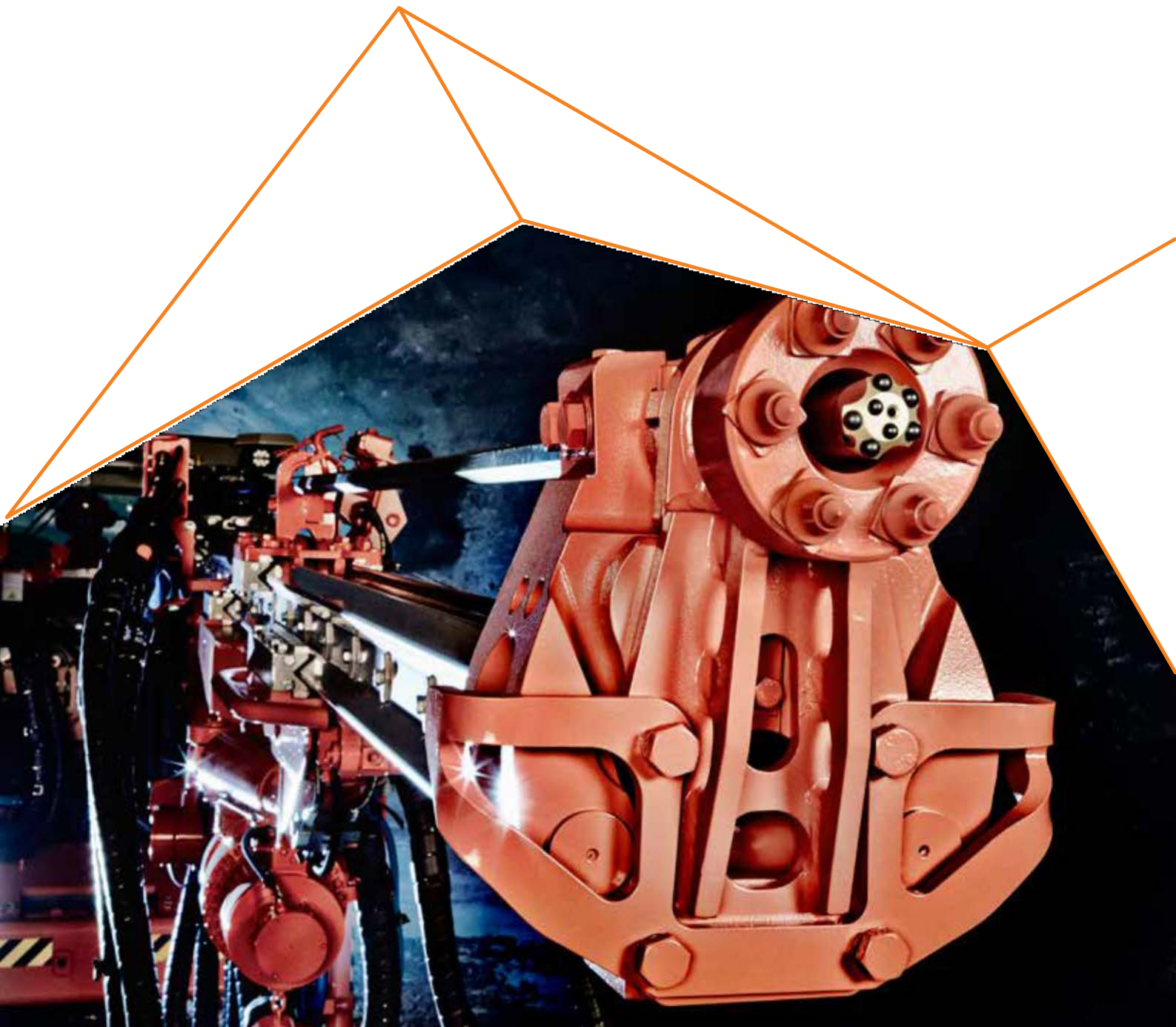


OUR INNOVATION YOUR PROFITABLE PRODUCTION

ROCK DRILLING TOOLS PRODUCT CATALOG



Increase service life and extend productivity

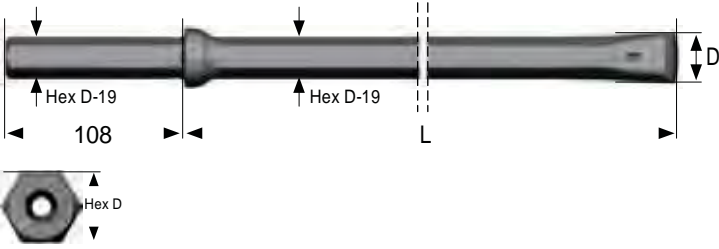
Sandvik drill steel has high fatigue strength, toughness and offers high wear resistance giving an efficient and economic drilling operation. The unique wear resistant carbide grade in our integral drill steel, in combination with the generous carbide volume, provides extended service life in all applications. Our unique R23 rods and bits for extension drilling provide the strongest thread in hole sizes 33 - 45 mm. For the most aggressive applications we have fully carburized rods with superior wear resistance and service life. In fact working with Sandvik means that you can expect consistent high quality and maximum operational dependability when it comes to all small hole drilling applications.

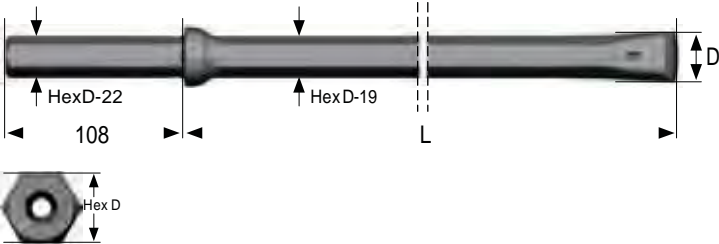
H19 (3/4) INTEGRAL DRILL STEELS	18
H22 (7/8") INTEGRAL DRILL STEELS	19
REAMING TOOLS	20
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R25 (1") EXTENSION DRILLING TOOLS	38



Small hole drilling

HI9 (3/4") Integral drill steels

	Dimensions D					Part No.	
	Series	L mm	ft	in	D mm		in
Shank 19 x 108 mm (3/4" x 4 1/4")							
	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	

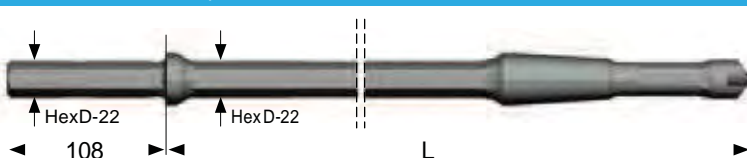
Shank 22x108 mm (7/8" x 4 1/4")

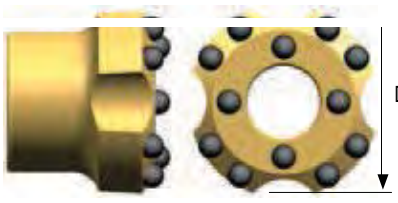


11	800	2'	7"	34	1 11/32"	714-0834-65
	1600	5'	3"	33	1 19/64"	714-1633-65
	2400	7'	10"	32	1 1/4"	714-2432-65
	3200	10'	6"	31	1 7/32"	714-3231
	4000	13'	1"	30	1 3/16"	714-4030
	4800	15'	9"	29	1 9/64"	714-4829
	5600	18'	4"	28	1 7/64"	714-5628-50
	6400	21'	-	27	1 1/16"	714-6427-50
	7200	23'	8"	26	1 1/32"	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

	Dimensions D					Part No.
	L	mm	ft	in	D	
Pilot rod, Hex 22, 6° taper						
	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
	2400	8'	2 1/2"	26	1 1/32"	7922-6124-11

	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-S48
	4x10	8x10	30°	76	3"	7722-4876-S48
	6x10	8x10	30°	89	3 1/2"	7722-4889-S48

Small hole drilling

H22 Tapered tools, 12° taper

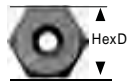
Bits	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in	
Button bit								
	1x5	1x5	1x7	4x7	35°	28	1 1/8"	7795-6428-B48
	1x5	1x5	1x7	4x7	35°	30	1 3/16"	7795-6430-B48
Button bit								
	2x4	1x4	2x7	5x7	40°	32	1 1/4"	7795-5232-B48
	2x4	1x4	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	1x4	2x7	5x7	40°	33	1 9/64"	7770-5233-B48
	2x4	1x4	2x7	5x8	35°	35	1 3/8"	7770-5235-B48
Button bit								
	1x4	1x6	2x7	5x7	35°	33	1 9/64"	7770-4433-B48
	1x5	1x5	2x7	5x7	35°	35	1 3/8"	7770-4435-B48
Button bit								
	2x4	1x4	6x7	2x7	40°	33	1 9/64"	7770-5433-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

Small hole drilling

H22 Tapered tools, 12° taper

H22 - 12°

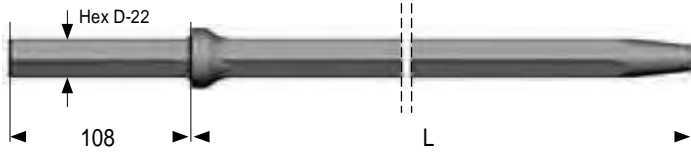
Rods



Dimensions D					Part No.
L			Hex D		

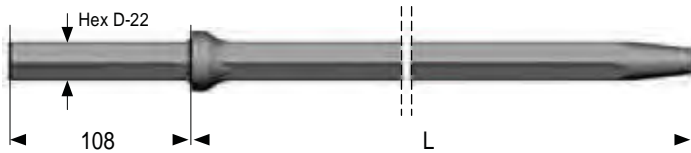
mm	ft	in	mm	in
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Tapered rod, shank 22x108, carburized



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



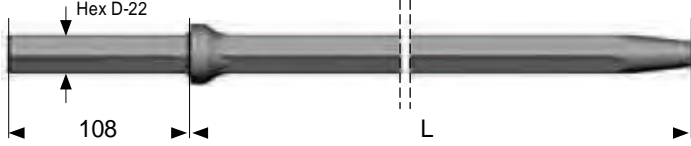
2440	8'	–	22	7/8"	7870-5124-11
3200	10'	6"	22	7/8"	7870-5132-11
4000	13'	1 1/2"	22	7/8"	7870-1140-11
4400	14'	5"	22	7/8"	7870-1144-11
4800	15'	9"	22	7/8"	7870-1148-11
5600	18'	4 1/2"	22	7/8"	7870-1156-11
6400	21'	–	22	7/8"	7870-1164-11
7200	23'	7 1/2"	22	7/8"	7870-1172-11
8000	26'	3"	22	7/8"	7870-1180-11
8800	28'	10 1/2"	22	7/8"	7870-1188-11

Small hole drilling

H22 Tapered tools, 11° taper

Bits	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in	
Button bit								
	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								
	1x5	1x5	2x7	5x7	40°	32	1 1/4"	7776-4432-B48
	1x5	1x5	2x7	5x8	40°	35	1 3/8"	7776-4435-B48
	1x5	1x5	2x7	5x8	35°	36	1 7/16"	7776-4436-B48
	1x5	1x5	2x7	5x8	35°	38	1 1/2"	7776-4438-B48
	1x6	1x6	2x8	5x9	35°	40	1 37/64"	7776-4440-B48

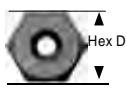

Rods	Dimensions D					Part No.		
	L			Hex D				
			mm	ft	in	mm	in	
Tapered rod, shank 22x108, carburized								
	610	2'	–	22	7/8"	7876-6106-11		
	800	2'	7 1/2"	22	7/8"	7876-6108-11		
	1220	4'	–	22	7/8"	7876-6112-11		
	1600	5'	3"	22	7/8"	7876-6116-11		
	1830	6'	–	22	7/8"	7876-6118-11		
	2000	6'	7"	22	7/8"	7876-6120-11		
	2440	8'	–	22	7/8"	7876-6124-11		
	3050	10'	–	22	7/8"	7876-6131-11		
3600	11'	9 1/2"	22	7/8"	7876-6136-11			

Small hole drilling

H22 Tapered tools, 7° taper

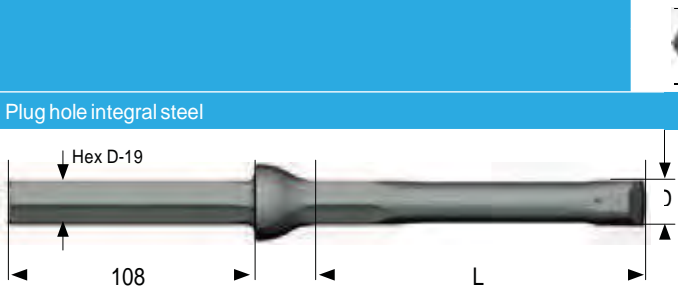
H22-7°

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

Rods		Dimensions D			Hex D	Part No.
		L	ft	in		
Tapered rod, shank 22x108, carburized						
	2400	8'	–	22	7/8"	7888-6124-11
	3200	10'	6"	22	7/8"	7888-6132-11

Small hole drilling

Stone working tools


	Dimensions D					Part No.
	L		D			
	mm	ft	in	mm	in	
Plug hole integral steel						
	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

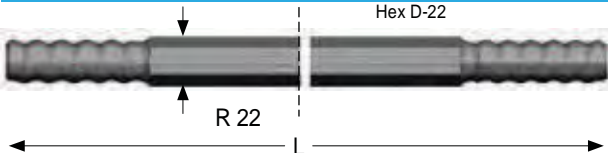
Small hole drilling


R22 (7/8") Extension drilling tools


R22 (7/8")

Cross bit	Flushing hole, 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



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

Shankadapter/Shankrod, Hex22- R22						
	255	-	10 3/64"	22	7/8"	7801-6103-11


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

Small hole drilling

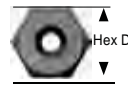
R23 (29/32") Extension drilling tools

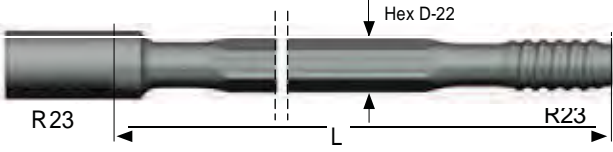
Bits	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		

Button bit									
	1x4	1x6	2x7	5x7	35°	33	1 5/16"	HMCA	7737-4433-R48
	1x6	1x6	2x7	5x8	40°	35	1 3/8"	HMCA	7737-5235-R48
	1x6	1x6	2x7	5x8	35°	38	1 1/2"	HMCA	7737-5238A-R48
	1x6	1x6	2x8	5x9	35°	41	1 5/8"	HMCA	7737-5241-R48

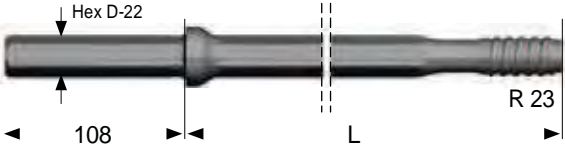
Button bit									
	3x5	-	3x8	6x9	30°	45	1 3/4"	HMCA	7737-5345-R48

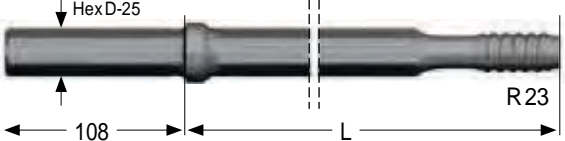
Rods	Dimensions D			Hex D	Part No.
	L	ft	in		



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


Female end Ø 31 mm


Shank adapter/Shank rod, Hex 22 - R23						
	255	-	10 3/64"	22	7/8"	7807-6103-11
	800	2'	7"	22	7/8"	7807-6108-11
	1600	5'	3"	22	7/8"	7807-6116-11
	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

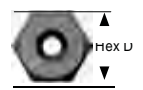
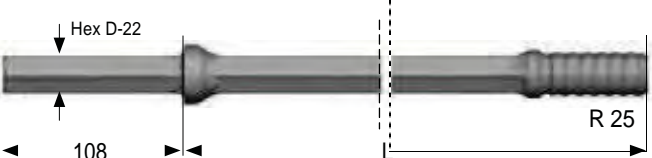
Shank adapter/Shankrod Hex25 - R23						
	255	-	10 3/64"	25	1"	7807-7103-30
	3600	11'	9"	25	1"	7807-7136-30

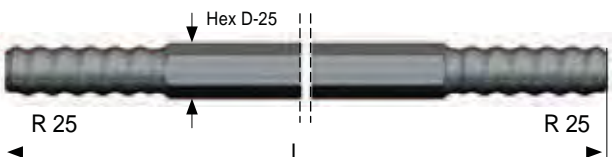
Small hole drilling


R25 (1") Extension drilling tools


Bits	Flushing hole, 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									
	1x4	1x6	2x7	5x8	35°	35	1 3/8"	HMCA	7732-4435-S48
	1x5	1x6	2x7	5x8	40°	35	1 3/8"	HMCA	7732-5235-R48
	1x6	1x6	2x7	5x9	30°	38	1 1/2"	HMCA	7732-5238-S48
	1x6	1x6	2x7	5x9	35°	38	1 1/2"	HMCA	7732-5238-R48
	1x6	1x6	2x8	5x9	35°	41	1 5/8"	HMCA	7732-5241-S48
	1x6	1x6	2x8	5x9	35°	41	2 5/8"	HMCA	7732-5241-R48

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

Rods		Dimensions D					Part No.
		L	ft	in	Hex D	mm	
Shankadapter / rod, Hex22 x R25							
	255	-	10 3/64"	22	7/8"	7802-6103-11	
	800	2'	7"	22	7/8"	7802-6108-11	
	1000	3'	3"	22	7/8"	7802-6110-11	

Extension rod, R25 - Hex25 - 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

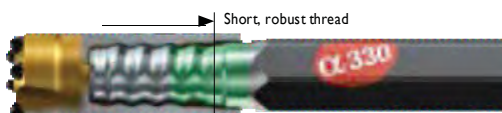


Precision engineering for straighter drill holes

- Short thread design with sturdy guides, well inside the bit skirt offers higher precision in collaring – even in complex rock formations and uneven surfaces.
- Rigid drill string results in straighter holes, permitting optimum drilling patterns and higher rate of advance.
- Exact collaring and straighter holes are prerequisites for productive drilling with less over break and lower overall costs.
- Hexagonal rods in the tool system result in a rigid, integrated power pack drill string with superior resistance to bending stresses, improved bit guidance and perfect energy transfer.
- More efficient energy transmission with minimal wear on all components in the drilling system.
- Short thread and robust guide improves service life on drifter rods with at least +30 % compared to R32 rods.

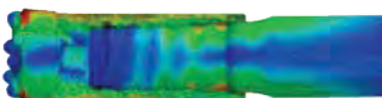


NEW DESIGN PROVIDES TROUBLE FREE OPERATION



Sandvik Alpha 330

- Reduced bending stresses
- Easy uncoupling



Advanced analysis have been used to simulate and locate critical bending stresses of various designs to arrive at an optimally dimensioned rod / bit connection.



R25 (1") BIT THREAD	32
R28 (1 1/8") BIT THREAD	34
R32 (1 1/4") BIT THREAD	35
α330 BIT THREAD	38
R35 (1 3/8") BIT THREAD	41
SANDVIK EXTRA. R35 (1 3/8") BIT THREAD	43
BITS	44



Drifting and Tunneling

R25 (1") bit thread

Bits	Flushing hole, 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, type 52



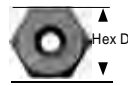
1x4,5	1x6	2x7	5x7	45°	33	1 5/16"	HMCA	7732-4433C-S48
1x5	1x6	2x7	5x9	30°	35	1 3/8"	HMCA	7732-4435-S48
1x5	1x6	2x7	5x9	30°	37	7/16"	HMCA	7732-4437C-S48
1x6	1x6	2x7	5x9	30°	38	1 1/2"	HMCA	7732-5238-S48
1x6	1x6	2x7	5x9	35°	38	1 1/2"	MCAN	7732-5238-R48
1x6	1x6	2x8	5x9	35°	41	1 5/8"	HMCA	7732-5241-S48

Cross bit



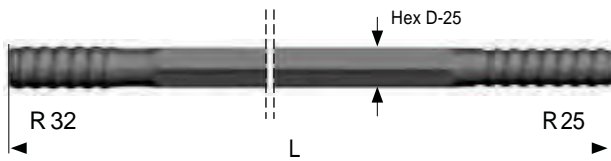
1x5	2x5				35	1 3/8"	-	7732-1435-42
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Rods



L	Dimensions D				Part No.
	mm	ft	in	D mm	

Drifter rod, R32 - Hex 25 - R25



Flushing hole \varnothing 8,6 mm

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
3340	10'	11 1/2"	25	1"	7853-2433-20
3700	12'	1 5/8"	25	1"	7853-2437-20

Coupling sleeve, R32



150	5 29/32"	44	1 47/64"	7993-3644
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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-S48
4x10	8x10	30°	76	3"	7722-4876-S48
6x10	8x12	35°	89	3 1/2"	7722-4889-S48


Drifting and Tunneling

R28 (1 1/8") bit thread


R28 (1 1/8")

Bits	Flushing hole, 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, type 52									
	1x5	1x6	2x7	5x9	30°	37	7/16"	HMCA	7739-5237-S48
	1x6	1x6	2x7	5x9	35°	38	1 1/2"	MCAN	7739-5238-R48
	1x6	1x6	2x7	5x9	30°	38	1 1/2"	HMCA	7739-5238-S48
	1x6	1x6	2x8	5x9	35°	41	1 5/8"	HMCA	7739-5241-S48
	1x6	1x6	2x8	5x10	30°	43	1 11/16"	HMCA	7739-5243-S48

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

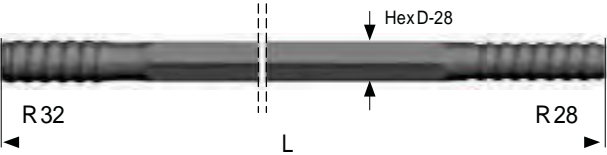
Reaming tools	Thread	Dimensions D					Part No.
		L mm	ft	in	D mm	in	

Reaming tools for cut holes / Pilot adapter, 6° taper							
	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-S48
	4x10	8x10	30°	76	3"	7722-4876-S48
	6x10	8x12	35°	89	3 1/2"	7722-4889-S48

Rods		Dimensions D					Part No.
		L mm	ft	in	D mm	in	

Drifter rod, R32 - Hex28 - R28						
	2475	8'	1 1/2"	28	1 1/8"	7853-7624-20
	2785	9'	1 5/8"	28	1 1/8"	7853-7627-20
	3090	10'	1 5/8"	28	1 1/8"	7853-7631-20
	3700	12'	1 5/8"	28	1 1/8"	7853-7637-20
	4305	14'	1 1/2"	28	1 1/8"	7853-7643-20

Flushing hole Ø 8,8 mm

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

Drifting and Tunneling

R32 (1 1/4") bit thread

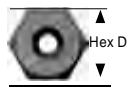
Bits	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, type 52									
	1x5	2x6	2x9	5x10	35°	43	1 11/16"	HMCVA	7733-5243A-S48
	1x5	2x6	2x9	5x11	30°	45	1 3/4"	HMCVA	7733-5245A-S48
	1x6	2x7.5	2x9	5x11	35°	48	1 7/8"	HMCVA	7733-5248A-S48
	1x6	2x7.5	2x10	5x12	35°	51	2"	HMCVA	7733-5251A-S48
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
Button bit, type 53/16									
	3x4.5	1x4.5	3x8	6x9	30°	43	1 11/16"	MSCAN	7733-5343A-R48
	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	40°	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, type 55									
	3x5.5	3x5.5	3x9	3x9	40°	45	1 3/4"	SCFN	7733-5545A-C60
	3x6	1x6	3x9	6x10	40°	51	2"	SCFN	7733-5551A-C60
Button bit, type 18									
	4x7	-	5x11	8x12	35°	76	3"	HMCVA	7733-1876-S48
Cross bit									
	1x5	4x6	-	-	-	45	1 3/4"		7733-1345A-42

Drifting and Tunneling

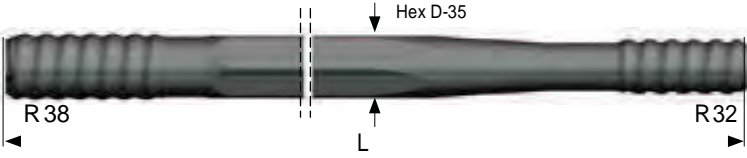
R32 (1 1/4") bit thread

R32 (1 1/4")

Rods	Dimensions D					Part No.
	L	ft	in	D	in	



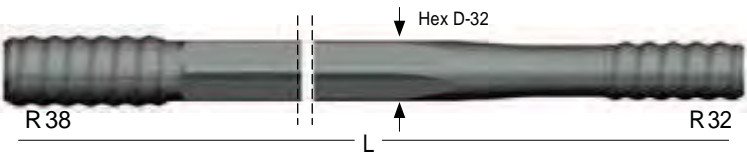
Drifter rod, R38 - Hex 35 - R32



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

Flushing hole Ø 9,5 mm

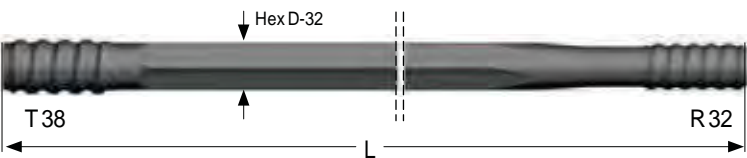
Drifter rod, R38 - Hex32 - R32



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

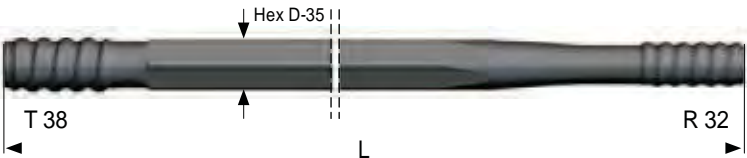
Drifter rod, T38 - Hex32 - R32



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

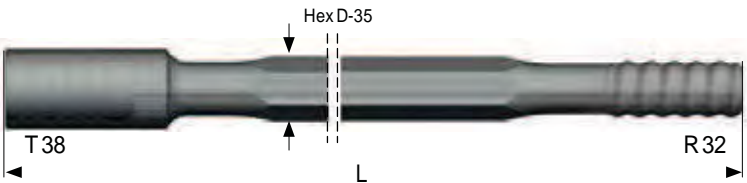
Drifter rod, T38 - Hex35 - R32



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
6440	21'	1 1/2"	35	1 3/8"	7324-9664-20

Flushing hole Ø 9,5 mm

MF Drifter rod, T38 - Hex35 - R32



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

Flushing hole Ø 9,5 mm

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					Part No.
		L mm	ft	in	D mm	in	

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



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



R32	-	-	-	40	1 37/64"	7821-3440
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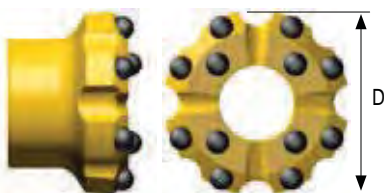
Reaming bit 6°, 12° taper	Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size		mm	in	

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



4x8	8x9	25°	64	2 1/2"	7722-4864-S48
4x10	8x10	30°	76	3"	7722-4876-S48
6x10	8x12	35°	89	3 1/2"	7722-4889-S48

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



4x10	8x12	35°	89	3 1/2"	7721-4889-S48
4x13	8x13	35°	102	4"	7721-4802-S48
8x13	8x13	35°	127	5"	7721-4827-S48

Reaming bit	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size	Pilot No Size	Gauge No Size		mm	in	

Reaming tools for cut holes / Reaming bit, R32



4x6	-	3x10	12x13	35°	102	4"	7733-5602P-S48
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Drifting and Tunneling

<330 bit thread

Bits	Flushing hole, 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, type 52



1x5	1x7.5	2x9	6x10	35°	43	1 11/16"	HMCVA	7767-5243A-S48
1x5	1x7.5	2x9	5x11	30°	45	1 3/4"	HMCVA	7767-5245A-S48
1x6	2x7.5	2x9	5x11	35°	48	1 7/8"	HMCVA	7767-5248A-S48

Button bit, type 54



2x6	2x6	2x9	6x9	40°	43	1 11/16"	MSCAN	7767-5443B-R48
2x6	2x6	2x9	6x10	35°	45	1 3/4"	MSCAN	7767-5445B-R48

Button bit, type 53/16



3x4.5	1x4.5	3x8	6x9	30°	43	1 11/16"	MSCAN	7767-5343A-R48
3x4.5	1x5	3x8	6x10	30°	45	1 3/4"	MSCAN	7767-5345A-R48
3x4.5	1x5	3x8	6x10	25°	45	1 3/4"	HMCAN	7767-5345A-S48
3x5	1x5	3x9	6x10	30°	48	1 7/8"	MSCAN	7767-5348A-R48
3x5	1x5	3x9	6x10	30°	48	1 7/8"	HMCAN	7767-5348A-S48



3x6	1x6	3x9	6x10	40°	51	2"	MSCAN	7767-1651A-R48
3x6	1x6	3x9	6x10	35°	51	2"	HMCAN	7767-1651A-S48
3x7	-	3x11	6x12	30°	64	2 1/2"	HMCAN	7767-1664-S48

Button bit, type 18



4x7	-	5x10	8x11	35°	76	3"	HMCAN	7767-1876-S48
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Button bit, Retrac



3x6	-	3x9	6x10	35°	51	2"	HMCAN	7767-4651A-S48
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Crossbit

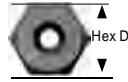


1x5	4x6				45	1 3/4"		7767-1345A-42
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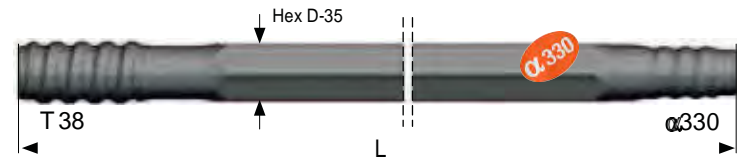
Drifting and Tunneling

<330 bit thread

Rods		Dimensions D					Part No.
		L mm	ft	in	D mm	in	

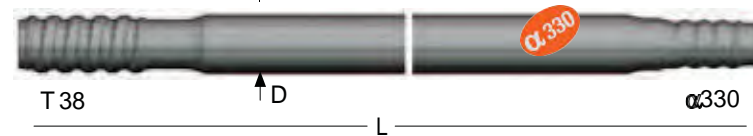


Drifter rod, T38 - Hex 35 - α330						
3090	10'	1 5/8"	35	1 3/8"	7324-6731-20	
3700	12'	1 5/8"	35	1 3/8"	7324-6737-20	
4305	14'	1 1/2"	35	1 3/8"	7324-6743-20	
4915	16'	1 1/2"	35	1 3/8"	7324-6749-20	
5525	18'	1 1/2"	35	1 3/8"	7324-6755-20	



Flushing hole Ø 9,5 mm

Drifter rod, T38 - Round 39 - α330						
4915	16'	1 1/2"	39	1 1/2"	7324-7049-20	
5525	18'	1 1/2"	39	1 1/2"	7324-7055-20	
6135	20'	1 1/2"	39	1 1/2"	7324-7061-20	
6440	21'	1 1/2"	39	1 1/2"	7324-7064-20	



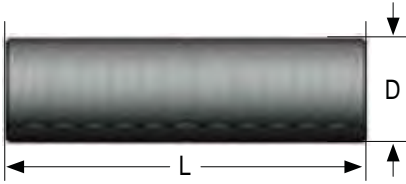
Flushing hole Ø 10,3 mm

Drifting and Tunneling

<330 bit thread

α330

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



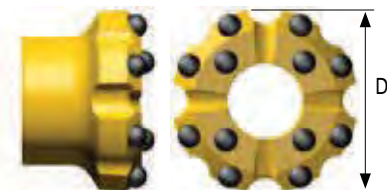
Reaming bit	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size	Pilot No Size	Gauge No Size		mm	in	
Reaming tools for cut holes / Reaming bit, α330	2x6	2x6	3x10	12x13	35°	102	4"	7767-5602P-S48



Pilot adapter 12° taper	Thread	Dimensions D				Part No.	
		L mm	ft	in	D mm		in
Reaming tools for cut holes / Pilot adapter, 12° taper	α330	-	-	-	40	1 37/64"	7821-6740




Reaming bit 12° taper	Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size		mm	in	
Reaming tools for cut holes / Reaming bit, 12° taper	4x10	8x12	35°	89	3 1/2"	7721-4889-S48
	4x13	8x13	35°	102	4"	7721-4802-S48
	8x13	8x13	35°	127	5"	7721-4827-S48





Drifting and Tunneling

R35 (1 3/8") bit thread

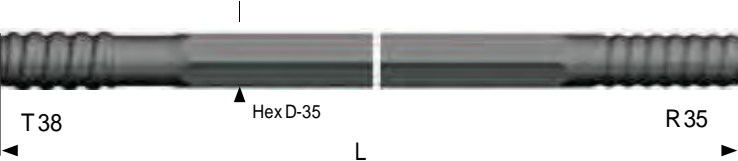
Bits	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		

Button bit, type 53/16									
	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

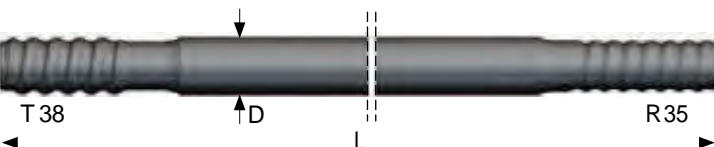
	3x6	1x6	3x9	6x10	35°	51	2"	HMCAN	7738-1651A-S48
	3x6	1x6	3x9	6x10	40°	51	2"	MSCAN	7738-1651A-R48

Crossbit									
	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

Flushing hole \varnothing 9,5 mm

Drifter rod, T38 - Round 39 - R35						
	4305	14'	1 1/2"	39	1 1/2"	7324-7243-20
	4915	16'	1 1/2"	39	1 1/2"	7324-7249-20
	5525	18'	1 1/2"	39	1 1/2"	7324-7255-20
	6135	20'	1 1/2"	39	1 1/2"	7324-7261-20

Flushing hole \varnothing 14,5 mm

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

Drifting and Tunneling

R35 (1 3/8") bit thread

R35 (1 3/8")

Reaming bit	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size	Pilot No Size	Gauge No Size		mm	in	

Reaming tools for cut holes / Reaming bit, R35



2x6	2x6	3x10	12x13	35°	102	4"	7738-5602P-S48
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Pilot adapter 12° taper	Thread	Dimensions D					Part No.
		L mm	ft	in	D mm	in	

Reaming tools for cut holes / Pilot adapter, 12° taper



R35	-	-	-	40	1 37/64"	7821-5440
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Reaming bit 12° taper	Buttons, mm		Angle	Dimensions D		Part No.
	Front No Size	Gauge No Size		mm	in	


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

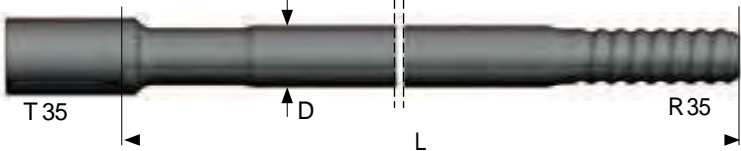


4x10	8x12	35°	89	3 1/2"	7721-4889-S48
4x13	8x13	35°	102	4"	7721-4802-S48
8x13	8x13	35°	127	5"	7721-4827-S48

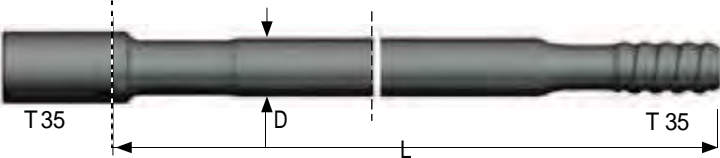
Drifting and Tunneling

R35 (1 3/8") bit thread

Bits	Flushing hole, 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, Retrac R35									
	3x6	1x5	3x9	3x10	30°	54	2 1/5"	MSCFAN	7738-4654A1-R48

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

R35 (1 3/8")

Drifting and Tunneling

Drifter bits

Sandvik bits for drifting and tunneling are available in four basic designs



Type 52

Designed for maximum bit life in hard and abrasive rock



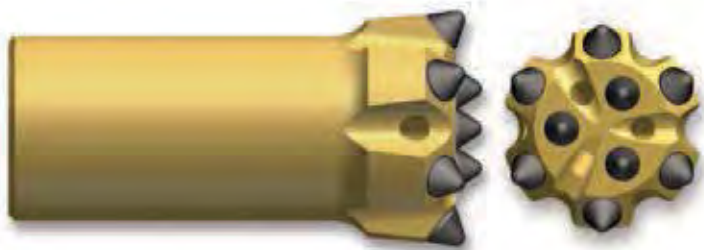
Type 53

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



Type 54

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



Type 55

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

Boosts drilling performance to make operations simpler and productive

Various rock types require customized solutions to achieve straight holes. At Sandvik we have several types of specially designed drilling tools. Tools that minimize hole deviation and optimize drilling patterns. The results are improved hole straightness, superior energy transmission and higher drilling efficiency. Our in-house manufacturing facilities for steel production, machining and tailoring together with our research and development gives us a competitive edge with product solutions tailored for rock drilling professionals.

R32 (1 1/4")	48
T35(1 3/8")	50
T38 (1 1/2")	51
T45 (1 3/4")	53
T51 (2")	55
GT60	57



Bench drilling

R32 (1 1/4")

Bits	Flushing hole, 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°	51	2"	HMCA	7733-1651A-S48
3x6	1x6	3x9	6x10	40°	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



4x7	-	5x11	8x12	35°	76	3"	HMCVA	7733-1876-S48
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3x6	1x6	3x9	6x10	40°	51	2"	SCFN	7733-5551A-C60
3x6	1x6	3x10	6x10	40°	57	2 1/4"	SCFN	7733-5557A-C60
3x8	1x8	3x10	6x11	40°	64	2 1/2"	SCFN	7733-5564A-C60

Button bit, Retrac



3x6	-	3x9	6x10	35°	51	2"	HMCFA	7733-4651-S48
3x6	-	3x9	6x10	35°	51	2"	MSCFAN	7733-4651-R48



4x7	-	5x9	8x10	30°	64	3 1/2"	HMCFVA	7733-4864-S48
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Crossbit



1x5	2x7.5	-	-	-	51	2"	HMCFA	7733-1451-42
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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	1830	6'	-	46	1 3/4"	7953-4618-20

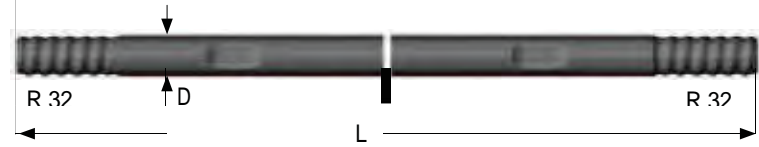
Female end \varnothing 46 mm

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

Flushing hole \varnothing 9.2 mm. Wrench flat 25.4 mm. Female end \varnothing 45 mm

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

Flushing hole \varnothing 11.7 mm. Wrench flat 25.4 mm

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

T35 (1 3/8")

Bits	Flushing hole, 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°	54	2 1/2"	HMCFVAN	7517-1654A-S48
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Button bit, Retrac



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



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

Female end \varnothing 48,2 mm. Flushing hole \varnothing 14,5 mm

Bench drilling

T38 (1 1/2")

Bits	Flushing hole, 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	-	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
	2x11	1x6	4x10	8x10	30°	64	2 1/2"	HMCAN	7514-2664A-S48
	2x11	1x6	6x10	8x11	35°	76	3"	HMCAN	7514-2676A-S48
	3x8	1x8	3x10	6x11	40°	64	2 1/2"	SCFN	7514-5564A-C60
	4x8	1x8	4x10	8x11	40°	76	3"	SCFN	7514-5576A-C60
Button bit, Retrac									
	3x8	-	3x11	6x12	30°	64	2 1/2"	HMCVFAN	7514-4664-S48
	4x8	-	5x9	8x10	35°	64	2 1/2"	MSCFAN	7514-4864-R48
	4x8	-	5x10	8x11	30°	70	2 3/4"	HMCVFAN	7514-4870-S48
	4x8	-	5x11	8x12	35°	76	3"	HMCVFAN	7514-4876-S48
	4x8	-	5x11	8x11	35°	76	3"	MSCFAN	7514-4876-R48
	2x10	1x6	4x10	8x10	30°	64	2 1/2"	HMCFAN	7514-7864A-S48
	2x11	1x6	6x10	8x11	35°	76	3"	HMCFAN	7514-7876A-S48
Xbit									
	1x7.5	2x7.5	-	-	-	64	2 1/2"	-	7514-4064-11

Bench drilling

T38 (1 1/2")

Rods



Dimensions D

Bit dia.	L	ft	in	D	in
mm	mm			mm	

Part No.

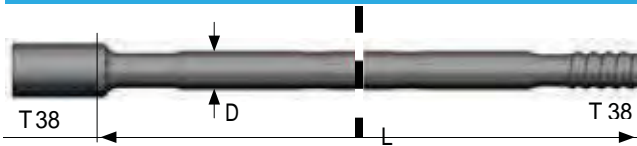
Guide tube



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

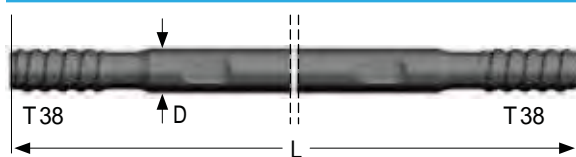
MF-rod, T38 - round 39 - T38



3050	10'	–	39	1 1/2"	7324-4731-70
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

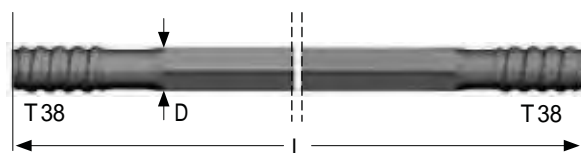
Extension rod, T38 - round 39 - T38



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
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Flushing hole Ø 9.6 mm

Coupling sleeve T38



191	–	7 1/2"	55	2 5/32"	7314-3355
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Bench drilling

T45 (1 3/4")

Bits	Flushing hole, 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	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
	2x12	1x7.5	6x10	8x11	35°	76	3"	HMCAN	7515-2676A-S48
	3x10	1x7.5	6x10	9x11	35°	89	3 1/2"	HMCAN	7515-2689A-S48
	4x8	1x8	4x10	8x11	40°	76	3"	SCFN	7515-5576A-C60

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
	2x11	1x6	6x10	8x11	35°	76	3"	HMCFAN	7515-7876A-S48
	3x10	1x8	6x10	9x11	35°	89	3 1/2"	HMCFAN	7515-7889A-S48

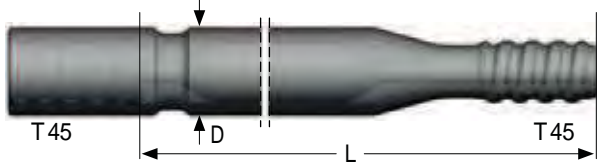
T45 (1 3/4")

Bench drilling

T45 (1 3/4")

Rods	Dimensions D						Part No.
	Bit dia. mm	L mm	ft	in	D mm	in	

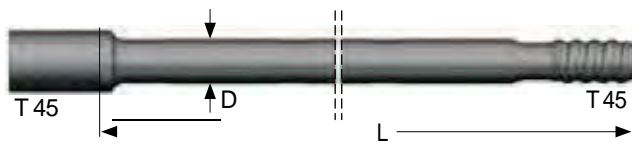
Guide tube



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

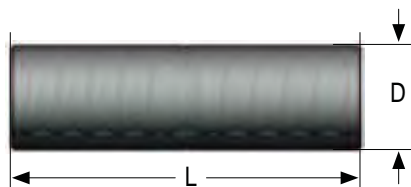
Extension rod, T45-round 46- T45



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
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Bench drilling

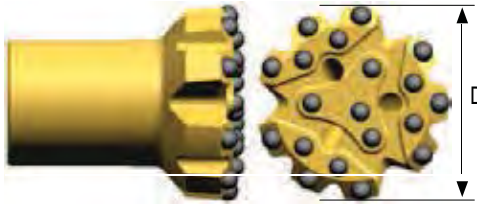
T51 (2")

Bits	Flushing hole, 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

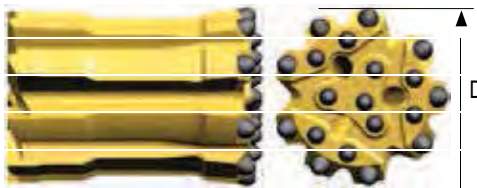


3x12	1x8	6x10	9x11	35°	89	3 1/2"	HMCAN	7516-2689A-S48
3x12	1x8	6x12	9x12	35°	102	4"	HMCAN	7516-2602A-S48

Button bit, Retrac



4x10	-	5x13	8x13	35°	89	3 1/2"	HMCVFAN	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"	HMCVFAN	7516-4902-S48
3x14	-	10x12	9x14	40°	115	4 1/2"	HMCVFAN	7516-4915-R48
3x14	-	10x12	9x14	35°	115	4 1/2"	HMCVFAN	7516-4915-S48
3x14	-	10x13	9x14	35°	127	5"	HMCVFAN	7516-4927-S48



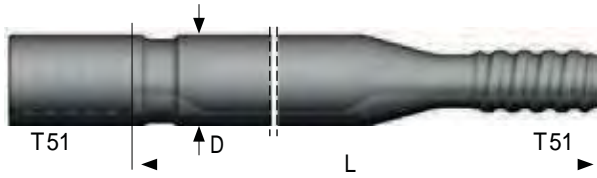
3x12	1x8	6x10	9x11	35°	89	3 1/2"	HMCVFAN	7516-7889A-S48
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Bench drilling

T51 (2")

Rods	Dimensions D						Part No.
	Bit dia. mm	L mm	ft	in	D mm	in	

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

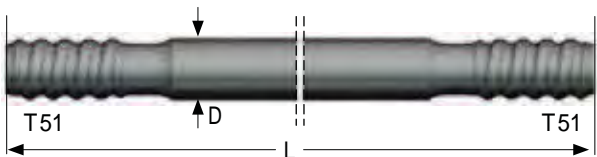
MF-rod, T51 - round 52 - T51



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

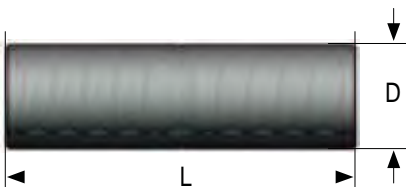
Extension rod, T51 - round 52 - T51



3050	10'	–	46	1 3/4"	7326-7331C-30
3660	12'	–	46	1 3/4"	7326-7337C-30
4265	14'	–	46	1 3/4"	7326-7343C-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

GT60

Bits	Flushing hole, 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

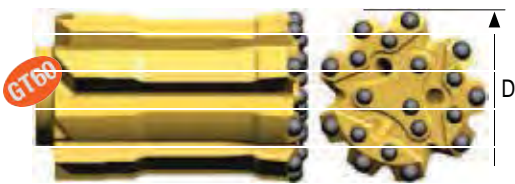


4x11	-	6x12	8x14	35°	92	3 5/8"	HMSCVA	7620-1892-S48
4x11	-	6x12	8x14	35°	96	3 3/4"	HMSCVA	7620-1896-S48



3x14	-	9x11	9x13	35°	102	4"	HMSCVA	7620-1902-S48
3x14	-	10x12	9x14	35°	115	4 1/2"	HMSCVA	7620-1915-S48
3x14	-	10x12	9x14	40°	115	4 1/2"	MSCFAN	7620-1915-R48
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	-	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°	127	5"	HMSCFVA	7620-4927-S55
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	35°	92	3 5/8"	HMSCFAN	7620-8792-S48
2x14	-	9x12	9x12	40°	92	3 5/8"	MSCFAN	7620-8792-R48
2x14	-	9x12	9x12	35°	96	3 3/4"	HMSCFAN	7620-8796-S48
2x14	-	9x12	9x12	40°	96	3 3/4"	MSCFAN	7620-8796-R48
2x14	-	10x12	9x13	40°	102	4"	MSCFAN	7620-8702-R48



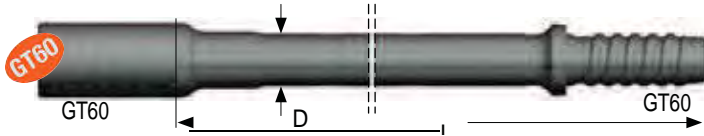
3x13	-	6x13	9x16	35°	115	4 1/2"	HMCFVA	7620-8115-S55
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Bench drilling

GT60

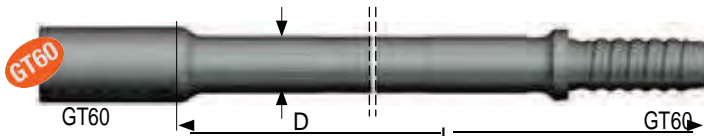
Rods	Dimensions D					Part No.
	L mm	ft	in	D mm	in	

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



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

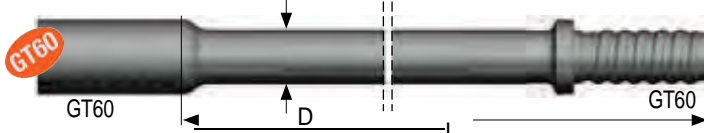
3660	12'	-	60	2 3/8"	7610-1137-70
4265	14'	-	60	2 3/8"	7610-1143-70
6095	20'	-	60	2 3/8"	7610-1161-70



Female end Ø 85 mm. Flushing hole Ø 25 mm

4265	14'	-	64	2 1/2"	7610-1243-70
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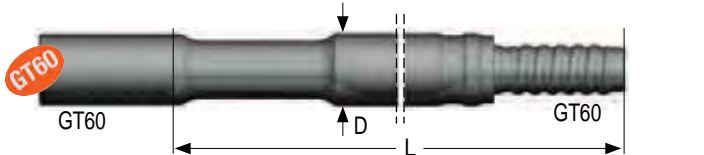
MF-rod, GT60-round 60-GT60. For 92-115 mm bits.



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

4265	14'	-	60	2 3/8"	7610-1443-70
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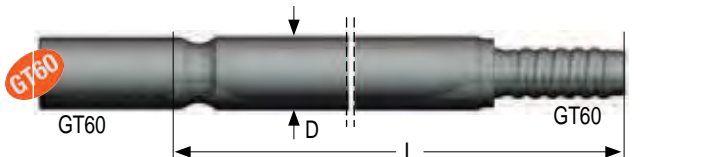
Pilottube-GT60.



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

4265	14'	-	87	3 1/2"	7640-8743-70
5335	17'	6"	76	3"	7640-7653-70

Drill tube



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

4265	14'	-	87	3 1/2"	7660-8743-71
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Where quality counts

dilution is primarily caused by deviation

One of the questions commonly asked is whether it is possible to increase the output of the long hole-drilling rig. The answer is an emphatic yes. It's all to do with hole straightness and direction. Accurate placement of explosives energy will protect weak ground conditions. The ultimate reason for efficient, accurate drilling is mine profitability. Hole deviation adversely effects profitability in the form of poor fragmentation, low ore recovery and ore dilution. Working with Sandvik quality tools can reduce deviation with up to 40%.

R32 (1 1/4")	62
T35 (1 3/8")	64
T38 (1 1/2")	65
T45 (1 3/4")	67
T51 (2")	69
T45 (1 3/4") TUBE DRILLING TOOLS	71
ST58 (2 1/4") TUBE DRILLING TOOLS	72
ST68 (2 3/4") TUBE DRILLING TOOLS	73



Long hole drilling underground

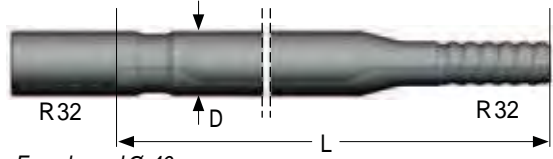
R32 (1 1/4")

Bits	Flushing hole, 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°	51	2"	HMCA	7733-1651A-S48
	3x6	1x6	3x9	6x10	40°	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
	4x7	-	5x11	8x12	35°	76	3"	HMCVA	7733-1876-S48
	3x6	1x6	3x9	6x10	40°	51	2"	SCFN	7733-5551A-C60
	3x6	1x6	3x10	6x10	40°	57	2 1/4"	SCFN	7733-5557A-C60
	3x8	1x8	3x10	6x11	40°	64	2 1/2"	SCFN	7733-5564A-C60
Button bit, Retrac skirt									
	3x6	-	3x9	6x10	35°	51	2"	HMCFA	7733-4651-S48
	3x6	-	3x9	6x10	35°	51	2"	MSCFAN	7733-4651-R48
	4x7	-	5x9	8x10	30°	64	3 1/2"	HMCFVA	7733-4864-S48
Crossbit									
	1x5	2x7.5	-	-	-	51	2"	HMCFA	7733-1451-42


Long hole drilling underground

R32 (1 1/4")

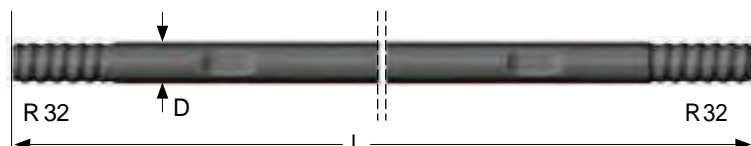
Rods	Dimensions D						Part No.
	Bit dia. mm	L mm	ft	in	D mm	in	

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


Female end Ø 46 mm

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


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

Extension rod, R32 - round 32 - R32							
	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					Part No.
		L mm	ft	in	D mm	in	

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

Reaming bit	Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size		mm	in		


Reaming bit							
	4x12	8x12	35°	102	4"	–	7723-4802-S48
	4x12	8x12	35°	127	5"	–	7723-4827-S48


R32 (1 1/4")

Long hole drilling underground

T35 (1 3/8")

Bits	Flushing hole, 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")

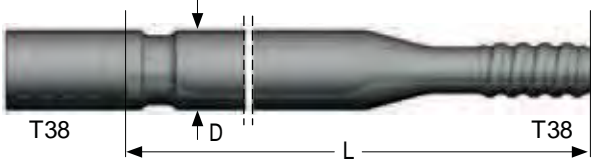
Bits	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, Regular skirt									
	3x8	-	3x11	6x12	30°	64	2 1/2"	HMCVAN	7514-1664-S48
	3x8	-	3x11	6x12	35°	64	2 1/2"	MSCAN	7514-1664-R48
	4x8	-	5x10	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
	2x11	1x6	4x10	8x10	30°	64	2 1/2"	HMCAN	7514-2664A-S48
	2x11	1x6	6x10	8x11	35°	76	3"	HMCAN	7514-2676A-S48
	3x8	1x8	3x10	6x11	40°	64	2 1/2"	SCFN	7514-5564A-C60
	4x8	1x8	4x10	8x11	40°	76	3"	SCFN	7514-5576A-C60
Button bit, Retrac skirt									
	3x8	-	3x11	6x12	30°	64	2 1/2"	HMCVFAN	7514-4664-S48
	4x8	-	5x9	8x10	35°	64	2 1/2"	MSCFAN	7514-4864-R48
	4x8	-	5x10	8x11	30°	70	2 3/4"	HMCVFAN	7514-4870-S48
	4x8	-	5x11	8x12	35°	76	3"	HMCVFAN	7514-4876-S48
	4x8	-	5x11	8x11	35°	76	3"	MSCFAN	7514-4876-R48
	4x8	-	5x11	8x11	35°	76	3"	MSCFAN	7514-4876-R48
	2x10	1x6	4x10	8x10	30°	64	2 1/2"	HMCFFAN	7514-7864A-S48
	2x11	1x6	6x10	8x11	35°	76	3"	HMCFFAN	7514-7876A-S48
Xbit									
	1x7.5	2x7.5	-	-	-	64	2 1/2"	-	7514-4064-11

T38 (1 1/2")

Long hole drilling underground

T38 (1 1/2")

Rods	Dimensions D						Part No.
	Bit dia. mm	L mm	ft	in	D mm	in	
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	Dimensions D					Part No.
		L mm	ft	in	D mm	in	
Pilot adapter for reaming of 51 mm (2") pilot holes	R38	–	–	–	47	1 7/8"	7823-2647



Reamer	Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size		mm	in		
Reaming bit	4x12	8x12	35°	102	4"	–	7723-4802-S48
	4x12	8x12	35°	127	5"	–	7723-4827-S48



Long hole drilling underground

T45 (1 3/4")

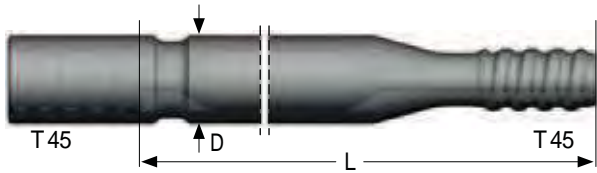
Bits	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		
Button bit, Regular skirt									
	4x8	-	5x10	8x11	30°	70	2 3/4"	HMCVAN	7515-1870-S48
	4x8	-	5x11	8x12	35°	76	3"	HMCVAN	7515-1876-S48
	4x8	-	5x11	8x12	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
	2x12	1x7.5	6x10	8x11	35°	76	3"	HMCAN	7515-2676A-S48
	3x10	1x7.5	6x10	9x11	35°	89	3 1/2"	HMCAN	7515-2689A-S48
	4x8	1x8	4x10	8x11	40°	76	3"	SCFN	7515-5576A-C60
Button bit, Retrac skirt									
	4x8	-	5x10	8x11	35°	70	2 3/4"	MSCFAN	7515-4870-R48
	4x8	-	5x11	8x12	35°	76	3"	HMCVFAN	7515-4876-S48
	4x8	-	5x11	8x12	35°	76	3"	MSCFAN	7515-4876-R48
	4x9	-	5x13	8x13	35°	89	3 1/2"	HMCVFAN	7515-4889-S48
	4x9	-	5x13	8x13	40°	89	3 1/2"	MSCFAN	7515-4889-R48
	3x10	-	9x11	9x13	35°	102	4"	HMCVFAN	7515-4902-S48
	3x10	-	9x11	9x13	40°	102	4"	MSCFAN	7515-4902-R48
	2x11	1x6	6x10	8x11	35°	76	3"	HMCVFAN	7515-7876A-S48
	3x10	1x8	6x10	9x11	35°	89	3 1/2"	HMCVFAN	7515-7889A-S48
Reaming bit									
	3x14		9x14		35°	127	5"	-	7515-5627-S48
	7x14		8x14		35°	152	6"	-	7515-5652-S48

Pilot diameter: 64 mm

Long hole drilling underground

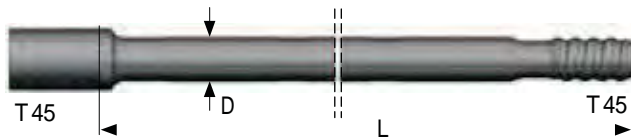
T45 (1 3/4")

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



Female end Ø 63 mm

MF-rod, T45-round 46 - T45						
1220	4'	–	46	1 3/4"	7325-7712C-20	
1525	5'	–	46	1 3/4"	7325-7715C-20	
1830	6'	–	46	1 3/4"	7325-7718C-20	



Flushing hole Ø 17 mm. Female end Ø 63 mm

T45 (1 3/4")

Long hole drilling underground

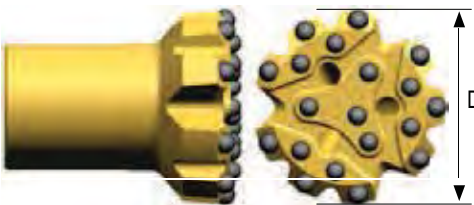
T51 (2")

Bits	Flushing hole, mm		Buttons, mm		Angle	Dimensions D		Bit Classification	Part No.
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in		

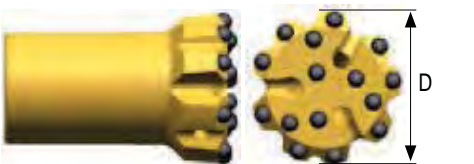
Button bit, Regular skirt



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

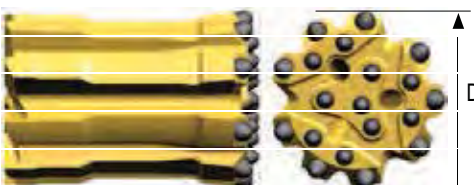


3x12	1x8	6x10	9x11	35°	89	3 1/2"	HMCAN	7516-2689A-S48
3x12	1x8	6x12	9x12	35°	102	4"	HMCAN	7516-2602A-S48

Button bit, Retrac skirt



4x10	-	5x13	8x13	35°	89	3 1/2"	HMCVFAN	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"	HMCVFAN	7516-4902-S48
3x14	-	10x12	9x14	40°	115	4 1/2"	HMCVFAN	7516-4915-R48
3x14	-	10x12	9x14	35°	115	4 1/2"	HMCVFAN	7516-4915-S48
3x14	-	10x13	9x14	35°	127	5"	HMCVFAN	7516-4927-S48



3x12	1x8	6x10	9x11	35°	89	3 1/2"	HMCVFAN	7516-7889A-S48
3x12	-	6x12	9x12	35°	102	4"	HMCVFAN	7516-7802-S48

Reaming bit



7x14	8x14	35°	152	6"	-	7516-5652-S48
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Pilot diameter: 64 mm

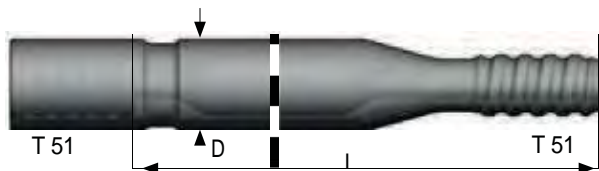
Long hole drilling underground

T51 (2")

Rods	Dimensions D						Part No.
	Bit dia. mm	L mm	ft	in	D mm	in	

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

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


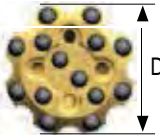


Flushing hole Ø 21.5 mm. Female end Ø 71 mm

Long hole drilling underground

T45 (1 3/4") tube drilling tools

Bits	Flushing hole, 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