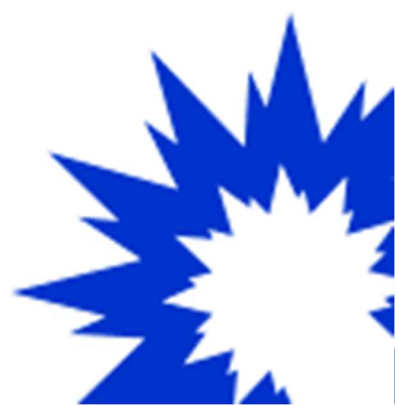
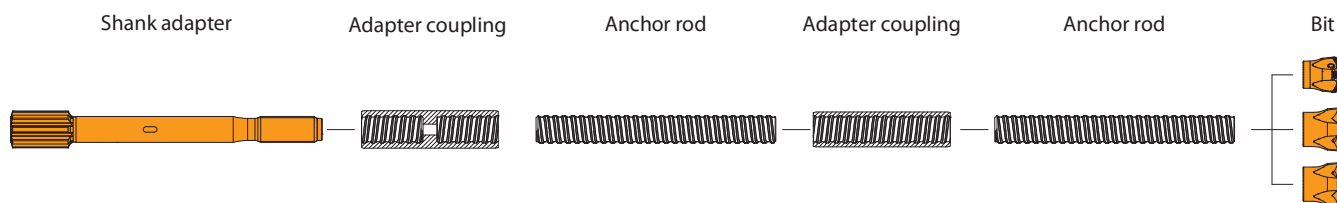




Productos específicos

Sistemas autoperforantes





Rod R25	Outside diameter	Average internal diameter	Average effective cross sectional area	Effective thread diameter	Ultimate load capacity	Yield load capacity	Elongation at maximum force Agt	Weight 1 m
	mm	mm	mm ²	mm	kN	kN	%	kg
R 25-200	25	13,5	312	22,6	200	150	min. 5	2,1

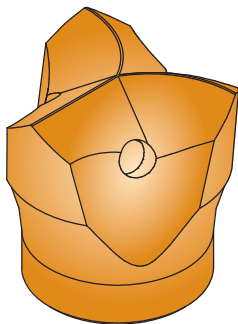
Catalogue numbers according to length

Rods	1 m	2 m	3 m	4 m	6 m
R 25-200	28060100-200	28060200-200	28060300-200	28060400-200	28060600-200

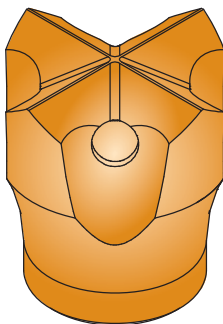
Coupling R25	Diameter	Length	Catalogue no.	Weight
	mm	mm		kg
	36	150	3911113	0,6
Nut R25	Flat size	Length	Catalogue no.	Weight
	mm	mm		kg
	41	41	9201491	0,25
Spherical nut R25	41	41	9201601	0,32
Anchor plate R25	Dimension	Hole diameter	Catalogue no.	Weight
	mm	mm		kg
	150x150x8	30,0	9201481	1,36
	200x200x10	30,0	9201482	2,99

Centralizer R25	Catalogue no.	Weight (kg)
Ø51	92016952	0,50

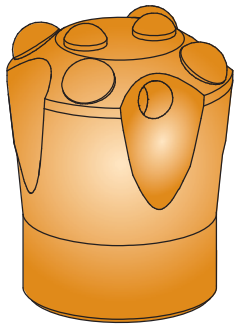
Bits with R25 thread	Catalogue no.	Weight (kg)
Cross bit Ø42 without sintered carbides	5942010	0,21
Cross bit Ø42 with sintered carbides	5942022	0,27
Cross bit Ø45 without sintered carbides	59450102	0,27
Cross bit Ø42 with sintered carbides	59450122	0,34
Cross bit Ø51 without sintered carbides	5951020	0,33
Cross bit Ø51 with sintered carbides	5951032	0,41
Cross bit Ø42 without sintered carbides	5942030	0,23
Cross bit Ø42 with sintered carbides	5942032	0,29
Cross bit Ø51 without sintered carbides	5951040	0,38
Cross bit Ø51 with sintered carbides	5951052	0,41
Asymmetrical bit without sintered carbides	59510801	0,37
Asymmetrical bit with sintered carbides	59510821	0,40



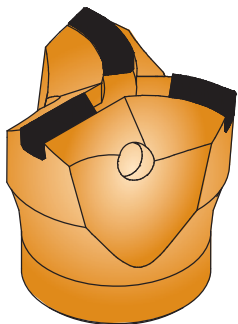
Asymmetrical bit



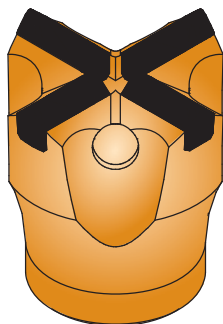
Cross bit



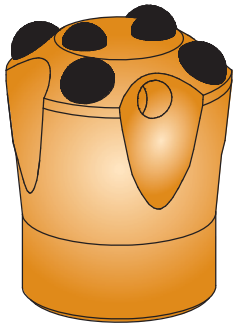
Button bit



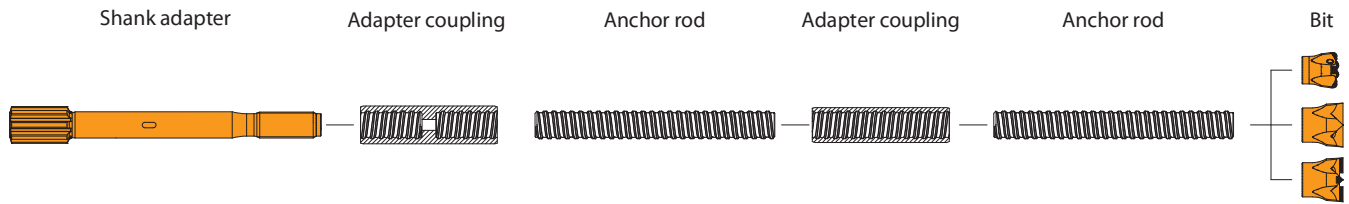
Asymmetrical bit



Cross bit



Button bit



Rod R32	Outside diameter	Average internal diameter	Average effective cross sectional area	Effective thread diameter	Ultimate load capacity	Yield load capacity	Elongation at maximum force Agt	Weight 1 m
	mm	mm	mm ²	mm	kN	kN	%	kg
R 32-210	32	24	320	29,6	210	160	min. 5	2,5
R 32-250	32	22	380	29,6	250	190	min. 5	3,0
R 32-280	32	20	440	29,6	280	220	min. 5	3,5
R 32-320	32	17	480	29,6	320	250	min. 5	3,9
R 32-360	32	15	530	29,6	360	280	min. 5	4,2
R 32-400	32	11	600	29,6	400	330	min. 5	4,8

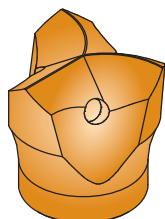
Catalogue numbers according to length

Rods	1 m	2 m	3 m	4 m	6 m
R 32-210	28061100-210	28061200-210	28061300-210	28061400-210	28061600-210
R 32-250	28061100-250	28061200-250	28061300-250	28061400-250	28061600-250
R 32-280	28061100-280	28061200-280	28061300-280	28061400-280	28061600-280
R 32-320	28061100-320	28061200-320	28061300-320	28061400-320	28061600-320
R 32-360	28061100-360	28061200-360	28061300-360	28061400-360	28061600-360
R 32-400	28061100-400	28061200-400	28061300-400	28061400-400	28061600-400

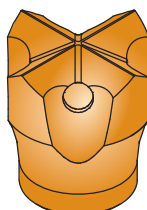
Coupling R32	Diameter	Length	Catalogue no.	Weight
	mm	mm		kg
	42	160	3941413	0,85
Nut R32	Flat size	Length	Catalogue no.	Weight
	mm	mm		kg
	46	46	9201492	0,35
Spherical nut R32	46	52	9201602	0,54
Anchor plate R32	Dimension	Hole diameter	Catalogue no.	Weight
	mm	mm		kg
	150x150x6	38,0	92014832	1,04
	150x150x8	38,0	9201483	1,37
	150x150x10	38,0	92014833	1,71
	180x180x8	38,0	92014834	1,96
	200x150x8	38,0	92014831	1,82
	200x200x8	38,0	92014846	2,40
	200x200x10	38,0	9201484	2,97
	200x200x12	38,0	92014842	3,66

CENTRALIZER R32	Catalogue no.	Weight (kg)
CENTRALIZER Ø51	92016911	0,48
PLASTIC CENTRALIZER Ø51	92016911 P	0,05
CENTRALIZER Ø76	9201691	0,57

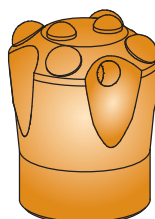
Bits with R32 thread	Catalogue no.	Weight (kg)
Cross bit Ø45 without sintered carbides	5945010	0,29
Cross bit Ø45 with sintered carbides	5945012	0,32
Cross bit Ø51 without sintered carbides	59510201	0,31
Cross bit Ø51 with sintered carbides	59510321	0,39
Cross bit Ø64 without sintered carbides	5964010	0,60
Cross bit Ø64 with sintered carbides	5964012	0,65
Cross bit Ø76 without sintered carbides	5976010	0,80
Cross bit Ø76 with sintered carbides	5976022	0,84
Button bit Ø51 without sintered carbides	59510401	0,36
Button bit Ø51 with sintered carbides	59510521	0,39
Button bit Ø76 without sintered carbides	59760601	0,70
Button bit Ø76 with sintered carbides	59760651	0,75
Button bit Ø90 without sintered carbides	5990040	1,31
Button bit Ø90 with sintered carbides	5990045	1,37
Asymmetrical bit Ø51 without sintered carbides	5951080	0,35
Asymmetrical bit Ø51 with sintered carbides	5951082	0,38
Asymmetrical bit Ø76 without sintered carbides	5976070	0,73
Asymmetrical bit Ø76 with sintered carbides	5976072	0,80
Asymmetrical-button bit Ø76 without sintered carbides	59760902	0,90
Asymmetrical-button bit Ø76 with sintered carbides	59760962	1,02
Clay bit Ø76	5976120	0,80
Clay bit Ø95	5995030	0,90
Clay bit Ø110	59110301	1,37
Clay bit Ø115	59115301	1,40
Clay bit Ø130	59130306	1,50
Clay bit Ø150	59150306	2,00



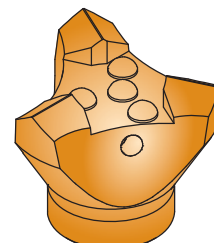
Asymmetrical
bit



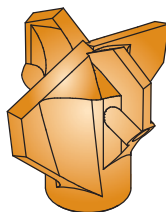
Cross bit



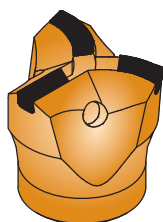
Button
bit



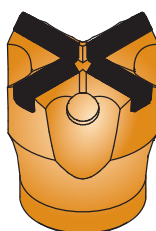
Asymmetrical-button bit



Clay bit



Asymmetrical
bit



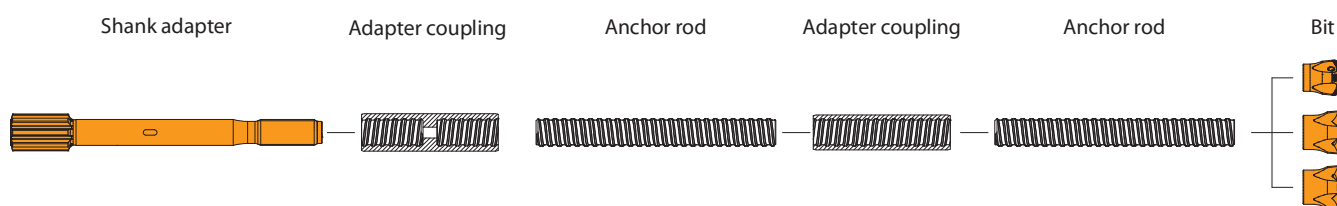
Cross bit



Button
bit



Asymmetrical-button bit



Rod R38	Nominal diameter	Min. Diameter of the thread of the rod after rolling	Effective cross sectional area	Effective diameter of the thread	Ultimate load capacity	Yield load capacity	Elongation at maximum force	Weight 1 m
	mm	mm	mm ²	mm	kN	kN	%	kg
R 38-420	38	24	630	35,6	420	350	min. 5	5,0
R 38-500	38	19	750	35,6	500	400	min. 5	6,0
R 38-550	38	17	840	35,6	550	450	min. 5	6,2

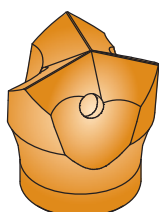
Catalogue numbers according to length

Rods	1 m	2 m	3 m	4 m	6 m
R 38-420	28062100-420	28062200-420	28062300-420	28062400-420	28062600-420
R 38-500	28062100-500	28062200-500	28062300-500	28062400-500	28062600-500
R 38-550	28062100-550	28062200-550	28062300-550	28062400-550	28062600-550

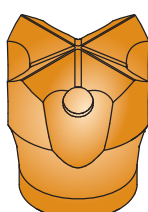
Coupling R38	Diameter	Length	Catalogue no.	Weight
	mm	mm		kg
	51	180	3921213	1,4
Nut R38	Flat size	Length	Catalogue no.	Weight
	mm	mm		kg
	50	49	9201493	0,4
Spherical nut R38	55	65	9201603	0,9
Anchor plate R38	Dimension	Hole diameter	Catalogue no.	Weight
	mm	mm		kg
	200x200x8	43,5	92014854	2,35
	200x200x10	43,5	9201489	2,94
	200x200x12	43,5	9201485	3,6
	200x300x12	43,5	92014852	5,6
	300x300x25	41,0	9201705	17,4

CENTRALIZER R38	Catalogue no.	Weight (kg)
CENTRALIZER Ø76	92016931	0,55
PLASTIC CENTRALIZER Ø76	92016931 P	0,06
CENTRALIZER Ø90	92016932	0,61

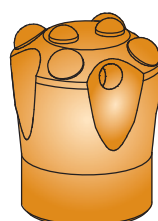
Bits with R38 thread	Catalogue no.	Weight (kg)
Cross bit Ø64 without sintered carbides	59640101	0,60
Cross bit Ø64 with sintered carbides	59640121	0,65
Cross bit Ø76 without sintered carbides	59760101	0,85
Cross bit Ø76 with sintered carbides	59760221	0,90
Cross bit Ø90 without sintered carbides	59900301	1,34
Cross bit Ø90 with sintered carbides	59900321	1,40
Button bit Ø76 without sintered carbides	5976060	0,68
Button bit Ø76 with sintered carbides	5976065	0,73
Button bit Ø90 without sintered carbides	59900401	1,42
Button bit Ø90 with sintered carbides	59900451	1,48
Button bit Ø100 without sintered carbides	59000603	1,50
Button bit Ø100 with sintered carbides	59000653	1,64
Button bit drop center Ø115 without sintered carbides	5915010	1,80
Button bit drop center Ø115 with sintered carbides	5915015	1,94
Asymmetrical bit Ø76 without sintered carbides	59760701	0,73
Asymmetrical bit Ø76 with sintered carbides	59760721	0,80
Asymmetrical-button bit Ø76 without sintered carbides	5976090	0,88
Asymmetrical-button bit Ø76 with sintered carbides	5976092	1,00
Asymmetrical-button bit Ø90 without sintered carbides	59900801	1,10
Asymmetrical-button bit Ø90 with sintered carbides	59900851	1,20
Clay bit Ø95	5994030	0,95
Clay bit Ø110	59110302	1,40
Clay bit Ø115	59115302	1,45
Clay bit Ø130	59130304	1,50
Clay bit Ø150	59150301	1,60



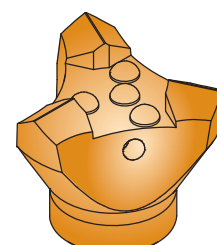
Asymmetrical bit



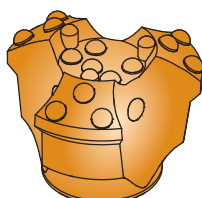
Cross bit



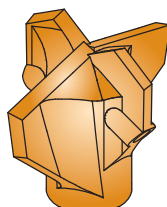
Button bit



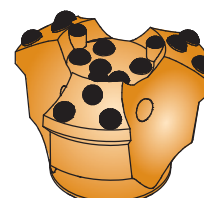
Asymmetrical-button bit



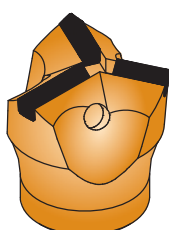
Button bit drop center



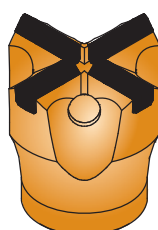
Clay bit



Button bit drop center



Asymmetrical bit



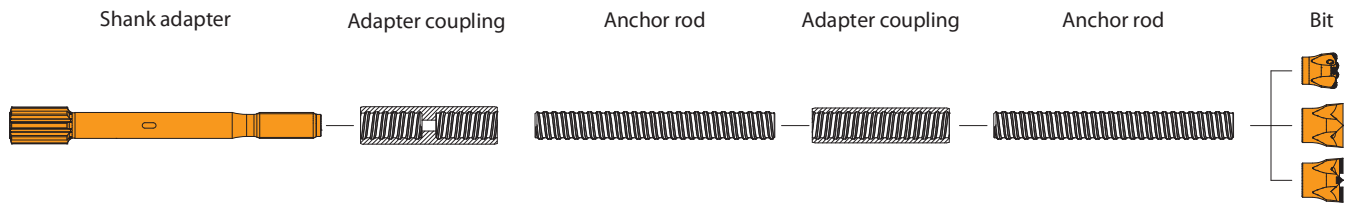
Cross bit



Button bit



Asymmetrical-button bit



Rod R51	Outside diameter	Average internal diameter	Average effective cross sectional area	Effective thread diameter	Ultimate load capacity	Yield load capacity	Elongation at maximum force	Weight 1 m
	mm	mm	mm ²	mm	kN	kN	%	kg
R 51-550	51	38,0	840	48,6	550	450	min. 5	6,5
R 51-660	51	34,5	990	48,6	660	540	min. 5	7,7
R 51-800	51	30,0	1190	48,6	800	640	min. 5	9,5

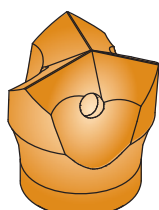
Catalogue numbers according to length

Rods	1 m	2 m	3 m	4 m	6 m
R 51-550	28063100-550	28063200-550	28063300-550	28063400-550	28063600-550
R 51-660	28063100-660	28063200-660	28063300-660	28063400-660	28063600-660
R 51-800	28063100-800	28063200-800	28063300-800	28063400-800	28063600-800

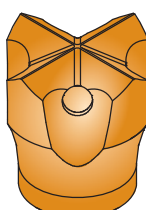
Coupling R51	Diameter	Length	Catalogue no.	Weight
	mm	mm		kg
	63	200	3991913	1,9
Nut R51	Flat size	Length	Catalogue no.	Weight
	mm	mm		kg
	75	70	9201494	1,55
Spherical nut R51	75	70	9201604	1,7
Anchor plate R51	Dimension	Hole diameter	Catalogue no.	Weight
	mm	mm		kg
	150x150x12	54	92014864	2,1
	200x200x10	54	92014866	2,9
	200x200x12	54	9201486	3,6
	200x200x15	54	92014867	4,7
	300x300x10	54	92014862	7,0
	300x300x15	54	92014861	10,3
	250x250x40	56	9201703	18,7
	300x300x25	56	92017031	17,2
	200x200x30	56	920170172	8,8
	200x200x40	56	92017073	11,8

CENTRALIZER R51	Catalogue no.	Weight (kg)
CENTRALIZER Ø90	92016942	0,60
PLASTIC CENTRALIZER Ø90	92016942 P	0,07
CENTRALIZER Ø110	920169421	0,63

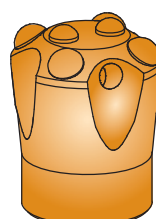
Bits with R51 thread	Catalogue no.	Weight (kg)
Cross bit Ø76 without sintered carbides	59760104	0,77
Cross bit Ø76 with sintered carbides	59760124	0,80
Cross bit Ø90 without sintered carbides	59900302	1,46
Cross bit Ø90 with sintered carbides	59900322	1,50
Button bit Ø90 without sintered carbides	59760604	1,00
Button bit Ø76 with sintered carbides	59760654	1,08
Button bit Ø100 without sintered carbides	59900402	1,35
Button bit Ø90 with sintered carbides	59900452	1,42
Button bit Ø100 without sintered carbides	5900060	1,50
Button bit Ø100 with sintered carbides	5900065	1,64
Button bit drop center Ø115 without sintered carbides	59150101	1,86
Button bit drop center Ø115 with sintered carbides	59150151	2,00
Cross-button bit Ø115 without sintered carbides	5911500	1,88
Cross-button bit Ø115 with sintered carbides	5911505	1,95
Asymmetrical bit Ø90 without sintered carbides	5990090	1,05
Asymmetrical bit Ø90 with sintered carbides	5990092	1,16
Asymmetrical-button bit Ø90 without sintered carbides	59900802	1,27
Asymmetrical-button bit Ø90 with sintered carbides	59900852	1,30
Asymmetrical bit Ø90 with sintered carbides	5990092	1,36
Clay bit Ø110	59110304	1,85
Clay bit Ø130	59130303	1,92
Clay bit Ø150	59150302	2,20
Clay bit Ø175	59175301	2,40
Clay bit Ø200	59200304	2,60



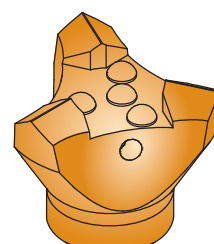
Asymmetrical bit



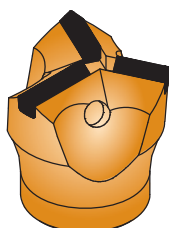
Cross bit



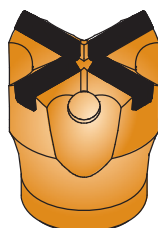
Button bit



Asymmetrical-button bit



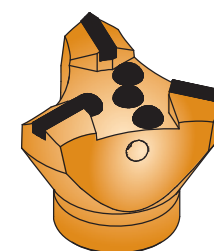
Asymmetrical bit



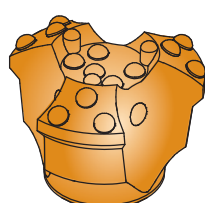
Cross bit



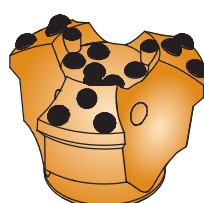
Button bit



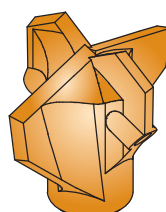
Asymmetrical-button bit



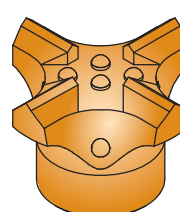
Button bit drop center



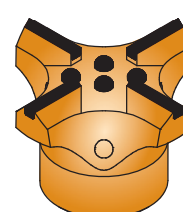
Button bit drop center



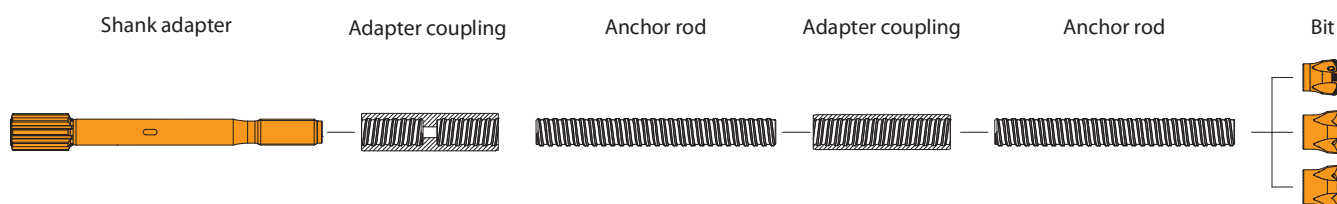
Clay bit



Cross-button bit



Cross-button bit



Rod T76	Outside diameter	Average internal diameter	Average effective cross sectional area	Effective thread diameter	Ultimate load capacity	Yield load capacity	Elongation at maximum force	Weight 1 m
	mm	mm	mm ²	mm	kN	kN	%	kg
T 76-1300	76	56,0	1950	72,9	1300	1000	min. 5	15,4
T 76-1650	76	46,0	2400	72,9	1650	1200	min. 5	18,9
T 76-1900	76	38,0	2930	72,9	1900	1500	min. 5	23,0

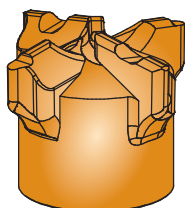
Catalogue numbers according to length

Rods	1 m	2 m	3 m	4 m	6 m
T 76-1300	28072100-1300	28072200-1300	28072300-1300	28072400-1300	28072600-1300
T 76-1650	28072100-1650	28072200-1650	28072300-1650	28072400-1650	28072600-1650
T 76-1900	28072100-1900	28072200-1900	28072300-1900	28072400-1900	28072600-1900

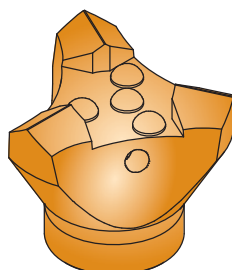
Coupling T76	Diameter	Length	Catalogue no.	Weight
	mm	mm		kg
	95	220	3999916	4,5
Nut T76	Flat size	Length	Catalogue no.	Weight
	mm	mm		kg
	100	80	9201498	2,7
Spherical nut T76	100	70	92016016	2,7
Anchor plate T76	Dimension	Hole diameter	Catalogue no.	Weight
	mm	mm		kg
	200x200x30	80	9201701	8,2
	250x250x40	80	9201682	18
	250x250x45	80	92016821	20,4
	250x250x60	80	9201681	27
	350x350x20	80	9201683	17,5

CENTRALIZER T76	Catalogue no.	Weight (kg)
CENTRALIZER Ø 125	9201690	1,52

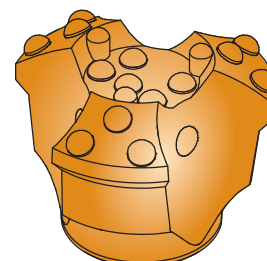
Bits with T76 thread	Catalogue no.	Weight (kg)
Cross bit Ø130 without sintered carbides	5913060	3,05
Cross bit Ø130 with sintered carbides	5913064	3,20
Cross bit Ø200 without sintered carbides	5920040	6,90
Cross bit Ø200 with sintered carbides	5920044	7,10
Button bit drop center Ø130 without sintered carbides	5913080	4,05
Button bit drop center Ø130 with sintered carbides	5913085	4,05
Asymmetrical-button bit Ø130 without sintered carbides	59130701	4,40
Asymmetrical-button bit Ø130 with sintered carbides	59130751	4,50
Clay bit Ø130	5913030	3,50
Clay bit Ø150	59150305	3,70
Clay bit Ø200	5920030	5,45
Clay bit Ø250	5925030	6,70
Clay bit Ø300	5930030	10,00



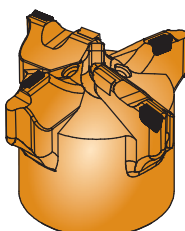
Cross bit



Asymmetrical-button bit



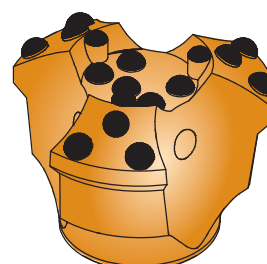
Button bit drop center



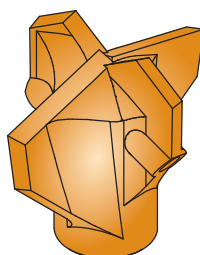
Cross bit



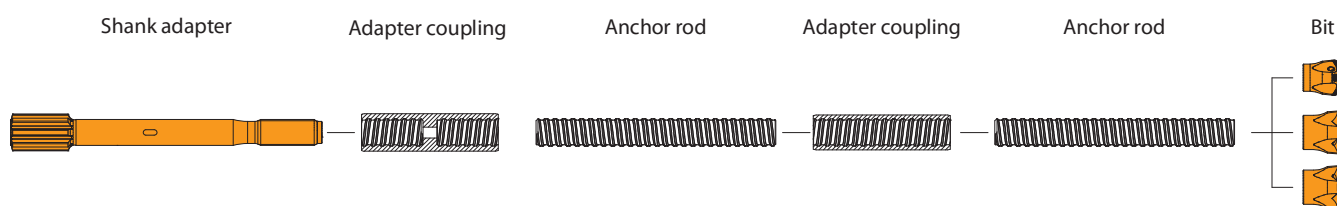
Asymmetrical-button bit



Button bit drop center



Clay bit



Rod T103	Outside diameter	Average internal diameter	Average effective cross sectional area	Effective thread diameter	Ultimate load capacity	Yield load capacity	Elongation at maximum force	Weight 1 m
	mm	mm	mm ²	mm	kN	kN	%	kg
T 103-2300	103	76,0	3450	98,70	2300	1900	min. 5	27,0

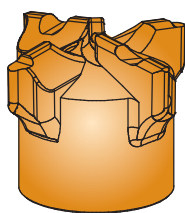
Catalogue numbers according to length

Rods	1 m	2 m	3 m	4 m	6 m
T 103-2300	28070100-2300	28070200-2300	28070300-2300	28070400-2300	28070600-2300

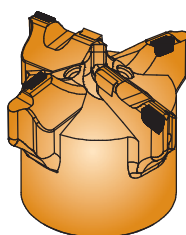
Coupling T103	Diameter	Length	Catalogue no.	Weight
	mm	mm		kg
	123	255	3999918	9,0
Nut T103	Flat size	Length	Catalogue no.	Weight
	mm	mm		kg
	125	80	9201499	3,9
Spherical nut T103	125	80	92016014	3,9
Anchor plate T103	Dimension	Hole diameter	Catalogue no.	Weight
	mm	mm		kg
	250x250x50	110	920170401	20,8
	300x300x50	110	9201702	31,2
	300x300x60	110	9201704	37,7
	300x300x70	110	920170403	43,9

CENTRALIZER T103	Catalogue no.	Weight (kg)
CENTRALIZER Ø175	92016981	3,00

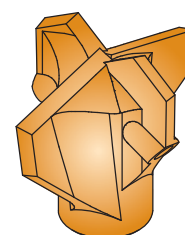
Bits with T104 thread	Catalogue no.	Weight (kg)
Cross bit Ø175 without sintered carbides	59175100	7,80
Cross bit Ø175 with sintered carbides	59175120	8,00
Clay bit Ø225	5922530	9,00
Clay bit Ø280	59280305	10,50



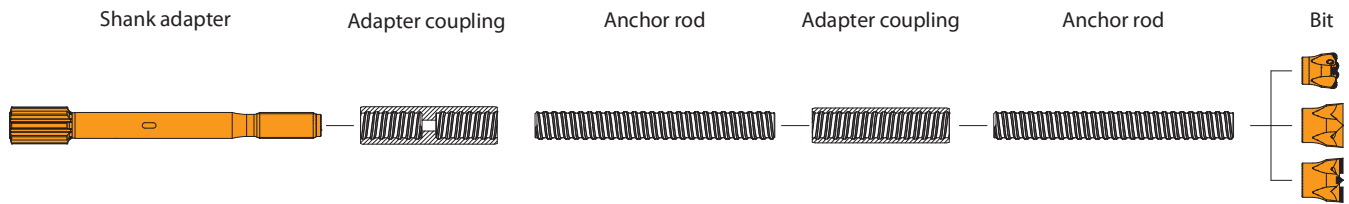
Cross bit



Cross bit



Clay bit



Rod TG104	Outside diameter	Average internal diameter	Average effective cross sectional area	Effective thread diameter	Ultimate load capacity	Yield load capacity	Elongation at maximum force	Weight 1 m
	mm	mm	mm ²	mm	kN	kN	%	kg
TG104-3550	104	57,0	5500	98,7	3550	2680	Min.5	43,2

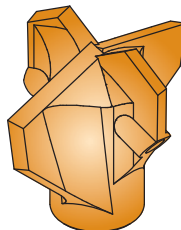
Catalogue numbers according to length

Rods	1 m	2 m	3 m	4 m	6 m
TG104-3550	28071100-3550	28071200-3550	28071300-3550	28071400-3550	28071600-3550

Coupling TG104	Diameter	Length	Catalogue no.	Weight
	mm	mm		kg
	135	290	3999919	14,85
Nut TG104	Flat size	Length	Catalogue no.	Weight
	mm	mm		kg
	135	95	92014991	6,0
Spherical nut TG104	125	130	920160141	5,9
Anchor plate TG104	Dimension	Hole diameter	Catalogue no.	Weight
	mm	mm		kg
	250x250x50	110	920170401	20,8
	300x300x50	110	9201702	31,2
	300x300x60	110	9201704	37,7
	300x300x70	110	920170403	43,9

CENTRALIZER TG104	Catalogue no.	Weight (kg)
CENTRALIZER Ø175	92016981	3,00

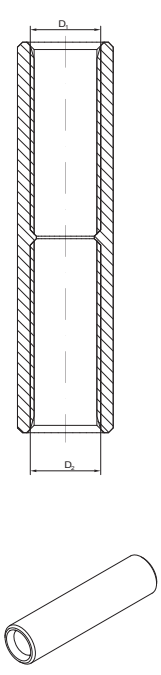
Bits with TG104 thread	Catalogue no.	Weight (kg)
Clay bit Ø175	59175200	8,30
Clay bit Ø280	59280304	10,40

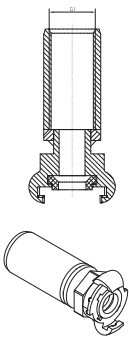


Clay bit

ADAPTER FOR BITS	Type	G1	G2	Catalogue no.	Weight (kg)
	R25 → R32	R25	R32	3941106	0,13
	R25 → R38	R25	R38	3921106	0,20
	R25 → Ti40	R25	Ti40	3917906	0,20
	R32 → R25	R32	R25	3911406	0,13
	R32 → R38	R32	R38	3921406	0,10
	R32 → R51	R32	R51	3951406	0,47
	R32 → Ti40	R32	Ti40	3927406	0,10
	R38 → R25	R38	R25	3911206	0,20
	R38 → R32	R38	R32	39412061	0,10
	R38 → R51	R38	R51	3951206	0,34
	R38 → T76	R38	T76	3997206	2,00
	Ti40 → R51	Ti40	R51	3927506	0,34
	R51 → R32	R51	R32	3951406	0,47
	R51 → R38	R51	R38	3951206	0,34
	R51 → T76	R51	T76	3997506	1,45
	T76 → R51	T76	R51	3957906	1,45

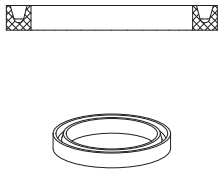
ADAPTER FOR DRILLING	Type	Description	Catalogue no.	Weight (kg)
	6kt22	Adapter hex22x108 R25 Ø45	3918712	1,73
	6kt22	Adapter hex22x108 R32 Ø45	3948700	1,73
	6kt22	Adapter hex22x108 R38 Ø55	3928700	1,60
	6kt22	Adapter hex22x108 T30 Ø42	3949700	1,90
	6kt22	Adapter hex22x108 T40 Ø53	3939700	2,20
	6kt22	Adapter hex25x108 R32 Ø45	3948100	2,20
	6kt22	Adapter hex25x159 R32 Ø45	3948125	2,20
	6kt22	Adapter hex25x159 R38 Ø55	3928125	2,20
	6kt22	Adapter hex25x159 Ti40 Ø53	3939125	2,20

Coupling adapter	Type	Catalogue no.	Weight (kg)
	R25-R25	3911100	0,8
	R25-T38	3917205	2,1
	R25-R38	3911200	1,8
	R32-R25	3911400	1,2
	R32-R32	3941400	0,9
	R32-T38	3947202	2,2
	R32-T45	3937401	3,3
	R38-R32	3941200	1,9
	R38-R38	3921200	1,7
	R38-R51	3991200	4,5
	R38-T76	3997203	8,4
	R38-T38	3927200	1,7
	R38-T45	3937200	2,8
	R38-T51	3957200	4,6
	T38-R51	3997200	4,5
	R51-T45	3997304	5,1
	R51-T38	3997200	4,5
	R51-T51	3957500	4,3
	T76-R51	3997503	7,2
	T76-R38	3997203	8,4
	T76-T51	3992503	8,3
	T76-T45	3992302	8,4
	T76-T38	3992202	8,4

ADAPTER FOR INJECTION	Type	G1	Catalogue no.	Weight (kg)
	R25	R25	9202100	0,58
	R32	R32	9202110	0,58
	R38	R38	9202120	0,88
	R51	R51	9202130	1,50
	T76	T76	9202140	2,2

CONNECTOR FOR INJECTION HEAD	Type	Description G2/G1	Catalogue no.	Weight (kg)
	GB 70	Connector for injection head GB70 R32/R32	9201776	8,3
	GB 70	Connector for injection head GB70 R38/R32	9201773	8,0
	GB 70	Connector for injection head GB70 R38/R32 through hole Ø14	92017731	8,0
	GB 70	Connector for injection head GB70 R32/R32	9201775	8,12
	GB 70	Connector for injection head GB70 T38/R38	9201771	8,1
	GB 70	Connector for injection head GB70 R38/R38	9201772	8,1
	GB 70	Connector for injection head GB70 T38/R25	9201774	8,2
	GB 70	Connector for injection head GB70 T38/R32	9201770	8,1
	GB 70	Connector for injection head GB70 T38/T38	9201777	8,1
	GB 80	Connector for injection head GB80 T45/R32	9201931	8,5
	GB 80	Connector for injection head GB80 T45/R38	9201932	8,5
	GB 85	Connector for injection head GB85 T45/R51	9201923	9,2
	GB 85	Connector for injection head GB85 T45/R32	9201921	9,2
	GB 85	Connector for injection head GB85 T45/R38	9201922	9,2
	GB 85	Connector for injection head GB85 H55/R32	9201924	9,2
	GB 85	Connector for injection head GB85 H55/R38	9201925	9,2
	GB 85	Connector for injection head GB85 H55/R51	9201926	9,2
	GB 85	Connector for injection head GB85 H55/B41	92019271	9,0
	GB 85	Connector for injection head GB85 H55/B47	92019272	9,0
	GB 100	Connector for injection head GB100 H55/R32	9201943	17,2
	GB 100	Connector for injection head GB100 H55/R38	9201941	17,2
	GB 100	Connector for injection head GB100 H55/R51	9201942	17,2
	GB 110	Connector for injection head GB110 T76/T76	9201951	17,2

LEADING HEAD	Type	Description	D	Catalogue no.	Weight (kg)
	GB 65	Leading head GB65	65	9201870	9,55
	GB 70	Leading head GB70	70	9201760	7,6
	GB 80	Leading head GB80	80	9201880	10,00
	GB 85	Leading head GB85	85	9201860	9,35
	GB 100	Leading head GB100	100	9201900	10,8
	GB 110	Leading head GB110	110	9201910	11,6

SEAL	Type	Description	D	Catalogue no.
	GB 70	Seal U2 70x90x12 dla GB70	70	cz7810019023
	GB 80	Seal U2 80x100x10 dla GB80	80	cz7810019033
	GB 85	Seal U2 85x105x12 dla GB85	85	cz7810012784
	GB 100	Seal U2 dla GB100	100	cz7810019054
	GB 110	Seal U2 110x130x15 dla GB110	110	cz7810019053



Productos específicos

Sistemas autoperforantes

