



High capacity self drilling anchors

R32 STANDARD -- R32 TERMIC



		ANCHOR ROD					
		STANDARD			TERMIC		
Item no		RR03204S	RR03206S	RR03207S	RR03204T	RR03205T	RR03207T
Ultimate Load	kN	250	300	400	380	450	580
Yield point	kN	210	240	320	325	380	460
Min Internal Ø	mm	18,9	17,0	14,0	18,9	17,9	14,0
Weight	kg/mt	2,92	3,57	4,25	2,92	3,33	4,25

Left Thread - 50 rods per bundle

		COUPLING			NUT			EYENUT	CENTRALIZER	ADAPTER
Item no		RM032C	RM032S	RM032T	RD032C	RD032S	RD032T	RG032	RC032070	RA038032B
Power	kN	400	400	550	400	400	530	400		
Ø	mm	42	42	45	45	46	46	50	70	
Length	mm	125	160	150	45	50	60			
Type		NO Middlestop	Middlestop	Middlestop	Short	Domed	Exhagonal			
Weight	kg	0,7	0,8	1,0	0,4	0,5	0,5	0,9	0,2	0,1

		PLATE									
		FLAT				DOMED					
Item no		RP150x08F	RP150x10F	RP200x08F	RP200x10F	RP200x12F	RP200x20F	RP150x08D	RP200x08D	RP200x10D	RP200x12D
Dims	mm	150 x 150	150 x 150	200 x 200	200 x 200	200 x 200	200 x 200	150 x 150	200 x 200	200 x 200	200 x 200
Thickness	mm	8	10	8	10	12	20	8	8	10	12
Hole	mm	38	38	38	38	38	38	38	38	38	38
Weight	kg	1,4	1,7	2,5	3,1	3,7	6,2	1,4	2,5	3,1	3,7

		BIT								
		SOFT	MEDIUM				HARD			
Item no		RB032076CL	RB032051LX	RB032051L4	RB032076L3	RB032076B9	RB032051BW6	RB032051L4W	RB032076BW9	
Ø		76 mm	51 mm	51 mm	76 mm	76 mm	51 mm	51 mm	76 mm	
TYPE		Clay bit tempered steel	X Bit	Cross bit - EX	3 Wings bit temp. Steel	Steel Button Bit 9 ESSF	Widia Button Bit 6 ESSF	Cross bit with Widia EXX	Widia Button Bit 6 ESSF	
Strength		<40 SPT	<50 SPT	<50 SPT	<50 SPT	>50 SPT	<100 Mpa	<100 Mpa	<100 Mpa	
Weight kg		0,5	0,4	0,4	1,2	1,3	0,5	0,4	1,2	



High capacity self drilling anchors

R38 STANDARD -- R38 TERMIC



		ANCHOR ROD			Left Thread - 50 rods per bundle		
		STANDARD			TERMIC		
Item no		RR03807S	RR03808S	RR03805T	RR03807T	RR03808T	
Ultimate Load	kN	440	600	580	700	820	
Yield point	kN	360	450	480	600	650	
Min Internal Ø	mm	21,0	18,5	25,0	21,0	18,5	
Weight	kg/mt	5,50	6,00	4,30	5,50	6,00	

		COUPLING			NUT			EYENUT	CENTRALIZER	ADAPTER
Item no		RM038C	RM038S	RM038T	RD038C	RD038S	RD038T	RG038	RC038090	RA051038B
Power	kN	450	450	740	550	550	740	550		
Ø	mm	51	51	60	55	52	60	50	90	
Length	mm	160	200	180	50	60	70			
Type		NO Middlestop	Middlestop	Middlestop	Short	Domed	Exhagonal			
Weight	kg	1,2	1,4	2,5	0,5	0,8	1,1	1,2	0,4	0,2

		PLATE					
		FLAT			DOMED		
Item no		RP200x10F	RP200x12F	RP200x20F	RP200x10D	RP200x12D	
Dims	mm	200 x 200	200 x 200	200 x 200	200 x 200	200 x 200	
Thickness	mm	10	12	20	10	12	
Hole	mm	44	44	44	44	44	
Weight	kg	3,1	3,7	6,2	3,1	3,7	

		BIT										
		SOFT					MEDIUM			HARD		
Item no		RB038076CLI	RB038095CLI	RB038110CLI	RB038130CLI	RB038090CLD	RB038076L3	RB038076B9	RB038115B17	RB038076BW9	RB038090BW12	
Ø		76 mm	95 mm	110 mm	130 mm	90 mm	76 mm	76 mm	115 mm	76 mm	90 mm	
TYPE		Clay bit - inclined wing tempered steel					Clay bit - drop center tempered steel		3 Wings bit temp. Steel	Steel Button Bit ESF		
Strength		<40 SPT					<40 SPT		>50 SPT	Widia Button Bit ESSF <100 Mpa		
Weight kg		0,8	1,0	1,2	1,8	1,0	0,9	1,2	2,5	1,5	2,0	



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R51 STANDARD -- R51 TERMIC



		ANCHOR ROD			
		STANDARD		TERMIC	
		Left Thread - 50 rods per bundle			
Item no		RR05107S	RR05109S	RR05107T	RR05109T
Ultimate Load	kN	620	800	1000	1200
Yield point	kN	500	630	800	1000
Min Internal Ø	mm	37,0	32,0	37,0	32,0
Weight	kg/mt	7,43	9,38	7,43	9,38

		COUPLING			NUT			CENTRALIZER
Item no		RM051C	RM051S	RM051T	RD051S	RD051M	RD051T	RC051100
Power	kN	850	1100	1300	1200	1200	1200	
Ø	mm	72	70	73	75	72	75	100
Length	mm	160	170	180	80	85	80	
Type		NO Middlestop	NO Middlestop	Middlestop	Exhagonal	Domed	Exhagonal	
Weight	kg	2,2	3,0	3,5	1,7	1,5	1,8	0,8

		PLATE FLAT	
Item no		RP200x20F	RP250x25F
Dims	mm	200 x 200	250 x 250
Thickness	mm	20	25
Hole	mm	58	58
Weight	kg	6,2	12,3

		BIT									
		SOFT				MEDIUM			HARD		
Item no		RB051110CL	RB051130CL	RB051150CL	RB051180A3	RB051095L3	RB051110L3	RB051115BD17	RB051090BW12	RB051115BW15	RB051090BWH11
Ø		110 mm	130 mm	150 mm	180 mm	95 mm	110 mm	115 mm	90 mm	115 mm	90 mm
TYPE		Clay bit tempered steel			3 Wings bit steel	3 Wings bit temp. Steel		Steel Button Bit Drop Center - ESD	Widia Button Bit 12 - ESSF		Widia Button Bit Heavy Duty 11
Strength		<40 SPT			<40 SPT	<50 SPT		<50 SPT	<100 Mpa		<100 Mpa
Weight kg		1,5	1,5	2,3	4,0	1,5	1,3	2,0	1,8	1,9	2,2



High capacity self drilling anchors

R76 STANDARD -- R76 TERMIC



ANCHOR ROD

Right Thread - 24 rods per bundle

STANDARD

TERMIC

Item no		STANDARD				TERMIC		
		RR07606S	RR07608S	RR07610S	RR07612S	RR07606T	RR07608T	RR07610T
Ultimate Load	kN	850	1100	1300	1600	1400	1800	2200
Yield point	kN	680	850	1050	1300	1100	1400	1700
Min Internal Ø	mm	64,0	60,0	56,0	51,0	64,0	60,0	56,0
Weight	kg/mt	11,57	13,95	16,65	19,60	11,57	13,95	16,65

COUPLING



NUT



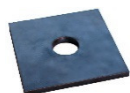
CENTRALIZER



Item no		COUPLING			NUT			CENTRALIZER
		RM076C	RM076S	RM076T	RD076P	RD076T	RD076M	RC076120
Power	kN	1100	1100	2500	1300	1500	2500	
Ø	mm	88,9	88,9	101,6	88,9	100	101,6	120
Length	mm	200	230	230	110	85	110	
Type		NO Middlestop	Middlestop	Middlestop	Exhagonal	Exhagonal	Coupling/Nut	
Weight	kg	2,8	3,2	6,5	1,5	2,6	3,1	1,3

PLATE

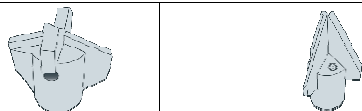
FLAT



Item no		PLATE		
		RP200x20F	RP250x25F	RP300x30F
Dims	mm	200 x 200	250 x 250	300 x 300
Thickness	mm	20	25	30
Hole	mm	84	84	84
Weight	kg	6,2	12,3	21,2

BIT

SOFT



MEDIUM



HARD



Item no	SOFT			MEDIUM		HARD	
	RB076130CLI	RB076180A3	RB076200A3	RB076130L4S	RB076180L4S	RB076130BW16	RB076150BW18
Ø	130 mm	180 mm	200 mm	130 mm	180 mm	130 mm	150 mm
TYPE	Clay bit - inclined wing tempered steel	3 Wings bit steel	3 Wings bit steel	4 Wings Stepped bit	4 Wings Stepped bit	Widia Button Bit - ESSF	Widia Button Bit - ESSF
Strength	<40 SPT	<40 SPT	<40 SPT	<50 SPT	<50 SPT	<100 Mpa	<100 Mpa
Weight kg	2,5	6,8	7,0	2,9	5,6	7,5	7,9



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R90 STANDARD -- R90 TERMIC



		ANCHOR ROD		Right Thread - 24 rods per bundle	
		STANDARD		TERMIC	
Item no		RR09008S	RR09010S	RR09008T	RR09010T
Ultimate Load	kN	1250	1550	2100	2500
Yield point	kN	1000	1250	1600	2000
Min Internal Ø	mm	71,2	67,1	71,2	67,1
Weight	kg/mt	16,0	19,5	16,0	19,5

		COUPLING		NUT	
		RM090S	RM090T	RD090M	
Power	kN	1600	2500	500	
Ø	mm	101,6	114,3	114,3	
Length	mm	230	230	120	
Type		Middlestop	Middlestop	Coupling/Nut	
Weight	kg	3,4	7,5	3,8	

		PLATE FLAT	
		RP250x25F	RP300x30F
Dims	mm	250 x 250	300 x 300
Thickness	mm	25	30
Hole	mm	100	100
Weight	kg	12,3	21,2

		BIT		MEDIUM	
		SOFT			
Item no		RB090180A3	RB090250A3	RB090200L4S	
Ø		180 mm	250 mm	200 mm	
TYPE		3 Wings bit steel	3 Wings bit steel	4 Wings Stepped bit	
Strength		<40 SPT	<40 SPT	<50 SPT	
Weight kg		7,5	8,2	11,3	



High capacity self drilling anchors

R114 STANDARD -- R114 TERMIC



		ANCHOR ROD		Right Thread - 24 rods per bundle	
		STANDARD		TERMIC	
Item no		RR11408S	RR11410S	RR11408T	RR11410T
Ultimate Load	kN	1650	2050	2800	3450
Yield point	kN	1350	1650	2100	2700
Min Internal Ø	mm	96,1	92,0	96,1	92,0
Weight	kg/mt	21,0	25,8	21,0	25,8

		COUPLING		NUT
		RM114S	RM114T	RD114M
Item no				
Power	kN	2500	3500	2500
Ø	mm	127	140	127
Length	mm	230	230	120
Type		Middlestop	Middlestop	Coupling/Nut
Weight	kg	4,5	10,0	4,3

		BIT	
		SOFT	MEDIUM
Item no		RB114180A3	RB114200L4S
Ø		180 mm	200 mm
TYPE		3 Wings bit steel	4 Wings Stepped bit
Strength		<40 SPT	<50 SPT
Weight kg		8,0	11,3

