



MONARK



VIKING SERIES

by MONARK

PRODUCT CATALOGUE
ROCK DRILLING TOOLS



Small hole drilling tools

- ▶ Plug hole rods
- ▶ Integral drill steel
- ▶ Tapered rods and bits

	bits 4° 46
	bits 7°
	bits 11°
	bits 12°
	rods 4° 46
	rods 7°
	rods 11°
	rods 12°
▶ Shank rods	
	R23
	R25
	R28
	R32



Tunneling and drifting

- ▶ Drifting rods

	R32-R25
	R32-R28
	R38-R32
	T38-R32
	R38-R35
	T38-R35

- ▶ Button bits

	R25
	R28
	R32
	R35

- ▶ Couplings



Extension drilling

- ▶ Extension rods

	R25
	R32
	T38
	T45
	T51
	T60
	MT60

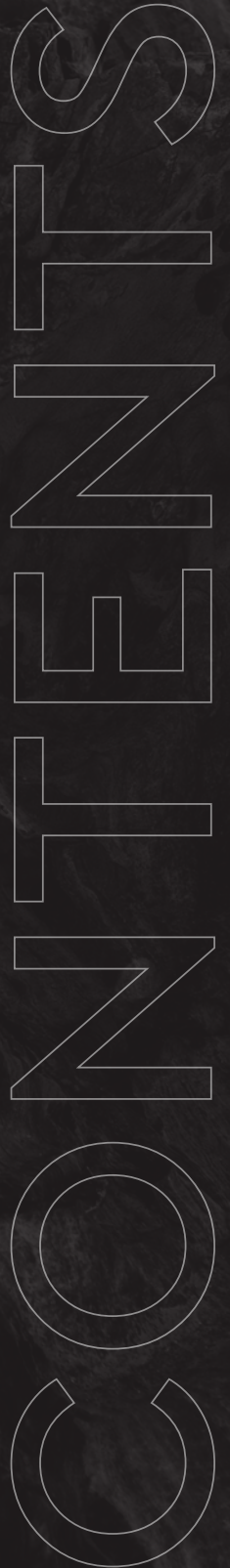
- ▶ Button bits

	R25
	R28
	R32
	T38
	T45
	T51
	MT60

- ▶ Couplings

Shank adaptors

Technical information Button bits



History of Monark

The company has its roots back to 1945 when a small plant was founded in Ockelbo, Sweden. One year later the company started with production of Integral drill Steel - which still is one of our high-volume products. Today Monark operates as a family owned company with production in both Sweden and Norway. We serve the global market with high quality Scandinavian made Rock Drilling tools.

In 1948 the production of stone working tools (REBIT) started up at the same plant. Monark integral drill steel factory was founded in Oslo in 1956 and moved to the current location in 1958. Both locations have had significant investments and changes over the years - some of them highlighted below.

Sweden

1945 – Founded in Ockelbo, Sweden
1977 – Company name changed to REBIT
1980 – Company sold to Fagersta AB under Secoroc
1993 – Fagersta moves all integral drill rod manufacturing to Ockelbo
1996 – Factory moves to current location
2006 – Large investment in automated robotic production
2018 – Company name change to Epiroc
2019 – Became a Monark company

Norway

1956 – Founded in Oslo, Norway
1971 – Sold to Boart Longyear
1990 – Investment in several new machines in production
2005 – Sold to current owners
2007 – Changes name back to the original name Monark
2010 – Starts building a new production hall for button bits
2019 – build new production hall for carburization of rods
2019 – Acquire Epiroc Ockelbo.

Our two factories have had different paths over the years.

The Swedish location became a part of the SECOROC Organization, Atlas Copco, then Epiroc.

Monark came in 2019 and acquired the factory from Epiroc.

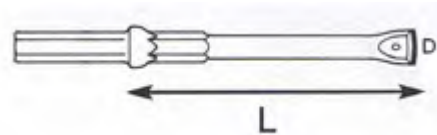
The Norwegian factory became a part of Boart Longyear in 1971 and was under this ownership until 2005 when the factory was sold to the current owners.

Today the company produces about 500 000 drill rods annually and 100 000 button bits.

Small hole drilling tools

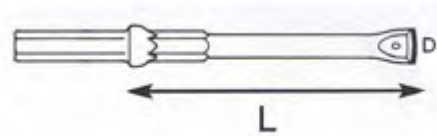
Plug hole rods

SHANK 19mm x 108mm



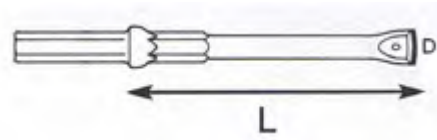
Length	Diameter	Weight	Part number
200mm	17mm	0,8kg	0721 2017-20
250mm	17mm	0,9kg	0721 2517-20
300mm	17mm	1,0kg	0721 3017-20
200mm	20mm	0,8kg	0721 2020-20
250mm	20mm	0,9kg	0721 2520-20
300mm	20mm	1,0kg	0721 3020-20
200mm	22mm	0,8kg	0721 2022-20
250mm	22mm	0,9kg	0721 2522-20
300mm	22mm	1,0kg	0721 3022-20
250mm	23mm	0,9kg	0721 2523-20

SHANK 19mm x 82,5mm



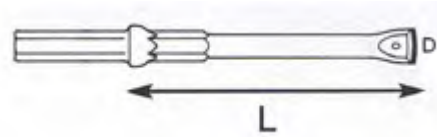
Length	Diameter	Weight	Part number
200mm	17mm	0,8kg	0722 2017-20
250mm	17mm	0,9kg	0722 2517-20
300mm	17mm	1,0kg	0722 3017-20
200mm	20mm	0,8kg	0722 2020-20
250mm	20mm	0,9kg	0722 2520-20
300mm	20mm	1,0kg	0722 3020-20
200mm	22mm	0,8kg	0722 2022-20
250mm	22mm	0,9kg	0722 2522-20
300mm	22mm	1,0ka	0722 3022-20

SHANK 22mm x 108mm



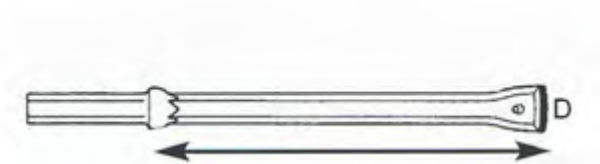
Length	Diameter	Weight	Part number
200mm	17mm	0,8kg	0711 2017-20
250mm	17mm	0,9kg	0711 2517-20
300mm	17mm	1,0kg	0711 3017-20
400mm	17mm	1,2kg	0711 4017-20
200mm	20mm	0,8kg	0711 2020-20
250mm	20mm	0,9kg	0711 2520-20
300mm	20mm	1,0kg	0711 3020-20
400mm	20mm	1,2kg	0711 4020-20
200mm	22mm	0,8kg	0711 2022-20
250mm	22mm	0,9kg	0711 2522-20
300mm	22mm	1,0kg	0711 3022-20
400mm	22mm	1,2kg	0711 4022-20

SHANK 22mm x 82.5mm



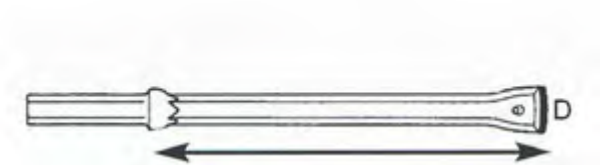
Length	Diameter	Weight	Part number
200mm	17mm	0,8kg	0712 2017-20
250mm	17mm	0,9kg	0712 2517-20
300mm	17mm	1,0kg	0712 3017-20
400mm	17mm	1,2kg	0712 4017-20
200mm	20mm	0,8kg	0712 2020-20
250mm	20mm	0,9kg	0712 2520-20
300mm	20mm	1,0kg	0712 3020-20
400mm	20mm	1,2kg	0712 4020-20
200mm	22mm	0,8kg	0712 2022-20
250mm	22mm	0,9kg	0712 2522-20
300mm	22mm	1,0kg	0712 3022-20
400mm	22mm	1,2kg	0712 4022-20

SHANK 19mm x 108mm



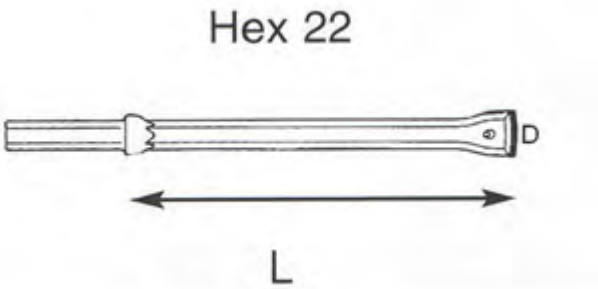
Series	Length	Diameter	Weight	Part number
21	400mm	29mm	1,65kg	0724 0429-20
21	800mm	28mm	2,85kg	0724 0828-20
21	1200mm	27mm	3,65kg	0724 1227-20
21	1600mm	27mm	4,05kg	0724 1627-20
22	2400mm	26mm	5,85kg	0724 2426-20
22	3200mm	25mm	7,65kg	0724 3225-20
22	4000mm	24mm	9,45kg	0724 4024-20

SHANK 22mm x 108mm HEX 19mm body



Series	Length	Diameter	Weight	Part number
	400mm	29mm	1,65kg	0728 0429-20
	800mm	28mm	2,85kg	0728 0828-20
	1200mm	27mm	3,15kg	0728 1227-20
	1600mm	27mm	4,05kg	0728 1627-20
	2400mm	26mm	5,85kg	0728 2426-20
	3200mm	25mm	7,65kg	0728 3225-20
	4000mm	24mm	9,45kg	0728 4024-20
	400mm	26mm	1,35kg	0728 0426-20
	800mm	25mm	2,25kg	0728 0825-20
	1200mm	24mm	3,15kg	0728 1224-20

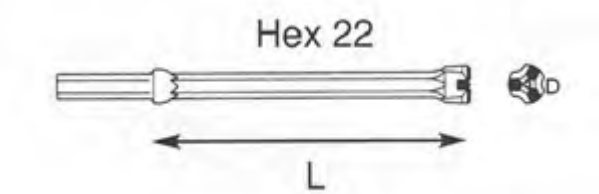
Hex 22



Series	Length	Diameter	Weight	Part number
11	800mm	34mm	3,0kg	0714 0834-11
11	1600mm	33mm	5,4kg	0714 1633-11
11	2400mm	32mm	7,8kg	0714 2432-11
11	3200mm	31mm	10,2kg	0714 3231-11
11	4000mm	30mm	12,6kg	0714 4030-11
11	4800mm	29mm	15,0kg	0714 4829-11
11	5600mm	28mm	17,4kg	0714 5628-11
11	6400mm	27mm	19,8kg	0714 6427-11
11	7200mm	26mm	22,2kg	0714 7226-11
12	800mm	40mm	3,0kg	0714 0840-11
12	1600mm	39mm	5,4kg	0714 1639-11
12	2400mm	38mm	7,8kg	0714 2438-11
12	3200mm	37mm	10,2kg	0714 3237-11
12	4000mm	36mm	12,6kg	0714 4036-11
12	4800mm	35mm	15,0kg	0714 4835-11
12	5600mm	34mm	17,4kg	0714 5634-11
12	6400mm	33mm	19,8kg	0714 6433-11
12	7200mm	32mm	22,2kg	0714 7232-11
12	8000mm	31mm	24,6kg	0714 8031-11
12	8800mm	30mm	27,0kg	0714 8830-11
12	9600mm	29mm	29,4kg	0714 9629-11
13	400mm	34mm	1,8kg	0714 0434-11
13	800mm	33mm	3,0kg	0714 0833-11
13	1200mm	32mm	4,2kg	0714 1232-11
13	1600mm	31mm	5,4kg	0714 1631-11
13	2000mm	30mm	6,6kg	0714 2030-11

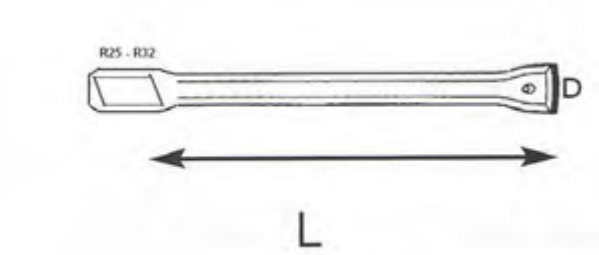
Series	Length	Diameter	Weight	Part number
17	600mm	41mm	2,4kg	0714 0641-11
17	1200mm	40mm	4,2kg	0714 1240-11
17	1800mm	39mm	6,0kg	0714 1839-11
17	2400mm	38mm	7,8kg	0714 2438-11

3-wing and threaded integral drill steel



Length	Diameter	Weight	Part number
2400mm	38mm	7,8kg	0761 2438-10
3200mm	38mm	10,2kg	0761 3238-10
4000mm	38mm	12,6kg	0761 4038-10
4800mm	35mm	15,0kg	0761 4035-10

Threaded integral drill steel

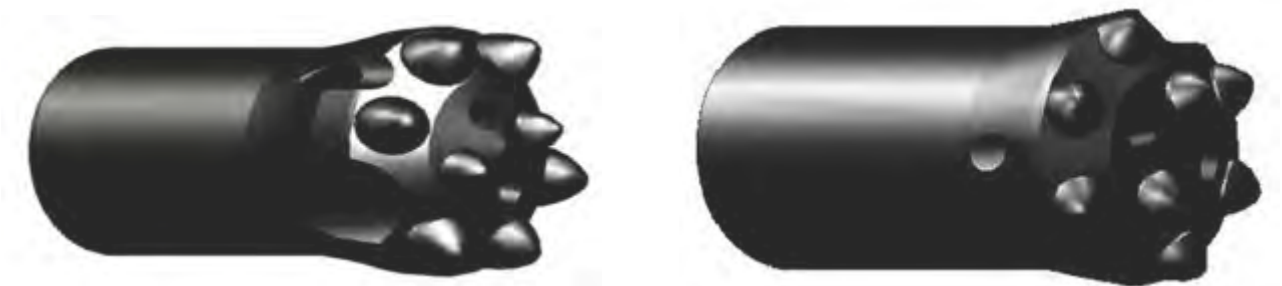


Length mm	Length ft	Diameter	Thread	Hex	Part number
1950mm	6,39ft	23 - 34mm	R28	H19	H19R28 1950 23
1950mm	6,39ft	27 - 45mm	R28	H22	H22R28 1950 34
1950mm	6,39ft	27 - 45mm	R32	H22	H22R32 1950 34

Tapered rods and bits

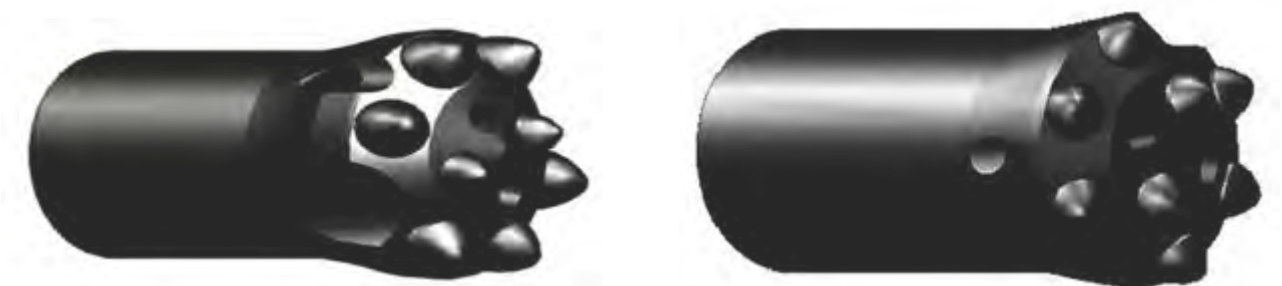
Tapered bits

Tapered bits 4° 46



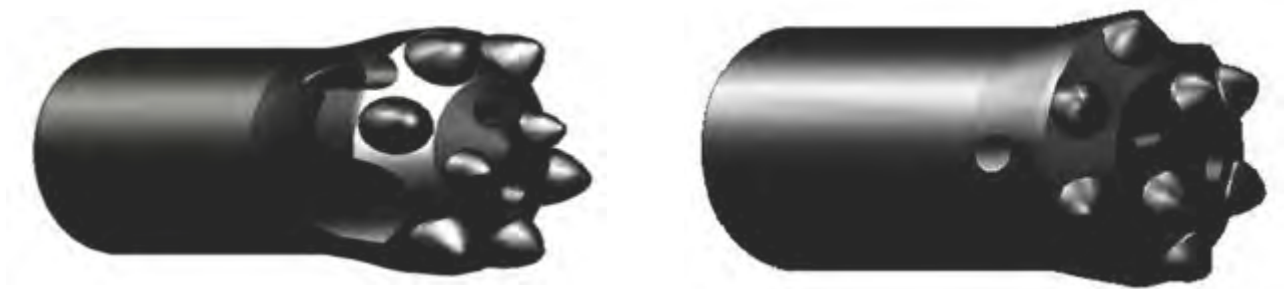
Dia mm	Gauge carbide	Face carbide	Face flushing	Side flushing	Part number
33	6 X 7MM	2 X 7MM	2 X 5MM	1 X 5MM	446D33-8
33	5 X 7MM	2 X 7MM	1 X 5MM	2 X 5MM	446D33-7
35	6 X 7MM	2 X 7MM	2 X 5MM	1 X 5MM	446D35-8
38	6 X 9MM	2 X 7MM	2 X 5MM	1 X 5MM	446D38-8
41	6 X 9MM	2 X 7MM	2 X 5MM	1 X 5MM	446D41-8
41	5 X 9MM	2 X 7MM	1 X 5MM	2 X 5MM	446D41-7

Tapered bits 7°



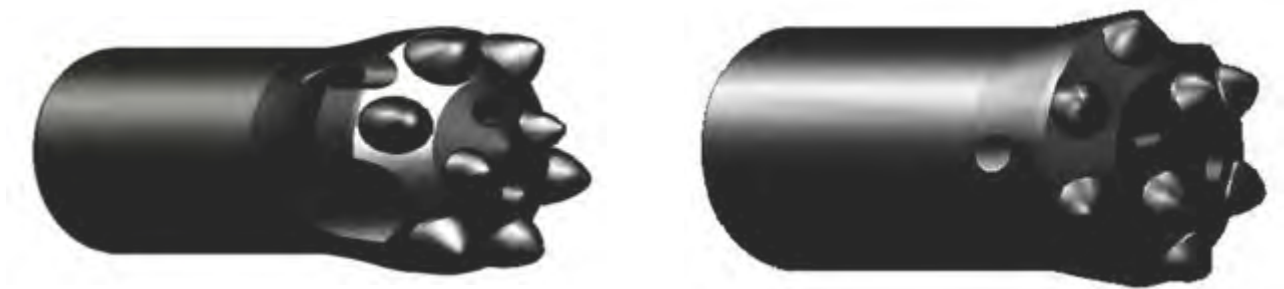
Dia mm	Gauge carbide	Face carbide	Face flushing	Side flushing	Part number
33	6 X 7MM	2 X 7MM	2 X 5MM	1 X 5MM	7D33-8
33	5 X 7MM	2 X 7MM	1 X 5MM	2 X 5MM	7D33-7
35	6 X 7MM	2 X 7MM	2 X 5MM	1 X 5MM	7D35-8
38	6 X 9MM	2 X 7MM	2 X 5MM	1 X 5MM	7D38-8
41	6 X 9MM	2 X 7MM	2 X 5MM	1 X 5MM	7D41-8
41	5 X 9MM	2 X 7MM	1 X 5MM	2 X 5MM	7D41-7

Tapered bits 11°



Dia mm	Gauge carbide	Face carbide	Face flushing	Side flushing	Part number
33	6 X 7MM	2 X 7MM	2 X 5MM	1 X 5MM	11D33-8
33	5 X 7MM	2 X 7MM	1 X 5MM	2 X 5MM	11D33-7
35	6 X 7MM	2 X 7MM	2 X 5MM	1 X 5MM	11D35-8
38	6 X 9MM	2 X 7MM	2 X 5MM	1 X 5MM	11D38-8
38	5 X 9MM	2 X 7MM	1 X 5MM	2 X 5MM	11D38-7
41	6 X 9MM	2 X 7MM	2 X 5MM	1 X 5MM	11D41-8
41	5 X 9MM	2 X 7MM	1 X 5MM	2 X 5MM	11D41-7

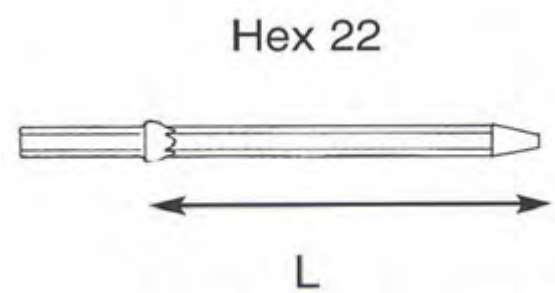
Tapered bits 12°



Dia mm	Gauge carbide	Face carbide	Face flushing	Side flushing	Part number
32	6 X 7MM	2 X 7MM	2 X 5MM	1 X 5MM	12D32-8
32	5 X 7MM	2 X 7MM	1 X 5MM	2 X 5MM	12D32-7
33	6 X 7MM	2 X 7MM	2 X 5MM	1 X 5MM	12D33-8
33	5 X 7MM	2 X 7MM	1 X 5MM	2 X 5MM	12D33-7
35	6 X 7MM	2 X 7MM	2 X 5MM	1 X 5MM	12D35-8
38	6 X 9MM	2 X 7MM	2 X 5MM	1 X 5MM	12D38-8
38	5 X 9MM	2 X 7MM	1 X 5MM	2 X 5MM	12D38-7
41	6 X 9MM	2 X 7MM	2 X 5MM	1 X 5MM	12D41-8
41	5 X 9MM	2 X 7MM	1 X 5MM	2 X 5MM	12D41-7
45	6 X 9MM	2 X 8MM	2 X 5MM	1 X 5MM	12D45-8
45	5 X 9MM	2 X 8MM	1 X 5MM	2 X 5MM	12D45-7

Tapered rods

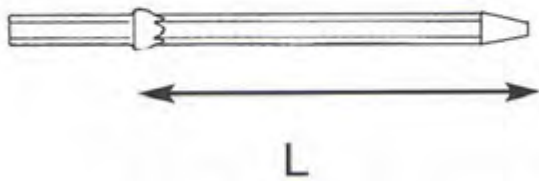
Tapered rods 22x108mm 4° 46



Length mm	Length ft	Degrees	Weight	Part number
400mm	1,31ft	4,46°	1,7kg	0714 0400-4,46°
610mm	2,00ft	4,46°	2,3kg	0714 0610-4,46°
800mm	2,62ft	4,46°	2,9kg	0714 0800-4,46°
1220mm	4,00ft	4,46°	4,1kg	0714 1220-4,46°
1600mm	5,24ft	4,46°	5,3kg	0714 1600-4,46°
1830mm	6,00ft	4,46°	5,9kg	0714 1830-4,46°
1980mm	6,49ft	4,46°	6,3kg	0714 1980-4,46°
2440mm	8,00ft	4,46°	7,7kg	0714 2440-4,46°
3050mm	10,00ft	4,46°	9,6kg	0714 3050-4,46°
3200mm	10,49ft	4,46°	10,1kg	0714 3200-4,46°
3660mm	12,00ft	4,46°	11,5kg	0714 3660-4,46°
4000mm	13,12ft	4,46°	12,5kg	0714 4000-4,46°
4800mm	15,74ft	4,46°	14,9kg	0714 4800-4,46°
5485mm	18,00ft	4,46°	17,4kg	0714 5485-4,46°
5600mm	18,37ft	4,46°	17,8kg	0714 5600-4,46°
6400mm	21,00ft	4,46°	19,7kg	0714 6400-4,46°
7200mm	23,62ft	4,46°	22,1kg	0714 7200-4,46°
7315mm	24,00ft	4,46°	22,4kg	0714 7315-4,46°

Tapered rods 22x108mm 7°

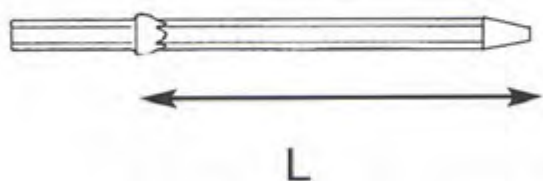
Hex 22



Length mm	Length ft	Degrees	Weight	Part number
400mm	1,31ft	7°	1,7kg	0714 0400-7°
610mm	2,00ft	7°	2,3kg	0714 0610-7°
800mm	2,62ft	7°	2,9kg	0714 0800-7°
1220mm	4,00ft	7°	4,1kg	0714 1220-7°
1600mm	5,24ft	7°	5,3kg	0714 1600-7°
1830mm	6,00ft	7°	5,9kg	0714 1830-7°
1980mm	6,49ft	7°	6,3kg	0714 1980-7°
2440mm	8,00ft	7°	7,7kg	0714 2440-7°
3050mm	10,00ft	7°	9,6kg	0714 3050-7°
3200mm	10,49ft	7°	10,1kg	0714 3200-7°
3660mm	12,00ft	7°	11,5kg	0714 3660-7°
4000mm	13,12ft	7°	12,5kg	0714 4000-7°
4800mm	15,74ft	7°	14,9kg	0714 4800-7°
5485mm	18,00ft	7°	17,4kg	0714 5485-7°
5600mm	18,37ft	7°	17,8kg	0714 5600-7°
6400mm	21,00ft	7°	19,7kg	0714 6400-7°
7200mm	23,62ft	7°	22,1kg	0714 7200-7°
7315mm	24,00ft	7°	22,4kg	0714 7315-7°

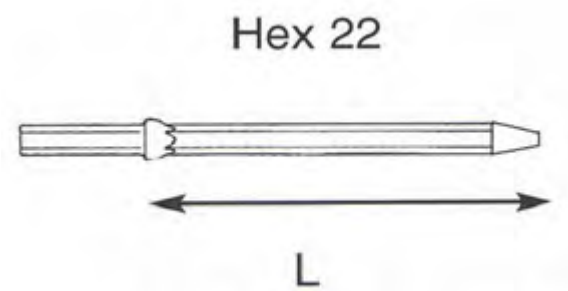
Tapered rods 22x108mm 11°

Hex 22



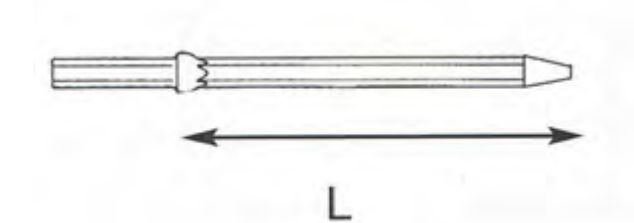
Length mm	Length ft	Degrees	Weight	Part number
400mm	1,31ft	11°	1,7kg	0714 0400-11°
610mm	2,00ft	11°	2,3kg	0714 0610-11°
800mm	2,62ft	11°	2,9kg	0714 0800-11°
915mm	3,00ft	11°	3,45kg	0714 0915-11°
1220mm	4,00ft	11°	4,1kg	0714 1220-11°
1600mm	5,24ft	11°	5,3kg	0714 1600-11°
1830mm	6,00ft	11°	5,9kg	0714 1830-11°
1980mm	6,49ft	11°	6,3kg	0714 1980-11°
2440mm	8,00ft	11°	7,7kg	0714 2440-11°
3050mm	10,00ft	11°	9,6kg	0714 3050-11°
3200mm	10,49ft	11°	10,1kg	0714 3200-11°
3660mm	12,00ft	11°	11,5kg	0714 3660-11°
4000mm	13,12ft	11°	12,5kg	0714 4000-11°
4800mm	15,74ft	11°	14,9kg	0714 4800-11°
5485mm	18,00ft	11°	17,4kg	0714 5485-11°
5600mm	18,37ft	11°	17,8kg	0714 5600-11°
6400mm	21,00ft	11°	19,7kg	0714 6400-11°
7200mm	23,62ft	11°	22,1kg	0714 7200-11°
7315mm	24,00ft	11°	22,4kg	0714 7315-11°

Tapered rods 22x108mm 12°



Length mm	Length ft	Degrees	Weight	Part number
400mm	1,31ft	12°	1,7kg	0714 0400-12°
610mm	2,00ft	12°	2,3kg	0714 0610-12°
800mm	2,62ft	12°	2,9kg	0714 0800-12°
915mm	3,00ft	12°	3,45kg	0714 0915-12°
1220mm	4,00ft	12°	4,1kg	0714 1220-12°
1600mm	5,24ft	12°	5,3kg	0714 1600-12°
1830mm	6,00ft	12°	5,9kg	0714 1830-12°
1980mm	6,49ft	12°	6,3kg	0714 1980-12°
2440mm	8,00ft	12°	7,7kg	0714 2440-12°
3050mm	10,00ft	12°	9,6kg	0714 3050-12°
3200mm	10,49ft	12°	10,1kg	0714 3200-12°
3660mm	12,00ft	12°	11,5kg	0714 3660-12°
4000mm	13,12ft	12°	12,5kg	0714 4000-12°
4800mm	15,74ft	12°	14,9kg	0714 4800-12°
5485mm	18,00ft	12°	17,4kg	0714 5485-12°
5600mm	18,37ft	12°	17,8kg	0714 5600-12°
6400mm	21,00ft	12°	19,7kg	0714 6400-12°
7200mm	23,62ft	12°	22,1kg	0714 7200-12°
7315mm	24,00ft	12°	22,4kg	0714 7315-12°

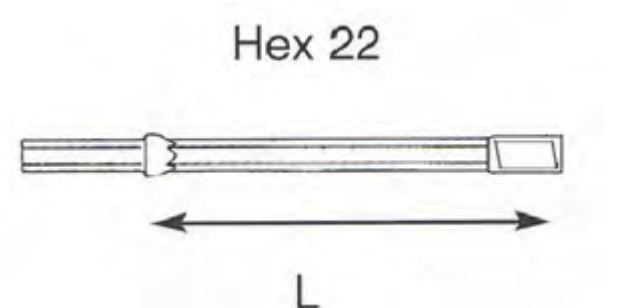
Tapered rods 25x108mm 7°



Length mm	Length ft	Degrees	Weight	Part number
1600mm	5,24ft	7°	6,8kg	0734 1600-7*
1800mm	5,90ft	7°	7,7kg	0734 1800-7*
2000mm	6,56ft	7°	8,5kg	0734 2000-7*
2200mm	7,21ft	7°	9,4kg	0734 2200-7*
2400mm	7,87ft	7°	10,3kg	0734 2400-7*
2500mm	8,20ft	7°	10,7kg	0734 2400-7*
3200mm	10,49ft	7°	13,7kg	0734 3200-7*

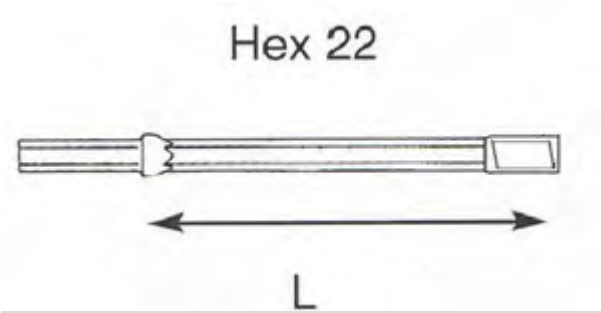
Shank rods

Shank rods R23



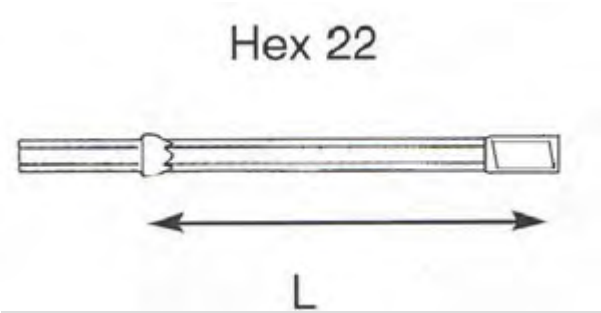
Length mm	Length ft	Thread	Weight	Part number
250mm	0,80ft	R23	1,4kg	0714 0250 R23
400mm	1,31ft	R23	1,8kg	0714 0400 R23
800mm	2,62ft	R23	3,0kg	0714 0800 R23
1600mm	5,24ft	R23	5,4kg	0714 1600 R23
1830mm	6,00ft	R23	6,3kg	0714 1830 R23
1980mm	6,49ft	R23	6,7kg	0714 1980 R23
2400mm	7,87ft	R23	7,8kg	0714 2400 R23
2440mm	8,00ft	R23	8,1kg	0714 2440 R23
3050mm	10,00ft	R23	9,9kg	0714 3050 R23
3200mm	10,49ft	R23	10,5kg	0714 3200 R23
3600mm	11,81ft	R23	11,6kg	0714 3600 R23
4000mm	13,12ft	R23	12,6kg	0714 4000 R23

Shank rods R25



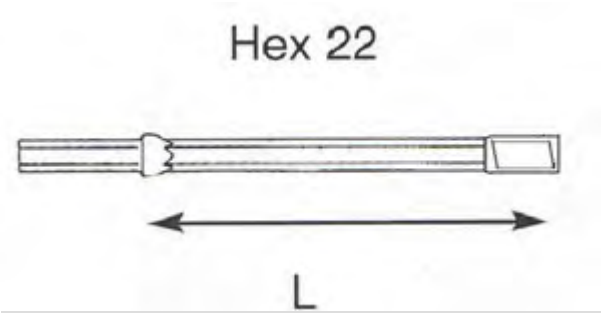
Length mm	Length ft	Thread	Weight	Part number
250mm	0,80ft	R25	1,4kg	0714 0250 R25
400mm	1,31ft	R25	1,8kg	0714 0400 R25
800mm	2,62ft	R25	3,0kg	0714 0800 R25
1220mm	4,00ft	R25	4,2kg	0714 1220 R25
1600mm	5,24ft	R25	5,4kg	0714 1600 R25
1830mm	6,00ft	R25	6,3kg	0714 1830 R25
1980mm	6,49ft	R25	6,7kg	0714 1980 R25
2400mm	7,87ft	R25	7,8kg	0714 2400 R25
2440mm	8,00ft	R25	8,1kg	0714 2440 R25
3050mm	10,00ft	R25	9,9kg	0714 3050 R25
3200mm	10,49ft	R25	10,5kg	0714 3200 R25
3600mm	11,81ft	R25	11,6kg	0714 3600 R25
4000mm	13,12ft	R25	12,6kg	0714 4000 R25

Shank rods R28



Length mm	Length ft	Thread	Weight	Part number
250mm	0,80ft	R28	1,4kg	0714 0250 R28
400mm	1,31ft	R28	1,8kg	0714 0400 R28
800mm	2,62ft	R28	3,0kg	0714 0800 R28
1600mm	5,24ft	R28	5,4kg	0714 1600 R28
1830mm	6,00ft	R28	6,3kg	0714 1830 R28
1980mm	6,49ft	R28	6,7kg	0714 1980 R28
2400mm	7,87ft	R28	7,8kg	0714 2400 R28
2440mm	8,00ft	R28	8,1kg	0714 2440 R28
3050mm	10,00ft	R28	9,9kg	0714 3050 R28
3200mm	10,49ft	R28	10,5kg	0714 3200 R28
3600mm	11,81ft	R28	11,6kg	0714 3600 R28
4000mm	13,12ft	R28	12,6kg	0714 4000 R28

Shank rods R32



Length mm	Length ft	Thread	Weight	Part number
250mm	0,80ft	R32	1,4kg	0714 0250 R32
400mm	1,31ft	R32	1,8kg	0714 0400 R32
800mm	2,62ft	R32	3,0kg	0714 0800 R32
1600mm	5,24ft	R32	5,4kg	0714 1600 R32
1830mm	6,00ft	R32	6,3kg	0714 1830 R32
1980mm	6,49ft	R32	6,7kg	0714 1980 R32
2400mm	7,87ft	R32	7,8kg	0714 2400 R32
2440mm	8,00ft	R32	8,1kg	0714 2440 R32
3050mm	10,00ft	R32	9,9kg	0714 3050 R32
3200mm	10,49ft	R32	10,5kg	0714 3200 R32
3600mm	11,81ft	R32	11,6kg	0714 3600 R32
4000mm	13,12ft	R32	12,6kg	0714 4000 R32

Tunneling and drifting

Drifting rods

R32-R25 HEX 25 BODY



Eff. Length	Part number
2020mm	DR3225-2020-H25
2480mm	DR3225-2480-H25
2900mm	DR3225-2900-H25
3090mm	DR3225-3090-H25
3700mm	DR3225-3700-H25
4300mm	DR3225-4300-H25
5525mm	DR3225-5525-H25

R32-R28 HEX 28 BODY



Eff. Length	Part number
2480mm	DR3228-2480-H28
2785mm	DR3228-2785-H28
3090mm	DR3228-3090-H28
3700mm	DR3228-3700-H28
4300mm	DR3228-4300-H28
5525mm	DR3228-5525-H28

R38-R32 HEX 32mm



Eff. Length	Part number
3090mm	DR3832-3090-H32
3700mm	DR3832-3700-H32
4300mm	DR3832-4300-H32
4915mm	DR3832-4915-H32
5525mm	DR3832-5525-H32

T38-R32 HEX 32mm



Eff. Length	Part number
3090mm	DRT3832-3090-H32
3700mm	DRT3832-3700-H32
4300mm	DRT3832-4300-H32
4915mm	DRT3832-4915-H32
5525mm	DRT3832-5525-H32

R38-R32 HEX 35mm



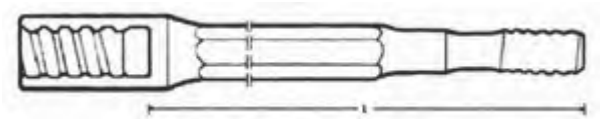
Eff. Length	Part number
3090mm	DR3832-3090-H35
3700mm	DR3832-3700-H35
4300mm	DR3832-4300-H35
4915mm	DR3832-4915-H35
5525mm	DR3832-5525-H35

T38-R32 HEX 35mm



Eff. Length	Part number
3090mm	DRT3832-3090-H35
3700mm	DRT3832-3700-H35
4300mm	DRT3832-4300-H35
4915mm	DRT3832-4915-H35
5525mm	DRT3832-5525-H35

T38F-R32M HEX 35mm



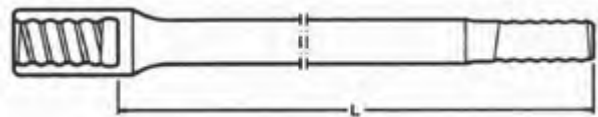
Eff. Length	Part number
3100mm	MF3832-3100-H35
3700mm	MF3832-3700-H35
4305mm	MF3832-4305-H35
4915mm	MF3832-4915-H35
5525mm	MF3832-5525-H35

T38-R32 ROUND 39mm



Eff. Length	Part number
3100mm	DRT3832-3100-39
3700mm	DRT3832-3700-39
4305mm	DRT3832-4305-39
4915mm	DRT3832-4915-39
5525mm	DRT3832-5525-39
6440mm	DRT3832-6440-39

T38F-R32M ROUND 39mm



Eff. Length	Part number
3100mm	MF3832-3100-39
3700mm	MF3832-3700-39
4305mm	MF3832-4305-39
4915mm	MF3832-4915-39
5525mm	MF3832-5525-39
6440mm	MF3832-6440-39

R38-R35 HEX 35mm



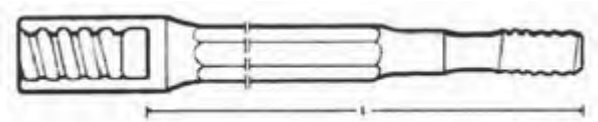
Eff. Length	Part number
3700mm	DR3832-3700-H35
4305mm	DR3832-4305-H35
4915mm	DR3832-4915-H35
5525mm	DR3832-5525-H35
6440mm	DR3832-6440-H35

T38-R35 HEX 35mm



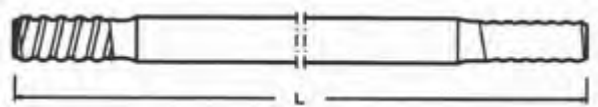
Eff. Length	Part number
3700mm	DRT3832-3700-H35
4305mm	DRT3832-4305-H35
4915mm	DRT3832-4915-H35
5525mm	DRT3832-5525-H35
6440mm	DRT3832-6440-H35

T38F-R35M HEX 35mm



Eff. Length	Part number
3700mm	MF3832-3700-H35
4305mm	MF3832-4305-H35
4915mm	MF3832-4915-H35
5525mm	MF3832-5525-H35
6440mm	MF3832-6440-H35

T38-R35 ROUND 39mm



Eff. Length	Part number
4305mm	DR3832-4305-39
4915mm	DR3832-4915-39
5525mm	DR3832-5525-39
6440mm	DR3832-6440-39

T38F-R35M ROUND 39mm



Eff. Length	Part number
3700mm	MF3832-3700-39
4305mm	MF3832-4305-39
4915mm	MF3832-4915-39
5525mm	MF3832-5525-39
6440mm	MF3832-6440-39

Button bits

R25

Button bits R25 NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
33	5 x 7mm	2 x 7mm	2 x 5mm	1 x 5mm	35	25R33NF
35	5 x 8mm	2 x 7mm	2 x 5mm	1 x 5mm	35	25R35NF
37	5 x 9mm	2 x 7mm	2 x 5mm	1 x 5mm	35	25R37NF
38	5 x 9mm	2 x 7mm	2 x 5mm	1 x 5mm	35	25R38NF
41	5 x 9mm	2 x 8mm	2 x 5mm	1 x 5mm	35	25R41NF
45	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	25R45NF
48	5 x 10mm	2 x 9mm	2 x 6mm	1 x 5mm	35	25R48NF

Button bits R25 NF8



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
33	6 x 7mm	2 x 7mm	1 x 5mm	2 x 5mm	35	25R33NF8
35	6 x 7mm	2 x 7mm	1 x 5mm	2 x 5mm	35	25R35NF8
37	6 x 8mm	2 x 7mm	1 x 5mm	2 x 5mm	35	25R37NF8
38	6 x 8mm	2 x 7mm	1 x 5mm	2 x 5mm	35	25R38NF8
41	6 x 8mm	2 x 8mm	1 x 5mm	2 x 5mm	35	25R41NF8
45	6 x 9mm	2 x 8mm	1 x 6mm	2 x 6mm	35	25R45NF8
48	6 x 10mm	2 x 9mm	1 x 6mm	2 x 6mm	35	25R48NF8

Button bits R25 NG



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
38	6 x 8mm	3 x 7mm	1 x 5mm	3 x 5mm	35	25R38NG
45	6 x 9mm	3 x 7mm	1 x 5mm	3 x 5mm	35	25R45NG
48	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	25R48NG
51	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	25R51NG

R28

Button bits R28 NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
37	5 x 9mm	2 x 7mm	2 x 5mm	1 x 5mm	35	28R37NF
38	5 x 9mm	2 x 7mm	2 x 5mm	1 x 5mm	35	28R38NF
41	5 x 9mm	2 x 8mm	2 x 5mm	1 x 5mm	35	28R41NF
45	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	28R45NF
48	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	28R48NF

Button bits R28 NF8



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
37	6 x 8mm	2 x 7mm	1 x 5mm	2 x 5mm	35	28R37NF8
38	6 x 8mm	2 x 7mm	1 x 5mm	2 x 5mm	35	28R38NF8
41	6 x 8mm	2 x 8mm	1 x 5mm	2 x 5mm	35	28R41NF8
45	6 x 9mm	2 x 8mm	1 x 6mm	2 x 6mm	35	28R45NF8
48	6 x 10mm	2 x 9mm	1 x 6mm	2 x 6mm	35	28R48NF8

Button bits R28 NG



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
38	6 x 8mm	3 x 7mm	1 x 5mm	3 x 5mm	35	28R38NG
45	6 x 9mm	3 x 8mm	1 x 5mm	3 x 5mm	35	28R45NG
48	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	28R48NG
51	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	28R51NG

Button bits R28 RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
45	6 x 9mm	3 x 8mm	-	3 x 5mm	35	28R45RD

R32

Button bits R32 NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
45	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	32R45NF
48	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	32R48NF
51	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	32R51NF

Button bits R32 NF8



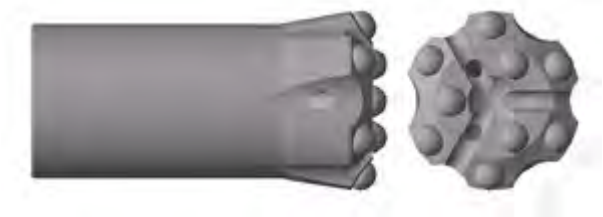
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
41	6 x 8mm	2 x 8mm	1 x 5mm	2 x 5mm	35	32R41NF8
43	6 x 9mm	2 x 8mm	1 x 5mm	2 x 5mm	35	32R43NF8

Button bits R32 NG



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
45	6 x 9mm	3 x 8mm	1 x 5mm	3 x 5mm	35	32R45NG

Button bits R32 ND



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
48	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	32R48ND
51	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	32R51ND
64	6 x 11mm	3 x 10mm	1 x 7mm	3 x 8mm	35	32R64ND

Button bits R32 57NF



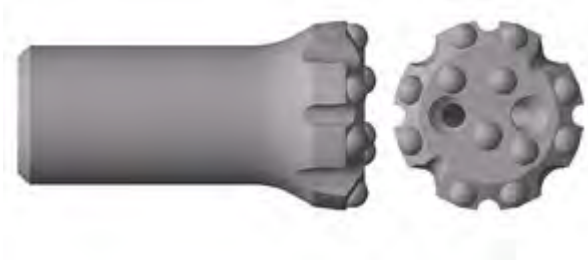
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
57	6 x 10mm	3 x 9mm	1 x 8mm	1 x 8mm	35	32R57NF

Button bits R32 RD



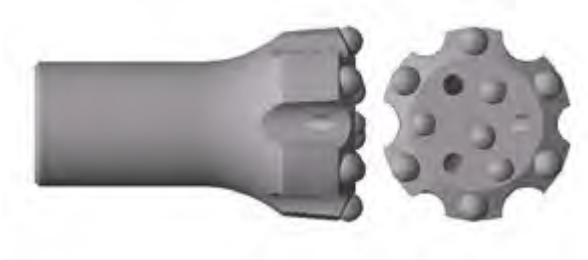
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
48	6 x 10mm	3 x 9mm	-	3 x 5mm	35	32R48RD
51	6 x 10mm	3 x 9mm	-	3 x 5mm	35	32R51RD
64	6 x 11mm	3 x 10mm	1 x 7mm	3 x 8mm	35	32R64RD

Button bits R32 64NF



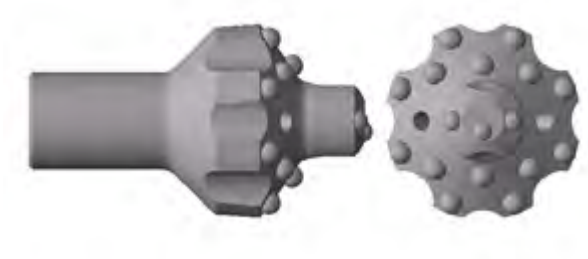
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
64	8 x 10mm	4 x 10mm	1 x 7mm	2 x 9mm	35	32R64NF

Button bits R32 76NF



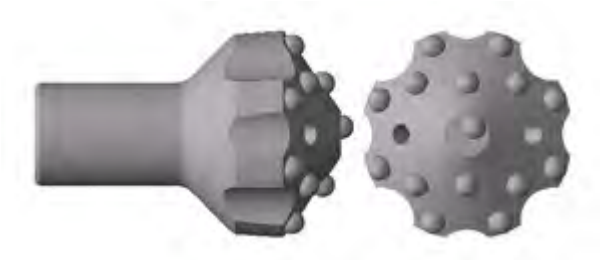
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
76	6 x 12mm	4 x 10mm	1 x 7mm	3 x 8mm	35	32R76NF

Button bits R32 REA



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 12mm	3 x 10mm	-	2 x 10mm	35	32R89REA
102	14 x 12mm	3 x 10mm	-	2 x 10mm	35	32R102REA
115	14 x 12mm	3 x 10mm	-	2 x 10mm	35	32R115REA
127	14 x 14mm	3 x 10mm	-	2 x 10mm	35	32R127REA

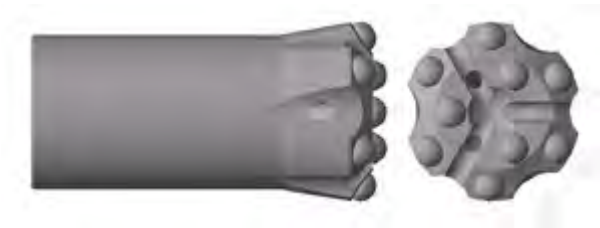
Button bits R32 DOM



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 12mm	6 x 12mm	-	2 x 10mm	35	32R89DOM
102	8 x 12mm	8 x 12mm	-	2 x 10mm	35	32R102DOM

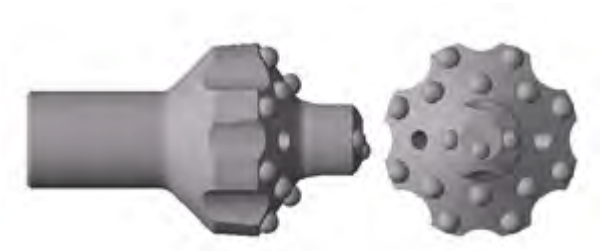
R35

Button bits R35 ND



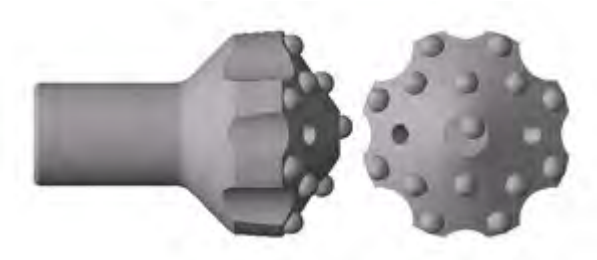
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
48	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	35R48ND
51	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	35R51ND
64	6 x 11mm	3 x 10mm	1 x 7mm	3 x 8mm	35	35R64ND

Button bits R35 REA



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 12mm	3 x 10mm	-	2 x 10mm	35	35R89REA
102	14 x 12mm	3 x 10mm	-	2 x 10mm	35	35R102REA
115	14 x 12mm	3 x 10mm	-	2 x 10mm	35	35R115REA
127	14 x 14mm	3 x 10mm	-	2 x 10mm	35	35R127REA

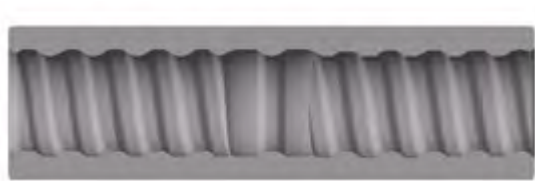
Button bits R35 DOM



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 12mm	6 x 12mm	-	2 x 10mm	35	35R89DOM
102	8 x 12mm	8 x 12mm	-	2 x 10mm	35	35R102DOM

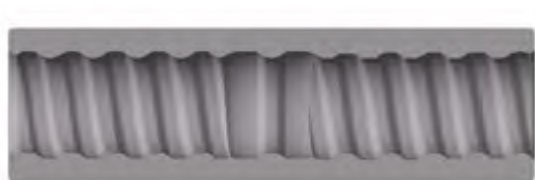
Couplings

Couplings R32



Diameter	Length	Description	Part number
45 mm	159 mm	R32 SB CPL	CPLR32-45
55 mm	175 mm	R32 SB CPL	CPLR32-55

Couplings R38



Diameter	Length	Description	Part number
55 mm	175 mm	R38 SB CPL	CPLR38-55
55 mm	190 mm	R38 SB CPL	CPLT38-55

Extension drilling

Extension rods

R25

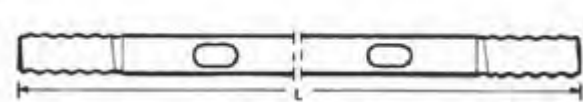
R25 HEX 25mm



Eff. Length	Part number
610mm	H25 R25 610
915mm	H25 R25 915
1220mm	H25 R25 1220
1525mm	H25 R25 1525
1830mm	H25 R25 1830
2430mm	H25 R25 2430
3050mm	H25 R25 3050
3660mm	H25 R25 3660

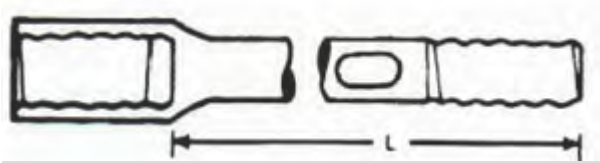
R32

R32 Round 32mm



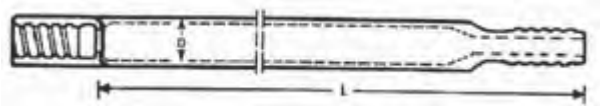
Eff. Length	Part number
1220mm	EX3232-1220-32
1525mm	EX3232-1525-32
1830mm	EX3232-1830-32
2430mm	EX3232-2430-32
3050mm	EX3232-3050-32
3660mm	EX3232-3660-32

MF R32 Round 32mm



Eff. Length	Part number
1220mm	MF3232-1220-32
1525mm	MF3232-1525-32
1830mm	MF3232-1830-32
2430mm	MF3232-2430-32
3050mm	MF3232-3050-32
3660mm	MF3232-3660-32
4270mm	MF3232-4270-32

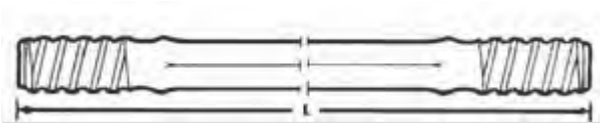
MF Guide rods R32 Round 44mm



Eff. Length	Part number
3050mm	MF3232-3050-44
3660mm	MF3232-3660-44
4270mm	MF3232-4270-44

T38

T38 HEX 32mm



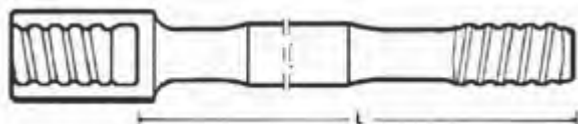
Eff. Length	Part number
3050mm	EX3838-3050-32
3660mm	EX3838-3660-32
4270mm	EX3838-4270-32

T38 Round 39mm



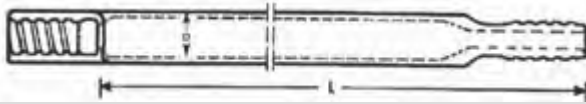
Eff. Length	Part number
1220mm	EX3838-1220-39
1525mm	EX3838-1525-39
1830mm	EX3838-1830-39
2430mm	EX3838-2430-39
3050mm	EX3838-3050-39
3660mm	EX3838-3660-39
4270mm	EX3838-4270-39
4905mm	EX3838-4905-39

MF T38 Round 39mm



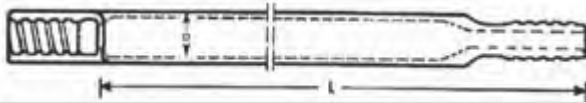
Eff. Length	Part number
1220mm	MF3838-1220-39
1525mm	MF3838-1525-39
1830mm	MF3838-1830-39
2430mm	MF3838-2430-39
3050mm	MF3838-3050-39
3660mm	MF3838-3660-39
4270mm	MF3838-4270-39
4905mm	MF3838-4905-39

MF Guide rods T38 Round 55mm



Eff. Length	Part number
1220mm	MF3838-1220-55
1525mm	MF3838-1525-55
1830mm	MF3838-1830-55
2430mm	MF3838-2430-55
3050mm	MF3838-3050-55

MF Guide rods T38 Round 64mm



Eff. Length	Part number
1220mm	MF4545-1220-64
1525mm	MF4545-1525-64
1830mm	MF4545-1830-64
2430mm	MF4545-2430-64
3050mm	MF4545-3050-64

T45

T45 HEX 38mm



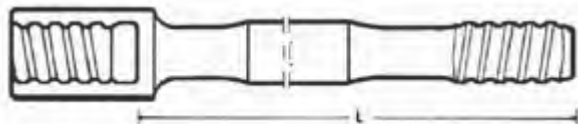
Eff. Length	Part number
3050mm	EX4545-3050-38
3660mm	EX4545-3660-38
4270mm	EX4545-4270-38

T45 Round 45mm



Eff. Length	Part number
1220mm	EX4545-1220-45
1525mm	EX4545-1525-45
1830mm	EX4545-1830-45
2430mm	EX4545-2430-45
3050mm	EX4545-3050-45
3660mm	EX4545-3660-45
4270mm	EX4545-4270-45
4905mm	EX4545-4905-45

MF T45 Round 45mm



Eff. Length	Part number
1220mm	MF4545-1220-45
1525mm	MF4545-1525-45
1830mm	MF4545-1830-45
2430mm	MF4545-2430-45
3050mm	MF4545-3050-45
3660mm	MF4545-3660-45
4270mm	MF4545-4270-45
4905mm	MF4545-4905-45

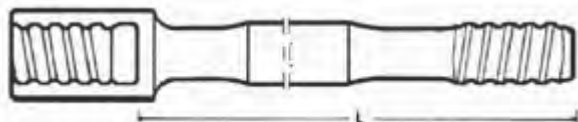
T51

T51 Round 51mm



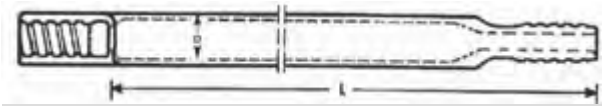
Eff. Length	Part number
1220mm	EX5151-1220-51
1525mm	EX5151-1525-51
1830mm	EX5151-1830-51
2430mm	EX5151-2430-51
3050mm	EX5151-3050-51
3660mm	EX5151-3660-51
4270mm	EX5151-4270-51
4905mm	EX5151-4905-51

MF T51 Round 51mm



Eff. Length	Part number
1220mm	MF5151-1220-51
1525mm	MF5151-1525-51
1830mm	MF5151-1830-51
2430mm	MF5151-2430-51
3050mm	MF5151-3050-51
3660mm	MF5151-3660-51
4270mm	MF5151-4270-51
4905mm	MF5151-4905-51

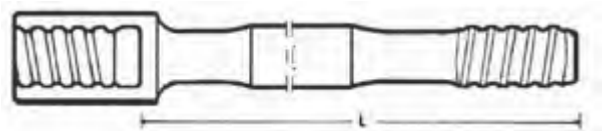
MF Guide rods T51 Round 76mm



Eff. Length	Part number
1220mm	MF5151-1220-76
1525mm	MF5151-1525-76
1830mm	MF5151-1830-76
2430mm	MF5151-2430-76
3050mm	MF5151-3050-76

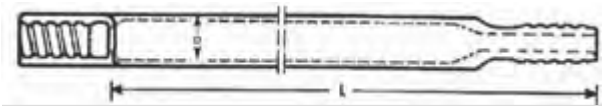
T60

MF T60 Round 60mm



Eff. Length	Part number
3050mm	MF6060-3050-60
3660mm	MF6060-3660-60
4270mm	MF6060-4270-60
4905mm	MF6060-4905-60

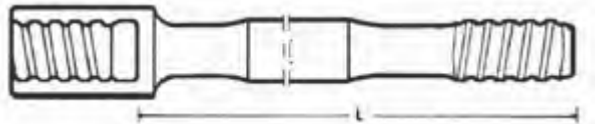
MF Guide rods T60 Round



Eff. Length	Part number
3660mm	MF6060-3660-G
4270mm	MF6060-4270-G

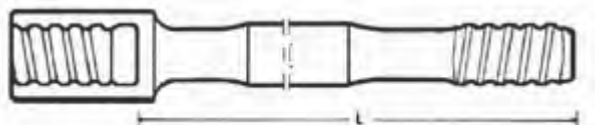
MT60

MF MT60 Round 82mm



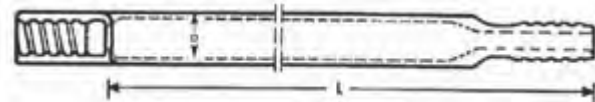
Eff. Length	Part number
3050mm	MT6060-3050-82
3660mm	MT6060-3660-82
4270mm	MT6060-4270-82
4905mm	MT6060-4905-82

MF MT60 Round 85mm



Eff. Length	Part number
3050mm	MT6060-3050-85
3660mm	MT6060-3660-85
4270mm	MT6060-4270-85
4905mm	MT6060-4905-85

MF Guide rods MT60 Round 87mm



Eff. Length	Part number
4265mm	MT6060-4270-G

Button bits

R25

Button bits R25 NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
33	5 x 7mm	2 x 7mm	2 x 5mm	1 x 5mm	35	25R33NF
35	5 x 8mm	2 x 7mm	2 x 5mm	1 x 5mm	35	25R35NF
37	5 x 9mm	2 x 7mm	2 x 5mm	1 x 5mm	35	25R37NF
38	5 x 9mm	2 x 7mm	2 x 5mm	1 x 5mm	35	25R38NF
41	5 x 9mm	2 x 8mm	2 x 5mm	1 x 5mm	35	25R41NF
45	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	25R45NF
48	5 x 10mm	2 x 9mm	2 x 6mm	1 x 5mm	35	25R48NF

Button bits R25 NF8



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
33	6 x 7mm	2 x 7mm	1 x 5mm	2 x 5mm	35	25R33NF8
35	6 x 7mm	2 x 7mm	1 x 5mm	2 x 5mm	35	25R35NF8
37	6 x 8mm	2 x 7mm	1 x 5mm	2 x 5mm	35	25R37NF8
38	6 x 8mm	2 x 7mm	1 x 5mm	2 x 5mm	35	25R38NF8
41	6 x 8mm	2 x 8mm	1 x 5mm	2 x 5mm	35	25R41NF8
45	6 x 9mm	2 x 8mm	1 x 6mm	2 x 6mm	35	25R45NF8
48	6 x 10mm	2 x 9mm	1 x 6mm	2 x 6mm	35	25R48NF8

Button bits R25 NG



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
38	6 x 8mm	3 x 7mm	1 x 5mm	3 x 5mm	35	25R38NG
45	6 x 9mm	3 x 7mm	1 x 5mm	3 x 5mm	35	25R45NG
48	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	25R48NG
51	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	25R51NG

R28

Button bits R28 NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
37	5 x 9mm	2 x 7mm	2 x 5mm	1 x 5mm	35	28R37NF
38	5 x 9mm	2 x 7mm	2 x 5mm	1 x 5mm	35	28R38NF
41	5 x 9mm	2 x 8mm	2 x 5mm	1 x 5mm	35	28R41NF
45	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	28R45NF
48	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	28R48NF

Button bits R28 NF8



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
37	6 x 8mm	2 x 7mm	1 x 5mm	2 x 5mm	35	28R37NF8
38	6 x 8mm	2 x 7mm	1 x 5mm	2 x 5mm	35	28R38NF8
41	6 x 8mm	2 x 8mm	1 x 5mm	2 x 5mm	35	28R41NF8
45	6 x 9mm	2 x 8mm	1 x 6mm	2 x 6mm	35	28R45NF8
48	6 x 10mm	2 x 9mm	1 x 6mm	2 x 6mm	35	28R48NF8

Button bits R28 NG



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
38	6 x 8mm	3 x 7mm	1 x 5mm	3 x 5mm	35	28R38NG
45	6 x 9mm	3 x 8mm	1 x 5mm	3 x 5mm	35	28R45NG
48	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	28R48NG
51	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	28R51NG

Button bits R28 RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
45	6 x 9mm	3 x 8mm	-	3 x 5mm	35	28R45RD

R32

Button bits R32 NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
45	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	32R45NF
48	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	32R48NF
51	5 x 10mm	2 x 9mm	2 x 6mm	1 x 6mm	35	32R51NF

Button bits R32 NF8



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
41	6 x 8mm	2 x 8mm	1 x 5mm	2 x 5mm	35	32R41NF8
43	6 x 9mm	2 x 8mm	1 x 5mm	2 x 5mm	35	32R43NF8

Button bits R32 NG



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
45	6 x 9mm	3 x 8mm	1 x 5mm	3 x 5mm	35	32R45NG

Button bits R32 ND



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
48	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	32R48ND
51	6 x 10mm	3 x 9mm	1 x 6mm	3 x 5mm	35	32R51ND
64	6 x 11mm	3 x 10mm	1 x 7mm	3 x 8mm	35	32R64ND

Button bits R32 57NF



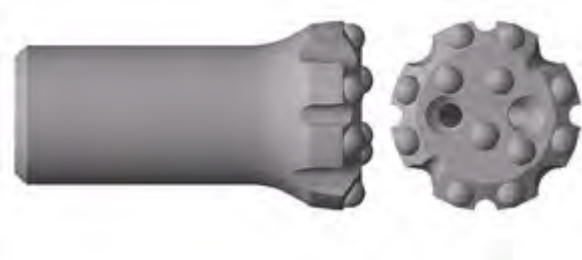
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
57	6 x 10mm	3 x 9mm	1 x 8mm	1 x 8mm	35	32R57NF

Button bits R32 RD



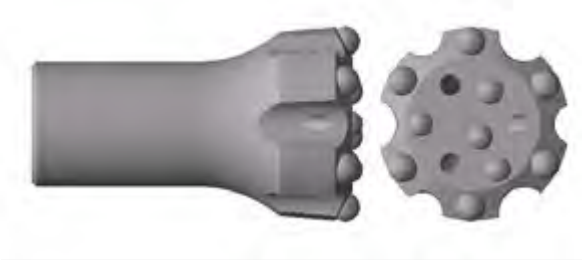
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
48	6 x 10mm	3 x 9mm	-	3 x 5mm	35	32R48RD
51	6 x 10mm	3 x 9mm	-	3 x 5mm	35	32R51RD
64	6 x 11mm	3 x 10mm	1 x 7mm	3 x 8mm	35	32R64RD

Button bits R32 64NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
64	8 x 10mm	4 x 10mm	1 x 7mm	2 x 9mm	35	32R64NF

Button bits R32 76NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
76	6 x 12mm	4 x 10mm	1 x 7mm	3 x 8mm	35	32R76NF

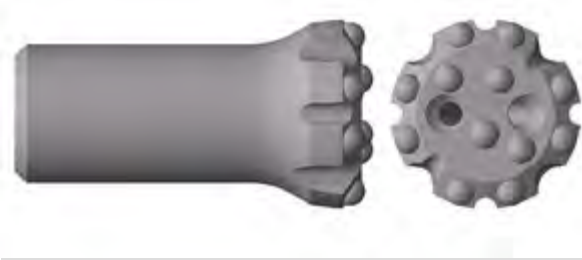
T38

Button bits T38 RG



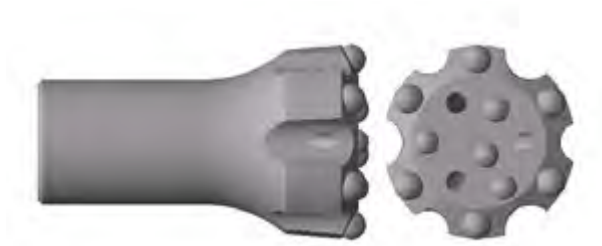
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
54	6 x 10mm	3 x 9mm	-	3 x 6mm	35	38T54RG

Button bits T38 64NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
64	8 x 10mm	4 x 10mm	1 x 7mm	2 x 9mm	35	38T64NF

Button bits T38 76NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
76	6 x 12mm	4 x 10mm	1 x 7mm	3 x 8mm	35	38T76NF

Button bits T38 64-76ND



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
64	8 x 10mm	4 x 10mm, 1 x 8mm	-	4 x 8mm	35	38T64ND
70	8 x 11mm	5 x 10mm	-	4 x 7mm	35	38T70ND
76	8 x 12mm	5 x 11mm	-	4 x 8mm	35	38T76ND

Button bits T38 64-70RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
64	8 x 10mm	4 x 10mm, 1 x 8mm	-	4 x 8mm	35	38T64RD
70	8 x 11mm	5 x 10mm	-	4 x 7mm	35	38T70RD

Button bits T38 76RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
76	8 x 12mm	5 x 11mm	-	4 x 8mm	35	38T76RD

Button bits T38 83RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
83	8 x 13mm	5 x 11mm	-	4 x 8mm	35	38T83RD

Button bits T38 89-102ND



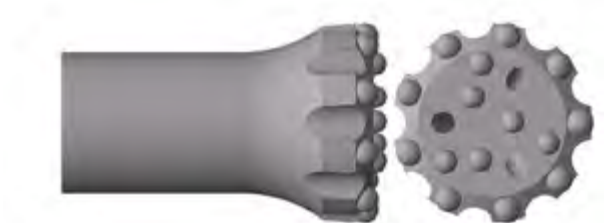
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 13mm	6 x 11mm	-	4 x 8mm	35	38T89ND
102	8 x 14mm	6 x 12mm	-	4 x 9mm	35	38T102ND

Button bits T38 89-102RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 13mm	6 x 11mm	-	4 x 8mm	35	38T89RD
102	8 x 14mm	6 x 12mm	-	4 x 9mm	35	38T102RD

Button bits T38 102NF



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
102	9 x 14mm	6 x 12mm	-	3 x 12mm	40	38T102NF

Button bits T38 NG



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
102	9 x 14mm	6 x 12mm	-	3 x 12mm	40	38T102NG

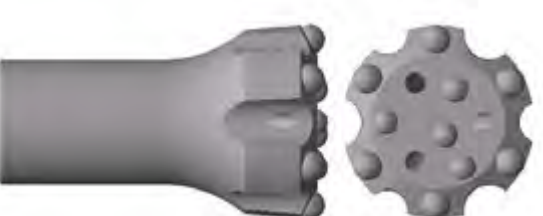
T45

Button bits T45 66-76ND



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
66	8 x 10mm	4 x 10mm, 1 x 8mm	-	4 x 8mm	35	45T66ND
70	8 x 11mm	5 x 10mm	-	4 x 7mm	35	45T70ND
76	8 x 12mm	5 x 11mm	-	4 x 8mm	35	45T76ND

Button bits T45 76NF



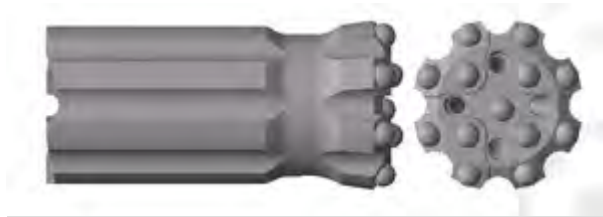
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
76	6 x 12mm	4 x 10mm	1 x 7mm	3 x 8mm	35	45T76NF

Button bits T45 66-70RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
66	8 x 10mm	4 x 10mm, 1 x 8mm	-	4 x 8mm	35	45T66RD
70	8 x 11mm	5 x 10mm	-	4 x 7mm	35	45T70RD

Button bits T45 76RD



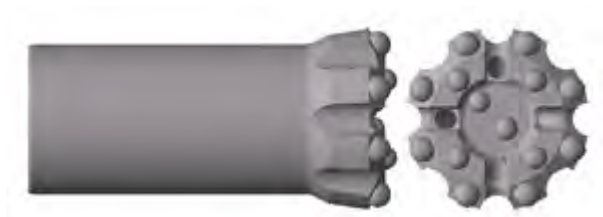
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
76	8 x 12mm	5 x 11mm	-	4 x 8mm	35	45T76RD

Button bits T45 83RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
83	8 x 13mm	5 x 11mm	-	4 x 8mm	35	45T83RD

Button bits T45 89-102ND



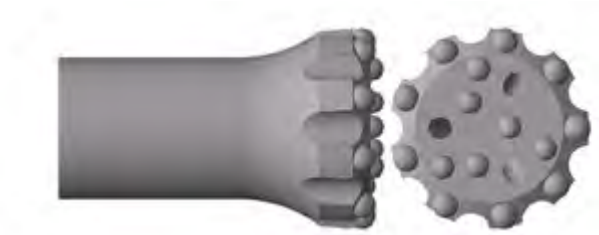
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 13mm	6 x 11mm	-	4 x 8mm	35	45T89ND
102	8 x 14mm	6 x 12mm	-	4 x 9mm	35	45T102ND

Button bits T45 89-102RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 13mm	6 x 11mm	-	4 x 8mm	35	45T89RD
102	8 x 14mm	6 x 12mm	-	4 x 9mm	35	45T102RD

Button bits T45 102NF



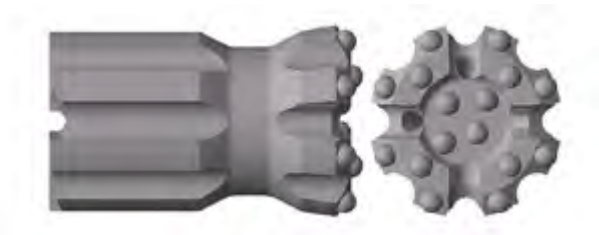
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
102	9 x 14mm	6 x 12mm	-	3 x 12mm	40	45T102NF

Button bits T45 102NG



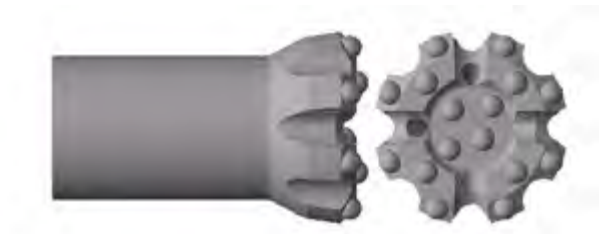
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
102	9 x 14mm	6 x 12mm	-	3 x 12mm	40	45T102NG

Button bits T45 115RD



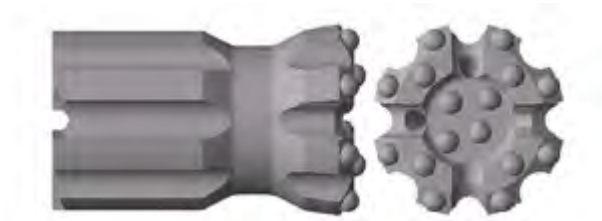
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
115	8 x 14mm	4 x 14mm	-	4 x 11mm	35	45T115RD

Button bits T45 115ND



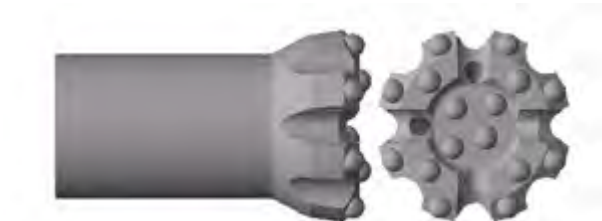
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
115	8 x 14mm	4 x 14mm	-	4 x 11mm	35	45T115ND

Button bits T45 127RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
127	10 x 14nn	9 x 14mm	-	5 x 11mm	35	45T127RD

Button bits T45 127ND



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
127	10 x 14nn	9 x 14mm	-	5 x 11mm	35	45T127ND

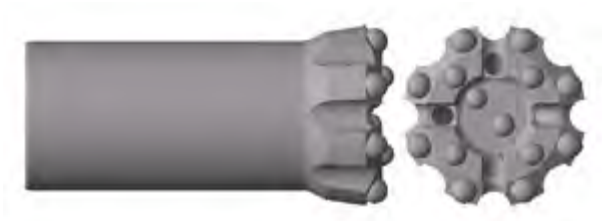
T51

Button bits T51 83RD



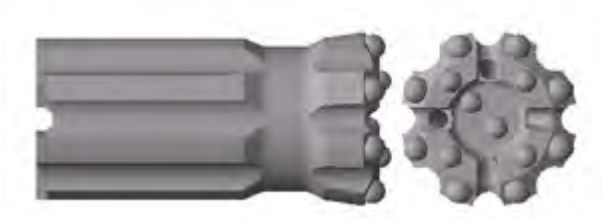
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
83	8 x 13mm	5 x 11mm	-	4 x 8mm	35	51T83RD

Button bits T51 89-102ND



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 13mm	6 x 11mm	-	4 x 8mm	35	51T89ND
102	8 x 14mm	6 x 12mm	-	4 x 9mm	35	51T102ND

Button bits T51 89-102RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
89	8 x 13mm	6 x 11mm	-	4 x 8mm	35	51T89RD
102	8 x 14mm	6 x 12mm	-	4 x 9mm	35	51T102RD

Button bits T51 102NF



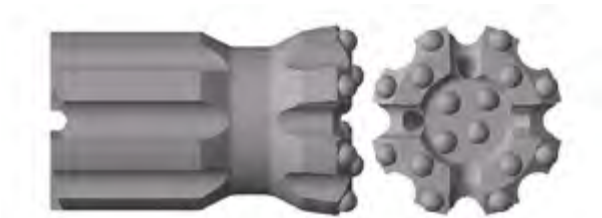
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
102	9 x 14mm	6 x 12mm	-	3 x 12mm	40	51T102NF

Button bits T51 102NG



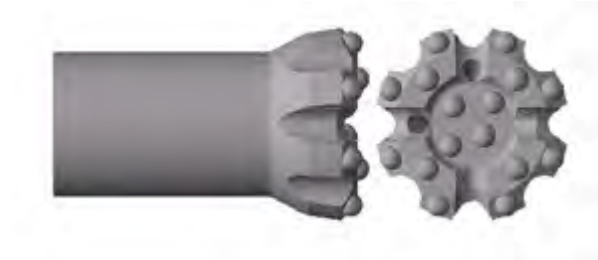
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
102	9 x 14mm	6 x 12mm	-	3 x 12mm	40	51T102NG

Button bits T51 115RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
115	8 x 14mm	4 x 14mm	-	4 x 11mm	35	51T115RD

Button bits T51 115ND



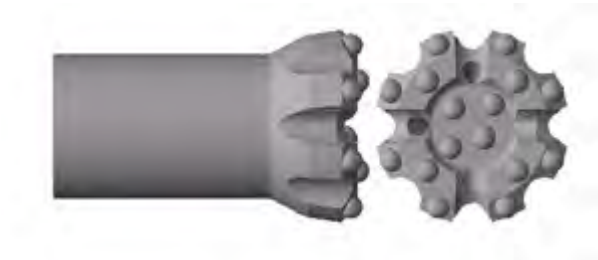
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
115	8 x 14nn	4 x 14mm	-	4 x 11mm	35	51T115ND

Button bits T51 127RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
127	10 x 14nn	9 x 14mm	-	5 x 11mm	35	51T127RD

Button bits T51 127ND



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
127	10 x 14nn	9 x 14mm	-	5 x 11mm	35	51T127ND

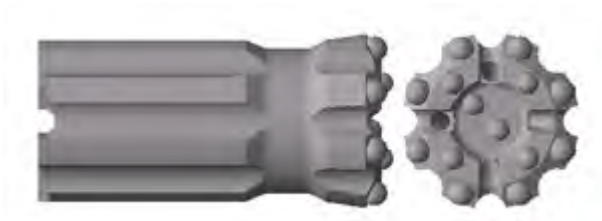
MT60

Button bits MT60 102ND



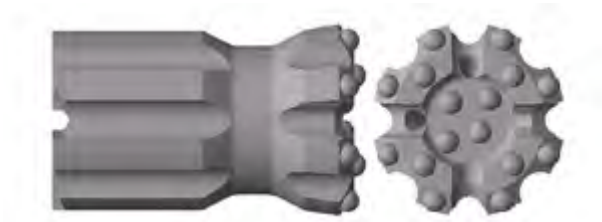
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
102	8 x 14mm	6 x 12mm	-	4 x 9mm	35	60MT102ND

Button bits MT60 102RD



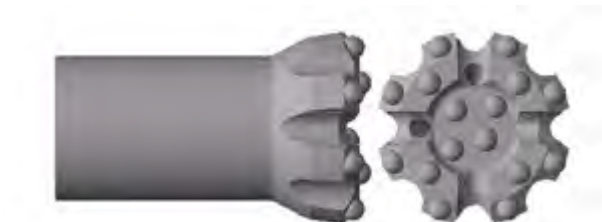
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
102	8 x 14mm	6 x 12mm	-	4 x 9mm	35	60MT102RD

Button bits MT60 115RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
115	8 x 14mm	4 x 14mm	-	4 x 11mm	35	60MT115RD

Button bits MT60 115ND



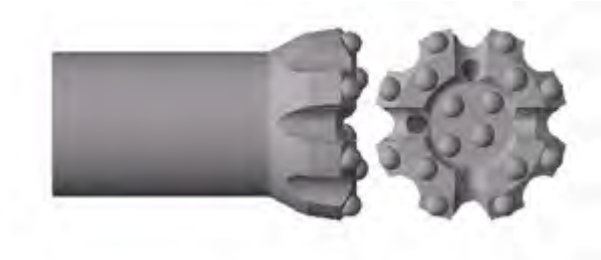
Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
115	8 x 14mm	4 x 14mm	-	4 x 11mm	35	60MT115ND

Button bits MT60 127RD



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
127	10 x 14mm	9 x 14mm	-	5 x 11mm	35	60MT127RD

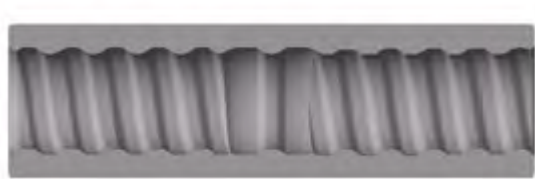
Button bits MT60 127ND



Dia mm	Gauge carbide	Front carbide	Side flushing	Face flushing	Gauge angle	Part number
127	10 x 14nn	9 x 14mm	-	5 x 11mm	35	60MT127ND

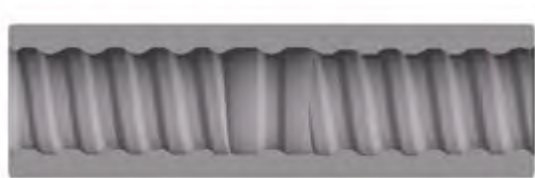
Couplings

Couplings R25



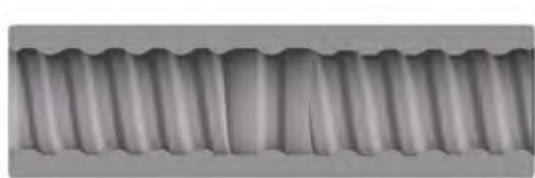
Diameter	Length	Description	Part number
35 mm	149 mm	R25 SB CPL	CPLR25-35

Couplings R32



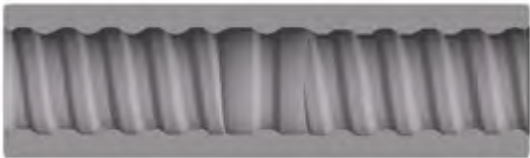
Diameter	Length	Description	Part number
45 mm	159 mm	R32 SB CPL	CPLR32-45

Couplings T38



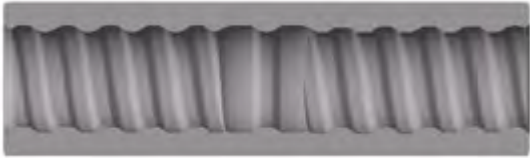
Diameter	Length	Description	Part number
55 mm	190 mm	T38 SB CPL	CPLT38-55

Couplings T45



Diameter	Length	Description	Part number
63 mm	207 mm	T45 SB CPL	CPLT45-63

Couplings T51



Diameter	Length	Description	Part number
72 mm	234 mm	T51 SB CPL	CPLT51-72

Shank adaptors

Atlas Copco

Thread	Description	Length mm
T38	A/C BBE57,MONT H100	537 mm
T45	A/C BBE57,MONT H100	537 mm
R32	A/COPCO COP125,130,131	405 mm
T38	A/COPCO COP125,130,131	381 mm
T38	A/COPCO COP131EB	381 mm
R28	A/COPCO 1028HB	400 mm
R32	A/COPCO 1028HB	400 mm
R38	A/C COP1038 HD,1038 HL	485 mm
T38	A/C COP1038 HD,COP1238	485 mm
T38	A/COPCO COP1038HL,1238	500 mm
T45	A/COPCO COP1038HL,1238	500 mm
R32	A/COPCO COP1038HL,1238	575 mm
T38	A/COPCO COP1038HL,1238	575 mm
T45	A/COPCO COP1038HL,1238	575 mm
T45	A/COPCO COP1038HL,1238	590 mm
R32	A/COPCO COP1038(COLLAR)	575 mm
T38	A/COPCO COP1038(COLLAR)	575 mm
R32	A/C COP1036HB,1038HB,1238 (COLLAR)	575 mm
R38	A/C COP1036HB,1038HB,1238 (COLLAR)	575 mm
T38	A/C COP1036HB,1038HB,1238 (COLLAR)	575 mm
T45	A/C COP1036HB,1038HB,1238 (COLLAR)	575 mm
R28	A/C COP1132	410 mm
R32	A/C COP1132	410 mm
T35	A/C COP1132	410 mm
R32	A/C COP1132	500 mm
T35	A/C COP1132	500 mm
R32F	A/C COP1132 (Female)	280 mm
R32F	A/C COP1432, COP1532 FEMALE	341 mm
R38F	A/C COP1432. COP1532 FEMALE	341 mm

Thread	Description	Length mm
R32	ATLAS COPCO COP1435	500 mm
T35	ATLAS COPCO COP1435	500 mm
R32	A/COPCO COP1440, COP1550, COP1638, COP1838, COP2238	435 mm
T35	A/COPCO COP1440, COP1550, COP1638, COP1838, COP2238	435 mm
R38	A/COPCO COP1440, COP1550, COP1638, COP1838, COP2238	435 mm
T38	A/COPCO COP1440, COP1550, COP1638, COP1838, COP2238	435 mm
R32	A/COPCO COP1440, COP1550, COP1638, COP1838, COP2238	525 mm
T35	A/COPCO COP1440, COP1550, COP1638, COP1838, COP2238	525 mm
R38	A/COPCO COP1440, COP1550, COP1638, COP1838, COP2238	525 mm
T38	A/COPCO COP1440, COP1550, COP1638, COP1838, COP2238	525 mm
R32	A/COPCO COP1440,COP1550,1838HD (D=52mm)	525 mm
T35	A/COPCO COP1440,COP1550,1838HD (D=52mm)	525 mm
T38	A/COPCO COP1440,COP1550,1838HD (D=52mm)	525 mm
T45	A/COPCO COP1440,COP1550,1838HD (D=52mm)	525 mm
T51	A/COPCO COP1440,COP1550,1838HD (D=52mm)	525 mm
T38	A/COPCO COP1838MUX	730 mm
T45	A/COPCO COP1838MUX	730 mm
T38	A/COPCO COP 1838EX	730 mm
T45	A/COPCO COP 1838EX	730 mm
T51	A/COPCO COP 1838EX	730 mm
T45	A/COPCO COP 1850,1840HE,2150HE	565 mm
T51	A/COPCO COP 1850,1840HE,2150HE	565 mm
T51	A/COPCO COP 1850,1840HE,2150HE	770 mm
T51	A/COPCO COP 2150/2550 (STRAIGHT SPLINE)	770 mm
T38	COP 1240/1640/1840/1850/2150/2550HEX	770 mm
T45	COP 1240/1640/1840/1850/2150/2550HEX	770 mm
T51	COP 1240/1640/1840/1850/2150/2550HEX	770 mm
T51	A/COPCO COP 2160/2560 EXTRACTOR	770 mm
MT60	A/COPCO COP 2160/2560 EXTRACTOR	770 mm
T38	A/COPCO COP 3038	435 mm
T45	A/COPCO COP 3038	435 mm
T38	A/COPCO COP 3038HE (Helical)	435 mm

Boart Longyear

Thread	Description	Length mm
R32F	BOART HD65 (female)	324 mm
R32	BOART HD65	445 mm
R32	BOART HD125,HD150	495 mm
R38	BOART HD125,HD150	495 mm
T38	BOART HD125,HD150	495 mm

Cannon

Thread	Description	Length mm
T38F	CANNON CH38 (JOYJH-2)(55mm Body,female)	390 mm
T45	CANNON CH38 (JOYJH-2)(55mm Body,)	525 mm
T38	CANNON CH38 (JOYJH-2) (38mm Body)	444 mm

Joy

Thread	Description	Length mm
T38	JOY VCR260 /360	432 mm

Doofor

Thread	Description	Length mm
R25	DOOFOR DF425/430S	400 mm
R28	DOOFOR DF425/430S	400 mm
R32	DOOFOR DF528	424 mm
R32	DOOFOR DF528HD	470 mm
R38	DOOFOR DF528HD	470 mm
P38	DOOFOR DF528HD	470 mm
R32	DOOFOR DF545	515 mm
R38	DOOFOR DF545	515 mm
T38	DOOFOR DF545	515 mm
R32	DOOFOR DF545HD	515 mm
R38	DOOFOR DF545HD	515 mm
T38	DOOFOR DF545HD	515 mm
T45	DOOFOR DF545HD	515 mm
R32	DOOFOR DF545EXT	582 mm
R38	DOOFOR DF545EXT	582 mm
T38	DOOFOR DF545EXT	582 mm

Furukawa

Thread	Description	Length mm
R38	FURUKAWA PD200(H/D CHUCK)	381 mm
T38	FURUKAWA PD200(H/D CHUCK)	381 mm
T45	FURUKAWA PD200(H/D CHUCK)	381 mm
T38	FURUKAWA HD90	512 mm
R38	FURUKAWA HD150	520 mm
T38	FURUKAWA HD150	520 mm
T38	FURUKAWA HD180	455 mm
R38	FURUKAWA HD190	480 mm
T38	FURUKAWA HD190	480 mm
T38	FURUKAWA HD210	430 mm
T38	FURUKAWA HD260,HD300	655 mm
T45	FURUKAWA HD260,HD300	655 mm
T38	FURUKAWA HD500 (6 SPLINE)	625 mm
T45	FURUKAWA HD500 (6 SPLINE)	625 mm
T38	FURUKAWA HD609	615 mm
T45	FURUKAWA HD609	615 mm
T38	FURUKAWA HD609	690 mm
T45	FURUKAWA HD609	690 mm
T38	FURUKAWA HD609QED	860 mm
T45	FURUKAWA HD609QED	860 mm
T45	FURUKAWA HD612	710 mm
T51	FURUKAWA HD612	710 mm
T45	FURUKAWA HD612QED	900 mm
T51	FURUKAWA HD612QED	900 mm
T51	FURUKAWA HD615	880 mm
T51	FURUKAWA HD615QED	880 mm
T45	FURUKAWA HD709	620 mm
T45	FURUKAWA HD709QED	800 mm
T45	FURUKAWA HD712	590 mm
T51	FURUKAWA HD712	590 mm
T45	FURUKAWA HD712	790 mm
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I. Rand

Thread	Description	Length mm
R32	I/RAND YD90M	330 mm
T38	I/RAND YH65.70,75,80	496 mm
T45	I/RAND YH65.70,75,80	496 mm
T38	I/RAND YH65.70,75,80	700 mm
T45	I/RAND YH65.70,75,80	700 mm
T38	I/RAND YH65RP,80RP	700 mm
T45	I/RAND YH65RP,80RP	700 mm
T45	I/RAND YH80A	500 mm
T45	I/RAND YH 95,100	622 mm
T51	I/RAND YH 95,100	622 mm
T45	I/RAND YH110VRP	900 mm
T51	I/RAND YH110VRP	900 mm

Montabert

Thread	Description	Length mm
R32F	MONTABERT HC20 (D=45mm) FEMALE	187 mm
R32	MONTABERT HC20 (D=45mm)	287 mm
R32	MONTABERT HC25 (D=45mm)	287 mm
T35	MONTABERT HC25 (D=45mm)	287 mm
R38	MONTABERT HC25 (D=45mm)	287 mm
T38	MONTABERT HC25 (D=45mm)	287 mm
R32	MONTABERT HC25 (D=45mm) FEMALE	202 mm
R32	MONTABERT HC40/HC50 (D=38mm)	438 mm
T35	MONTABERT HC40/HC50 (D=38mm)	438 mm
R38	MONTABERT HC40/HC50 (D=38mm)	438 mm
T38	MONTABERT HC40/HC50 (D=38mm)	438 mm
R32	MONTABERT HC40 FEMALE (D=45mm)	270 mm
R38	MONTABERT HC80, HC90, HC105 (D=38mm)	440 mm
T38	MONTABERT HC80, HC90, HC105 (D=38mm)	440 mm
R38	MONTABERT HC80, HC90, HC105 (D=38mm)	508 mm
T38	MONTABERT HC80, HC90, HC105 (D=38mm)	508 mm
R38	MONTABERT HC80, HC109, HC110, HC120 , (D=45mm)	490 mm

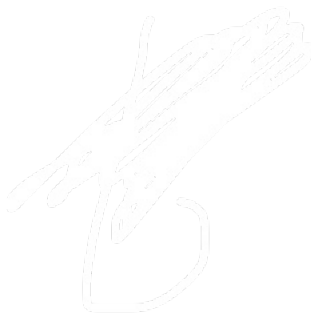
Thread	Description	Length mm
T45	MONTABERT HC80, HC109, HC110, HC120 , (D=45mm)	530 mm
T35	MONTABERT HC80R, HC105R, HC107R, HC108R	670 mm
T38	HC109R, HC110R, HC120R (D=45mm)	670 mm
T45	HC109R, HC110R, HC120R (D=45mm)	670 mm
T45	HC109R, HC110R, HC120R (D=45mm)	770 mm
T45	MONTABERT HC120R, HC150R, HC155R, HC158R (D=51mm)	670 mm
T51	MONTABERT HC120R, HC150R, HC155R, HC158R (D=51mm)	670 mm
T45	MONTABERT HC120R, HC150R, HC155R, HC158R (D=51mm)	770 mm
T51	MONTABERT HC120R, HC150R, HC155R, HC158R (D=51mm)	770 mm
T45	MONTABERT HC160,170	807 mm
T51	MONTABERT HC160,170	807 mm
MT60	MONTABERT HC160,170	807 mm
T51	MONTABERT HC200A	840 mm
T60	MONTABERT HC200A	840 mm
MT60	MONTABERT HC200A	840 mm

Sandvik Tamrock

Thread	Description	Length mm
R32	TAMROCK HL300S FEMALE	245 mm
R32	TAMROCK HL300	400 mm
R32	TAMROCK L400,L410,L500,L510	381 mm
R38	TAMROCK HLR438,L550	381 mm
T38	TAMROCK HLR438,L550	381 mm
R38	TAMROCK HL438TS,HL538	450 mm
T38	TAMROCK HL438TS,HL538	450 mm
R32	TAMROCK HL438TS,HL538	495 mm
R38	TAMROCK HL438TS,HL538	495 mm
T38	TAMROCK HL438TS,HL538	495 mm
R32	TAMROCK HL500 S, HL510 S (D=38mm)	450 mm
R38	TAMROCK HL500 S, HL510 S (D=38mm)	450 mm
T38	TAMROCK HL500 S, HL510 S (D=38mm)	450 mm
T38	TAMROCK HL500 S, HL510 S (D=38mm)	550 mm
R32	TAMROCK HL500, HL510 (D=45mm)	550 mm

Thread	Description	Length mm
T35	TAMROCK HL550 SUPER,560 SUPER	500 mm
R38	TAMROCK HL550 SUPER,560 SUPER	500 mm
T38	TAMROCK HL550 SUPER,560 SUPER	500 mm
T45	TAMROCK HL550 SUPER,560 SUPER	500 mm
R25	TAMROCK HLX1	255 mm
R28	TAMROCK HLX1	255 mm
R32	TAMROCK RD314 (FEMALE)	205 mm
T38	TAMROCK RD520/RD525	525 mm
T35	TAMROCK RD520/RD525	600 mm
T38	TAMROCK RD520/RD525	600 mm
T35	TAMROCK RD520/RD525	745 mm
T38	TAMROCK RD520/RD525	745 mm
R32	TAMROCK HLX5/HFX5T	500 mm
T35	TAMROCK HLX5/HFX5T	500 mm
R38	TAMROCK HLX5/HFX5T	500 mm
T38	TAMROCK HLX5/HFX5T	500 mm
T45	TAMROCK HLX5/HFX5T	500 mm
R32	TAMROCK HLX5/HFX5T	575 mm
T35	TAMROCK HLX5/HFX5T	575 mm
T38	TAMROCK HLX5/HFX5T	575 mm
T45	TAMROCK HLX5/HFX5T	575 mm
T38	TAMROCK HL600 (D=45mm)	525 mm
T45	TAMROCK HL600 (D=45mm)	525 mm
T38	TAMROCK HL600 (D=45mm)	600 mm
T45	TAMROCK HL600 (D=45mm)	600 mm
T45	TAMROCK HL600 (D=52mm)	650 mm
T51	TAMROCK HL600 (D=52mm)	650 mm
T38	TAMROCK HL700/HL710/HL800T/HF810T/HL650 (D=45mm)	600 mm
T45	TAMROCK HL700/HL710/HL800T/HF810T/HL650 (D=45mm)	600 mm
T51	TAMROCK HL700/HL710/HL800T/HF810T/HL650 (D=45mm)	600 mm
T38	TAMROCK HL700,HL710,HL800,HF810,HL650,HL810 (D=52mm)	600 mm
T45	TAMROCK HL700,HL710,HL800,HF810,HL650,HL810 (D=52mm)	600 mm

Thread	Description	Length mm
T51	TAMROCK HL1000, HL1010, HL1010S (D=52mm)	670 mm
T51	TAMROCK HL1000, HL1010 (D=60mm)	670 mm
T60	TAMROCK HL1000, HL1010 (D=60mm)	670 mm
MT60	TAMROCK HL1000, HL1010 (D=60mm)	670 mm
T58	TAMROCK HL1000 (80mm), HL1010, (SHOULDER DRIVE)	635 mm
T68	TAMROCK HL1000 (80mm), HL1010, (SHOULDER DRIVE)	635 mm
T51	TAMROCK HL1000 EXTRACTOR (D=52mm)	840 mm
T51	TAMROCK HL1500 (D=60mm)	760 mm
T60	TAMROCK HL1500 (D=60mm)	760 mm
MT60	TAMROCK HL1500 (D=60mm)	760 mm
T58	TAMROCK HL1500 (D=80mm) (SHOULDER DRIVE)	635 mm
T68	TAMROCK HL1500 (D=80mm) (SHOULDER DRIVE)	635 mm
T51	TAMROCK HL1500PE,1000PE,1560T(D=65mm)	760 mm
T60	TAMROCK HL1500PE,1000PE,1560T(D=65mm)	760 mm
MT60	TAMROCK HL1500PE,1000PE,1560T(D=65mm)	760 mm



Technical information button bits

At Monark we produce a wide range of button bits; here are a few pointers to help you choose the right product.

The button bits have either parabolic (P) or hemispherical (H) inserts.



P



H

Button bits have dropcenter (D) or they are flat faced (F), some have flushing holes (front and/or gauge) and some have retrack function.

Our part numbers explained:

Tapered button bits:

11D38-7 P

Threaded button bits:

32R48RD H

11D = 11 Degrees

32R = R32 threads

38 /48= mm diameter

7 = 7 inserts

P/H = Parabolic or hemispherical inserts

R = Retrac

D = Dropcenter

N = Normal body

F = Flat faced



Retrac



Normal



D



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