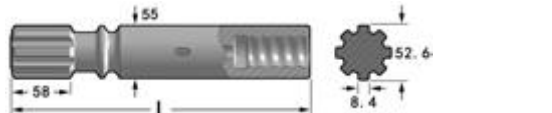
Shank adapter

Atlas Copco,Boart and Furukawa

Shank adapter	Rock drill	Thread	Length	Weight	Flushing	Drill T	Part No.
			mm	Kg	mm		
	Atlas Copco	T38	730	10.1	-		
	COP 1550 EX,	T45	730	10.5	-		
	COP 1838 EX	T51	730	10.7	-		
	Atlas Copco	T45	565	7.2	-		
	COP 1840HE COP 1850	T51	565	7.4	-		
	Atlas Copco	T51	770	11.2	-		
	Atlas Copco	T45	770	13.2	-		
	COP 2160EX	T51	770	13.3	-		
	Atlas Copco	ST68	805	69.6	-		
	Atlas Copco	ST68	835	69.9	-		
	Boart	R38	495	5.6	-		
	HD 125, HD 150, HD 160	T38	495	5.6	-		
	Furukawa	R32	330	3.6	14.3		
	M 120,	R38	350	3.8	14.3		
	PD 200	T38	380	4.0	14.3		
		T38	446	4.3	14.3		
	Furukawa	T38	484	4.0	14.3		
	PD 200R	T45	484	4.3	14.3		
	Furukawa	T38	655	7.8	16		
	HD 260, HD 300	T45	655	7.8	16		

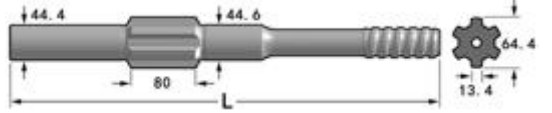
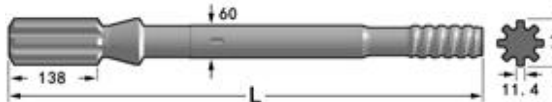
Shank adapter

Furukawa, Gardner-Denver, Ingersoll-Rand and Montabert

Shank adapter	Rock drill	Thread	Length	Weight	Flushing	Drill T	Part No.
			mm	Kg	mm		
	Furukawa HD 609	T38	620	6.2	-		
		T38	690	6.5	-		
		T45	620	6.9	-		
	Furukawa HD 612	T45	710	9.2	-		
	Furukawa HD 712	T45	788	11.2	-		
	Gardner-Denver PR 123	R32	380	3.6	14.3		
		R38	380	3.9	14.3		
		T38	380	3.9	14.3		
		T45	380	4.2	14.3		
	Ingersoll-Rand URD475, URD550, VL120, EVL130, VL140, F16	R32	330	3.6	14		
		R38	350	3.8	14		
		T38	380	4.0	14		
		T38	446	4.3	14		
	Ingersoll-Rand YH 65, YH 80	T38	500	5.8	19		
		T45	500	6.1	19		
	Ingersoll-Rand YH 65 RP, YH 70 RP, YH 75 RP, YH 80 RP	T45	700	8	19		
	Montabert HC 40	R32	447	3.9	-		
		R38	447	4.1	-		
		T38	447	4.1	-		
 	Montabert HC 40	R32	270	4.1	-		
		R38	320	4.4	-		

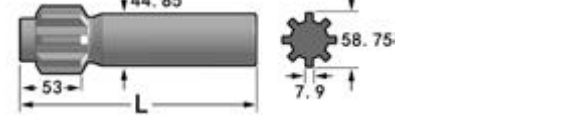
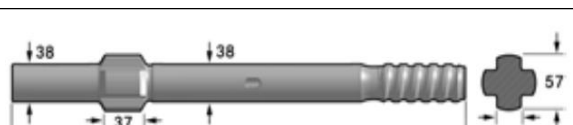
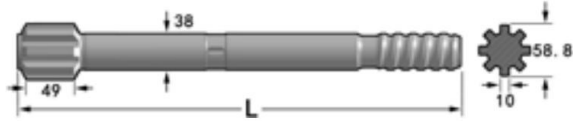
Shank adapter

Montabert and SIG

Shank adapter	Rock drill	Thread	Length	Weight	Flushing	Drill T	Part No.
			mm	Kg	mm		
	Montabert HC 80, HC 90, HC 105, HC 120	R32	440	5.1	-		
		R38	440	5.3	-		
		T38	440	5.3	-		
		T38	500	5.8	-		
	Montabert H 100	T38	540	5.6	14		
	Montabert HC 120, HC 150	T45	490	5.9	-		
	Montabert HC 80R, HC 120R, HC 150R	T45	670	8.3	-		
		T51	670	8.3	-		
	Montabert HC 200	T51	840	13.9	-		
		T60	840	14.2	-		
	SIG HBM 50, HBM 100, HBM 120	R32	340	3.7	-		
	SIG HBM 100, HBM 120	R38	340	4.4	-		
	SIG HBM 50, HBM 100, HBM 120	R32	550	5.3	-		
	SIG HBM 101	R32	500	4.6	-		

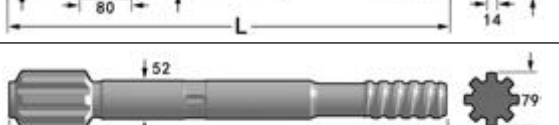
Shank adapter

Sandvik (Tamrock)

Shank adapter	Rock drill	Thread	Length	Weight	Flushing	Drill T	Part No.
			mm	Kg	mm		
	Tamrock HL 300	R32	400	2.8	-		
	Tamrock HL 300S	R32	245	2.8	-		
	Tamrock HLX 3	R32	324	3.8	-		
	Tamrock HLX 3F	R32	205	2.6	-		
	Tamrock L400, L410, L500, L510, L550	R32	380	2.3	10		
	Tamrock HL 438, HL 538, HLR 438L, HLR 438T	R32	380	3.2	12.7		
		T38	400	3.6	12.7		
	Tamrock HL 438LS, HL 438TS, HL 538, HL 538L, L 550S	R32	450	4.1	-		
		R38	450	4.3	-		
		T38	455	4.3	-		
		T38	545	4.8	-		
	Tamrock HL500-38, HL510-38	R32	550	4.3	-		
		T38	550	4.6	-		
	Tamrock HL 500-45, HL 510-45	R32	550	5.6	-		
		T38	550	5.6	-		
		T45	550	6.1	-		
	Tamrock HL 500S-38, HL 510S-38, HL 510B, HL 510HL	R32	460	3.9	-		
		R38	460	4.1	-		
		T38	460	4.1	-		
		R38	500	4.3	-		
		T38	500	4.3	-		

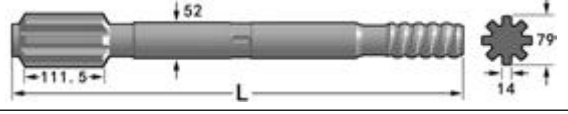
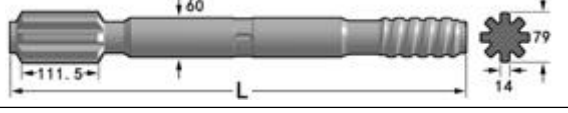
Shank adapter

Sandvik (Tamrock)

Shank adapter	Rock drill	Thread	Length	Weight	Flushing	Drill T	Part No.
			mm	Kg	mm		
	Tamrock HL 500F, HL 510F	R32	350	3.6	-		
	Tamrock HL 550 SUPER, HL 560 SUPER, HL 510S-45	R38 T38 T45	500 500 500	5.5 5.5 5.6	- - -		
	Tamrock HLX 5, HLX 5T	R32 R38 T38 R32 T38 T45	500 500 500 575 575 575	5.4 5.5 5.5 6.4 6.5 6.6	- - - - - -		
	Tamrock HLX5 PE-45	R32 T38	575 575	6.3 6.4	- -		
	Tamrock HL 600-45, HL 600S-45	T38 T45 R32 T38 T45	600 600 525 525 525	6.7 6.7 5.9 6.0 6.1	- - - - -		
	Tamrock HL 600-52, HL 600S-52	T45 T51	650 650	8.0 8.0	- -		
	Tamrock HL 645, HL 645S	T38 T45	600 600	6.6 6.8	- -		
	Tamrock HL 650-45, HL 700-45, HL 700T-45, HL 710-45, HL 800T-45	T38 T45	600 600	7.3 7.8	- -		
	Tamrock HL 650-52, HL 700-52, HL 710-52, HL 800T-52	T38 T45 T51	600 600 600	8.3 8.8 8.8	- - -		
	Tamrock HL 850 HL 850S	T45 T51	670 670	9.8 10.1	- -		
	Tamrock HL 1000-52, HL 1000S-52	T45 T51 T45 T51	670 670 590 590	10.3 11.0 8.7 8.7	- - - -		

Shank adapter

Sandvik (Tamrock)

Shank adapter	Rock drill	Thread	Length	Weight	Flushing	Drill T	Part No.
			mm	Kg	mm		
	Tamrock HL 1000-60	T51	670	13.3	-		
		T60	670	13.4	-		
	Tamrock HL 1000-80	T60	670	20.9	-		
	Tamrock HL 1000S-80	ST58	635	18.2	-		
		ST68	640	19.1	-		
	Tamrock HL 1000 PE-52	T51	840	14.2	-		
	Tamrock HL 1000 PE-65, HL 1500 PE-65, HL 1560 T-65	T51	760	16.8	-		
		T60	760	16.9	-		
	Tamrock HL 1500-52, HL 1500T-52	T51	710	11.9	-		
	Tamrock HL 1500-60, HL 1500T-60	T51	760	16.1	-		
		T60	760	16.1	-		
	Tamrock HL 1500-T80	T60	760	22.9	-		
	Tamrock HL 1500-S80	ST58	635	18.8	-		
		ST68	635	18.9	-		
	Tamrock HL 1500-SPE90	ST58	635	21.8	-		
		ST68	635	21.9	-		



Anchoring

R25	▶
R32	▶
R38	▶
R51	▶
T30	▶
T40	▶
T52	▶
T73	▶
T76	▶
T103	▶

Anchoring

R25 Drill Bit

Bit Type	Outside Diameter	Unit weight	Hardness (HRC/HRA)	Thread Type	Type of steel
	mm	Kg			
EX 	42	0.30	50~55	ISO 10208-R25 Left or Right	EN 10083-3/2006
	51	0.40			
EXX 	42	0.30	87~89		
	51	0.42			
ESF 	42	0.25	50~55		
	51	0.42			
ESSF 	42	0.30	87~89		
	51	0.42			

R25N Anchoring Bar

	Outside Diameter	25	mm
	Internal Diameter	12	mm
	Cross Sectional Area	292	mm ²
	Ultimate Load	≥200	KN
	Yield Load	≥150	KN
	Weight	2.30	Kg/m
	Thread Type	ISO 10208-R25 / Left or Right	
	Type of steel	40Cr / Q345B	
	Elongation %	Agt≥5%, A100mm≥12%, /10%, A200mm≥10%/6%.....	
	Length	1 x2,x3,x4,x5,x6,x7x8x9x10	m

Anchoring

R25 Anchoring Coupling

Outside Diameter	36	mm
Length	150	mm
Hardness (HRC)	20~30	
Thread Type	ISO 10208-R25 / Left or Right	
Type of steel	40Cr	
Unit weight	0.66	Kg

R25 Anchoring Nut

Key Size	41	mm
Length	41	mm
Hardness (HRC)	20~30	
Thread Type	ISO 10208-R25 / Left or Right	
Type of steel	C45 / 40Cr	
Unit weight	0.30	Kg

R25 Anchoring Plate

Size	150 x 150	mm
Length	8	mm
Hardness (HRC)	30	mm
Unit weight	0.30	Kg





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