

Heavy drilling



Shandong Rock mine drilling tools co,.LTD

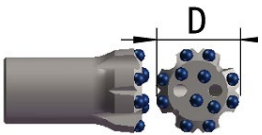
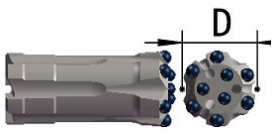
ADVANTAGES

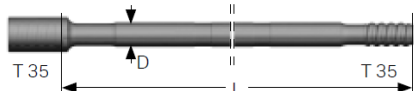
- Our top center design extends grinding intervals by up to 80 percent* compared to our previous design, reducing your bit cost per drilled meter.
- Extended bit life by up to 60 percent* compared to our previous design means fewer bit changes and thus more drilling productivity.
- Longer tool life means operators don't need to leave the safety of the drill cabin as often to change bits in potentially hazardous areas, such as unreinforced faces.
- Larger flushing holes increase flushing volume by up to 30 percent while maintaining strong penetration rates.
- More accurate collaring improves accuracy of drilled holes and consequently blasting results.

FACE DRILLING AND BOLTING

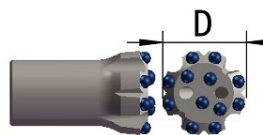
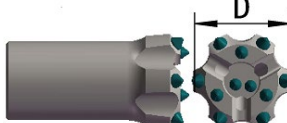
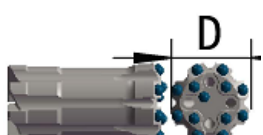
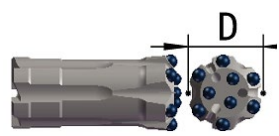
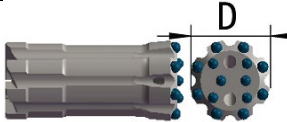
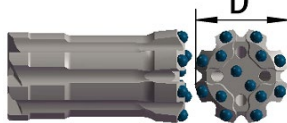
T35(1 3/8")

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,regular skirt								
	2x11	1x6	4x10	8x10	30	64	2 1/2"	S752664-T35
	2x11	1x6	6x10	8x11	35	76	3 "	S752676-T35
Button bit,Retrac								
								
	3x8		3x11	6x12	35	64	2 1/2"	R754664-T35
	3x8		3x11	6x12	30	64	2 1/2"	S754664-T35

RODS	DIMENSIONS				PART NO.		
	L				D		
	mm	mm	ft	in	mm	in	
MF-rod, T35 – round 39– T35							
	1830	6"			39	1 1/2"	734718-20

T38(1 1/2")

BITS	FLUSHING		BUTTONS		ANGLE		DIMENSIONS		PART NO.
	HOLE,MM		MM				D		
	Front	Gauge	Front	Gauge			mm	in	
	No Size	No Size	No Size	No Size					
button bit,regular skirt									
	4x8	-	5x10	8x11	30	70	2 3/4"	S751870-T38	
	4x8	-	5x11	8x12	35	76	3 "	R751876-T38	
	4x8	-	5x11	8x12	35	76	3"	S751876-T38	
	4x8	-	5x12	8x12	35	89	3 1/2"	S751889-T38	
		-							
	2x11	1x6	4x10	8x10	30	64	2 1/2"	S752664-T38	
	2x11	1x6	6x10	8x11	35	76	3 "	S752676-T38	
	3x8	1x8	3x10	6x11	40	64	2 1/2 "	C755564-T38	
	3x8	1x8	4x11	6x12	40	76	3 "	C755576-T38	
Button bit,Retrac									
	4x7	-	5x9	8x10	35	64	2 1/2"	R754864-T38	
	4x8	-	5x10	8x11	30	70	2 3/4 "	R754870-T38	
	4x8		5x11	8x12	35	76	3"	S754876-T38	
	4x9		5x11	8x12	35	76	3 "	R754876-T38	
									
	3x8		3x11	6x12	35	64	2 1/2"	R754664-T38	
	3x8		3x11	6x12	30	64	2 1/2"	S754664-T38	
	2x10	1x6	4x10	8x10	30	64	2 1/2"	S757864-T38	
	2x11	1x6	6x10	8x11	35	76	3 "	S757876-T38	
	3x8		4x9	6x10	40	64	2 1/2 "	R757964-T38	
	3x8		4x9	6x10	35	64	2 1/2 "	S757964-T38	
	4x8		6x10	8x11	35	76	3 "	R757976-T38	
	4x7		6x10	8x11	30	76	3 "	S757976-T38	

RODS

DIMENSIONS

PART NO.

Bit dia. L

D

mm

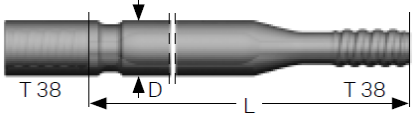
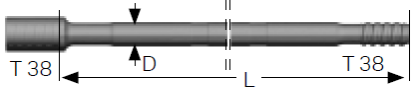
mm

ft

in

mm

in

Guide tube							
	64-76	1830	6"		56	2 13/64"	795618-20
Female end OD 56mm.							
MF-rod, T38 – round 39– T38							
	915	3"			39	1 1/2"	734709C-20
	1220	4"			39	1 1/2"	734712C-20
	1525	5"			39	1 1/2"	734715C-20
	1830	6"			39	1 1/2"	734718C-20
	Flushing hole Ø 14.5mm. Female end OD 56 mm.						

T45(1 3/4")

BITS

FLUSHING

BUTTONS

ANGLE

DIMENSIONS

PART NO.

HOLE,MM

MM

D

Front

Gauge

Front

Gauge

mm

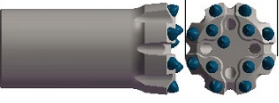
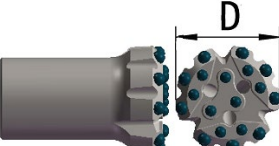
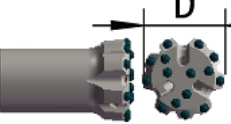
in

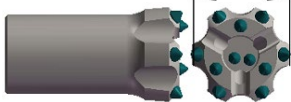
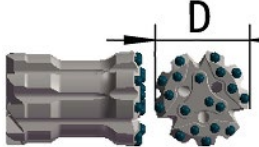
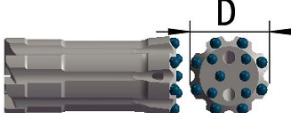
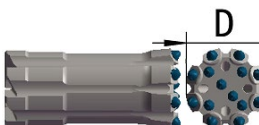
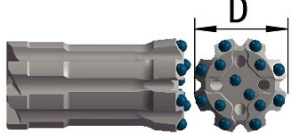
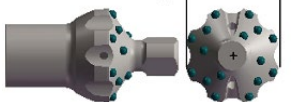
No Size

No Size

No Size

No Size

button bit,regular skirt								
	4x8	-	5x10	8x11	30	70	2 3/4"	S751870-T45
	4x8	-	5x11	8x12	35	76	3 "	R751876-T45
	4x8	-	5x11	8x12	35	76	3"	S751876-T45
	4x9	-	5x12	8x13	40	89	3 1/2"	R751889-T45
	4x9	-	5x12	8x13	35	89	3 1/2"	S751889-T45
								
	3x10		9x11	9x13	40	102	4"	R751902-T45
	3x10		9x11	9x13	35	102	4"	S751902-T45
	2x12	1x8	6x10	8x11	35	76	3 "	S752676-T45
	3x10	1x8	6x10	9x11	35	89	3 1/2"	S752689-T45

	3x9	1x9	4x11	6x12	40	76	3 "	C755576-T45
	3x10	1x10	2x11 3x12	6x13	40	89	3 1/2"	C755589-T45
Button bit,Retrac								
	4x8	-	5x10	8x11	35	70	2 3/4"	R754870-T45
	4x8	-	5x11	8x12	35	76	3 "	R754876-T45
	4x8		5x11	8x12	35	76	3"	S754876-T45
	4x9		5x12	8x13	40	89	3 1/2"	R754889-T45
	4x9		5x12	8x13	35	89	3 1/2"	S754889-T45
								
	3x10		9x11	9x13	40	102	4"	R754902-T45
	3x10		9x11	9x13	35	102	4"	S754902-T45
	2x11	1x6	6x10	8x11	35	76	3"	S757876-T45
	3x10	1x8	6x10	9x11	35	89	3 1/2"	S757889-T45
	4x8		6x10	8x11	35	76	3"	R758276-T45
	4x8		6x10	8x11	35	76	3 "	R757976-T45
	4x7		6x10	8x11	30	76	3 "	S757976-T45
	4x8		6x11	8x12	40	89	3 1/2"	R757989-T45
	4x8		6x11	8x12	35	89	3 1/2"	S757989-T45
	4x9		3x11 4x12	8x13	35	102	4 "	S757902-T45
Reaming bit								
			4x9	12x14	35	127	5"	S755627-T45
			4x9	16x14	35	152	6"	S755652-T45
	Pilot diameter :64mm							

RODS

DIMENSIONS

PART NO.

Bit dia. L

D

mm

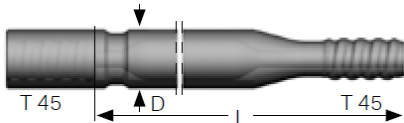
mm

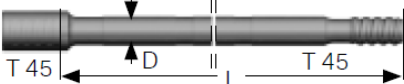
ft

in

mm

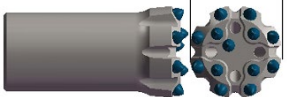
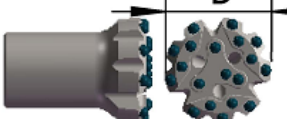
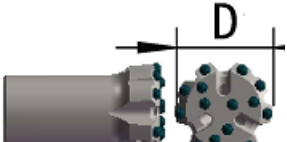
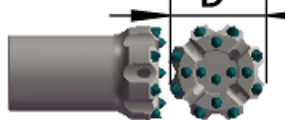
in

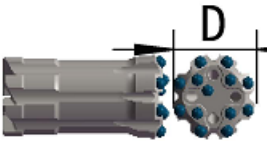
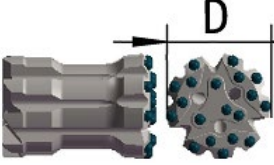
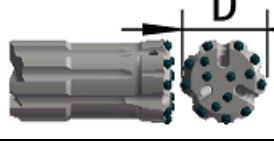
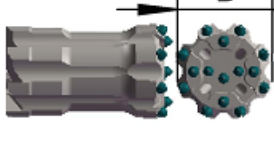
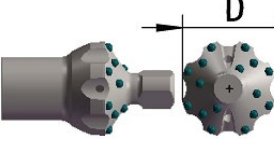
Guide tube							
	76-89	1830	6"		63	2 31/64"	796318-21
	Female end Ø 6 3mm.						

MF-rod, T45 – round 46 – T45							
	1220	4"		46	1 3/4"	737712C-20	
	1525	5"		46	1 3/4"	737715C-20	
	1830	6"		46	1 3/4"	737718C-20	
	Flushing hole Ø 17mm. Female end Ø 63 mm.						

T51(2 ")

BITS	FLUSHING HOLE,MM	BUTTONS MM	ANGLE	DIMENSIONS D	PART NO.
	Front	Gauge	Front	Gauge	
	No Size	No Size	No Size	No Size	mm in

button bit,regular skirt								
	4x10	-	5x12	8x13	40	89	3 1/2"	R751889-T51
	4x10	-	5x12	8x13	35	89	3 1/2"	S751889-T51
		-						
		-						
	3x13		9x11	9x13	40	102	4"	R751902-T51
	3x13		9x11	9x13	35	102	4"	S751902-T51
	3x13		10x12	9x14	35	115	4 1/2"	S751915-T51
	3x13		10x13	9x14	35	127	5"	S751927-T51
	3x12	1x8	6x10	9x11	35	89	3 1/2"	S752689-T51
	3x12	1x8	6x12	9x12	35	102	4"	S752602-T51
	3x12	1x12	2x11 3x12	6x13	40	89	3 1/2"	C755589-T51
	4x11	1x11	3x11 4x12	8x13	40	102	4"	C755502-T51
Button bit,Retrac								

	4x10	-	5x12	8x13	40	89	3 1/2"	R754889-T51
	4x10	-	5x12	8x13	35	89	3 1/2"	S754889-T51
	3x13		9x11	9x13	40	102	4"	R754902-T51
	3x13		9x11	9x13	35	102	4"	S754902-T51
	3x14		10x12	9x14	40	115	4 1/2"	R754915-T51
	3x14		10x12	9x14	35	115	4 1/2"	S754915-T51
	3x14		10x13	9x14	35	127	5"	S754927-T51
								
	3x12	1x8	6x10	9x11	35	89	3 1/2"	S757889-T51
	4x10		6x11	8x13	40	89	3 1/2"	R757989-T51
	4x10		6x11	8x13	35	89	3 1/2"	S757989-T51
	4x11		3x11 4x12	8x13	40	102	4"	R757902-T51
	4x11		7x12	8x13	35	102	4"	S757902-T51
	4x10		3x12 4x13	8x14	35	115	4 1/2"	S757915-T51
Reaming bit								
			8x14	8x14	35	152	6"	S755652-T51
	Pilot diameter :64mm							

RODS

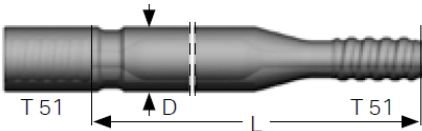
DIMENSIONS

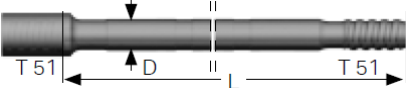
PART NO.

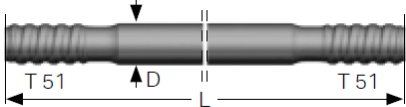
Bit dia. L

D

mm mm ft in mm in

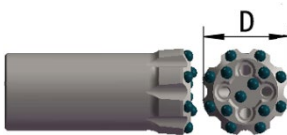
Guide tube							
	89-102	1830	6"		76	3"	797618-20
Female end Ø 76 mm.							

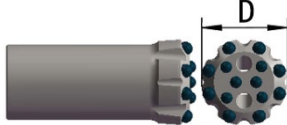
MF-rod, T51 – round 52 – T51						
	1525	5"		52	2"	735515C-20
	1830	6"		52	2"	735518C-20
	Flushing hole Ø 21 mm. Female end Ø 71 mm.					

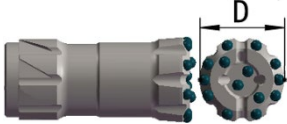
Extension rod,T51-ROUND52-T51						
	3660	12'		52	2"	735337C-30

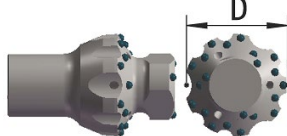
ST58(2 1/4")TUBE DRILLING TOOLS

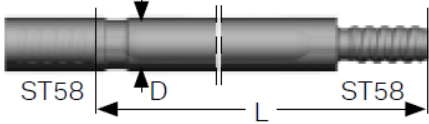
BITS	FLUSHING		BUTTONS		ANGLE		DIMENSIONS		PART NO.
	HOLE,MM		MM				D		
	Front	Gauge	Front	Gauge			mm	in	
	No Size	No Size	No Size	No Size					

XDC,button bit									
	4x10	-	6x12	8x12	35	89	3 1/2"	R758489-ST58	
		-							
		-							
		-							

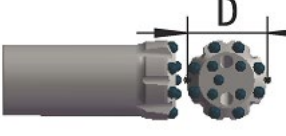
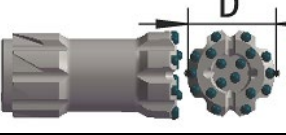
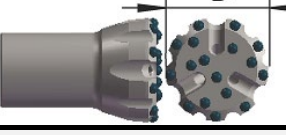
Button bit,Heavy Duty									
	2x15	-	6x12	8x14	35	89	3 1/2"	S756989-ST58	

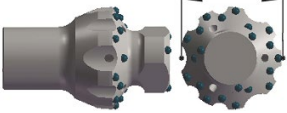
XDC , guide Retractor									
	4x10		4x12	10x12	35	89	3 1/2"	R757389-ST58	

Reaming bit									
				16x14	35	152	6"	S755652-ST58	
	Pilot diameter 76mm								

TUBES	DIMENSIONS					PART NO.
	L			D		
	Mm	ft	in	mm	in	
Drill tube, ST58-Round 76-ST58						
	1525	5"		76	3 "	787615-26
	1830	6"		76	3 "	787618-36
	Flushing hole Ø 26 mm.					

ST68(2 3/4")TUBE DRILLING TOOLS

BITS	FLUSHING		BUTTONS		ANGLE	DIMENSIONS		PART NO.
	HOLE,MM		MM			D		
	Front No Size	Gauge No Size	Front No Size	Gauge No Size		mm	in	
XDC,button bit								
		-						
		-						
	4x10	-	8x12	10x12	35	102	4"	R758402-ST68
	4x10	-	8x14	10x14	35	115	4 1/2"	R758415-ST68
Button bit,Heavy Duty								
	2x15	-	5x14	8x16	35	102	4"	S756902-ST68
XDC , guide Retrac								
	4x10		8x12	10x12	35	102	4"	R757302-ST68
	4x10		8x14	10x14	35	115	4 1/2"	R757315-ST68
Collaring bit								
	3x8	-	8x16	9x16	35	152	6"	S756652-ST68
Reaming bit								

			4x9	12x16	35	152	6"	S755652-ST68
			3x16	18x16	35	204	8"	S755604-ST68
	Pilot diameter 95mm S755652-ST68 Pilot diameter 127mm S755604-ST68							

TUBES

DIMENSIONS

PART NO.

L

D

Mm

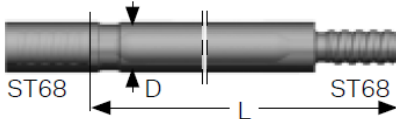
ft

in

mm

in

Drill tube, ST68-Round 87-ST68



1525	5"		87	3 1/2"	798715-26
1525	5"		87	3 1/2"	798715-46 ※
1830	6"		87	3 1/2"	798718-26
1830	6"		87	3 1/2"	798718-46 ※
Flushing hole Ø 30 mm. ※Permanent back flow valve					

DRILLING, Coupling sleeve,

R32

RODS

DIMENSIONS

PART NO.

Bit dia. L

D

mm

mm

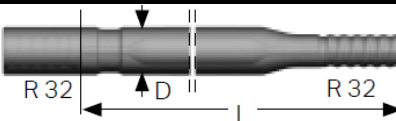
ft

in

mm

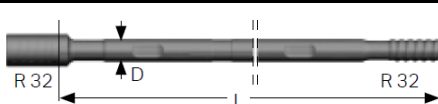
in

Guide tube



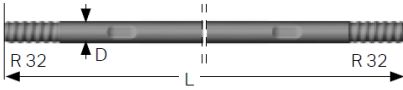
51-64	1830	6"		46	1 3/4"	794618-20
Female end Ø 46 mm.						

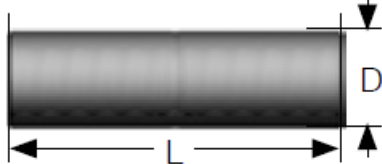
MF-rod, R32 – round 32 – R32



3050	10"		32	1 1/4"	735131-20
3660	12"		32	1 1/4"	735137-20
Flushing hole Ø 9.2 mm. Wrench flat 25.4 mm. Female end Ø 45 mm					

Extension rod, R32-round 32-R32

	2440	8"		32	1 1/4"	733324-30
	3050	10"		32	1 1/4"	733331-30
	3660	12"		32	1 1/4"	733337-30
	Flushing hole Ø 11.7 mm. Wrench flat 25.4 mm.					

Coupling sleeve R32						
	150		5 29/32"	44	1 47/64	7933644

T38/T38+(1 1/2")

RODS

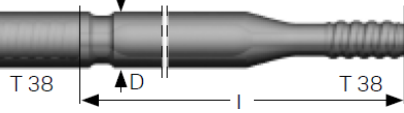
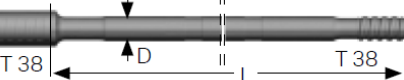
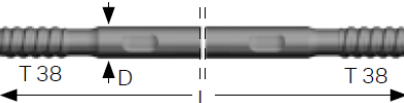
DIMENSIONS

PART NO.

Bit dia. L

D

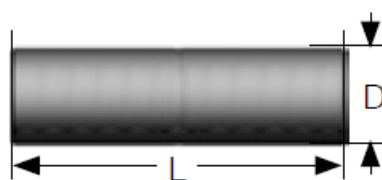
mm mm ft in mm in

Guide tube							
	64-76	3660	12'	--	56		795637-20
Female end OD 56 mm.							
MF-rod, T38 – round 39 – T38							
	3050	10"			39	1 1/2"	734731-70
	3050	10"			39	1 1/2"	734737-80
	3660	12"			39	1 1/2"	734737-70
	3660	12"			39	1 1/2"	734737-80
	4265	14"			39	1 1/2"	734743-70
	4265	14"			39	1 1/2"	734743-80
Flushing hole Ø 14.5 mm. Female end OD 56 mm							
Extension rod, T38-round 39 - T38							
							
	3050	10"			39	1 1/2"	734331C-30
	3660	12"			39	1 1/2"	734337C-30
Flushing hole Ø 14.5 mm. Wrench flat 32 mm							

Light extension rod, T38 –Hex 32 – T38

3050	10"		32	1 1/4"	746831-20
Flushing hole Ø 9.6 mm					

Coupling sleeve T38

	191		7 1/2"	55	2 5/32"	733355

T45/T45+(1 3/4")

RODS

DIMENSIONS

PART NO.

Bit dia. L

D

mm

mm

ft

in

mm

in

Guide tube

76-89	3660	12'	-	63		795637-70
89-102	3660	12"		76		797637-70

Female end Ø 63 mm / 76 mm.

MF-rod, T45 – round 46 – T45

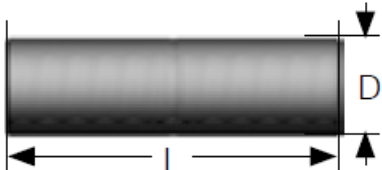
3050	10"		46	1 1/2"	737731-70
3050	10"		46	1 1/2"	737731-80
3660	12"		46	1 1/2"	737737-70
3660	12"		46	1 1/2"	737737-80
4265	14"		46	1 1/2"	737743-70
4265	14"		46	1 1/2"	737743-80

Flushing hole Ø 17 mm. Female end Ø 63 mm.

Extension rod, T45-round 46 – T45

3050	10"		46	1 3/4"	737331C-30
3660	12"		46	1 3/4"	737337C-30
4265	14"		46	1 3/4"	737343C-30

Flushing hole Ø 17 mm.

Coupling sleeve T45						
	210		8 1/8"	63	2 31/64"	753663

T51/T51+(2")

RODS

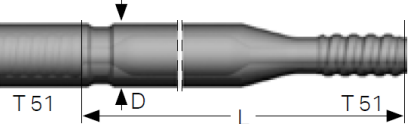
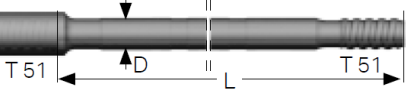
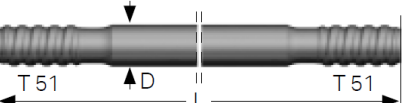
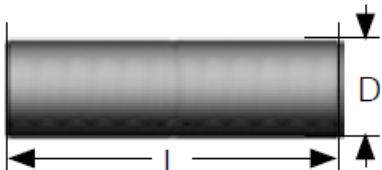
DIMENSIONS

PART NO.

Bit dia. L

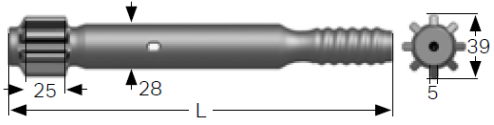
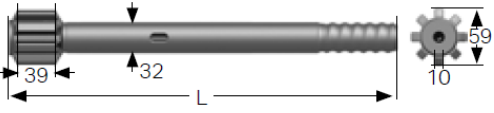
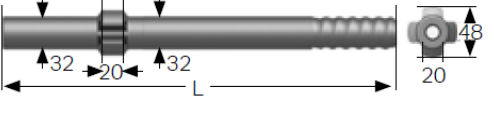
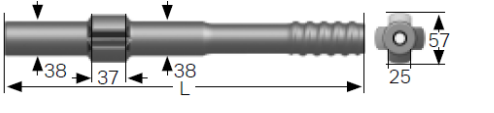
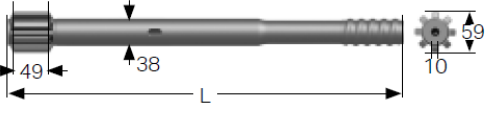
D

mm mm ft in mm in

Guide tube							
	89-102	3660	12'	-	76	3"	797637-70
	102-127	3660	12"		87	3 1/2"	796737-70
Female end Ø 76 mm / 87 mm.							
MF-rod, T51 – round 52 – T51							
	3660	12"			52	2"	735537-70
	3660	12"			52	2"	735537-80
	4265	14"			52	2"	735543-70
	4265	14"			52	2"	735543-80
	5485	17"	11		52	2"	735555-80
	6095	20"			52	2"	735561-70
Flushing hole Ø 21.5 mm. Female end Ø 71 mm.							
Extension rod, T51-round 52 – T51							
							
	3660	12"			52	2"	735337C-30
	4265	14"			52	2"	735343C-30
	6095	20"			52	2"	735361C-30
Flushing hole Ø 21.5 mm.							
Coupling sleeve T51							
	225		8 7/8"		71	2 51/64"	733671
	225		8 7/8"		76	3"	733676

ADAPTERS

APPLICATION FLUSHING THREAD LENGTH(MM) PART NO.
HOLE (MM)

HLX1					
	TU,BO		R23	235	8077570-01
	TU,BO		R25	255	8027567-01
	TU,BO		R28	255	8097567-01
HL 300					
	BE		R32	400	8037549-01
L400, L410, L500, L510, L550					
	BO,PD,TU	10	R32	380	8033602-30
HLR 438L and HLR 438T					
	BE,TU	12.7	R32	380	8034700-50
	BE,TU	12.7	T38	400	3044700-50
HLR 438LS, 438TS, HL 538, HL538L, L550S					
	BE,PD,TU		R32	450	8034700-01
	TU		R38	450	8044700-01
	BE,PD,TU		T38	450	3044700-01
HLR 438LS,HL500-38/HL510-38, HL538L, L550S					
	BE		R32	550	8037535-02
	BE		T35	550	3077535-02
	BE		T38	550	3047535-02
	BE		R38	550	8047535-02
HL 500 S-38 / 510 S-38 / 510 B / 510 LH					

	PD,TU		R32	460	8037531-01
	TU		R38	460	8047531-01
	PD,TU		T38	460	3047531-01
	TU		R38	500	8047536-01
	PD,TU		T38	500	3047536-01
HL 600-45 / HL 600 S-45					
	TU,PD		T38	525	3047537-01
	TU,PD		T45	525	3057537-01
	BE		T38	600	3047532-01
HL 600-52					
	BE		T45	650	3057551-01
	BE		T51	650	3067551-02

TM

