Top hammer drilling tools
Product catalogue

Products from Sandvik Mining and Construction Tools

SANDVIK

Top hammer products

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This product catalogue is a presentation of the global stock standard range of top-hammer rock tools manufactured by

Sandvik Mining and Construction Tools AB

Concerning bit diameters

Note that all bits are bigger on diameter than the given measurements in the catalogue.

Cross bits: Can be max 1 mm larger due to manufacturing tolerances.

Button bits: Are max 3,0 mm larger for some designs in order to make up for fast initial wear on the diameter. The minimum diameter is 1,5 mm above given measurement.

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

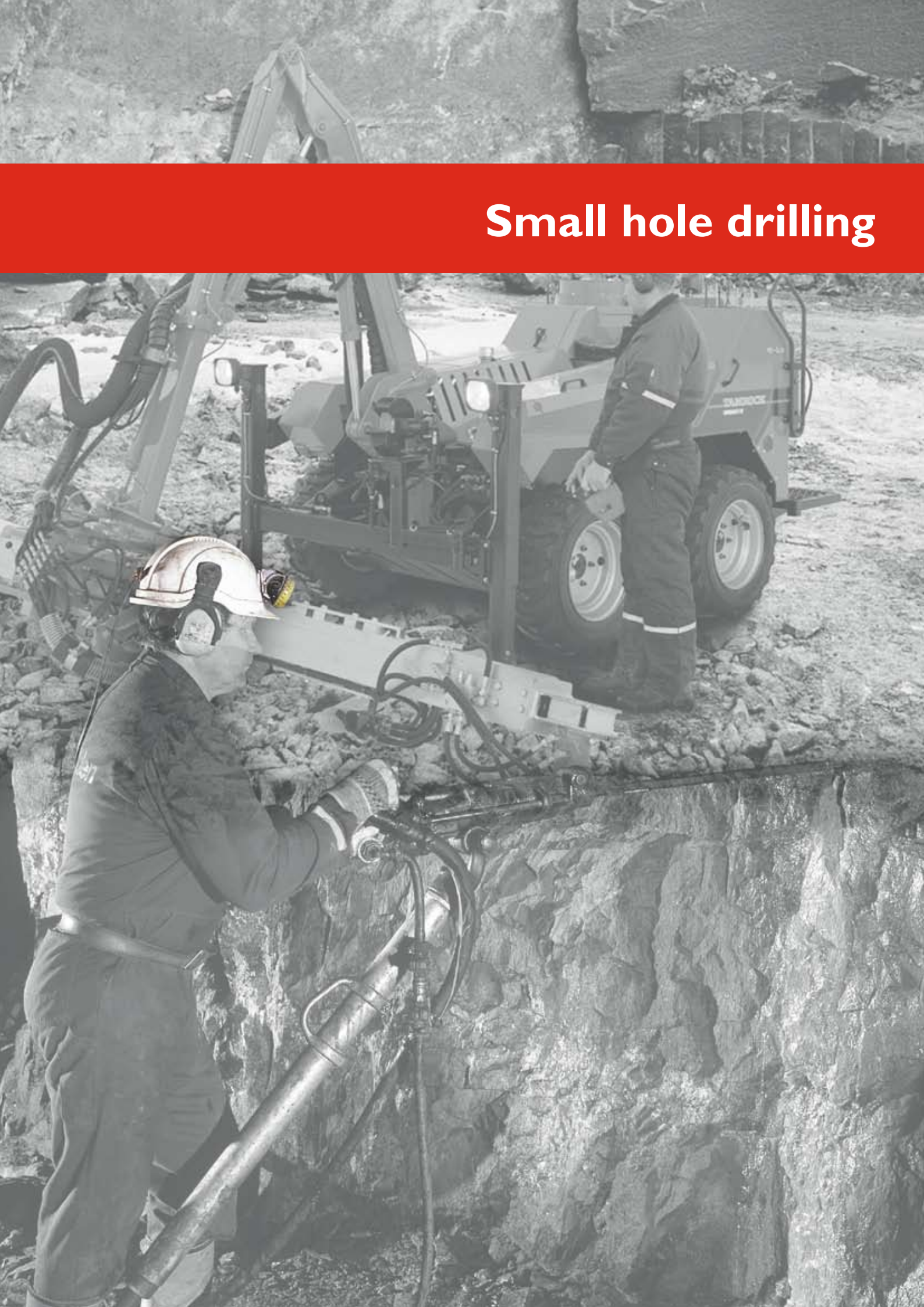
Bit classification code

H: Very hard to hard rock ..... > 2500 bar (250 MPa)
M: Medium hard rock..... 1500-2500 bar (150-250 MPa)
S: Soft rock ..... < 1500 bar (150 MPa)

C: Homogeneous (competent) rock
F: Fissured rock

V: Very abrasive rock ..... > 40% silica
A: Abrasive rock ..... 20-40% silica
N: Non-abrasive rock ..... 0-20% silica

Small hole drilling



Small hole drilling

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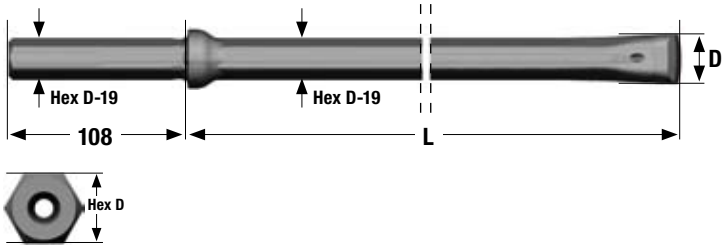
Small hole drilling

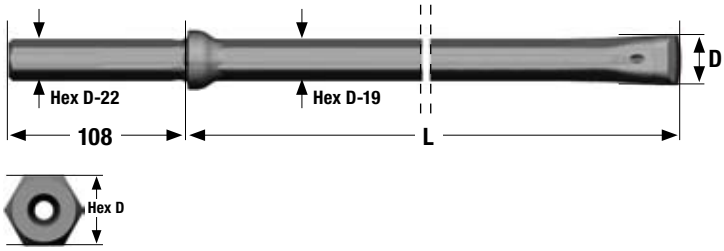
H19 (3/4”) Integral drill steels

Shank 19 x 108 mm (3/4” x 4 1/4”)



Dimensions D						Part No.
Series	L mm	ft	in	D mm	in	
21	400	1'	4"	29	19/64"	**724-0429**
-	800	2'	7"	28	1 7/64"	**724-0828**
-	1600	5'	3"	27	1 1/16"	**724-1627**
-	2400	7'	10"	26	1 1/32"	**724-2426**
24	600	2'	–	27	1 1/16"	**724-0627**
-	1200	3'	11"	26	1 1/32"	**724-1226**
Boulder-steel	400	1'	4"	24	15/16"	**724-0424**
	800	2'	7"	23	29/32"	**724-0823**

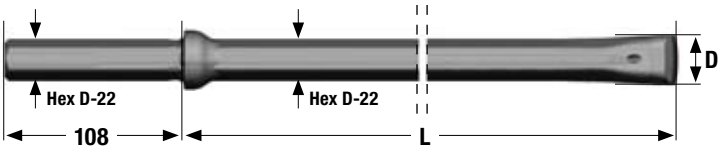
Shank 22 x 108 mm (7/8” x 4 1/4”)

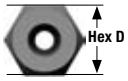


	400	1'	4"	24	15/16"	**728-0424**
	400	1'	4"	29	1 9/64"	**728-0429**
	800	2'	7"	28	1 7/64"	**728-0828**
	1600	5'	3"	27	1 1/16"	**728-1627**

Small hole drilling

H22 (7/8”) Integral drill steels

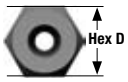




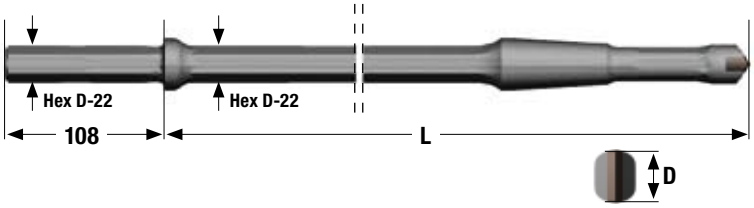
	Dimensions D						Part No.
	Series	L mm	ft	in	D mm	in	
Shank 22x108 mm (7/8” x 4 1/4”)							
	11	800	2'	7"	34	1 11/32"	**714-0834-65**
		1600	5'	3"	33	1 19/64"	**714-1633-65**
		2400	7'	10"	32	1 1/4"	**714-2432-65**
		3200	10'	6"	31	1 7/32"	**714-3231**
		4000	13'	1"	30	1 3/16"	**714-4030**
		4800	15'	9"	29	1 9/64"	**714-4829**
		5600	18'	4"	28	1 7/64"	**714-5628-50**
		6400	21'	–	27	1 1/16"	**714-6427-50**
		7200	23'	8"	26	1 1/32"	**714-7226-50**
	12	800	2'	7"	40	1 37/64"	**714-0840-65**
		1600	5'	3"	39	1 17/32"	**714-1639-65**
		2400	7'	10"	38	1 1/2"	**714-2438-65**
		3200	10'	6"	37	1 29/64"	**714-3237-65**
		4000	13'	1"	36	1 27/64"	**714-4036-65**
		4800	15'	9"	35	1 3/8"	**714-4835-65**
		5600	18'	4"	34	1 11/32"	**714-5634-65**
		6400	21'	–	33	1 19/64"	**714-6433-65**
		7200	23'	8"	32	1 1/4"	**714-7232-65**
	13	400	1'	4"	34	1 11/32"	**714-0434-65**
		800	2'	7"	33	1 19/64"	**714-0833-65**
		1200	3'	11"	32	1 1/4"	**714-1232-65**
		1600	5'	3"	31	1 7/32"	**714-1631**
		2000	6'	7"	30	1 3/16"	**714-2030**
	16	600	2'	–	35	1 3/8"	**714-0635-65**
		1200	3'	11"	34	1 11/32"	**714-1234-65**
		1800	5'	11"	33	1 19/64"	**714-1833-65**
		2400	7'	10"	32	1 1/4"	**714-2432-65**
	17	600	2'	–	41	1 5/8"	**714-0641-65**
		1200	3'	11"	40	1 37/64"	**714-1240-65**
		1800	5'	11"	39	1 17/32"	**714-1839-65**
		2400	7'	10"	38	1 1/2"	**714-2438-65**
		2000	6'	7"	33	1 19/64"	**714-2033-65**
		8000	26'	3"	26	1 1/32"	**714-8026-50**
		8800	28'	11"	25	1"	**714-8825-5005**
		9600	31'	6"	25	1"	**714-9625-5005**
		800	2'	7"	29	1 9/64"	**714-0829**
		1600	5'	3"	28	1 7/64"	**714-1628-50**
		2400	7'	10"	27	1 1/16"	**714-2427-50**

Small hole drilling

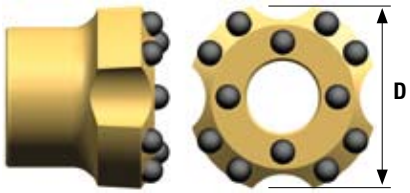
H22 Reaming tools



Pilot rod, Hex 22, 6° taper	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
	800	2'	7 1/2"	26	1 1/32"	**7922-6108-11**
	1200	3'	11 3/4"	26	1 1/32"	**7922-6112-11**
	2000	6'	6 3/4"	26	1 1/32"	**7922-6120-11**
	2500	8'	2 1/2"	26	1 1/32"	**7922-6124-11**



Reaming tools for cut holes / Reaming bit, 6° taper	Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size		mm	in	
	4x8	8x9	25°	64	2 1/2"	**7722-4864-S45**
	4x10	8x10	30°	76	3"	**7722-4876-S45**
	6x10	8x10	30°	89	3 1/2"	**7722-4889-S45**



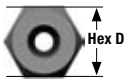
Small hole drilling

H22 Tapered tools, 12° taper

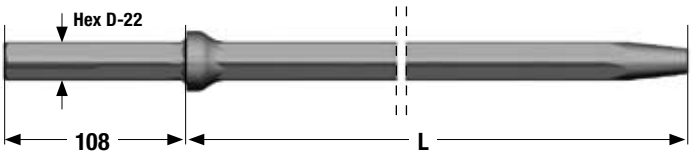
Bits

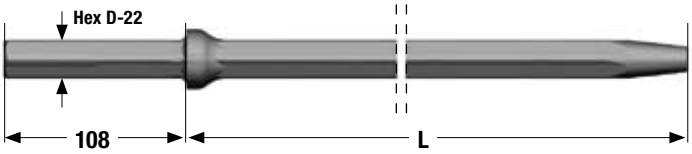
Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Part No.
Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in	
Button bit							
1x5	1x5	1x7	4x7	35°	28	1 1/8"	**7795-6428-B48**
1x5	1x5	1x7	4x7	35°	30	1 3/16"	**7795-6430-B48**
Button bit							
2x4	1x4	2x7	5x7	40°	32	1 1/4"	**7795-5232-B48**
2x4	1x3,5	2x7	5x8	40°	35	1 3/8"	**7795-5235-B48**
2x4	1x4	2x7	5x9	40°	38	1 1/2"	**7795-5238-B48**
Button bit							
2x4	1x3.5	2x7	5x7	40°	33	1 9/64"	**7770-5233-B48**
2x4	1x3.5	2x7	5x8	40°	35	1 3/8"	**7770-5235-B48**
Cross bit							
1x4	2x4	–	–	–	30	1 3/16"	**7770-9030-42**
1x6	2x4.5	–	–	–	32	1 1/4"	**7770-9032-42**
1x6	2x4.5	–	–	–	35	1 3/8"	**7770-9035-42**

Rods



Dimensions D					Part No.
L mm	ft	in	Hex D mm	in	
Tapered rod, shank 22x108, carburized					
610	2'	–	22	7/8"	**7870-6106-11**
1220	4'	–	22	7/8"	**7870-6112-11**
1830	6'	–	22	7/8"	**7870-6118-11**
2000	6'	7"	22	7/8"	**7870-6120-11**
2440	8'	–	22	7/8"	**7870-6124-11**
3050	10'	–	22	7/8"	**7870-6131-11**
3200	10'	6"	22	7/8"	**7870-6132-11**
3660	12'	–	22	7/8"	**7870-6137-11**
Tapered rod, shank 22x108, HF-hardened - For surface drilling					
2440	8'	–	22	7/8"	**7870-5124-11**
3200	10'	6"	22	7/8"	**7870-5132-11**
4000	13'	1 1/2"	22	7/8"	**7870-1140-11**
4400	14'	5"	22	7/8"	**7870-1144-11**
4800	15'	9"	22	7/8"	**7870-1148-11**
5600	18'	4 1/2"	22	7/8"	**7870-1156-11**
6400	21'	–	22	7/8"	**7870-1164-11**
7200	23'	7 1/2"	22	7/8"	**7870-1172-11**
8000	26'	3"	22	7/8"	**7870-1180-11**
8800	28'	10 1/2"	22	7/8"	**7870-1188-11**





Small hole drilling

H22 Tapered tools, 11° taper

Bits

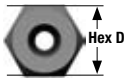
Button bit

Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Part No.
Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in	
1x6	2x4	2x7	3x8	35°	32	1 1/4"	**7776-1932-B48**
1x6	1x6	1x8	3x9	40°	36	1 7/16"	**7776-1936-B48**
1x6	1x6	2x8	3x9	40°	38	1 1/2"	**7776-1938-B48**
1x6	1x6	2x8	3x9	40°	40	1 37/64"	**7776-1940-B48**

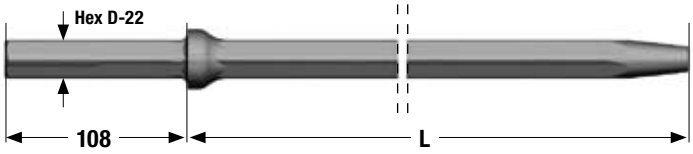
Button bit

1x4	1x6	2x7	5x7	40°	32	1 1/4"	**7776-4432-B48**
1x5	1x5	2x7	5x7	35°	35	1 3/8"	**7776-4435-B48**
1x6	1x5	2x7	5x8	35°	38	1 1/2"	**7776-4438-B48**
1x6	1x5	2x8	5x9	35°	40	1 37/64"	**7776-4440-B48**

Rods



Tapered rod, shank 22x108, carburized



Dimensions D					Part No.
L mm	ft	in	Hex D mm	in	
610	2'	–	22	7/8"	**7876-6106-11**
800	2'	7 1/2"	22	7/8"	**7876-6108-11**
1220	4'	–	22	7/8"	**7876-6112-11**
1830	6'	–	22	7/8"	**7876-6118-11**
2000	6'	7"	22	7/8"	**7876-6120-11**
2440	8'	–	22	7/8"	**7876-6124-11**
3050	10'	–	22	7/8"	**7876-6131-11**
3600	11'	9 1/2"	22	7/8"	**7876-6136-11**

Small hole drilling

H22 Tapered tools, 7° taper

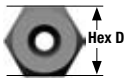
H22 -7°

Bits

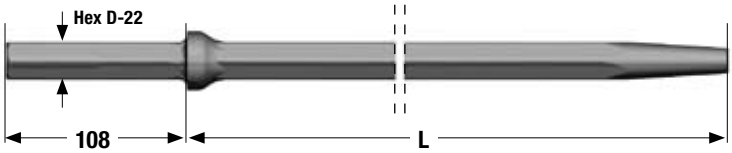
Button bit

Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Part No.
Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in	
2x4	1x4	2x7	5x7	40°	32	1 1/4"	**7788-5232-B48**
2x4	1x4	2x7	5x7	40°	33	1 9/64"	**7788-5233-B48**
2x4	1x3.5	2x7	5x8	40°	35	1 3/8"	**7788-5235-B48**
2x4	1x5	2x7	5x8	35°	38	1 1/2"	**7788-5238-B48**

Rods



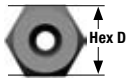
Tapered rod, shank 22x108, carburized



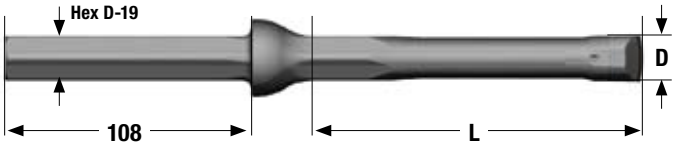
Dimensions D					Part No.
L mm	ft	in	Hex D mm	in	
2400	8'	–	22	7/8"	**7888-6124-11**
3200	10'	6"	22	7/8"	**7888-6132-11**

Small hole drilling

Stone working tools



Plug hole integral steel



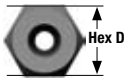
Dimensions D					Part No.
L mm	ft	in	D mm	in	
150		6"	17	21/32"	**721-1517**
160		6 1/4"	20	25/32"	**721-1620**
200		7 7/8"	20	25/32"	**721-2020**
240		9 29/64"	20	25/32"	**721-2420**
280		11 1/32"	20	25/32"	**721-2820**
310		11 1/4"	20	25/32"	**721-3120**
160		6 1/4"	22	7/8"	**721-1622**
190		7 1/2"	22	7/8"	**721-1922**

Small hole drilling

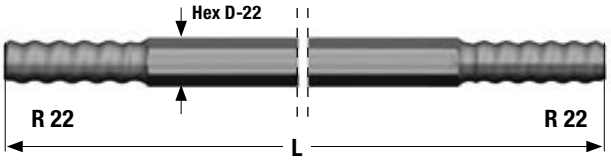
R22 (7/8”) Extension drilling tools

Cross bit

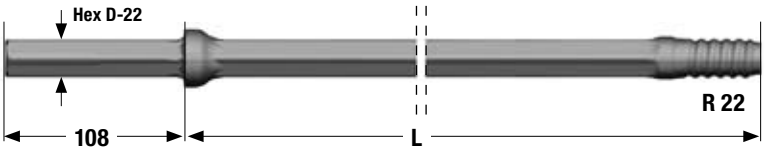
Cross bit	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in	
Cross bit								
	1	4.5	2	4.5	–	38	1 1/2"	**7731-1038-42**



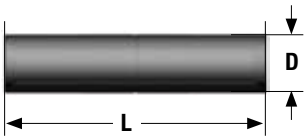
	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
Extension rod R22 - Hex 22 - R22						
	800	2'	7"	22	7/8"	**7851-1308-20**
	1200	3'	11"	22	7/8"	**7851-1312-20**
	1600	5'	3"	22	7/8"	**7851-1316-20**



Shank adapter/Shank rod, Hex 22 - R22						
	255	–	10 3/64"	22	7/8"	**7801-6103-13**
	1000	3'	3"	22	7/8"	**7801-6110-13**



Coupling sleeve, R22						
	140	–	5 1/2"	31	1 7/32"	**7991-2031**



Small hole drilling

R23 (29/32”) Extension drilling tools

Bits

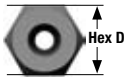
Button bit

Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
1x4	1x6	2x7	5x7	35°	33	1 5/16"	HMCA	**7737-4433-R48**
1x5	1x6	2x7	5x8	40°	35	1 3/8"	HMCA	**7737-5235-R48**
1x6	1x6	2x7	5x8	35°	38	1 1/2"	HMCA	**7737-4438A-R48**
1x5	1x6	2x8	5x9	35°	41	1 5/8"	HMCA	**7737-5241-R48**

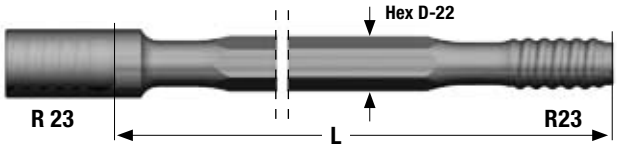
Button bit

3x5	–	3x8	6x9	30°	45	1 3/4"	HMCA	**7737-5345-R48**

Rods



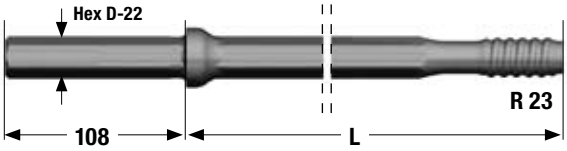
MF-rod, R23 - Hex 22 - R23



Female end Ø 31 mm

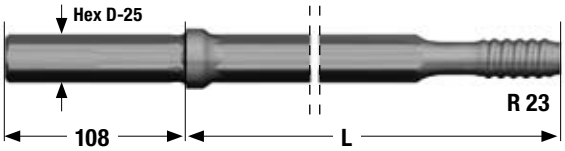
Dimensions D					Part No.
L mm	ft	in	Hex D mm	in	
2095	6'	10 1/2"	22	7/8"	**7857-4821-20**
3050	10'	–	22	7/8"	**7857-4831-20**

Shank adapter / Shank rod, Hex 22 - R23



255	–	10 3/64"	22	7/8"	**7807-6103-11**
2400	8'	–	22	7/8"	**7807-6124-11**
3200	10'	–	22	7/8"	**7807-6132-11**
3600	11'	9 5/8”	22	7/8"	**7807-6136-11**

Shank rod, Hex 25 - R23



255	–	10 3/64"	25	1"	**7807-7103-11**
3600	11'	9 "	25	1"	**7807-7136-11**

Small hole drilling

R25 (1”) Extension drilling tools

Bits

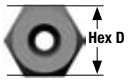
Button bit

Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
1x5	1x6	2x7	5x8	35°	35	1 3/8"	HMCA	**7732-4435-S48** !
1x5	1x6	2x7	5x9	30°	38	1 1/2"	HMCA	**7732-5238-S48** !
1x5	1x6	2x7	5x9	35°	38	1 1/2"	HMCA	**7732-5238-R48**
1x5	1x6	2x8	5x9	35°	41	1 5/8"	HMCA	**7732-5241-S48**

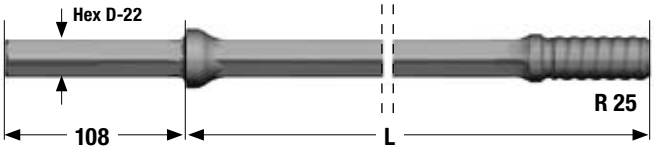
Button bit

3x4.5	–	3x8	6x9	40°	45	1 3/4"	MSCFAN	**7732-5345F-R48**

Rods

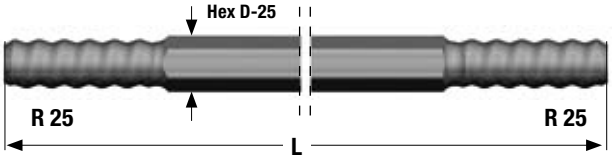


Shank adapter / rod, Hex 22 x R25



Dimensions D					Part No.
L mm	ft	in	Hex D mm	in	
255	–	10 3/64"	22	7/8"	**7802-6103-13**
800	2'	7"	22	7/8"	**7802-6108-13**
1000	3'	3"	22	7/8"	**7802-6110-13**

Extension rod, R25 - Hex 25 - R25



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

Coupling sleeve, R25

160	–	6 1/4"	35	1 3/8"	**7992-2035**

! - *For one-rod drilling*

Small hole drilling

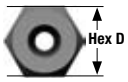
Sandvik Alpha. α250 bit thread

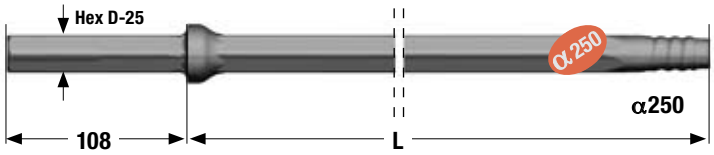
α250

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit									
	1x5	1x6	2x7	5x8	40°	35	1 3/8"	HMCA	**7764-5235-R48**
	1x5	1x6	2x7	5x9	35°	38	1 1/2"	HMCA	**7764-5238-R48**

Button bit									
	3x4.5	–	3x8	6x9	40°	45	1 3/4"	MSCFAN	**7764-5345F-R48**

Rods	Dimensions D					Part No.
	L mm	ft	in	Hex D mm	in	
Shank rod, Hex 25 - α250						
	3600	11'	9 5/8 "	25	1"	**7814-7136-11**





Drifting and tunneling

Drifting and tunneling

Page

R25 (1") bit thread 19

R28 (1 1/8") bit thread 21

R32 (1 1/4") bit thread 22

Sandvik Alpha. α330 bit thread 25

R35 (1 3/8") bit thread 27

Sandvik Extra. R35 (1 3/8") bit thread 29

Sandvik RT300 bits 30

Drifting and tunneling

R25 (1”) bit thread

Bits

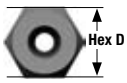
RT300 button bit, type 52

Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
1x4,5	1x6	2x7	5x7	45˚	33	1 5/16"	HMCA	**7732-4433C-S48**
1x5	1x6	2x7	5x9	30˚	35	1 3/8"	HMCA	**7732-4435-S48**
1x5	1x6	2x7	5x9	30˚	37	1 29/64"	HMCA	**7732-5237-S48**
1x5	1x6	2x7	5x9	30˚	38	1 1/2"	HMCA	**7732-5238-S48**
1x5	1x6	2x8	5x9	35˚	41	1 5/8"	HMCA	**7732-5241-S48**

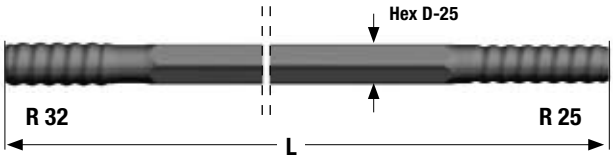
Cross bit

1x5	2x5				33	1 5/16"	-	**7732-1633-42**
1x5	2x5				35	1 3/8"	-	**7732-1435-42**

Rods



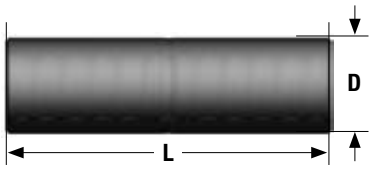
Drifter rod, R32 - Hex 25 - R25



Flushing hole Ø 8,8 mm

Dimensions D					Part No.
L mm	ft	in	D mm	in	
1870	6'	1 5/8"	25	1"	**7853-2418-20**
2175	7'	1 5/8"	25	1"	**7853-2421-20**
2475	8'	1 1/2"	25	1"	**7853-2424-20**
2630	8'	7 1/2"	25	1"	**7853-2426-20**
2785	9'	1 5/8"	25	1"	**7853-2427-20**
2935	9'	7 1/2"	25	1"	**7853-2429-20**
3090	10'	1 5/8"	25	1"	**7853-2431-20**

Coupling sleeve, R32



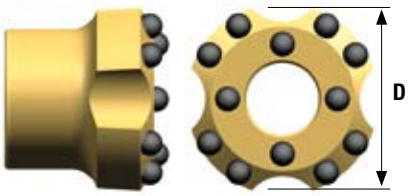
150		5 29/64"	44	1 47/64"	**7993-3644**

Drifting and tunneling

R25 (1") reaming tools

	Thread	Dimensions D					Part No.
		L mm	ft	in	D mm	in	
Reaming tools for cut holes / Pilot adapter, 6° taper							
	R25	-	-	-	26	1 1/32"	**7822-2526**

	Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size		mm	in	
Reaming tools for cut holes / Reaming bit, 6° taper						
	4x8	8x9	25°	64	2 1/2"	**7722-4864-S45**
	4x10	8x10	30°	76	3"	**7722-4876-S45**
	6x10	8x10	30°	89	3 1/2"	**7722-4889-S45**



Drifting and tunneling

R28 (1 1/8”) bit thread

Bits

RT300 button bit, type 52

Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
1x5	1x6	2x7	5x9	35˚	38	1 1/2"	MCAN	**7739-5238-R48**
1x5	1x6	2x7	5x9	30˚	38	1 1/2"	HMCA	**7739-5238-S48**
1x5	1x6	2x8	5x9	35˚	41	1 5/8"	HMCA	**7739-5241-S48**
1x5	1x6	2x8	5x10	30˚	43	1 11/16”	HMCA	**7739-5243-S48**

Cross bit

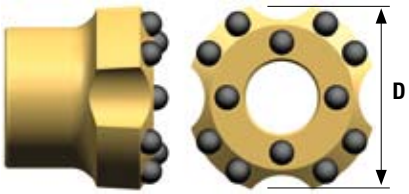
1x5	2x5	-	-		38	1 1/2"		**7739-1438-42**

Reaming tools

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

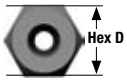
Thread	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
R28	-	-	-	26	1 1/32"	**7822-1526**

Reaming tools for cut holes / Reaming bit, 6° taper

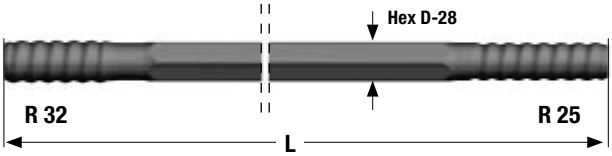


Buttons, mm		Angle	Dimensions D		Part No.
Front No Size	Gauge No Size		mm	in	
4x8	8x9	25˚	64	2 1/2"	**7722-4864-S45**
4x10	8x10	30˚	76	3"	**7722-4876-S45**
6x10	8x10	30˚	89	3 1/2"	**7722-4889-S45**

Rods



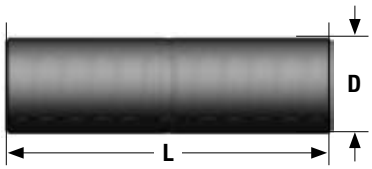
Drifter rod, R32 - Hex 28 - R28



Flushing hole Ø 8,8 mm

Dimensions D					Part No.
L mm	ft	in	D mm	in	
3090	10'	1 5/8"	28	1 1/8"	**7853-7631-20**
3700	12'	1 5/8"	28	1 1/8"	**7853-7637-20**
4305	14'	1 1/2"	28	1 1/8"	**7853-7643-20**

Coupling sleeve, R32



150		5 29/64"	44	1 47/64"	**7993-3644**

Drifting and tunneling

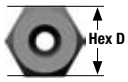
R32 (1 1/4”) bit thread

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classifi-cation	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
RT300 button bit, type 52									
	1x5	2x6	2x9	5x10	35˚	43	1 11/16"	HMCVA	**7733-5243A-S48**
	1x5	2x6	2x9	5x11	30˚	45	1 3/4"	HMCVA	**7733-5245A-S48**
	1x6	2x7.5	2x9	5x11	35˚	48	1 7/8"	HMCVA	**7733-5248A-S48**
	1x6	2x7.5	2x10	5x12	35˚	51	2"	HMCVA	**7733-5251A-S48**
RT300 button bit, type 54									
	2x6	2x6	2x9	6x9	40˚	43	1 11/16"	MSCAN	**7733-5443B-R48**
	2x6	2x6	2x9	6x10	35˚	45	1 3/4"	MSCAN	**7733-5445B-R48**
RT300 button bit, type 53									
	3x4.5	1x5	3x8	6x10	25˚	45	1 3/4"	HMCAN	**7733-5345A-S48**
	3x4.5	1x5	3x8	6x10	30˚	45	1 3/4"	MSCAN	**7733-5345A-R48**
	3x5	1x5	3x9	6x10	30˚	48	1 7/8"	HMCAN	**7733-5348A-S48**
	3x5	1x5	3x9	6x10	30˚	48	1 7/8"	HMCAN	**7733-5348A-R48**
	3x6	1x6	3x9	6x10	35˚	51	2"	MSCAN	**7733-1651A-S48**
	3x6	1x6	3x9	6x10	35˚	51	2"	MSCAN	**7733-1651A-R48**
	-	-	3x9	6x9	-	4	1 3/4"	SCN	**7733-5745A-C48**
Cross bit									
	1x5	4x6	-	-	-	45	1 3/4"		**7733-1345A-42**

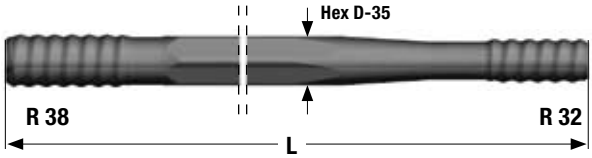
Drifting and tunneling

R32 (1 1/4”) bit thread

Rods



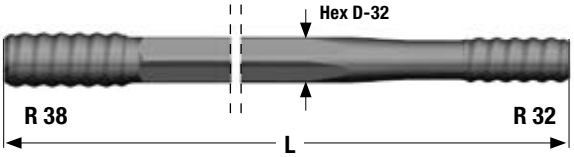
Drifter rod, R38 - Hex 35 - R32



Dimensions D					Part No.
L mm	ft	in	D mm	in	
3090	10'	1 5/8"	35	1 3/8"	**7854-9631-20**
3700	12'	1 5/8"	35	1 3/8"	**7854-9637-20**
4305	14'	1 1/2"	35	1 3/8"	**7854-9643-20**
4915	16'	1 1/2"	35	1 3/8"	**7854-9649-20**

Flushing hole Ø 9,5 mm

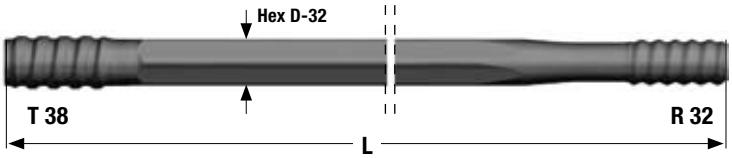
Drifter rod, R38 - Hex 32 - R32



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

Flushing hole Ø 9,6 mm

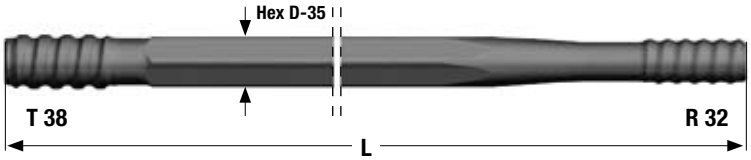
Drifter rod, T38 - Hex 32 - R32



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

Flushing hole Ø 9,6 mm

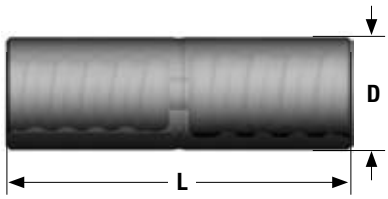
Drifter rod, T38 - Hex 35 - R32



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

Flushing hole Ø 9,5 mm

Coupling sleeve



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

Drifting and tunneling

R32 (1 1/4") reaming tools

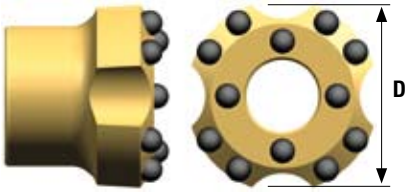
Pilot adapters 6°, 12° taper

Thread	Dimensions D L mm	ft	in	D mm	in	Part No.
Reaming tools for cut holes / Pilot adapter, 6° taper						
R32	-	-	-	26	1 1/32"	**7822-3526**

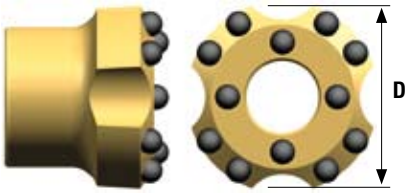
Reaming tools for cut holes / Pilot adapter, 12° taper						
R32	-	-	-	40	1 37/64"	**7821-3440**

Reaming bit 6°, 12° taper

Buttons, mm Front No Size	Gauge No Size	Angle	Dimensions D mm	in	Part No.
Reaming tools for cut holes / Reaming bit, 6° taper					
4x8	8x9	25°	64	2 1/2"	**7722-4864-S45**
4x10	8x10	30°	76	3"	**7722-4876-S45**
6x10	8x10	30°	89	3 1/2"	**7722-4889-S45**

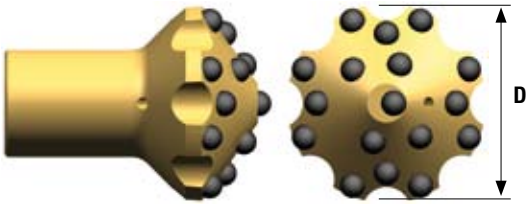


Reaming tools for cut holes / Reaming bit, 12° taper					
4x10	8x12	35°	89	3 1/2"	**7721-4889-S45**
4x12	8x12	35°	102	4"	**7721-4802-S45**
8x12	8x12	35°	127	5"	**7721-4827-S45**



Reaming bit

Flushinghole, mm Front No Size	Gauge No Size	Buttons, mm Front No Size	Gauge No Size	Angle	Dimensions D mm	in	Part No.
Reaming tools for cut holes / Reaming bit, R32							
2x6	2x6	9x13	8x13	35°	102	4"	**7733-5602-S45**



Drifting and tunneling

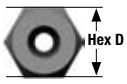
Sandvik Alpha. α330 bit thread

α330

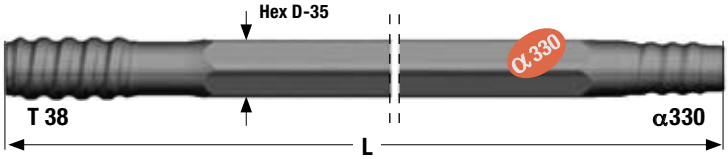
Bits

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
RT300 button bit, type 52									
	1x5	1x7.5	2x9	6x10	35°	43	1 11/16"	HMCVA	**7766-5243A-S48**
	1x5	1x7.5	2x9	5x11	30°	45	1 3/4"	HMCVA	**7766-5245A-S48**
	1x6	2x7.5	2x9	5x11	35°	48	1 7/8"	HMCVA	**7766-5248A-S48**
RT300 button bit, type 54									
	2x6	2x6	2x9	6x9	40°	43	1 11/16"	MSCAN	**7766-5443B-R48**
	2x6	2x6	2x9	6x10	35°	45	1 3/4"	MSCAN	**7766-5445B-R48**
RT300 button bit, type 53									
	3x4.5	1x5	3x8	6x10	30°	45	1 3/4"	MSCAN	**7766-5345A-R48**
	3x4.5	1x5	3x8	6x10	25°	45	1 3/4"	HMCAN	**7766-5345A-S48**
	3x5	1x5	3x9	6x10	30°	48	1 7/8"	MSCAN	**7766-5348A-R48**
	3x5	1x5	3x9	6x10	30°	48	1 7/8"	HMCAN	**7766-5348A-S48**
	3x6	1x6	3x9	6x10	35°	51	2"	MSCAN	**7766-1651A-R48**
	3x6	1x6	3x9	6x10	35°	51	2"	HMCAN	**7766-1651A-S48**
Cross bit									
	1x5	4x6				45	1 3/4"		**7766-1345A-42**

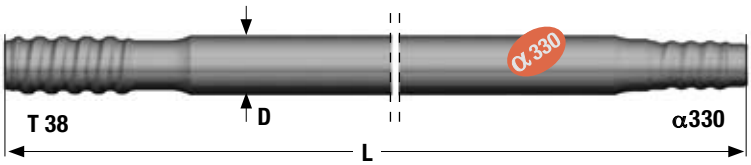
Rods



Rods	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
Drifter rod, T38 - Hex 35 - α330						
	3090	10'	1 5/8"	35	1 3/8"	**7324-4131-20**
	3700	12'	1 5/8"	35	1 3/8"	**7324-4137-20**
	4305	14'	1 1/2"	35	1 3/8"	**7324-4143-20**
	4915	16'	1 1/2"	35	1 3/8"	**7324-4149-20**
	5525	18'	1 1/2"	35	1 3/8"	**7324-4155-20**
Drifter rod, T38 - Round 39 - α330						
	4915	16'	1 1/2"	39	1 1/2"	**7324-4249-20**
	5525	18'	1 1/2"	39	1 1/2"	**7324-4255-20**
	6135	20'	1 1/2"	39	1 1/2"	**7324-4261-20**
	6440	21'	1 1/2"	39	1 1/2"	**7324-4264-20**



Flushing hole Ø 9,5 mm



Flushing hole Ø 10,3 mm

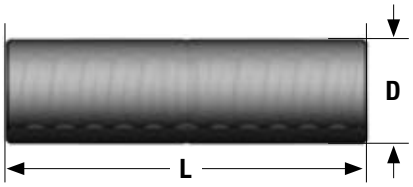
Drifting and tunneling

Sandvik Alpha. α330 bit thread

α330

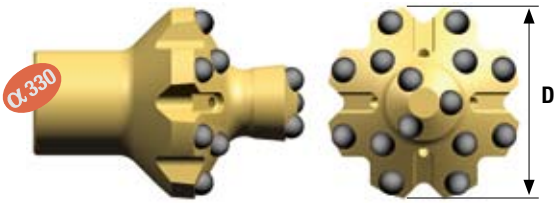
Rods

Coupling sleeve, T38	Dimensions D L mm	ft	in	D mm	in	Part No.
	191	-	7 1/2"	52	2"	**7314-3652**



Reaming bit

Reaming tools for cut holes / Reaming bit, α330	Flushinghole, mm Front No Size	Gauge No Size	Buttons, mm Front No Size	Gauge No Size	Angle	Dimensions D mm	in	Part No.
	4x6	-	7x13	8x13	35°	102	4"	**7766-5602P-S48**

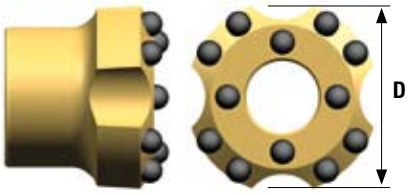


Pilot adapter 12° taper

Reaming tools for cut holes / Pilot adapter, 12° taper	Thread	Dimensions D L mm	ft	in	D mm	in	Part No.
	α330	-	-	-	40	1 37/64"	**7821-3040**

Reaming bit 12° taper

Reaming tools for cut holes / Reaming bit, 12° taper	Buttons, mm Front No Size	Gauge No Size	Angle	Dimensions D mm	in	Part No.
	4x10	8x12	35°	89	3 1/2"	**7721-4889-S45**
	4x12	8x12	35°	102	4"	**7721-4802-S45**
	8x12	8x12	35°	127	5"	**7721-4827-S45**



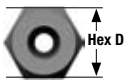
Drifting and tunneling

R35 (1 3/8") bit thread

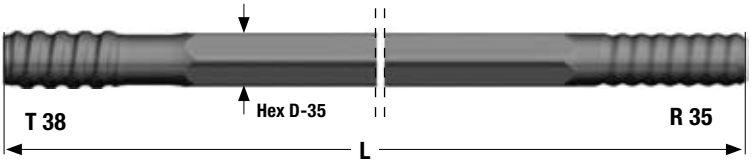
Bits

	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
RT300 button bit, type 52									
	1x5	1x7.5	2x9	5x11	35°	48	1 7/8"	HMCVA	**7738-5248-S48**
RT300 button bit, type 53									
	3x5	1x5	3x9	6x10	30°	48	1 7/8"	HMCAN	**7738-5348A-S48**
	3x5	1x5	3x9	6x10	30°	48	1 7/8"	MSCAN	**7738-5348A-R48**
	3x6	1x6	3x9	6x10	35°	51	2"	HMCAN	**7738-1651A-S48**
	3x6	1x6	3x9	6x10	35°	51	2"	MSCAN	**7738-1651A-R48**
Cross bit									
	1x5	2x7.5	–	–	–	48	1 7/8"	–	**7738-1448-42**

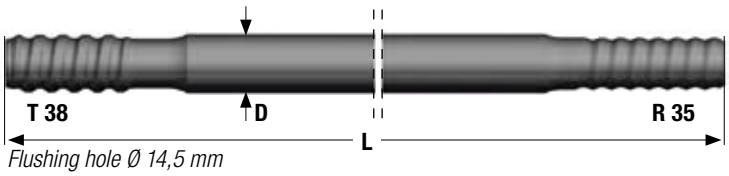
Rods



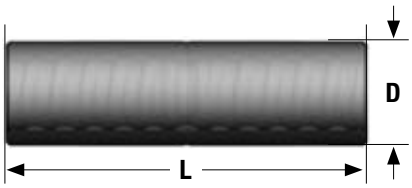
	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
Drifter rod, T38 - Hex 35 - R35						
	4305	14'	1 1/2"	35	1 3/8"	**7324-8543-20**
	4915	16'	1 1/2"	35	1 3/8"	**7324-8549-20**
	5525	18'	1 1/2"	35	1 3/8"	**7324-8555-20**
	6135	20'	1 1/2"	35	1 3/8"	**7324-8561-20**
Drifter rod, T38 - Round 39 - R35						
	4305	14'	1 1/2"	39	1 1/2"	**7324-7243-20**
	4915	16'	1 1/2"	39	1 1/2"	**7324-7249-20**
	5525	18'	1 1/2"	39	1 1/2"	**7324-7255-20**
	6135	20'	1 1/2"	39	1 1/2"	**7324-7261-20**
Coupling sleeve, T38						
	191	–	7 1/2"	52	2"	**7314-3652**



Flushing hole Ø 9,5 mm



Flushing hole Ø 14,5 mm

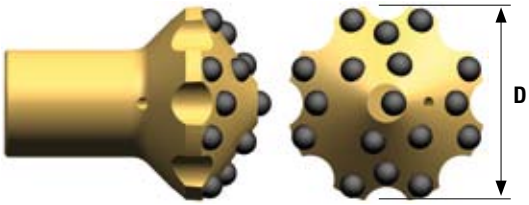


Drifting and tunneling

R35 (1 3/8”) bit thread

Reaming bit

Reaming tools for cut holes / Reaming bit, R35	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in	
	2x6	2x6	9x13	8x13	35°	102	4"	**7738-5602-S45**

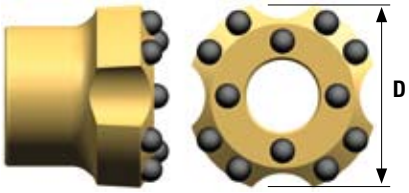


Pilot adapter 12° taper

Reaming tools for cut holes / Pilot adapter, 12° taper	Thread	Dimensions D					Part No.
		L mm	ft	in	D mm	in	
	R35	-	-	-	40	1 37/64"	**7821-5440**

Reaming bit 12° taper

Reaming tools for cut holes / Reaming bit, 12° taper	Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size		mm	in	
	4x10	8x12	35°	89	3 1/2"	**7721-4889-S45**
	4x12	8x12	35°	102	4"	**7721-4802-S45**
	8x12	8x12	35°	127	5"	**7721-4827-S45**



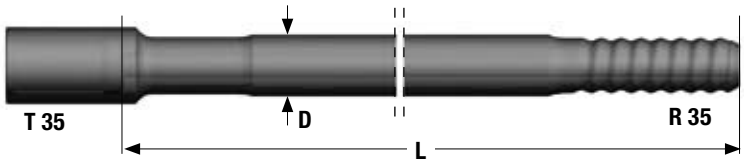
Drifting and tunneling

Sandvik Extra. R35 (1 3/8”) bit thread

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classifi-cation	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, Retrac R35									
	3x6	1x5	3x9	6x11	30°	54	2 1/5"	MSCFAN	**7738-4654A1-R48**

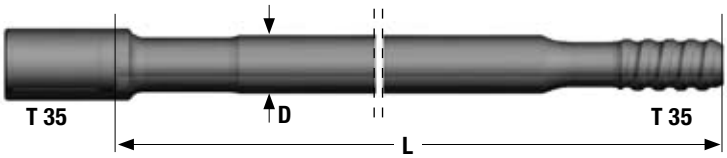
R35 (1 3/8”)

Rods	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
Drifter rod, T35 - Round 39 - R35						
	4305	14’	1 1/2"	39	1 1/2”	**7327-5243-20**
	4915	16'	1 1/2"	39	1 1/2"	**7327-5249-20**
	5525	18'	1 1/2"	39	1 1/2"	**7327-5255-20**
	6135	20'	1 1/2"	39	1 1/2"	**7327-5261-20**



Flushing hole Ø 14,5 mm, Female end Ø 48,2 mm

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



Flushing hole Ø 14,5 mm, Female end Ø 48,2 mm

Drifting and tunneling

Sandvik RT300 bits

Sandvik RT300 bits for drifting and tunneling are available in three basic designs	
	Type 52 Designed for hard and abrasive rock
	Type 53 Allround design for most types of rock
	Type 54 Designed for soft and less abrasive rock

Bench drilling

Bench drilling

Page

R32 (1 1/4") 33

T35(1 3/8") 35

T38 (1 1/2") 36

T45 (1 3/4") 38

T51 (2") 40

Sandvik GT60 42

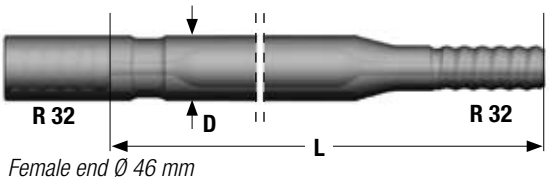
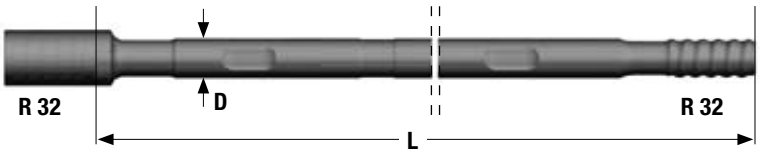
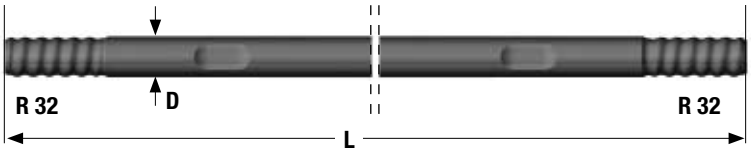
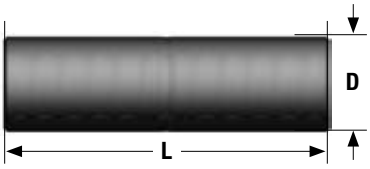
Bench drilling

R32 (1 1/4")

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit									
	3x6	1x6	3x9	6x10	35°	51	2"	HMCA	**7733-1651A-S48**
	3x6	1x6	3x9	6x10	35°	51	2"	MSCAN	**7733-1651A-R48**
	3x6	1x6	3x10	6x11	35°	57	2 1/4"	HMCA	**7733-1657A-S48**
	3x7	–	3x11	6x12	30°	64	2 1/2"	HMCVA	**7733-1664-S48**
Button bit, Retrac									
	3x6	–	3x9	6x10	35°	51	2"	HMCFA	**7733-4651-S48**
	3x6	–	3x9	6x10	35°	51	2"	MSCFAN	**7733-4651-R48**
	3x8	–	3x11	6x12	30°	64	2 1/2"	HMCFVA	**7733-4664-S48**
Cross bit									
	1x5	2x7.5	–	–	–	51	2"	HMCFA	**7733-1451-42**
Guide bit									
	3x6	–	3x8	6x10	40º	51	2"	–	**7733-8251-R48**

Bench drilling

R32 (1 1/4")

Rods	Dimensions D						Part No.
	Bit dia. mm	L mm	ft	in	D mm	in	
Guide tube							
	51-64	3050	10'	–	46	1 3/4"	**7953-4631-20**
Female end Ø 46 mm							
MF-rod, R32 - round 32 - R32							
		3050	10'	-	32	1 1/4"	**7853-5131-20**
		3660	12'	-	32	1 1/4"	**7853-5137-20**
Flushing hole Ø 9.2 mm. Wrench flat 25.4 mm. Female end Ø 45 mm							
Extension rod, R32 - round 32 - R32							
		3050	10'	-	32	1 1/4"	**7853-3331-30**
		3660	12'	-	32	1 1/4"	**7853-3337-30**
Flushing hole Ø 11.7 mm. Wrench flat 25.4 mm							
Coupling sleeve R32							
		150	-	5 29/32"	44	1 47/64"	**7993-3644**

Bench drilling

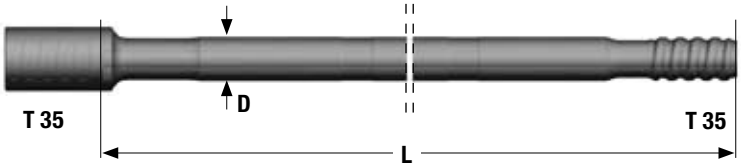
T35(1 3/8")

Bits

Button bit, regular skirt	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
	3x6	1x6	3x9	6x10	35°	64	2 1/2"	HMCFVAN	**7517-1654A-S48**

Button bit, Retrac T35									
	3x6	–	3x9	6x10	35°	54	2 1/6"	MSCFAN	**7517-4654-R48**
	3x7	–	3x10	6x11	35°	57	2 1/4"	MSCFAN	**7517-4657-R48**

Rods

MF-rod, T35 - Round 39 - T35	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
	3050	10'	-	39	1 1/2"	**7327-4731-20**
	3660	12'	-	39	1 1/2"	**7327-4737-20**
	4265	14'	-	39	1 1/2"	**7327-4743-20**

Female end Ø 45 mm. Flushing hole Ø 14,5 mm

Bench drilling

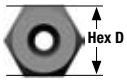
T38 (1 1/2")

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, regular skirt									
	3x8	–	3x11	6x12	30°	64	2 1/2"	HMCVAN	**7514-1664-S48**
	3x8	–	3x11	6x12	35°	64	2 1/2"	MSCAN	**7514-1664-R48**
	4x8	–	5x9	8x10	35°	64	2 1/2"	MSCAN	**7514-1864-R48**
	4x8	–	5x10	8x11	30°	70	2 3/4"	HMCVAN	**7514-1870-S48**
	4x8	–	5x11	8x12	35°	76	3"	HMCVAN	**7514-1876-S48**
	4x8	–	5x11	8x11	40°	76	3"	MSCAN	**7514-1876-R48**
	4x9	–	5x12	8x12	35°	89	3 1/2"	HMCVAN	**7514-1889-S48**
Button bit, Retrac									
	3x8	–	3x11	6x12	30°	64	2 1/2"	HMCFVAN	**7514-4664-S48**
	3x8	–	3x11	6x12	35°	64	2 1/2"	MSCFAN	**7514-4664-R48**
	4x8	–	5x9	8x10	35°	64	2 1/2"	MSCFAN	**7514-4864-R48**
	4x8	–	5x10	8x11	30°	70	2 3/4"	HMCFVAN	**7514-4870-S48**
	4x8	–	5x11	8x12	35°	76	3"	HMCFVAN	**7514-4876-S48**
	4x8	–	5x11	8x11	40°	76	3"	MSCFAN	**7514-4876-R48**
X bit									
	1x7.5	2x7.5	–	–	–	64	2 1/2"	–	**7514-4064-11**
	1x7.5	2x7.5	–	–	–	76	3"	–	**7514-4076A-11**
Guide bit									
	3x8	1x8	4x9	6x11	35°	64	2 1/2"	MSCFAN	**7514-8264-R48**

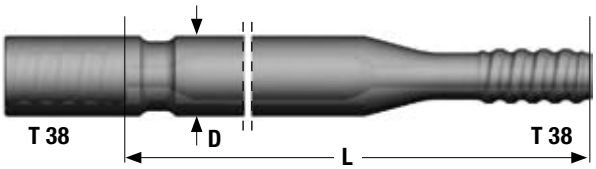
Bench drilling

T38 (1 1/2")

Rods

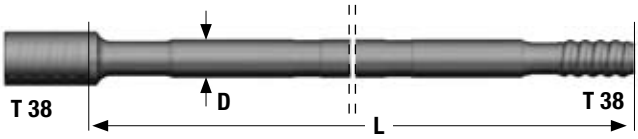


Bit dia. mm	Dimensions D L mm	ft	in	D mm	in	Part No.
Guide tube						
64-76	3660	12'	–	56	2 13/64"	**7955-5637-20**



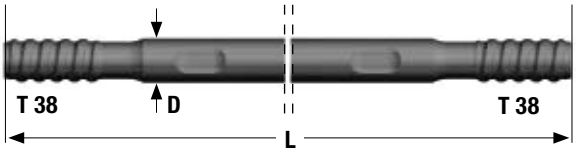
Female end OD 56 mm

MF-rod, T38 - round 39 - T38						
	3050	10'	–	39	1 1/2"	**7324-4731-70**
	3660	12'	–	39	1 1/2"	**7324-4737-70**
	4265	14'	–	39	1 1/2"	**7324-4743-70**



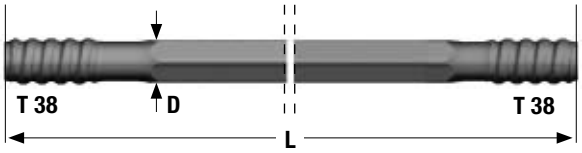
Flushing hole Ø 14.5 mm. Female end OD 56 mm

Extension rod, T38 - round 39 - T38						
	3050	10'	–	39	1 1/2"	**7324-4331C-30**
	3660	12'	–	39	1 1/2"	**7324-4337C-30**



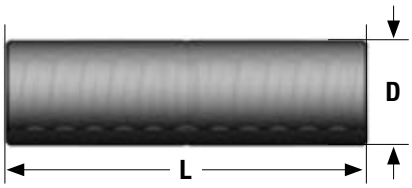
Flushing hole Ø 14.5 mm. Wrench flat 32 mm

Light extension rod, T38 - Hex 32 - T38						
	3050	10'	–	32	1 1/4"	**7324-6931-20**



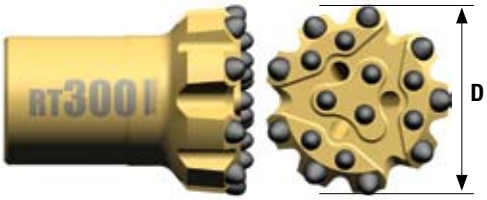
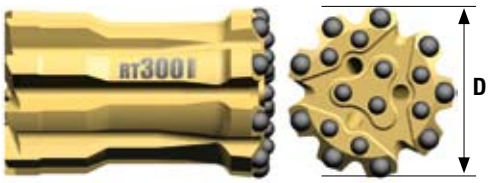
Flushing hole Ø 9.6 mm

Coupling sleeve T38						
	191	–	7 1/2"	55	2 5/32"	**7314-3355**



Bench drilling

T45 (1 3/4")

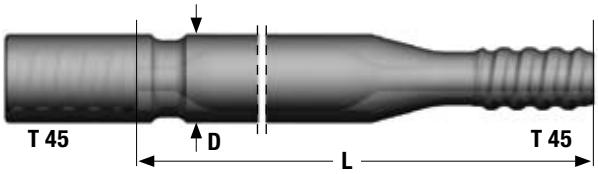
Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classifica-tion	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, regular skirt									
	4x8	–	5x10	8x11	30°	70	2 3/4"	HMCVAN	**7515-1870-S48**
	4x8	–	5x11	8x12	35°	76	3"	HMCVAN	**7515-1876-S48**
	4x8	–	5x11	8x12	35°	76	3"	MSCAN	**7515-1876-R48**
	4x9	–	5x13	8x13	35°	89	3 1/2"	HMCVAN	**7515-1889-S48**
	4x9	–	5x13	8x13	40°	89	3 1/2"	HMCAN	**7515-1889-R48**
	3x10	–	9x11	9x13	35°	102	4"	HMCVAN	**7515-1902-S48**
	3x10	–	9x11	9x13	40°	102	4"	MSCAN	**7515-1902-R48**
Button bit, Retrac									
	4x8	–	5x10	8x11	35°	70	2 3/4"	MSCFAN	**7515-4870-R48**
	4x8	–	5x11	8x12	35°	76	3"	HMCFVAN	**7515-4876-S48**
	4x8	–	5x11	8x12	35°	76	3"	MSCFAN	**7515-4876-R48**
	4x9	–	5x13	8x13	35°	89	3 1/2"	HMCFVAN	**7515-4889-S48**
	4x9	–	5x13	8x13	40°	89	3 1/2"	MSCFAN	**7515-4889-R48**
	3x10	–	9x11	9x13	35°	102	4"	HMCFVAN	**7515-4902-S48**
	3x10	–	9x11	9x13	40°	102	4"	MSCFAN	**7515-4902-R48**
Guide bit									
	4x8	–	6x10	8x11	35º	76	3"	MSCFAN	**7515-8276-R48**
	4x10	–	6x11	8x12	40º	89	3 1/2"	MSCFAN	**7515-8289-R48**

Bench drilling

T45 (1 3/4")

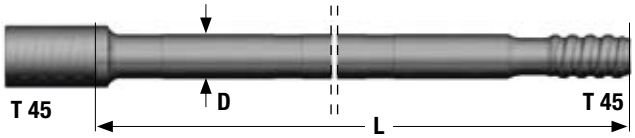
Rods

Bit dia. mm	L mm	ft	in	D mm	in	Part No.
Guide tube						
76-89	3660	12'	–	63	2 1/2"	**7956-6337-70**
89-102	3660	12'	–	76	3"	**7956-7637-70**



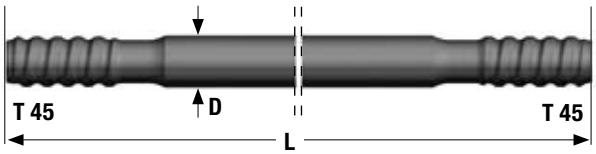
Female end Ø 63 mm / 76 mm

MF-rod, T45 - round 46 - T45						
	3050	10'	–	46	1 3/4"	**7325-7731-70**
	3660	12'	–	46	1 3/4"	**7325-7737-70**
	4265	14'	–	46	1 3/4"	**7325-7743-70**
	6095	20'	–	46	1 3/4"	**7325-7761-70**



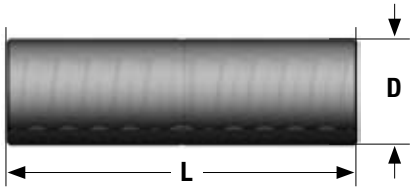
Flushing hole Ø 17 mm. Female end Ø 63 mm

Extension rod, T45 - round 46 - T45						
	3050	10'	–	46	1 3/4"	**7325-7331C-30**
	3660	12'	–	46	1 3/4"	**7325-7337C-30**
	4265	14'	–	46	1 3/4"	**7325-7343C-30**



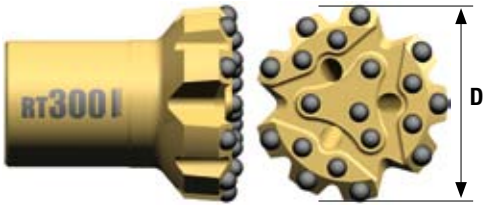
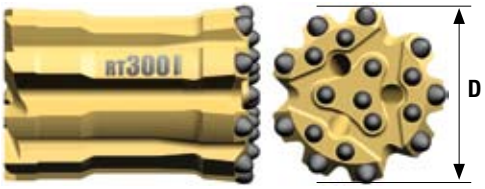
Flushing hole Ø 17 mm

Coupling sleeve T45						
	210	–	8 1/8"	63	2 31/64"	**7315-3663**



Bench drilling

T51 (2")

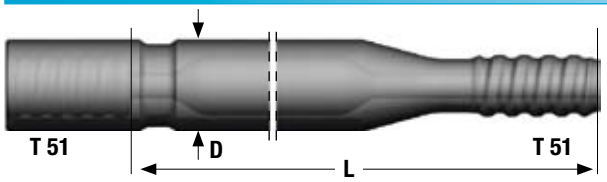
Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, regular skirt									
	4x10	–	5x13	8x13	35°	89	3 1/2”	HMCVAN	**7516-1889-S48**
	4x10	–	5x13	8x13	40°	89	3 1/2”	MSCAN	**7516-1889-R48**
	3x13	–	9x11	9x13	40°	102	4"	MSCAN	**7516-1902-R48**
	3x13	–	9x11	9x13	35°	102	4"	HMCVAN	**7516-1902-S48**
	3x14	–	10x12	9x14	35°	115	4 1/2"	HMCVAN	**7516-1915-S48**
	3x14	–	10x13	9x14	35°	127	5"	HMCVAN	**7516-1927-S48**
Button bit, Retrac									
	4x10	–	5x13	8x13	35°	89	3 1/2”	HMCFVAN	**7516-4889-S48**
	4x10	–	5x13	8x13	40°	89	3 1/2”	MSCFAN	**7516-4889-R48**
	3x13	–	9x11	9x13	40°	102	4”	MSCFAN	**7516-4902-R48**
	3x13	–	9x11	9x13	35°	102	4”	HMCFVAN	**7516-4902-S48**
	3x14	–	10x12	9x14	40°	115	4 1/2”	HMCFVAN	**7516-4915-R48**
	3x14	–	10x12	9x14	35°	115	4 1/2”	HMCFVAN	**7516-4915-S48**
	3x14	–	10x13	9x14	35°	127	5”	HMCFVAN	**7516-4927-S48**

Bench drilling

T51 (2")

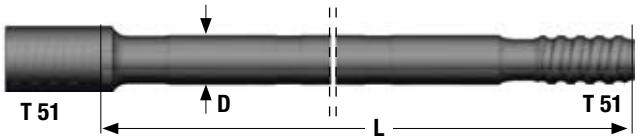
Rods

Bit dia. mm	L mm	ft	in	D mm	in	Part No.
Guide tube						
89-102	3660	12'	–	76	3"	**7957-7637-70**
102-127	3660	12'	–	87	3 1/2"	**7957-8737-70**



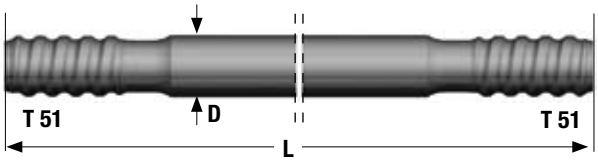
Female end Ø 76 / 87 mm

MF-rod, T51 - round 52 - T51						
	3660	12'	–	52	2"	**7326-5537-70**
	4265	14'	–	52	2"	**7326-5543-70**
	6095	20'	–	52	2"	**7326-5561-70**



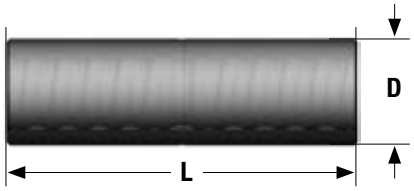
Flushing hole Ø 21.5 mm. Female end Ø 71 mm

Extension rod, T51 - round 52 - T51						
	3660	12'	–	52	2"	**7326-5337C-30**
	4265	14'	–	52	2"	**7326-5343C-30**
	6095	20'	–	52	2"	**7326-5361C-30**



Flushing hole Ø 21.5 mm

Coupling sleeve T51						
	225	–	8 7/8"	71	2 51/64"	**7316-3671**
	225	–	8 7/8"	76	3"	**7316-3676**



Bench drilling

Sandvik GT60

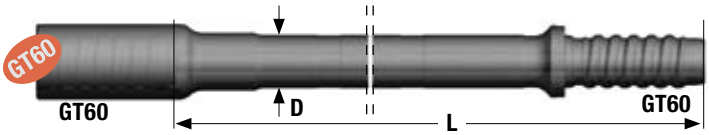
Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, regular skirt									
	4x11	–	6x12	8x14	35°	92	3 5/8"	HMSCVA	**7620-1892-S48**
	4x11	–	6x12	8x14	35°	96	3 3/4"	HMSCVA	**7620-1896-S48**
	3x14	–	9x11	9x13	35°	102	4"	HMSCVA	**7620-1902-S48**
	3x14	–	10x12	9x14	40°	115	4 1/2”	MSCAN	**7620-1915-R48**
	3x14	–	10x12	9x14	35°	115	4 1/2"	HMSCVA	**7620-1915-S48**
	3x14	–	10x14	9x16	35°	127	5"	HMSCVA	**7620-1927-S48**
	3x14	–	10x14	9x16	35°	140	5 1/2"	HMSCVA	**7620-1940-S48**
	3x14	–	12x14	9x16	35°	152	6”	HMSCVA	**7620-1952-S48**
Button bit, Retrac									
	3x14	–	9x11	9x13	35°	102	4"	HMSCFVA	**7620-4902-S48**
	3x14	–	9x11	9x13	40°	102	4"	MSCFAN	**7620-4902-R48**
	3x14	–	10x12	9x14	40°	115	4 1/2”	MSCFAN	**7620-4915-R48**
	3x14	–	10x12	9x14	35°	115	4 1/2"	HMSCFVA	**7620-4915-S48**
	3x14	–	10x14	9x16	35°	127	5"	HMSCFVA	**7620-4927-S48**
	3x14	–	10x14	9x16	35°	140	5 1/2”	HMSCFVA	**7620-4940-S48**
	3x14	–	12x14	9x16	35°	152	6”	HMSCFVA	**7620-4952-S48**
	2x14	–	9x12	9x12	40°	92	3 5/8"	MSCFAN	**7620-8792-R48**
	2x14	–	9x12	9x12	40°	96	3 3/4”	MSCFAN	**7620-8796-R48**
	2x14	–	10x12	9x13	40°	102	4"	MSCFAN	**7620-8702-R48**
	3x13	–	6x13	9x16	35°	115	4 1/2"	HMCFVA	**7620-8115-S48**

Bench drilling

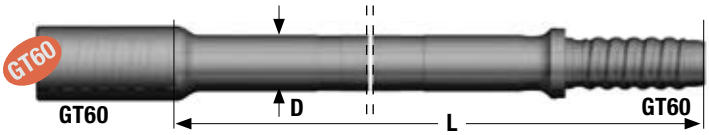
Sandvik GT60

Rods

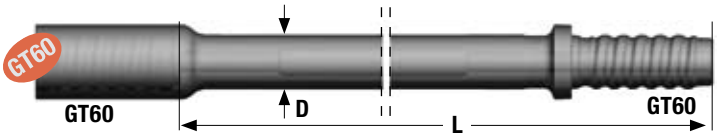
	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
MF-rod, GT60 - Round 60 (64) - GT60. For bits from 96 mm.						
	3660	12'	-	60	2 3/8"	**7610-1137-70**
	4265	14'	-	60	2 3/8"	**7610-1143-70**
	6095	20'	-	60	2 3/8"	**7610-1161-70**
	4265	14'	-	64	2 1/2"	**7610-1243-70**
MF-rod, GT60 - Round 60 - GT60. For 92-115 mm bits.						
	4265	14'	-	60	2 3/8"	**7610-1443-70**
Pilot tube						
	4265	14'	–	87	3 1/2"	**7640-8743-70**
	5335	17'	6"	76	3"	**7640-7653-70**
Drill tube						
	4265	14'	–	87	3 1/2"	**7660-8743-71**



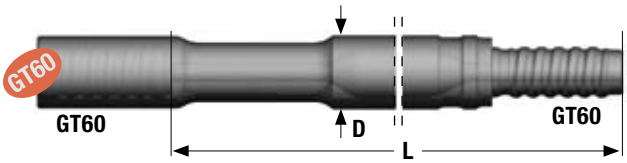
Female end Ø 85 mm. Flushing hole Ø 22,5 mm



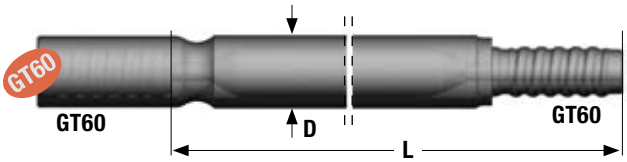
Female end Ø 85 mm. Flushing hole Ø 25 mm



Female end Ø 82 mm. Flushing hole Ø 22,5 mm



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



Always use with tube shank adapter 7600-6030-01 (HL1500, 1560) or 7600-6031-01 (HL1000, 1010)

GT60

Long hole drilling underground

Long hole drilling underground

Page

R32 (1 1/4") 47

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T38 (1 1/2") 50

T45 (1 3/4") 52

T51 (2") 54

T45 (1 3/4") tube drilling tools 56

ST58 (2 1/4") tube drilling tools 57

ST68 (2 3/4") tube drilling tools 58

Long hole drilling underground

R32 (1 1/4")

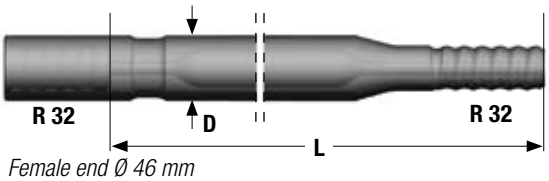
Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit									
	3x6	1x6	3x9	6x10	35°	51	2"	HMCA	**7733-1651A-S48**
	3x6	1x6	3x9	6x10	35°	51	2"	MSCAN	**7733-1651A-R48**
	3x6	1x6	3x10	6x11	35°	57	2 1/4"	HMCA	**7733-1657A-S48**
	3x7	–	3x11	6x12	30°	64	2 1/2"	HMCVA	**7733-1664-S48**
Button bit, Retrac									
	3x6	–	3x9	6x10	35°	51	2"	HMCFA	**7733-4651-S48**
	3x6	–	3x9	6x10	35°	51	2"	MSCFAN	**7733-4651-R48**
	3x8	–	3x11	6x12	30°	64	2 1/2"	HMCFVA	**7733-4664-S48**
Cross bit									
	1x5	2x7.5	–	–	–	51	2"	HMCFA	**7733-1451-42**
Guide bit									
	3x6	–	3x8	6x10	40º	51	2"	–	**7733-8251-R48**

Long hole drilling underground

R32 (1 1/4")

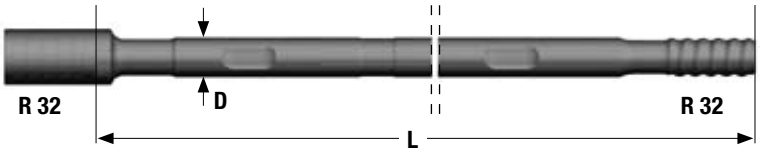
Rods

Bit dia. mm	Dimensions D L mm	ft	in	D mm	in	Part No.
Guide tube						
51-64	1830	6'	–	46	1 3/4"	**7953-4618-20**



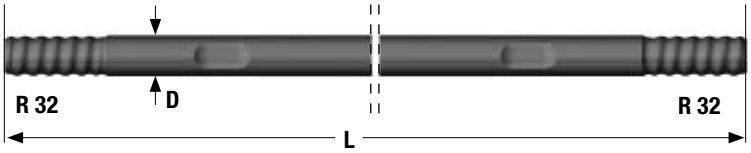
Female end Ø 46 mm

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



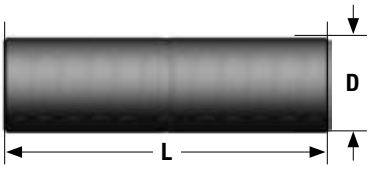
Flushing hole Ø 9.2 mm. Wrench flat 25.4 mm. Female end Ø 45 mm

Extension rod, R32 - round 32 - R32						
	915	3'	–	32	1 1/4"	**7853-3309-20**
	1220	4'	–	32	1 1/4"	**7853-3312-20**
	1525	5'	–	32	1 1/4"	**7853-3315-20**
	1830	6'	–	32	1 1/4"	**7853-3318-20**



Flushing hole Ø 11.7 mm. Wrench flat 25.4 mm

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



Pilot adapter

Thread	Dimensions D L mm	ft	in	D mm	in	Part No.
Pilot adapter for reaming of 51 mm (2") pilot holes						
R32	–	–	–	47	1 7/8"	**7823-3647**

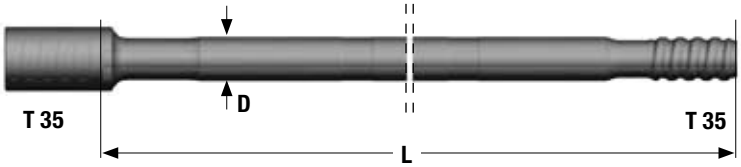
Reamer

Buttons, mm Front No Size	Gauge No Size	Angle	Dimensions D mm	in	Bit Classification	Part No.
Reaming bit						
4x12	8x12	35°	102	4"	–	**7723-4802-S45**
4x12	8x12	35°	127	5"	–	**7723-4827-S45**

Long hole drilling underground

T35 (1 3/8")

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, regular skirt									
	3x6	1x6	3x9	6x10	35°	64	2 1/2"	HMCFVAN	**7517-1654A-S48**
Button bit, Retrac T35									
	3x6	–	3x9	6x10	35°	54	2 1/6"	MSCFAN	**7517-4654-R48**
	3x7	–	3x10	6x11	35°	57	2 1/4"	MSCFAN	**7517-4657-R48**

Rods	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
MF-rod, T35 - Round 39 - T35						
	1830	6'	-	39	1 1/2"	**7327-4718-20**

Female end Ø 48,2 mm. Flushing hole Ø 14,5 mm

Long hole drilling underground

T38 (1 1/2")

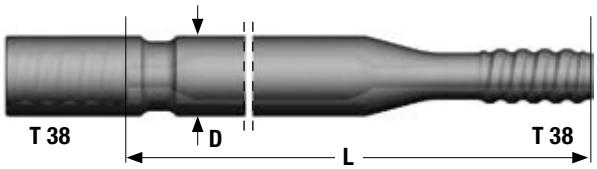
Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, regular skirt									
	3x8	–	3x11	6x12	30°	64	2 1/2"	HMCVAN	**7514-1664-S48**
	3x8	–	3x11	6x12	35°	64	2 1/2"	MSCAN	**7514-1664-R48**
	4x8	–	5x9	8x10	35°	64	2 1/2"	MSCAN	**7514-1864-R48**
	4x8	–	5x10	8x11	30°	70	2 3/4"	HMCVAN	**7514-1870-S48**
	4x8	–	5x11	8x12	35°	76	3"	HMCVAN	**7514-1876-S48**
	4x8	–	5x11	8x11	40°	76	3”	MSCAN	**7514-1876-R48**
Button bit, Retrac									
	3x8	–	3x11	6x12	30°	64	2 1/2”	HMCFVAN	**7514-4664-S48**
	3x8	–	3x11	6x12	35°	64	2 1/2”	MSCFAN	**7514-4664-R48**
	4x8	–	5x9	8x10	35°	64	2 1/2"	MSCFAN	**7514-4864-R48**
	4x8	–	5x10	8x11	30°	70	2 3/4”	HMCFVAN	**7514-4870-S48**
	4x8	–	5x11	8x12	35°	76	3”	HMCFVAN	**7514-4876-S48**
	4x8	–	5x11	8x11	40°	76	3”	MSCFAN	**7514-4876-R48**
Guide bit									
	3x8	1x8	4x9	6x11	35°	64	2 1/2"	MSCFAN	**7514-8264-R48**

Long hole drilling underground

T38 (1 1/2")

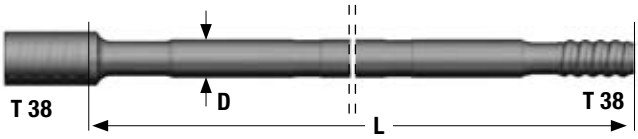
Rods

Bit dia. mm	L mm	ft	in	D mm	in	Part No.
Guide tube						
64-76	1830	6'	–	56	2 13/64"	**7955-5618-20**



Female end OD 56 mm

MF-rod, T38 - round 39 - T38						
	1220	4'	–	39	1 1/2"	**7324-4712C-20**
	1525	5'	–	39	1 1/2"	**7324-4715C-20**
	1830	6'	–	39	1 1/2"	**7324-4718C-20**



Flushing hole Ø 14.5 mm. Female end OD 56 mm

Pilot adapter

Thread	L mm	ft	in	D mm	in	Part No.
Pilot adapter for reaming of 51 mm (2") pilot holes						
T38	–	–	–	47	1 7/8"	**7823-2647**

Reamer

Front No Size	Gauge No Size	Angle	mm	in	Bit Classification	Part No.
Reaming bit						
4x12	8x12	35°	102	4"	–	**7723-4802-S45**
4x12	8x12	35°	127	5"	–	**7723-4827-S45**

Long hole drilling underground

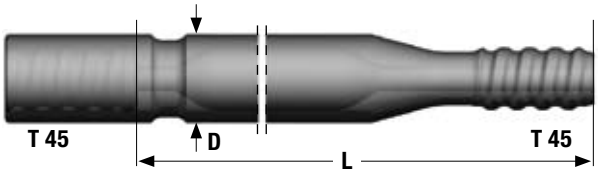
T45 (1 3/4")

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, regular skirt									
	4x8	–	5x10	8x11	35°	70	2 3/4"	HMCVAN	**7515-1870-S48**
	4x8	–	5x11	8x12	35°	76	3"	HMCVAN	**7515-1876-S48**
	4x8	–	5x11	8x12	35°	76	3"	MSCAN	**7515-1876-R48**
	4x9	–	5x13	8x13	35°	89	3 1/2"	HMCVAN	**7515-1889-S48**
	4x9	–	5x13	8x13	40°	89	3 1/2"	MSCAN	**7515-1889-R48**
Button bit, Retrac									
	4x8	–	5x10	8x11	35°	70	2 3/4"	MSCFAN	**7515-4870-R48**
	4x8	–	5x11	8x12	35°	76	3"	HMCFVAN	**7515-4876-S48**
	4x8	–	5x11	8x12	35°	76	3"	MSCFAN	**7515-4876-R48**
	4x9	–	5x13	8x13	35°	89	3 1/2"	HMCFVAN	**7515-4889-S48**
	4x9	–	5x13	8x13	40°	89	3 1/2"	MSCFAN	**7515-4889-R48**
Guide bit									
	4x8	–	6x10	8x11	35º	76	3"	MSCFAN	**7515-8276-R48**
	4x10	–	6x11	8x12	40º	89	3 1/2"	MSCFAN	**7515-8289-R48**
Reaming bit									
	3x14	9x14	35°	127	5"	–	**7515-5627-S45**
	7x14	8x14	35°	152	6"	–	**7515-5652-S45**

Long hole drilling underground

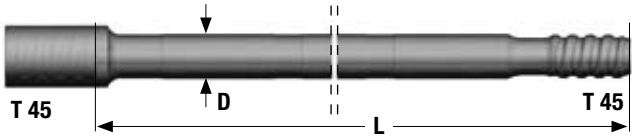
T45 (1 3/4")

Rods	Dimensions D						Part No.
	Bit dia. mm	L mm	ft	in	D mm	in	
Guide tube							
	76-89	1830	6'	–	63	2 31/64"	**7956-6318-21**



Female end Ø 63 mm / 76 mm

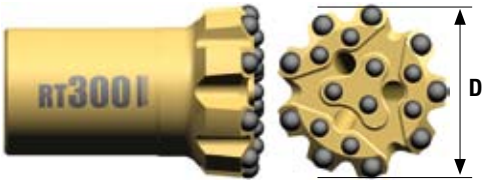
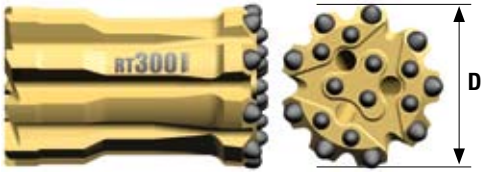
MF-rod, T45 - round 46 - T45						
	1525	5'	–	46	1 3/4"	**7325-7715C-20**
	1830	6'	–	46	1 3/4"	**7325-7718C-20**



Flushing hole Ø 17 mm. Female end Ø 63 mm

Long hole drilling underground

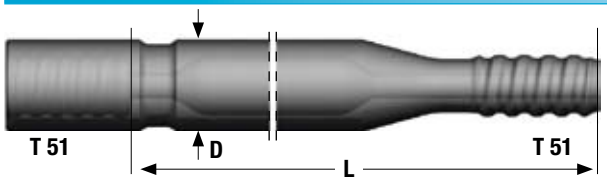
T51 (2")

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, regular skirt									
	4x10	–	5x13	8x13	35°	89	3 1/2"	HMCVAN	**7516-1889-S48**
	4x10	–	5x13	8x13	40°	89	3 1/2"	MSCAN	**7516-1889-R48**
	3x13	–	9x11	9x13	40°	102	4"	MSCAN	**7516-1902-R48**
	3x13	–	9x11	9x13	35°	102	4"	HMCVAN	**7516-1902-S48**
Button bit, Retrac									
	4x10	–	5x13	8x13	35°	89	3 1/2"	HMCFVAN	**7516-4889-S48**
	4x10	–	5x13	8x13	40°	89	3 1/2"	MSCFAN	**7516-4889-R48**
	3x13	–	9x11	9x13	40°	102	4"	MSCFAN	**7516-4902-R48**
	3x13	–	9x11	9x13	35°	102	4"	HMCFVAN	**7516-4902-S48**
Reaming bit									
			7x14	8x14	35°	152	6"	–	**7516-5652-S45**

Long hole drilling underground

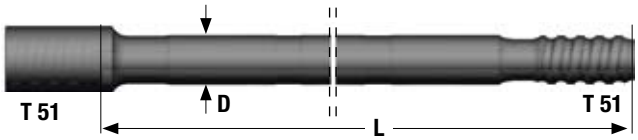
T51 (2")

Rods	Dimensions D						Part No.
	Bit dia. mm	L mm	ft	in	D mm	in	
Guide tube							
	89-102	1830	6'	–	76	3"	**7957-7618-20**



Female end Ø 76 / 87 mm

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



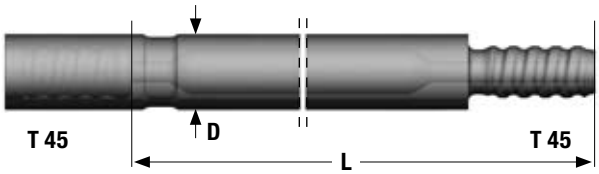
Flushing hole Ø 21.5 mm. Female end Ø 71 mm

Long hole drilling underground

T45 (1 3/4") tube drilling tools

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
XDC, button bit									
	4x7.5	–	6x10	8x11	35°	76	3"	HMCVA	**7525-8476-R65**

Tubes	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
Drill tube, T45 - Round 65 - T45						
	1525	5'	–	65	2 1/2"	**7985-6315-26**
	1830	6'	–	65	2 1/2"	**7985-6318-26**



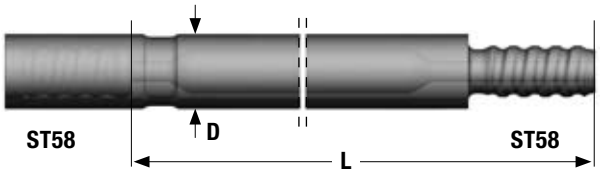
Flushing hole Ø 18 mm

T45 Tube

Long hole drilling underground

ST58 (2 1/4") tube drilling tools

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
XDC, button bit									
	4x10	–	6x12	8x12	35°	89	3 1/2"	HMCVA	**7528-8489-R65**
Button bit, Heavy Duty									
	2x15	–	6x12	8x14	35°	89	3 1/2"	HCV	**7528-6989-S65**
Reaming bit									
			7x14	8x14	35°	152	6"	–	**7528-5652-S65**

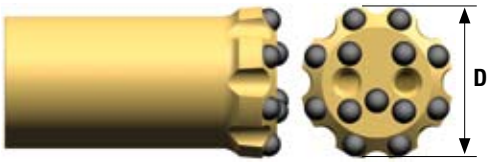
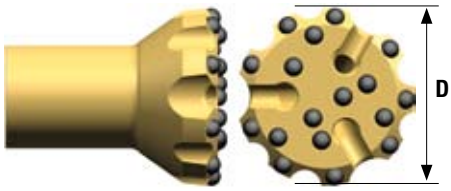
Tubes	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
Drill tube, ST58 - Round 76 - ST58						
	1525	5'	–	76	3"	**7378-7615-26**
	1830	6'	–	76	3"	**7378-7618-26**

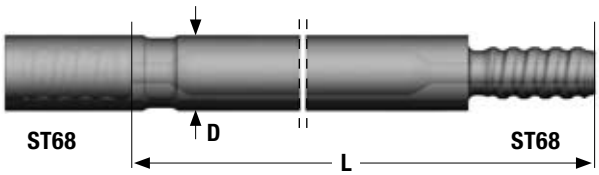
Flushing hole Ø 26 mm

ST58 Tube

Long hole drilling underground

ST68 (2 3/4") tube drilling tools

Bits	Flushinghole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
XDC, button bit									
	4x10	–	8x12	10x12	35°	102	4"	HMCVA	**7529-8402-R65**
	4x10	–	8x14	10x14	35°	115	4 1/2"	HMCVA	**7529-8415-R65**
Button bit, Heavy Duty									
	2x15	–	5x14	8x16	35°	102	4"	HCV	**7529-6902-S65**
XDC, button bit, guide									
	4x10	–	8x12	10x12	35°	102	4"	HMCVA	**7529-7302-R65**
	4x10	–	8x14	10x14	35°	115	4 1/2"	HMCVA	**7529-7315-R65**
Collaring bit									
	3x18	–	8x16	9x16	35°	152	6"	–	**7529-6652-S45**
Reaming bit									
			3x16	9x16	35°	152	6"	–	**7529-5652C-S65**

Tubes	Dimensions D					Part No.
	L mm	ft	in	D mm	in	
Drill tube, ST68 - Round 87 - ST68						
	1525	5'	–	87	3 1/2"	**7379-8715-26**
	1525	5'	–	87	3 1/2"	**7379-8715-46** !
	1830	6'	–	87	3 1/2"	**7379-8718-26**
	1830	6'	–	87	3 1/2"	**7379-8718-46** !

Flushing hole Ø 30 mm

! *Permanent back flow valve.*

ST68 Tube

Shank adapters

Shank adapters

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Hexagonal shank adapters 61

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Atlas Copco 67

Boart 70

Furukawa 71

Gardner-Denver, Ingersoll-Rand & Klemm 72

Montabert 73

SIG 74

Secoma 75

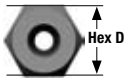
Toyo 76

Shank adapter dimensions:
Metric scale (mm)

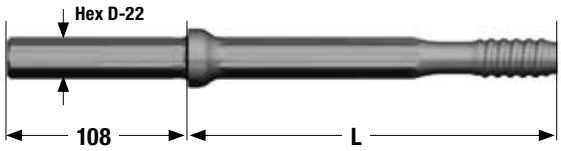
Rock drill categories:
BE = bench drilling
BO = bolting
DS = dimensional stone drilling
PD = production drilling underground (long hole drilling)
TU = drifting and tunneling

Shank adapters

Hexagonal shank adapters

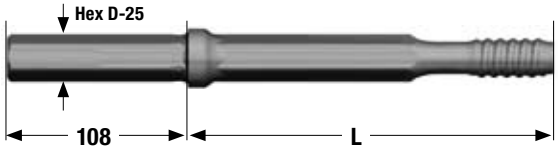


For hexagonal bushing 22 x 108 mm



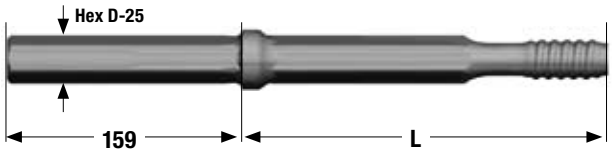
Flushing tube (mm)	Thread	Length (mm)	Part No.
4.5-5.0	R22	255	**7801-6103-13**
4.5-5.0	R23	255	**7807-6103-11** !
4.5-5.0	R25	255	**7802-6103-13**

For hexagonal bushing 25 x 108 mm



4.5-5.0	R23	255	**7807-7103-11** !
4.5-5.0	R25	255	**7802-7103-14**

For hexagonal bushing 25 x 159



8	R25	255	**7802-7503-20**

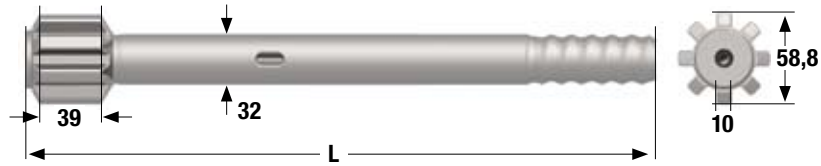
Hexagonal

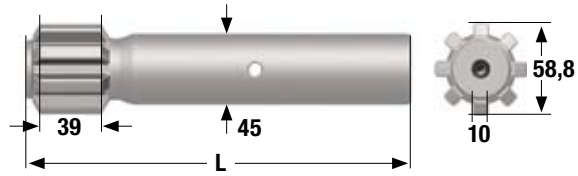
! *No packing. Not suitable for hydraulic machines with water flushing.*

Shank adapters

Sandvik

	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
HL 300					
	BE	–	R32	400	**7803-7549-01**
HL 300S					
	BO,TU	–	R28	245	**7809-7547-01**
	BO,TU	–	R32	245	**7803-7547-01**
L400, L410, L500, L510, L550					
	BO, PD, TU	10	R32	380	**7803-3602-30**
HLR 438L and HLR 438T					
	BE, TU	12.07	R32	380	**7803-4700-50**
	BE, TU	12.07	T38	400	**7304-4700-50**
HLR 438LS, 438TS, HL 538, HL538L, L550S					
	BE, PD, TU	–	R32	450	**7803-4700-01**
	TU	–	R38	450	**7804-4700-01**
	BE, PD, TU	–	T38	455	**7304-4700-01**
	BE	–	T38	545	**7304-4706-01**
HL 500-38 / 510-38					
	BE	–	R32	550	**7803-7535-02**
	BE	–	T35	550	**7307-7535-02**
	BE	–	T38	550	**7304-7535-02**
	BE	–	R38	550	**7804-7535-02**

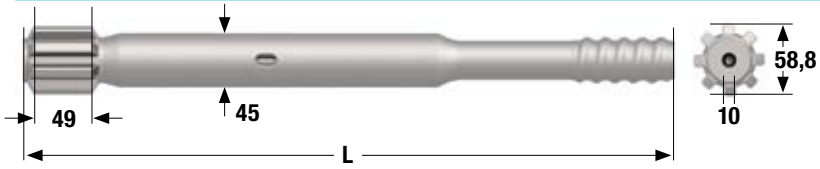
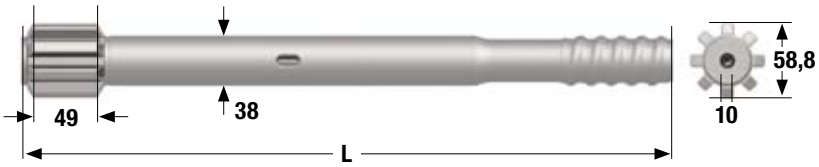
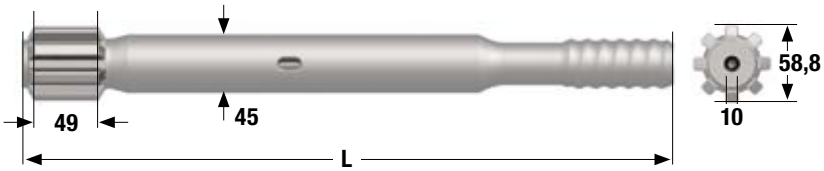
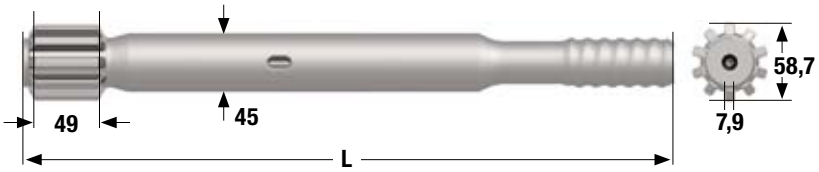
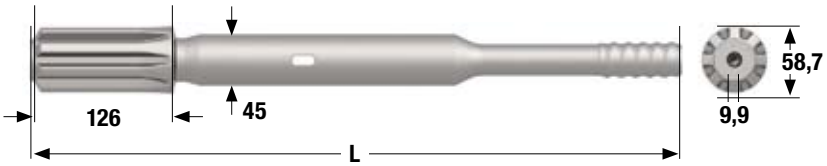




- 38 = For 38 mm front head, S=For underground drilling

Shank adapters

Sandvik

	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
HL 500-45 / 510-45					
	BE	–	T35	550	**7307-7557-01**
	BE	–	T38	550	**7304-7557-01**
	BE	–	T45	550	**7305-7557-01**
	BE	–	R32	550	**7803-7557-01**
HL 500 S-38 / 510 S-38 / 510 B / 510 LH					
	PD,TU	–	R32	460	**7803-7531-01**
	TU	–	R38	460	**7804-7531-01**
	PD,TU	–	T38	460	**7304-7531-01**
	TU	–	R38	500	**7804-7536-01**
	PD,TU	–	T38	500	**7304-7536-01**
HL 500 F / 510 F					
	BO	–	R32	350	**7803-7553-01**
HL 550 SUPER / 560 SUPER / 510 S-45					
	TU	–	T35	460	**7307-7566-01**
	PD,TU	–	T35	550	**7307-7557-01**
	TU	–	R38	500	**7804-7554-01**
	TU	–	T38	500	**7304-7554-01**
HLX 1					
	TU,BO	–	R23	235	**7807-7570-01**
	TU,BO	–	R25	255	**7802-7567-01**
HLX 5 / HLX 5T					
	TU	–	R32	500	**7803-7585-01**
	TU	–	T35	500	**7307-7585-01**
	TU	–	T38	500	**7304-7585-01**
	TU	–	R38	500	**7804-7585-01**
	BE	–	R32	575	**7803-7586-01**
	BE	–	T35	575	**7307-7586-01**
	BE	–	T38	575	**7304-7586-01**
	BE	–	T45	575	**7305-7586-01**
HLX5 PE-45					
	TU	–	R32	575	**7803-7664-01**
	TU	–	T38	575	**7304-7664-01**

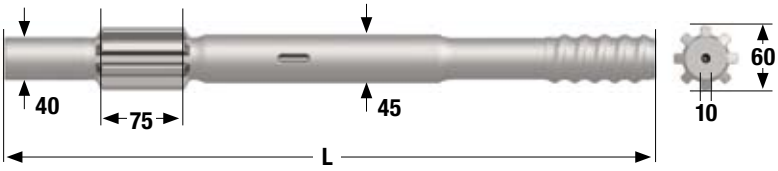
- 38, -45 = For 38 or 45 mm front head, S=For underground drilling

Sandvik

Shank adapters

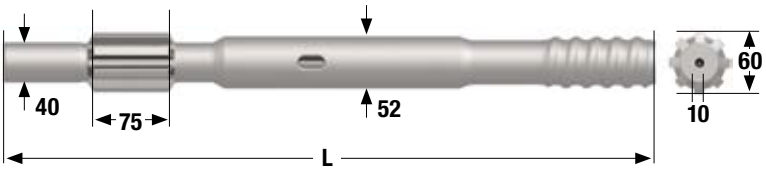
Sandvik

HL 600-45 / 600 S-45



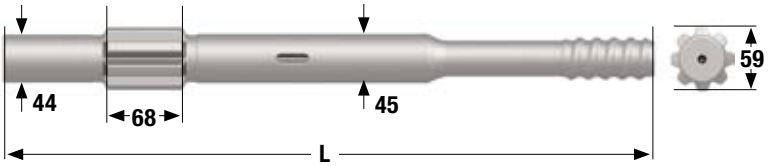
Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	R32	600	**7803-7532-01**
BE	–	T38	600	**7304-7532-01**
Tubes, BE	–	T45	600	**7305-7532-01**
TU,PD	–	T38	525	**7304-7537-01**
TU,PD	–	T45	525	**7305-7537-01**

HL 600-52



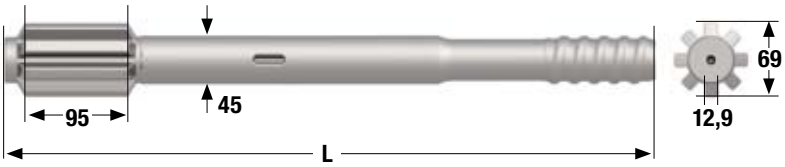
Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T45	650	**7305-7551-01**
BE	–	T51	650	**7306-7551-02**

HL 645



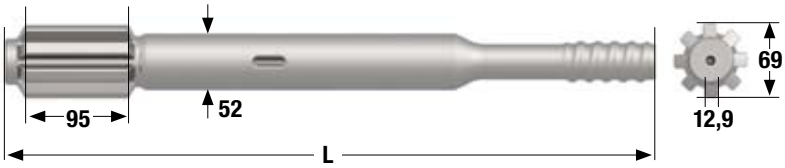
Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T38	600	**7304-7541-02**
BE	–	T45	600	**7305-7541-02**

HL 650-45 / 700-45 / 700T-45 / 710-45 / 800T-45



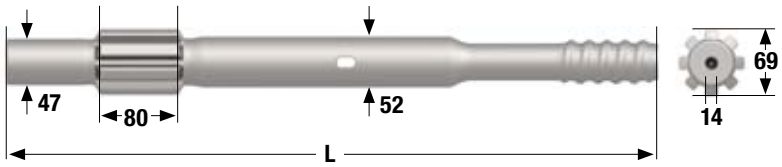
Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T38	600	**7304-7576-01**
BE	–	T45	600	**7305-7576-01**

HL 650-52, 700-52 / PE-52 / S-52, 710-52 / S-52 / PE-52 / SPE-52, 800T-52 / PE-52



Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE,PD	–	T38	600	**7304-7577-02**
BE	–	T45	600	**7305-7577-02**
BE	–	T51	600	**7306-7577-03**

HL 850S



Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE, PD	–	T45	670	**7305-7400-01**

-45, -52 = For 45 or 52 mm front head, PE= For Power Extractor rock drill (reverse hammering), S=For underground drilling

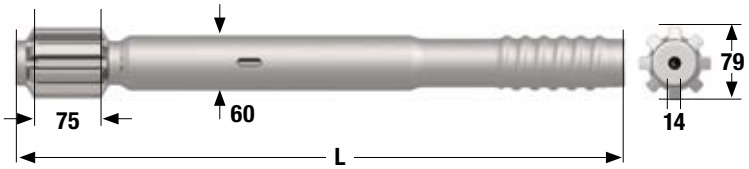
Shank adapters

Sandvik

HL 1000-52 / 1000 S-52

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T45	670	**7305-6010-01**
BE	–	T51	670	**7306-6010-02**
PD	–	T45	590	**7305-6008-01**
PD	–	T51	590	**7306-6008-01**

HL 1000-60



Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T51	670	**7306-6014-02**
BE	–	GT60	670	**7600-6014-02**

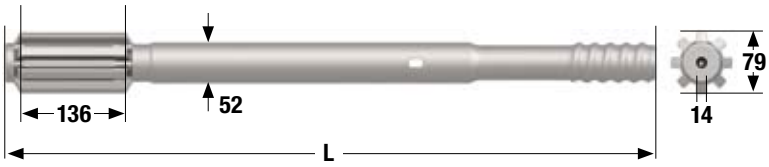
HL 1000-80, Shoulder drive

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	GT60	670	**7600-6031-01**

HL 1000 S-80 Tube drilling

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
PD	–	ST58	635	**7328-6009-02**
PD	–	ST68	640	**7329-6009-02**

HL 1000 PE-52



Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T51	840	**7306-6019-02**

Suited only for early drills with the long type of Power Extractor with 52 mm bearing diameter

HL 1000 PE-65 / HL 1500 PE-65 / HL 1560 T-65

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T51	760	**7306-6025-02**
BE	–	GT60	760	**7600-6025-02**

-52, -60, -65, -80 = For 52, 60, 65 or 80 mm front head, PE= For Power Extractor rock drill (reverse hammering), S=For underground drilling

Shank adapters

Sandvik

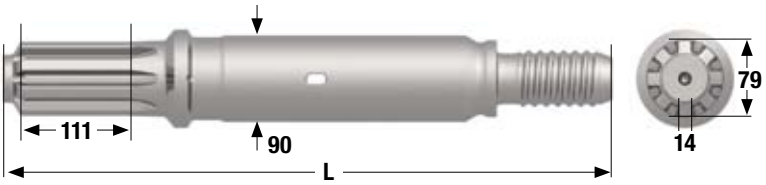
	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
HL 1500-52 / 1500 T-52					
	BE	–	T51	710	**7306-6021-02**

HL 1500-60 / 1500 T-60					
	BE	–	T51	760	**7306-6022-02**
	BE	–	GT60	760	**7600-6022-03**

HL 1500 T-80, Shoulder drive					
	BE	–	GT60	760	**7600-6030-01**

HL 1500 S-80 Tube drilling					
	PD	–	ST58	635	**7328-6020-01**
	PD	–	ST68	635	**7329-6020-01**

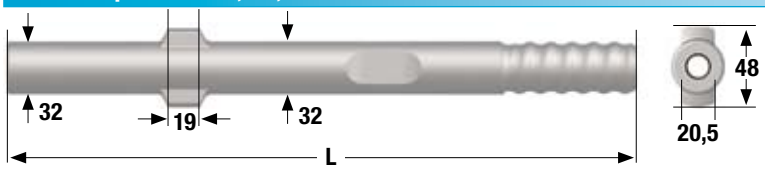
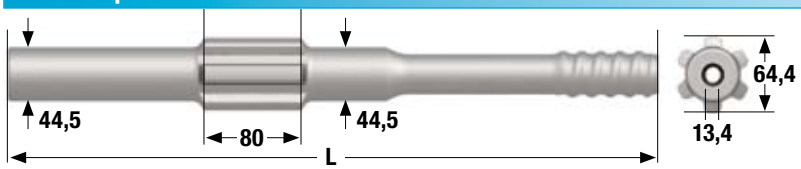
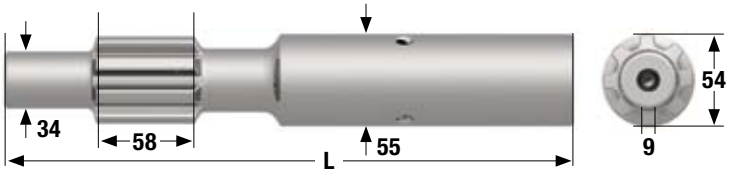
HL 1500 SPE-90 Tube drilling					
	PD	–	ST58	635	**7328-6035-01**
	PD	–	ST68	635	**7329-6035-01**
	BE	–	GT60	760	**7600-6032-01**



-52, -60, -65, -80, -90 = For 52, 60, 65, 80 and 90 mm front head, PE= For Power Extractor rock drill, S=For underground drilling, T= Drill with stabilizer

Shank adapters

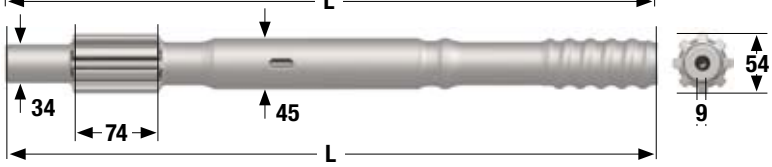
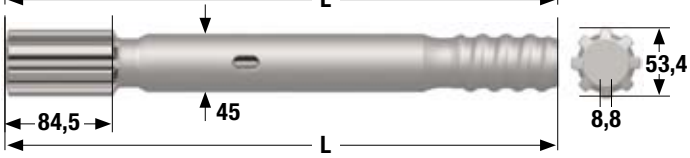
Atlas Copco

	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
Atlas Copco BBC 43, 44, 45 and 100					
	TU	10	R32	380	**7803-3100-30**
Atlas Copco BBC 51, 52, 54 and 120					
	TU	10	R32	380	**7803-4200-30**
	TU	10	T38	390	**7304-4200-30**
Atlas Copco BBE 57					
	BE	14	T38	537	**7304-7502-60**
Atlas Copco COP 125, 130 and 131					
	TU,BE,PD	14	T38	380	**7304-4500-60**
Atlas Copco COP 1032 HD					
	TU,BO	–	R32	340	**7803-3588-01**
	TU,BO	–	R38	340	**7804-3575-01**
Atlas Copco COP 1032					
	BE	–	T35	550	**7307-3576-01**

Atlas Copco

Shank adapters

Atlas Copco

	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
Atlas Copco COP 1032 LE					
	BE,DS	–	R32	550	**7803-3576-01**
Atlas Copco COP 1036/1038 HB					
	BE	–	R32	500	**7803-3591-01**
	BE	–	T38	500	**7304-3591-01**
	BE	–	T45	500	**7305-3591-01**
Atlas Copco COP 1038 HD/1238					
	TU	–	R32	485	**7803-3590-03**
	TU	–	R38	485	**7804-3590-03**
	TU	–	T38	485	**7304-3590-03**
Atlas Copco COP 1038 HL					
	BE,PD	–	R32	575	**7803-3593-01**
	BE,PD	–	T38	575	**7304-3593-01**
	BE,PD	–	T45	575	**7305-3593-01**
Atlas Copco COP 3038					
	TU	–	T38	435	**7304-3666-01**
	TU	–	T45	435	**7305-3667-01**
	TU	–	T35	440	**7307-3668-01**
	TU,PD	–	T35	525	**7307-3671-01**

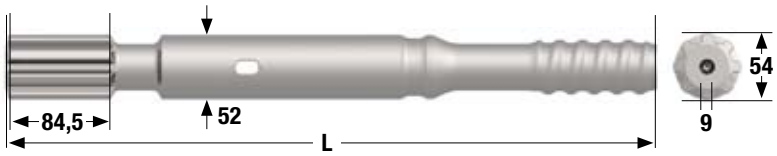
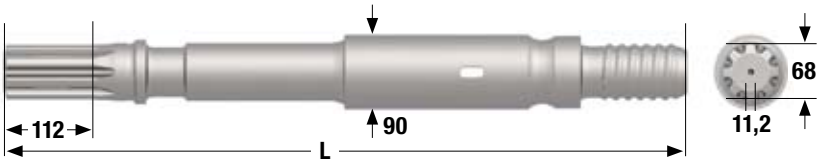
Shank adapters

Atlas Copco

	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
Atlas Copco COP 1238					
	BE	–	R32	500	**7803-3591-01**
	BE	–	T38	500	**7304-3591-01**
	TU	–	R38	485	**7804-3590-03**
	TU	–	T38	485	**7304-3590-03**
	BE	–	T45	500	**7305-3591-01**
	BE,PD	–	R32	575	**7803-3593-01**
	BE,PD	–	T35	575	**7307-3593-01**
	BE,PD	–	T38	575	**7304-3593-01**
	BE,PD	–	T38	575	**7304-3550-01**
	BE,PD	–	T45	575	**7305-3593-01**
Atlas Copco COP 1432, COP 1532, COP1440, COP1838 HD/ME					
	TU	–	R38	435	**7804-3652-01**
	TU	–	T35	435	**7307-3652-01**
	TU	–	T38	435	**7304-3652-01**
	TU	–	R32	435	**7803-3652-01**
	BO	–	R32	525	**7803-3656-01**
	BE	–	T35	525	**7307-3656-01**
	BO	–	T38	525	**7304-3656-01**
Atlas Copco COP 1432 Female					
	TU	–	R38	341	**7804-3670-02**
	TU	–	R32	341	**7803-3670-02**
Atlas Copco COP 1132					
	PD	–	R32	500	**7803-3583-01**

Shank adapters

Atlas Copco and Boart

	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
Atlas Copco COP 1550, COP 1838 ME/ HE					
	BE,PD	–	T38	525	**7304-3655-01**
	BE,PD	–	T45	525	**7305-3655-01**
	BE,PD	–	T51	525	**7306-3655-02**
Atlas Copco COP 1550 EX, COP 1838 EX					
	BE	–	T38	730	**7304-3825-02**
	BE	–	T45	730	**7305-3826-02**
Atlas Copco COP 1840 HE, COP 1850					
	BE,PD	–	T35	565	**7307-3690-01**
	BE,PD	–	T38	565	**7304-3690-02**
	BE,PD	–	T45	565	**7305-3690-02**
	BE,PD	–	T51	565	**7306-3690-03**
Atlas Copco COP 2150, COP 2550					
	BE	–	T51	770	**7306-3692-01**
Atlas Copco COP 2160, COP 2560					
	BE	–	T51	770	**7306-3689-01**
Atlas Copco COP 4050 EX					
	PD	–	ST68	805	**7329-3716-01**
Atlas Copco COP 4050 MUX					
	PD	–	ST68	835	**7329-3720-01**
Boart HD 125, HD 150, HD 160					
	TU	–	R38	495	**7804-4993-01**
	TU	–	T38	495	**7304-4993-01**

Shank adapters

Furukawa

Furukawa M 120 and PD 200

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	14	R32	330	**7803-7500-61**
BE	14	T38	380	**7304-7543-60**
BE	14	T38	446	**7304-7500-60**

Furukawa PD 200R

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	14	T38	484	**7304-7581-60**

Furukawa HD 260, HD 300

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	16	T38	655	**7304-7526-80**
BE	16	T45	655	**7305-7526-80**

Furukawa HD 609

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T38	620	**7304-4791-01**
BE	–	T38	690	**7304-4780-01**
BE	–	T45	620	**7305-4791-01**

Furukawa HD 612

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T45	710	**7305-7414-01**

Furukawa HD 709

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T38	620	**7304-7426-01**

Furukawa HD 712

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T45	788	**7305-7417-01**

Shank adapters

Gardner-Denver, Ingersoll-Rand and Klemm

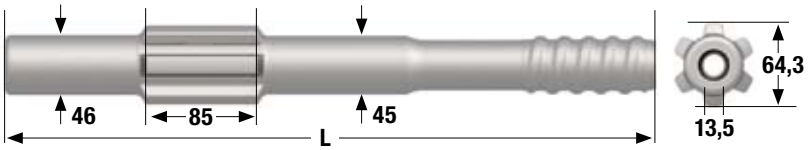
Gardner-Denver PR 123

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
TU,BE	14	R32	330	**7803-7500-61**
TU,BE	14	R32	380	**7803-7543-60**
TU	14	R38	350	**7804-7500-60**
TU,BE	14	T38	446	**7304-7500-60**
TU,BE	14	T38	380	**7304-7543-60**

Ingersoll-Rand URD 475, URD 550, VL120, EVL 130, VL140 and F16

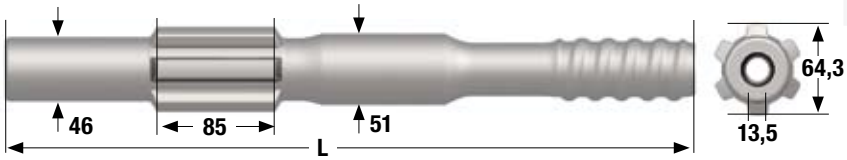
BE	14	R32	330	**7803-7500-61**
BE	14	R32	380	**7803-7543-60**
BE	14	T38	380	**7304-7543-60**
BE	14	T38	446	**7304-7500-60**

Ingersoll-Rand YH 65, YH 80



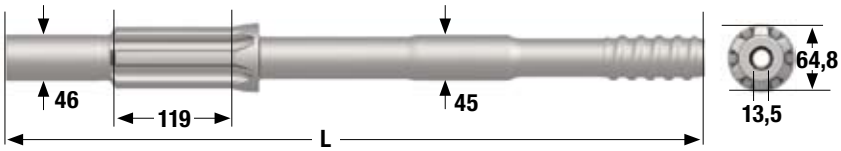
BE	19	T38	495	**7304-7525-19**
BE	19	T45	500	**7305-7525-19**

Ingersoll-Rand YH 80 A



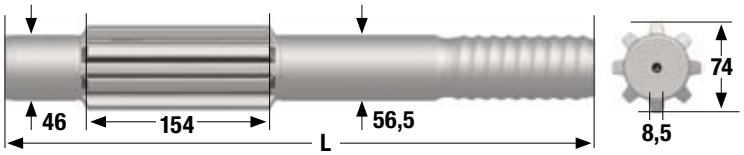
BE	19	T45	495	**7305-7559-19**

Ingersoll-Rand YH 65 RP, YH 70 RP, YH 75 RP, YH 80 RP



BE	19	T45	700	**7305-7546-19**

Klemm 4053



BE	–	R55	500	**7805-6015** [1]
BE	–	R55	500	**7805-7015** [2]

[1] *LH-Rotation*
[2] *RH-Rotation*

G - K

Shank adapters

Montabert

Montabert HC40

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	R32	447	**7803-4725-01**
BE	–	R38	447	**7804-4725-01**

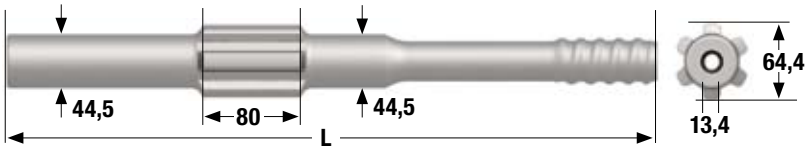
Montabert HC40 (female)

Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
TU, BO	–	R32	270	**7803-4726-01**

Montabert HC 80, HC 90, HC 105

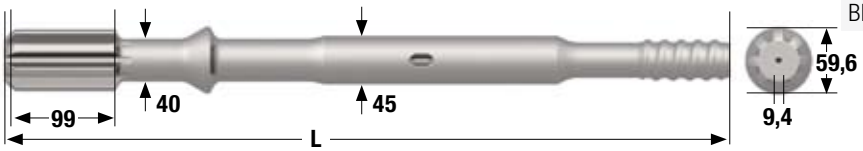
Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
TU	–	R38	440	**7804-4720-01**
TU	–	T38	440	**7304-4720-01**
TU	–	T38	500	**7304-4723-01**

Montabert H 100



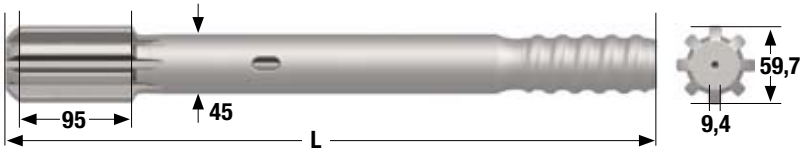
Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	14	T38	537	**7304-7502-60**

Montabert HC 80R, HC 105R, HC 107R, HC 108R, HC 109R



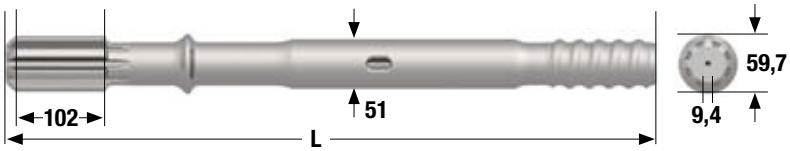
Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T38	670	**7304-7544-01**

Montabert HC 80, HC 120



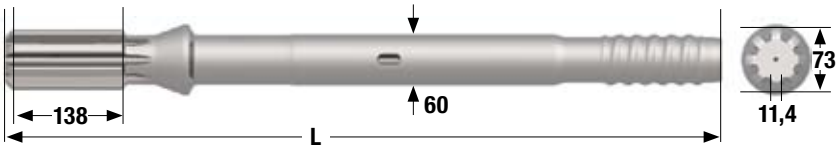
Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T45	490	**7305-7520-01**

Montabert HC 120R, HC 150R, HC 155R, HC 158R



Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T51	670	**7306-7528-02**

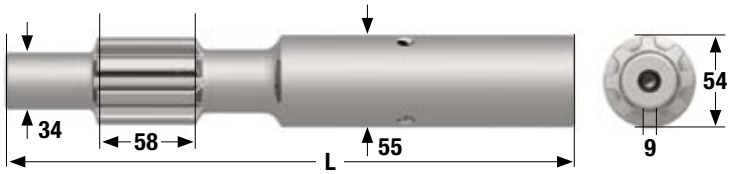
Montabert HC 200A



Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
BE	–	T51	840	**7306-7530-02**
BE	–	GT60	840	**7600-7530-02**

Shank adapters

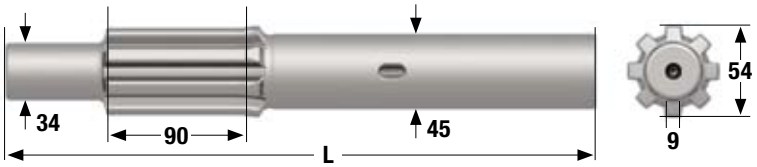
SIG

	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
SIG HBM 50, 100 and 120					
	BO	–	R32	340	**7803-3588-01**
SIG HBM 100 and 120					
	TU, BO	–	R38	340	**7804-3575-01**
SIG HBM 50, 100 and 120					
	BE, DS	–	R32	550	**7803-3576-01**
SIG 101					
	BE	–	R32	500	**7803-3591-01**

SIG

Shank adapters

Secoma

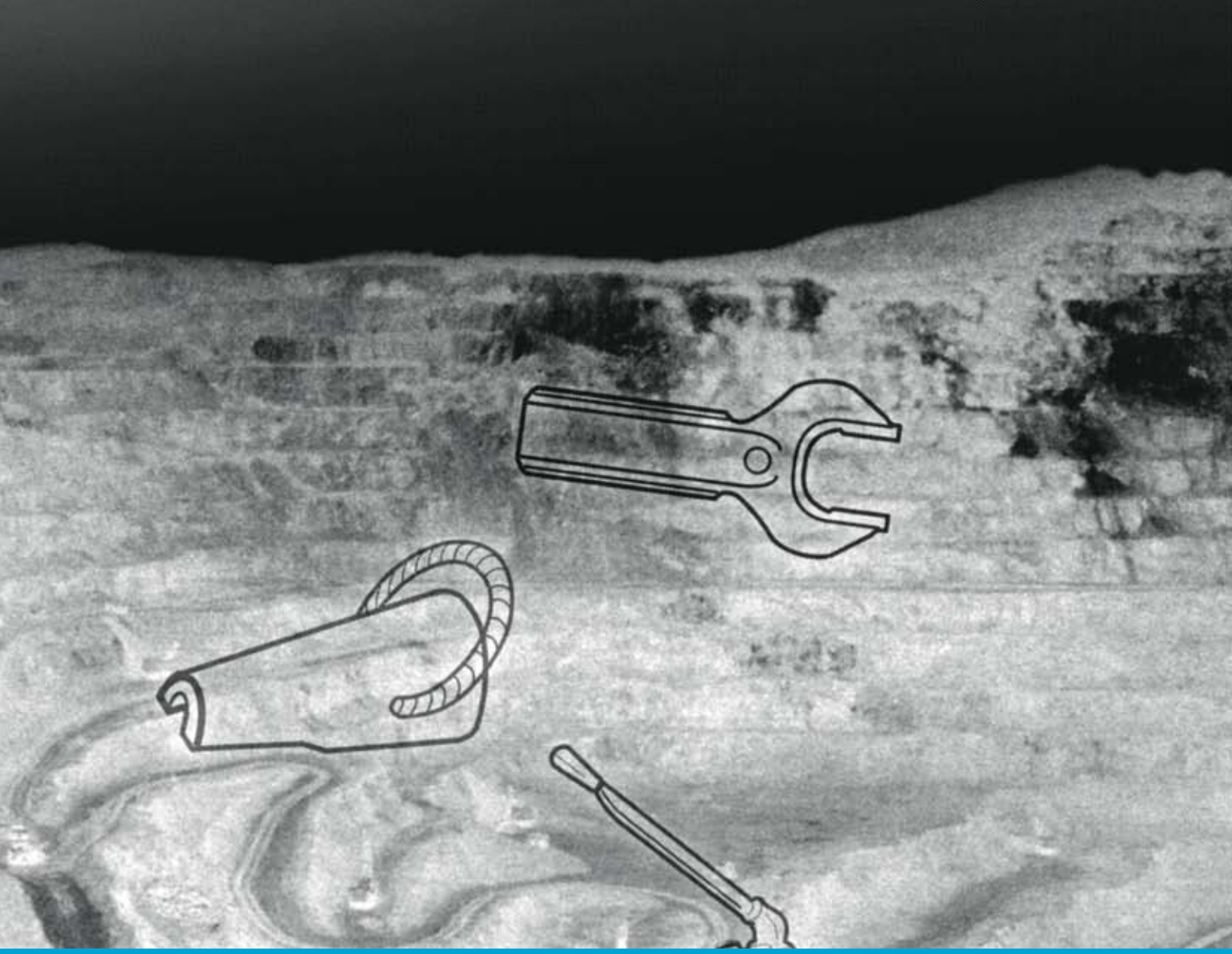
	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
Secoma Hydrastar 200					
	TU,BO	–	R32	351	**7803-4703-01**
Secoma Hydrastar 200, 300 and X2					
	TU	–	R32	485	**7803-3590-03**
	TU	–	R38	485	**7804-3590-03**
	TU	–	T38	485	**7304-3590-03**
Secoma Hydrastar 350					
	BE	–	R32	500	**7803-3591-01**
	TU	–	R38	485	**7804-3590-03**
	BE	–	T38	500	**7304-3591-01**

Shank adapters

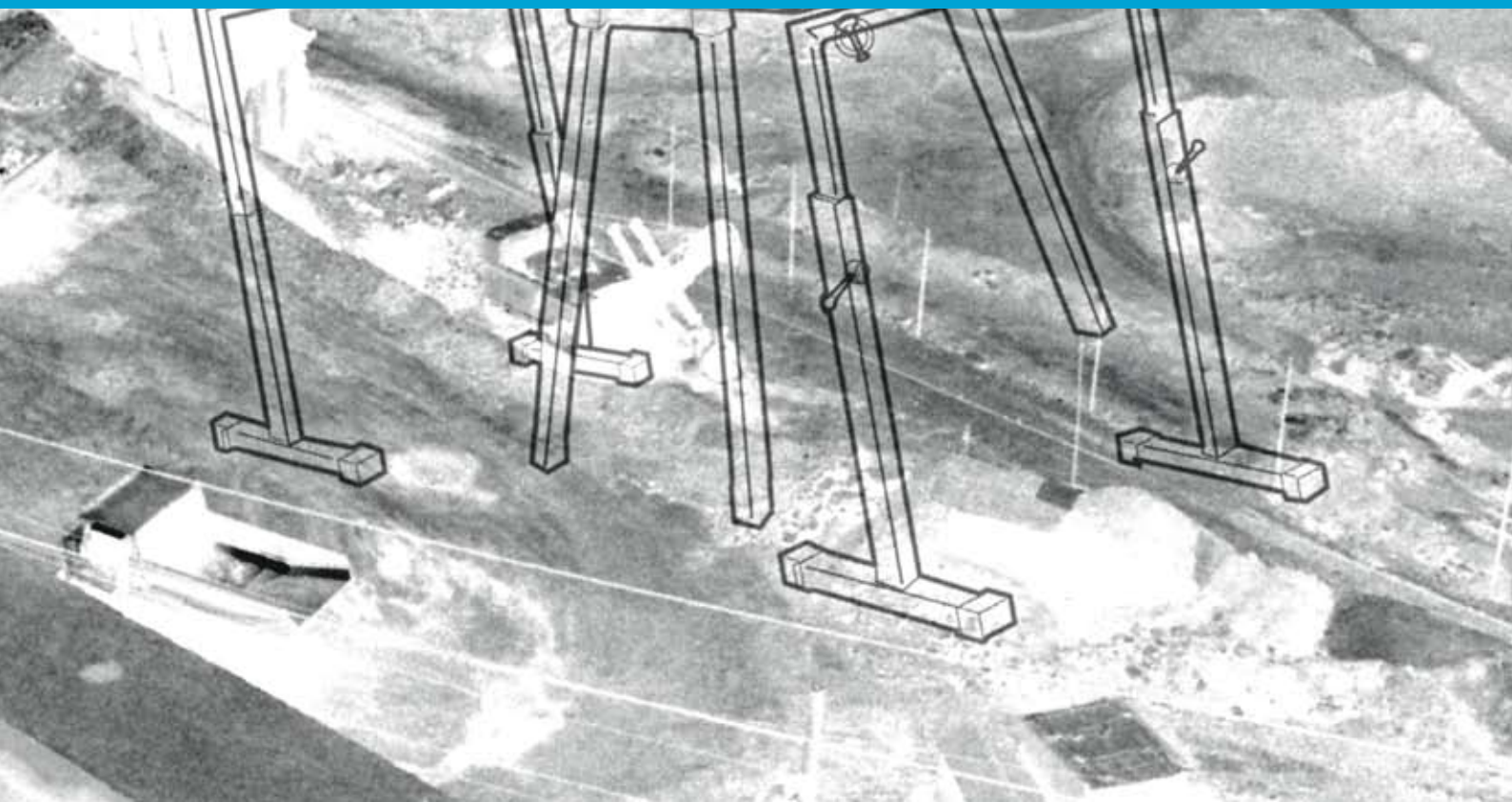
Toyo

	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
Toyo PR 220					
	BE	14	R32	330	**7803-7500-61**
	BE	14	T38	446	**7304-7500-60**

	Application	Flushing hole (mm)	Thread	Length (mm)	Part No.
Toyo TH 501					
	BE	11	T38	565	**7304-7583-40**



Auxiliary tools



Auxiliary tools

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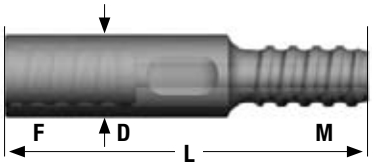
Bit adapters 79
Reduction couplings 79
Wrenches 80
Knock-off tools / fishing tools 80
Thread grease and gauges 81
Drill steel straightener 81

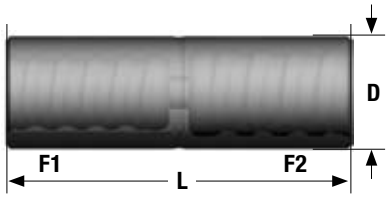
Auxiliary tools

Bit adapters



Wrench flat (mm)	Threads F (Female)	Threads M (Male)	Dimensions L (mm)	Dimensions L (in)	Dimensions D (mm)	Dimensions D (in)	Part No.
28,5	**R23**	R32	200	7 7/8”	35	1 3/8”	**7837-3301**
38	**R25**	R32	173	6 13/16”	45	1 3/4”	**7832-3301**
38	**R28**	R32	230	9 1/16”	40	1 37/64”	**7839-3301**
38	**R32**	T38	225	8 55/64”	45	1 49/64”	**7833-4401**
38	**R32**	R38	225	8 55/64”	45	1 49/64”	**7833-4301**
38	**T35**	T38	250	9 27/32”	48	1 7/8”	**7337-4401**
44,5	**R38**	R32	270	10 41/64”	55	2 5/32”	**7834-3303**
44,5	**R38**	T38	245	9 21/32”	55	2 5/32”	**7834-4401**
44,5	**T38**	R32	270	10 41/64”	57	2 1/4"	**7334-3301**
44,5	**T38**	T45	285	11 7/32"	57	2 1/4"	**7334-5401**
44,5	**T38**	R38	280	11 1/32”	57	2 1/4”	**7334-4301**
38	**T45**	T38	265	10 7/16"	63	2 31/64"	**7335-4401**
44,5	**T45**	T51	285	11 7/32"	63	2 31/64"	**7335-6401**
44,5	**T51**	T45	285	11 7/32"	71	2 51/64"	**7336-5401**

Reduction couplings

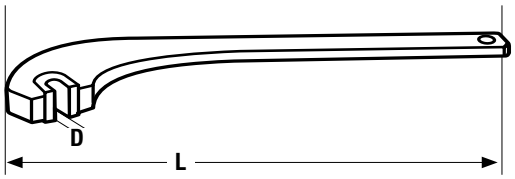


Threads F1	Threads F2	Dimensions L (mm)	Dimensions L (in)	Dimensions D (mm)	Dimensions D (in)	Part No.
R32	**R28**	165	6 1/2”	44	1 47/64”	**7993-0444**
R32	**R25**	160	6 1/4”	43	1 11/16”	**7993-2443**
R38	**R32**	170	6 3/4”	55	2 5/32”	**7994-3455**
T38	**R32**	195	7 11/16”	55	2 5/32”	**7314-3555**
T38	**R38**	185	7 9/32”	55	2 5/32”	**7314-4455**
T38	**T45**	200	7 7/8”	58	2 9/32"	**7314-6258**
T38	**T45**	220	8 43/64”	61	2 13/32”	**7314-6261**
T51	**T45**	218	8 19/32”	71	2 51/64”	**7316-6271**

Auxiliary tools

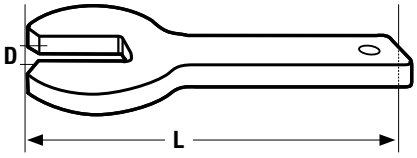
Wrenches and knock-off tools

For integral drill steels and shank rods



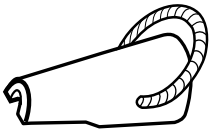
	Dimensions L (mm)	L (ft)	L (in)	D (mm)	D (in)	Part No.
Hex 22	600	1'	11 5/8"	22	7/8"	**795-1408**

For extension rods



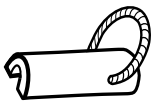
Hex 25, Round 32	300	-	11 13/16"	25	1"	**795-1431**
Hex 32, Round 39	370	1'	2 9/16"	32	1 1/4"	**795-1432**
Round 46	370	1'	2 9/16"	38	1 1/2"	**795-1494**
DTH	380	1'	2 31/32"	65	2 7/12"	**795-1495**

Knock-off-tools for Hex 22 and Hex 25



Pilot rods, type 7922-XXXX-XX	-	-	-	-	-	**795-1469**

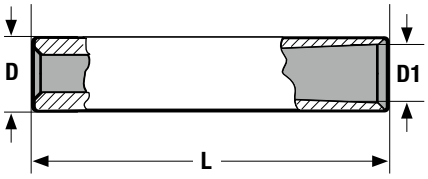
Knock-off-tools for tapered bits



Hex 22	-	-	-	-	-	**795-1467**

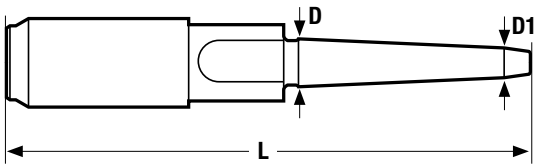
Fishing tools

Fishing sleeve



	Dimensions (mm) D	D1	L	Thread	Part No.
R32 round/Hex. rods/coupling sleeves	49	47,2	300	R32	**795-1604A**
R38 round rods/coupling sleeves	60	–	353	R38	**795-1605**
T35 round rods/coupling sleeves	52	50	284	T35	**795-1613**
T38 round rods/coupling sleeves/MF-rods	61	58,2	353	T38	**795-1607A**
T45 round rods/coupling sleeves/MF-rods	71	68	393	T45	**795-1608**
T51 round rods/coupling sleeves/MF-rods	82	78,2	440	T51	**795-1609A**
GT60 rods	92	87,5	450	GT60	**795-2601**
GT60 rods	89	84.5	450	GT60	**795-2603**
ST68 tubes Ø87	102	92	410	ST68	**795-1696**

Fishing pike



R32 rods 1)	19.4	4	280	R32	**795-1606**
T38 rods 2)	19.4	8	237	T38	**795-1676**
T45 rods 2)	25	8	275	T45	**795-1681**
T51 rods 2)	27	15	285	T51	**795-1690**
ST58 tubes Ø76 2)	57	24	500	ST58	**795-1699**
ST68 tubes Ø87 2)	71	32	541	ST68	**795-2600**

1) *Without flushing hole*
2) *With flushing hole*

Auxiliary tools

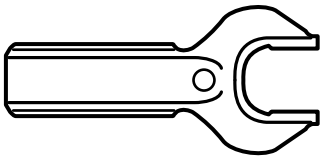
Thread grease

Thread grease

	Dimensions D (mm)	Dimensions L (mm)	Dimensions Weight (kg)	Part No.
Can	215	170	4,5	**795-1960**
Can	300	380	18	**795-1961**
Tube	53/57	235	0,4	**795-1962**
Low temp. Can	300	380	18	**795-1963**
Barrel	370	690	50	**795-1967**
Barrel	610	870	240	**795-1964**

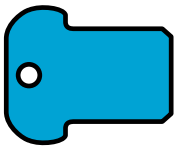
Gauges

Gauges / Wear gauge for male and female threads



Thread / Hex	Part No.
R22	**795-1331**
R25	**795-1332**
R28	**795-1367**
R32	**795-1333**
R38	**795-1334**

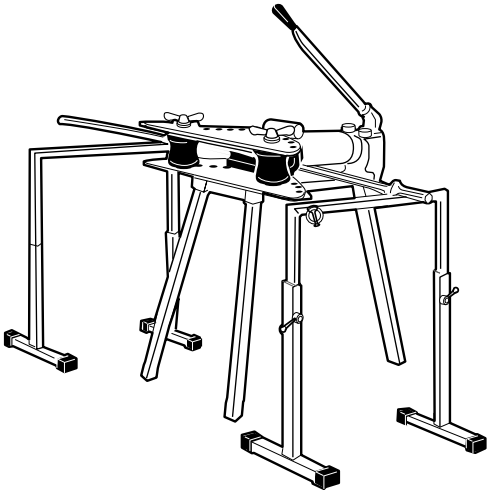
Gauges / Chuck wear gauge



Hex 19	**795-2301-19**
Hex 22	**795-2301-22**
Hex 25	**795-2301-25**

Drill steel straightener

Drill steel straightener for Hex19 to Round 52



Prod. Info	Part No.
Manual/Hydraulic	**796-2930**
Electric/Hydraulic, 380V/50Hz	**796-2930-52**
Support leg, 1 piece	**796-2931**

Information

Small hole drilling tools

	Third figure group
Integral steels with reduced width of bit (small gauge steel)	xxx-xxxx-50
Integral steels with reduced width of bit, + tolerance (small gauge steel)	xxx-xxxx-5005
Integral steels, Premium plus, H22, insert height 19 mm	xxx-xxxx-65
Shank rod, drilled for flushing tube 4.5-5 mm, packing	xxxx-xxxx-13
Shank rod, drilled for flushing tube < 7 mm, no packing	xxxx-xxxx-11
Tapered rod, drilled for flushing tube < 7 mm, carburized	xxxx-6xxx-11
Tapered rod, drilled for flushing tube < 7 mm, HF- hardened	xxxx-11xx-11
Cross bit, cemented carbide grade 42	xxxx-xxxx-42
Tapered button bits, cemented carbide grade XT48 with ballistic buttons	xxxx-xxxx-B48

Drifting and tunneling tools

	Third figure group
Cross bits, cemented carbide grade 42	xxxx-xxxx-42
Button bits, cemented carbide grade XT48 with spherical buttons	xxxx-xxxx-S48
Button bits, cemented carbide grade XT48 with ballistic buttons	xxxx-xxxx-R48
Button bits, cemented carbide grade DP 65 with spherical buttons	xxxx-xxxx-S65
Button bits, one extra hole for side flushing	xxxx-xxxxA-xxx
Rods, carburized	xxxx-xxxx-20

Bench drilling tools

	Third figure group
Insert bits, cemented carbide grade 11	xxxx-xxxx-11
Insert bits, cemented carbide grade 42	xxxx-xxxx-42
Button bits, cemented carbide grade XT48, with spherical buttons	xxxx-xxxx-S48
Button bits, cemented carbide grade XT48, with ballistic buttons	xxxx-xxxx-R48
Button bits, cemented carbide grade DP 65, with spherical buttons	xxxx-xxxx-S65
Extension rod, Guide tube, carburized	xxxx-xxxx-20
Extension rod, HF- hardened	xxxx-xxxx-30
MF-rod, for surface drilling	xxxx-xxxx-70

Information

Long hole drilling tools

	Third figure group
Insert bits, cemented carbide grade 11	xxxx-xxxx-11
Insert bits, cemented carbide grade 42	xxxx-xxxx-42
Button bits, cemented carbide grade XT48, with spherical buttons	xxxx-xxxx-S48
Button bits, cemented carbide grade XT48, with ballistic buttons	xxxx-xxxx-R48
Button bits, cemented carbide grade DP 65, with spherical buttons	xxxx-xxxx-S65
Button bits, cemented carbide grade DP 65, with ballistic buttons	xxxx-xxxx-R65
Extension rod, carburized	xxxx-xxxx-20
Drill tube, carburized	xxxx-xxxx-26
Drill tube, carburized, with permanent back flow valve	xxxx-xxxx-46
MF-rod, carburized	xxxx-xxxx-20

Bit classification code

H: Very hard to hard rock ..... > 2500 bar (250 MPa)
M: Medium hard rock..... 1500-2500 bar (150-250 MPa)
S: Soft rock ..... < 1500 bar (150 MPa)

C: Homogeneous (competent) rock
F: Fissured rock

V: Very abrasive rock ..... > 40% silica
A: Abrasive rock ..... 20-40% silica
N: Non-abrasive rock ..... 0-20% silica

Information

Grinding of Cemented Carbide

Grinding or heating a cemented carbide product will produce dust or fumes of hazardous ingredients which can be inhaled, swallowed or come in contact with the skin or eyes.

The limiting ingredient in cemented carbide is, from a health and safety point of view, Cobalt. Another hazardous ingredient is Tungsten Carbide.

Cobalt is classified as harmful - may cause sensitization by inhalation or skin contact. Inhalation or skin contact may also cause irritation.

Sensitive persons may experience an allergic reaction. Repeated inhalation of aerosols containing Cobalt may cause obstruction in the respiratory organs. Long term inhalation of increased concentrations may cause permanent disease.

Precautions

- Avoid formation and inhalation of dust.
- Wet grinding is recommended instead of dry grinding.
- Always use Exhaust Ventilation which is adequate to limit personal exposure well below the Occupational Exposure Limits.
- Use Respiratory Protection if ventilation is not available or adequate.
- Use Safety Goggles when necessary.
- Wear suitable Gloves and Protective Clothing.

Numerical index with weight table

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714-0641-65	2,5	6
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714-0833-65	3,0	6
714-0834-65	3,0	6
714-0840-65	3,0	6
714-1232-65	4,2	6
714-1234-65	4,2	6
714-1240-65	4,2	6
714-1628-50	5,4	6
714-1631	5,4	6
714-1633-65	5,4	6
714-1639-65	5,4	6
714-1833-65	6,0	6
714-1839-65	6,0	6
714-2030	6,6	6
714-2033-65	6,6	6
714-2427-50	7,9	6
714-2432-65	7,9	6
714-2438-65	7,9	6
714-3231	10,3	6
714-3237-65	10,2	6
714-4030	12,7	6
714-4036-65	12,7	6
714-4829	15,2	6
714-4835-65	15,1	6
714-5628-50	17,6	6
714-5634-65	17,6	6
714-6427-50	20,1	6
714-6433-65	20,1	6
714-7226-50	22,5	6
714-7232-65	22,5	6
714-8026-50	24,7	6
714-8825-5005	27,0	6
714-9625-5005	29,5	6
721-1517	0,6	11
721-1620	0,7	11
721-1622	0,7	11
721-1922	0,8	11
721-2020	0,8	11
721-2420	0,8	11
721-2820	0,9	11
721-3120	1,0	11
724-0424	1,3	5
724-0429	1,3	5
724-0627	1,7	5
724-0823	2,1	5
724-0828	2,2	5

Part No.	Weight (kg)	Page
724-1226	3,0	5
724-1627	3,9	5
724-2426	5,7	5
728-0424	1,4	5
728-0429	1,4	5
728-0828	2,3	5
728-1627	3,9	5
7304-3550-01	5,4	69
7304-3590-03	4,1	68, 69, 75
7304-3591-01	4,8	68, 69, 75
7304-3593-01	4,7	68, 69
7304-3652-01	3,8	69
7304-3655-01	0,0	70
7304-3656-01	4,4	69
7304-3666-01	3,9	68
7304-3690-02	6,7	70
7304-3825-02	9,9	70
7304-4200-30	3,0	67
7304-4500-60	2,8	67
7304-4700-01	4,0	62
7304-4700-50	3,3	62
7304-4706-01	4,7	62
7304-4720-01	3,8	73
7304-4723-01	4,1	73
7304-4780-01	6,3	71
7304-4791-01	6,0	71
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7327-4749-20	40,1	29
7327-5243-20	35,0	29
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7766-5248A-S48	0,8	25
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7788-5235-B48	0,3	10
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7804-7585-01	5,3	63	**7853-5112-20**	7,5	48	**7922-6124-11**	7,9	7
7805-6015	10,4	72	**7853-5115-20**	9,0	48			
7805-7015	10,4	72	**7853-5118-20**	11,0	48	**795-1331**	0,2	81

Numerical index with weight table

Part No.	Weight (kg)	Page	Part No.	Weight (kg)	Page	Part No.	Weight (kg)	Page
795-1332	0,3	81						
795-1333	0,4	81						
795-1334	0,4	81						
795-1367	0,3	81						
795-1408	3,1	80						
795-1431	3,5	80						
795-1432	3,5	80						
795-1467	1,0	80						
795-1469	4,4	80						
795-1494	3,5	80						
795-1495	5,2	80						
795-1604A	1,9	80						
795-1605	3,9	80						
795-1606	0,6	80						
795-1607A	3,9	80						
795-1608	6,0	80						
795-1609A	8,4	80						
795-1613	1,7	80						
795-1676	0,9	80						
795-1681	1,5	80						
795-1690	2,0	80						
795-1696	10,9	80						
795-1699	4,9	80						
795-1960	4,9	81						
795-1961	18,0	81						
795-1962	0,6	81						
795-1963	18,0	81						
795-1964	240,0	81						
795-1967	50,0	81						
795-2301-19	0,0	81						
795-2301-22	0,0	81						
795-2301-25	0,0	81						
795-2600	7,9	80						
795-2601	10,2	80						
795-2603	9,9	80						
7953-4618-20	16,0	48						
7953-4631-20	24,0	34						
7955-5618-20	24,0	51						
7955-5637-20	48,0	37						
7956-6318-21	28,0	53						
7956-6337-70	46,0	39						
7956-7637-70	77,5	39						
7957-7618-20	40,0	55						
7957-7637-70	76,0	41						
7957-8737-70	89,0	41						
796-2930	50,0	81						
796-2930-52	60,0	81						
796-2931	5,0	81						

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