



LUOYANG SINOROCK ENGINEERING MATERIAL CO., LTD.

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2020

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O1 ABOUT SINOROCK





Sinorock is an experienced manufacturer of anchoring products with over 10 years' production experience. It is specialized in the development, production and sales of anchoring products. Through several years' efforts, Sinorock products have been exported to more than 40 countries. The company has passed ISO 9001 and SGS certification, and all series of self drilling anchor bolt has passed CE certification. Owing to reliable products and excellent services, Sinorock has won great reputation all over the world.

Self drilling anchor bolt is the core product of Sinorock, which includes R-thread system and T-thread system. Sinorok self drilling anchor bolt size range from R25 to R51, T30 to T200.

Sinorock has professional product research and development team which makes customized service available. Sinorock aims to become a famous brand globally in geotechnical industry, and provides one–stop solution of anchoring products for customers all over the world.

CORPORATION VISION:

Become a leading productivity provider in geotechnical anchoring

CORPORATION MISSION:

Keep providing competitive solutions to global geotechnical anchoring projects, making projects safer and more efficient

CORPORATION CORE VALUES:

Result orientation、Customer value、Focus and professional、Courage to bear

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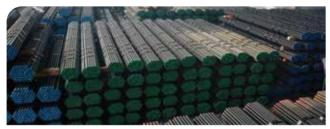




Sinorock has two production bases. One is Luoyang branch, another one is Changzhou branch. The area of two branches is about 28000m². With advanced production equipment, Sinorock is dedicated to be the first class manufacturer of self drilling anchoring products.



Sinorock has more than 100 sets equipment, including over 10 automatic production lines for hollow bar, which are developed by ourselves independently and they re in the leading level in China. With those equipment, the biggest self drilling anchor bolt we can produce at present is with 200mm outer diameter, which makes Sinorock the leader of big diameter hollow bar in Asia.







The production lines are environmental and energy-saving. With a set of circulating and filtering system, recycle and zero release can be achieved. Sinorock has special processing technique, which is with low pollution and high efficiency.

Sinorock factories are equipped with various testing equipment and tools. All these testing equipment not only ensure the quality of products, but also provide a guarantee for the overall inspection of products.



Sinorock applies 6S management system in factories. It makes a clean, comfortable, safe work condition for workers.







SINOROCK®

OFFICE SHOW

















02 PRODUCTS



SELF DRILLING ANCHOR BOLT SYSTEM

INTRODUCTION

Self drilling anchor bolt system is composed of hollow anchor bar, coupler, nut, drill bit, plate, and centralizer. It can combine drilling, grouting and anchoring in one process. Self drilling anchor bolt system is safe, efficient and convenient. It is suitable for broken rock, loose soil and geological conditions where are difficult to drill holes. It helps to ensure anchoring effect in complex ground conditions and achieving best construction result.

Sinorock divides our self drilling anchor bolt system into R thread and T thread systems. The sizes of our self drilling anchor bolt include R25, R32, R38, R51, T30, T40, T52, T73, T76, T103, T111, T127, T130, T150 and T200. We can choose different product size and type of self drilling anchor system according to different engineering requirements.



FEATURES AND ADVANTAGES



Self drilling anchor bolt system, which combines drilling, grouting and anchoring together, is suitable for broken rock and conditions which are difficult to drill holes. Casing pipe is omitted in construction, which greatly improves the construction efficiency.



Self drilling anchor bolt system has a rich variety of drill bits, and drill bit can be selected according to the properties of rock and soil, which can improve the drilling efficiency.



Self drilling anchor bolt system can fill cracks, consolidate rock mass and soil layer through pressure grouting, and has good grouting spreading radius and reliable anchoring quality.



The hollow anchor bar can be cut arbitrarily and lengthened by the coupler. Therefore, self drilling anchor bolt is suitable for the construction in the narrow space which the large equipment can not enter.





■ TECHNICAL DATA

R25

Hollow Anchor Bar										
,	Size	Outer Dia.		Ultimate Load		Yield Load		Weight		
		mm	in	kN	kips	kN	kips	kg/m	lbs/ft	
	SER25N	25	0.98	200	45	150	34	2.35	1.58	

Note:

- Customized products are available based on your specific requirements;
 1 mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

Coupler										
	Size	Outer Dia. Length Weigh		Outer Dia. Length Weig		ight	Note			
	Size	mm	in	mm	in	kg	lbs	Note		
	SSR25	36	1.42	150	5.91	0.66	1.45	With sealing ring		
	SER25	36	1.42	150	5.91	0.68	1.50	Without sealing ring		

Hex Nut										
	Size	Key Size		Len	ıgth	Weight				
		mm	in	mm	in	kg	lbs			
	SER25	41	1.61	35	1.38	0.23	0.51			

Domed Nut									
	Size	Key Size		Len	igth	Weight			
	SIZE	mm	in	mm	in	kg	lbs		
	SER25	41	1.61	40.5	1.59	0.31	0.68		

Domed Plate											
1 / 1	Size	Dimensions		Thickness		Hole Dia.		Weight			
	Oize	mm	in	mm	in	mm	in	kg	lbs		
	SER25	150 × 150	5.91 × 5.91	8	0.31	30	1.18	1.35	2.97		
		150 × 150	5.91 × 5.91	5	0.20	28	1.10	0.85	1.87		
		200 × 200	7.87×7.87	10	0.39	32	1.26	3.20	7.04		

			Drill Bit	
	Size	Oute	r Dia.	Application (Advice)
100	0120	mm	in	Application (Advice)
		EX		
100	SSR25/42	42	1.65	Sand, fills, gravel
	SSR25/51	51	2.01	
		EXX		
>.	SSR25/35	35	1.38	Softer sedimentary rocks such as marls,
15	SSR25/42	42	1.65	mudstones, siltstone
	SSR25/51	51	2.01	
celle		ES-F		
	SSR25/42	42	1.65	Gravel, soft rock
	SSR25/51	51	2.01	
		ESS-F		
1	SSR25/35	35	1.38	Mosthorod rook stope walls withhis
	SSR25/42	42	1.65	Weathered rock, stone walls, rubble
	SSR25/51	51	2.01	
TAN		EY		Challe around
13	SSR25/51	51	2.01	Chalk, gravel

/// 010 ////// ****



2. 1mm=0.03937in





Hex Nut											
Size	Key Size		Length		Weight		Note				
0120	mm	in	mm	in	kg	lbs	Note				
SSR32	46	1.81	45	1.77	0.37	0.81	Heat treatment				
33K32	46	1.81	55	2.17	0.46	1.01	neat treatment				
SER32	46	1.81	45	1.77	0.37	0.81	-				

Domed Nut											
	Size	Key	Size	Len	gth	We	ight	Note			
	0.20	mm	in	mm	in	kg	lbs	Note			
	SSR32	46	1.81	45	1.77	0.38	0.84	Heat treatment			
	SER32	46	1.81	45	1.77	0.38	0.84	-			

Domed Plate												
	Size	Dimer	Thick	ness	Hole	Dia.	Weight					
3126	mm	in	mm	in	mm	in	kg	lbs				
		150 × 150	5.91 × 5.91	8	0.31	35	1.38	1.30	2.86			
	SER32	150 × 150	5.91 × 5.91	10	0.39	35	1.38	1.70	3.74			
		175×175	6.89×6.89	8	0.31	35	1.38	1.90	4.18			
Ξ'		200×200	7.87×7.87	8	0.31	35	1.38	2.60	5.72			
		200×200	7.87×7.87	10	0.39	34	1.34	2.94	6.47			
		200×200	7.87×7.87	12	0.47	35	1.38	3.52	7.74			

Flat Plate												
Size	Dimer	Thick	ness	Hole	Dia.	Weight						
3126	mm	in	mm	in	mm	in	kg	lbs				
	95×95	3.74×3.74	25	0.98	35	1.38	1.60	3.52				
SER32	120 × 120	4.72×4.72	30	1.18	35	1.38	3.20	7.04				
SERSZ	150 × 150	5.91 × 5.91	8	0.31	35	1.38	1.30	2.86				
	200×200	7.87×7.87	10	0.39	35	1.38	3.06	6.73				



	Coupler											
	Size	Outer Dia.		Length		Weight		Note				
	Size	mm	in	mm	in	kg	lbs	Note				
		42	1.65	145	5.71	0.79	1.74	NA 501				
	SSR32	42	1.65	160	6.30	0.86	1.89	With sealing ring				
		42	1.65	190	7.48	1.00	2.20	00019				
		42	1.65	145	5.71	0.77	1.69					
	SER32	42	1.65	160	6.30	0.84	1.85	Without sealing ring				
		42	1.65	190	7.48	1.00	2.20	3341911119				

1. Customized products are available based on your specific requirements;

1kN=0.225kips 1MPa=0.1450377ksi

1kg/m=0.672 lbs/ft





Centralizer											
	Size	Oute	r Dia.	Ler	ngth	Weight					
	0126	mm	in	mm	in	kg	lbs				
-	SER32	72	2.83	30	1.18	0.27	0.59				

		Dril	l Bit	
	Size	Outer	Dia.	Application (Advice)
	0.20	mm	in	/ ipplication (/ iavice/
2-2		EX		
	SSR32/42	42	1.65	
	SSR32/51	51	2.01	
	SSR32/76	76	2.99	Sand, fills, gravel
		EX(Venturi)		
	SSR32/64	64	2.52	
	SSR32/76	76	2.99	
		EXX		
	SSR32/42	42	1.65	
25	SSR32/51	51	2.01	Softer sedimentary rocks
-	SSR32/64	64	2.52	such as marls,
	SSR32/76	76	2.99	mudstones, siltstone
VAV		EXX(Venturi)		
	SSR32/76	76	2.99	
		Clay Bit		
-	SSR32/76	76	2.99	
13	SSR32/90	90	3.54	Clay, soft soil, marls,
	SSR32/100	100	3.94	loose sand or gravel
	SSR32/110	110	4.33	

		Dril	l Bit	
	Size	Oute	Dia.	Application (Advice)
	0.120	mm	in	/ pp
		ES-F		
0.0200	SSR32/42	42	1.65	
9=9	SSR32/51	51	2.01	Gravel, soft rock
	SSR32/64	64	2.52	
	SSR32/76	76	2.99	
		ESS-F		
	SSR32/42	42	1.65	
200	SSR32/51	51	2.01	Weathered rock, stone walls, rubble
	SSR32/64	64	2.52	Storie Walls, Tubble
	SSR32/76	76	2.99	
		EYY		Competent ground,
	SSR32/51	51	2.01	strong rock
	SSR32/76	76	2.99	
		EY		
1.	SSR32/51	51	2.01	Chalk, gravel
	SSR32/76	76	2.99	
		EC		Chalks, marls, fills,
	SSR32/51	51	2.01	competent ground
		ECC		Chalks, marls, fills,
	SSR32/51	51	2.01	competent ground

**** 013 ****







R38

Hollow Anchor Bar													
	Size	Oute	r Dia.	Ultimat	e Load	Yield	Load	We	ight				
1	0120	mm	in	kN	kips	kN	kips	kg/m	lbs/ft				
	SSR38N	38	1.50	500	113	400	90	5.50	3.70				
	SER38N	38	1.50	500	113	400	90	4.95	3.33				
	SER38S	38	1.50	550	124	450	101	5.90	3.96				

Note:

- 1. Customized products are available based on your specific requirements;
- 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

Coupler											
	Size	Outer Dia.		Length		We	ight	Note			
	Oize	mm	in	mm	in	kg	lbs	Note			
		51	2.01	180	7.09	1.33	2.93				
	SSR38	51	2.01	200	7.87	1.50	3.30	With sealing ring			
		51	2.01	220	8.66	1.67	3.67				
		51	2.01	180	7.09	1.38	3.04				
	SER38	51	2.01	200	7.87	1.55	3.41	Without sealing ring			
		51	2.01	220	8.66	1.68	3.70	Scaling Ting			

Hex Nut											
	Size	Key Size			Length		ight	Nata			
	3126	mm	in	mm	in	kg	lbs	Note			
	SSR38	50	1.97	60	2.36	0.47	1.03	I I a a t to a a to a a set			
	SSR38	50	1.97	70	2.76	0.55	1.21	Heat treatment			
	SER38	50	1.97	60	2.36	0.47	1.03	-			

Domed Nut											
	Size	Key Size		Length		Weight		Note			
	Size	mm	in	mm	in	kg	lbs	Note			
	SSR38	52	2.05	60	2.36	0.61	1.34	Heat treatment			
	SER38	52	2.05	60	2.36	0.61	1.34	-			

Domed Plate												
	Size	Dime	nsions	Thickness		Hole	Dia.	Weight				
	Size	mm	in	mm	in	mm	in	kg	lbs			
(3)	OED20	150 × 150	5.91 × 5.91	8	0.31	41	1.61	1.38	3.04			
	SER38	200×200	7.87×7.87	12	0.47	41	1.61	3.60	7.92			

Flat Plate													
Size SER38	Siza	Dimer	Thick	ness	Hole	Dia.	Weight						
	mm	in	mm	in	mm	in	kg	lbs					
		140×140	5.51 × 5.51	35	1.38	41	1.61	5.00	11.00				
	SER38	150 × 150	5.91 × 5.91	25	0.98	41	1.61	4.10	9.02				
		200×200	7.87×7.87	12	0.47	41	1.61	3.67	8.07				

Centralizer										
	Sizo	Oute	r Dia.	Len	gth	Weight				
Size	Size	mm	in	mm	in	kg	lbs			
-	SER38	78	3.07	30	1.18	0.28	0.62			

Drill Bit											
	Size	Outer	Dia.	Application (Advice)							
	0120	mm	in	Application (Advice)							
		EX									
	SSR38/76	76	2.99	Sand, fills, gravel							
-	SSR38/90	90	3.54	Sand, illis, graver							
	SSR38/100	100	3.94								





		Dril	II Bit	
	Size	Oute	r Dia.	Application (Advice)
	0120	mm	in	Application (Advice)
		EX(Venturi)		
	SSR38/76	76	2.99	Sand, fills, gravel
	SSR38/90	90	3.54	
		EXX		
	SSR38/76	76	2.99	
PS	SSR38/90	90	3.54	
	SSR38/100	100	3.94	
_	SSR38/115	115	4.53	Softer sedimentary rocks such as marls,
	SSR38/130	130	5.12	mudstones, siltstone
		EXX(Venturi)		
vil.	SSR38/56	56	2.20	
	SSR38/76	76	2.99	
	SSR38/90	90	3.54	
		Clay Bit		
	SSR38/90	90	3.54	
E.S.	SSR38/100	100	3.94	Clay, soft soil, marls,
-	SSR38/110	110	4.33	loose sand or gravel
	SSR38/130	130	5.12	
	SSR38/150	150	5.91	
1.500		ES-F		
	SSR38/76	76	2.99	Crovel and real
	SSR38/90	90	3.54	Gravel, soft rock
	SSR38/115	115	4.53	
		ESS-F		
450	SSR38/76	76	2.99	Weathered rock,
	SSR38/90	90	3.54	stone walls, rubble
	SSR38/115	115	4.53	

Drill Bit												
Size	r Dia.	Application (Advice)										
mm	in	/ ipplication (/ iavice)										
EYY												
SSR38/76 76	2.99	Competent ground, strong rock										
SSR38/90 90	3.54											
EY												
SSR38/76 76	2.99	Competent ground, strong rock										
SSR38/90 90	3.54											
EC		Chalks, marls, fills,										
SSR38/76 76	2.99	competent ground										
ECC		Chalks, marls, fills,										
SSR38/76 76	2.99	competent ground										
XX												
SSR38/110 110	4.33											
SSR38/130 130	5.12	Sand, clay, fills, gravel										
SSR38/150 150	5.91											
ESS-D												
SSR38/100 100	3.94	Weathered rock,										
SSR38/115 115	4.53	stone walls, rubble										

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R51

Note:

Hollow Anchor Bar												
	0:	Outer Dia.		Ultimate Load		Yield	Load	Weight				
	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft			
1	SSR51L	51	2.01	580	131	450	101	6.75	4.54			
	SSR51N	51	2.01	800	180	630	142	9.00	6.05			
	SER51L	51	2.01	550	124	450	101	6.20	4.17			
	SER51L1	51	2.01	660	149	540	122	6.75	4.54			
	SER51N	51	2.01	800	180	630	142	8.20	5.51			
	SER51S	51	2.01	925	208	740	167	9.25	6.22			

Coupler											
	0:	Outer Dia.		Length		We	ight	Note			
	Size	mm	in	mm	in	kg	lbs	Note			
	SSR51	63	2.48	200	7.87	1.85	4.07	With cooling ring			
	00101	63	2.48	220	8.66	2.00	4.40	With sealing ring			
	QED51	63	2.48	200	7.87	1.84	4.05	Without			
	SER51	63	2.48	220	8.66	2.03	4.47	sealing ring			

1kg/m=0.672 lbs/ft

1. Customized products are available based on your specific requirements;

2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi

Hex Nut											
	0:	Key Size		Length		We	ight	Note			
1000001	Size	mm	in	mm	in	kg	lbs	Note			
	SSR51	75	2.95	70	2.76	1.53	3.37	Heat treatment			
	33131	75	2.95	80	3.15	1.84	4.05	r leat treatifierit			
	SER51	75	2.95	70	2.76	1.53	3.37	-			

Domed Nut												
	0:	Key Size		Length		We	ight	- Note				
	Size	mm	in	mm	in	kg	lbs	Note				
	SSR51	75	2.95	70	2.76	1.60	3.52	Heat treatment				
	33131	75	2.95	80	3.15	1.82	4.00	rieat treatment				
	SER51	75	2.95	70	2.76	1.60	3.52	-				

Domed Plate										
	0:	Dimensions		Thickness		Hole Dia.		Weight		
	Size	mm	in	mm	in	mm	in	kg	lbs	
	SER51 200×200 7.87×7.87 14 0.55 55 2.17 4.13 9									

Flat Plate										
	0:	Dimensions		Thickness		Hole Dia.		Weight		
	Size	mm	in	mm	in	mm	in	kg	lbs	
0	SER51	150 × 150	5.91 × 5.91	40	1.57	56	2.20	6.20	13.64	
		180 × 180	7.09×7.09	45	1.77	56	2.20	10.50	23.10	
		200×200	7.87×7.87	30	1.18	60	2.36	8.72	19.18	
		250 × 250	9.84×9.84	40	1.57	60	2.36	18.90	41.58	

Centralizer										
-	Size	Oute	r Dia.	Len	igth	Weight				
	Size	mm	in	mm	in	kg	lbs			
0.0	SER51	91	3.58	30	1.18	0.30	0.66			

**** 019 ****





		Dril	l Bit	
	Size	Oute	r Dia.	Application (Advice)
	3126	mm	in	Application (Advice)
		EX		
	SSR51/90	90	3.54	
-	SSR51/100	100	3.94	
1	SSR51/110	110	4.33	Sand, fills, gravel
	SSR51/115	115	4.53	
	SSR51/130	130	5.12	
	SSR51/150	150	5.91	
		EXX		
	SSR51/76	76	2.99	
	SSR51/90	90	3.54	
25	SSR51/100	100	3.94	
	SSR51/110	110	4.33	Softer sedimentary rocks
	SSR51/115	115	4.53	such as marls,
	SSR51/130	130	5.12	mudstones, siltstone
	SSR51/150	150	5.91	
		EXX(Venturi)		
11	SSR51/115	115	4.53	
	SSR51/140	140	5.51	
		Clay Bit		
	SSR51/76	76	2.99	
	SSR51/90	90	3.54	
Es.	SSR51/115	115	4.53	Clay, soft soil, marls,
1	SSR51/130	130	5.12	loose sand or gravel
	SSR51/150	150	5.91	
	SSR51/175	175	6.89	

		Dril	I Bit	
	Size	Oute	r Dia.	Application (Advice)
	0120	mm	in	Application (Advice)
		ES-F		
4004	SSR51/76	76	2.99	
	SSR51/100	100	3.94	Gravel, soft rock
	SSR51/115	115	4.53	
	SSR51/130	130	5.12	
		ESS-F		
	SSR51/76	76	2.99	
	SSR51/100	100	3.94	
0.00	SSR51/110	110	4.33	Weathered rock,
	SSR51/115	115	4.53	tone walls, rubble
	SSR51/130	130	5.12	
	SSR51/150	150	5.91	
TATE		EY		Chalk, gravel
	SSR51/76	76	2.99	Orlaik, graver
		EC		Chalks, marls, fills,
	SSR51/115	115	4.53	competent ground
		XX		
-	SSR51/130	130	5.12	
Car	SSR51/150	150	5.91	Sand, clay, fills, gravel
	SSR51/170	170	6.69	
	SSR51/200	200	7.87	
esta-		ES-D		Gravel, soft rock
	SSR51/115	115	4.53	Graver, SUITTOON
1		ESS-D		Weathered rock,
	SSR51/115	115	4.53	stone walls, rubble







Spherical Collar Nut										
	a :	Key Size		Length		Weight		Note		
	Size	mm	in	mm	in	kg	lbs	Note		
	SST30	46	1.81	35	1.38	0.33	0.73	Heat treatment		
	SET30	46	1.81	35	1.38	0.33	0.73	_		

Flat Plate										
	0:	Dimensions		Thickness		Hole Dia.		Weight		
	Size	mm	in	mm	in	mm	in	kg	lbs	
	00700	150 × 150	5.91 × 5.91	25	0.98	40	1.57	4.20	9.24	
	SST30	200×200	7.87×7.87	8	0.31	36	1.42	2.43	5.35	

Centralizer										
	0:	Oute	r Dia.	Len	igth	Weight				
	Size	mm	in	mm	in	kg	lbs			
	SET30	70	2.76	35	1.38	0.20	0.44			

			Drill Bit	
	Size	Oute	Dia.	Application (Advice)
10.00		mm	in	Application (Advice)
		EX		
100	SST30/51	51	2.01	Sand, fills, gravel
	SST30/76	76	2.99	
		EXX		
	SST30/51	51	2.01	
	SST30/76	76	2.99	Softer sedimentary rocks
The state of the s	E	EXX(Venturi)		such as marls, mudstones, siltstone
	SST30/63	63	2.48	

Hollow Anchor Bar										
	0:	Outer Dia.		Ultimate Load		Yield Load		Weight		
	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft	
	SST30L	30	1.18	220	50	180	41	2.90	1.95	
	SST30N	30	1.18	260	59	220	50	3.35	2.25	
	SST30S	30	1.18	320	72	260	59	3.60	2.42	
	SET30S	30	1.18	320	72	260	59	3.35	2.25	

Note:

- 1. Customized products are available based on your specific requirements;
- 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

Coupler											
	C:	Outer Dia.		Length		Weight		Note			
	Size	mm	in	mm	in	kg	lbs	Note			
	SST30	38	1.50	105	4.13	0.39	0.86	With sealing ring			
	SET30	38	1.50	105	4.13	0.45	0.99	Without sealing ring			

Hex Nut										
	0:	Key Size		Length		Weight		Note		
	Size	mm	in	mm	in	kg	lbs	Note		
	SST30	46	1.81	35	1.38	0.29	0.64	Heat treatment		
	SET30	46	1.81	35	1.38	0.31	0.68	-		

**** 023 ****





			Drill Bit	
	Size	Oute	r Dia.	Application (Advice)
44		mm	in	Application (Advice)
7		Clay Bit		
	SST30/76	76	2.99	Clay, soft soil, marls, loose sand or gravel
	SST30/95	95	3.74	
020		ES-F		Croval poft rook
	SST30/51	51	2.01	Gravel, soft rock
		ESS-F		Magthagad rook stops walls multiple
	SST30/51	51	2.01	Weathered rock, stone walls, rubble
CA.		EYY		Compatent ground atrong rook
	SST30/76	76	2.99	Competent ground, strong rock

Hollow Anchor Bar											
	Outer Dia. Ultimate Load Yield Load W										
	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft		
	SST40N	40	1.57	539	121	430	97	6.20	4.17		
	SST40S	40	1.57	660	149	525	118	7.20	4.84		
	SET40N	40	1.57	539	121	430	97	5.70	3.83		
	SET40S	40	1.57	660	149	525	118	6.80	4.57		

Note:

1. Customized products are available based on your specific requirements;

2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

Coupler										
	0:	Outer Dia.		Length		Weight		Nists		
Size	Size	mm	in	mm	in	kg	lbs	Note		
	CCT40	54	2.13	140		With cooling ring				
	SST40	57	2.24	140	5.51	1.37	3.01	With sealing ring		
	SET40	54	2.13	140	5.51	1.11	2.44	Without		
	SET40	57	2.24	140	5.51	1.39	3.06	sealing ring		

Hex Nut										
	0:	Key	Size	Ler	igth	We	ight	N. 1		
	Size	mm	in	mm	in	kg	lbs	Note		
	SST40	65	2.56	50	1.97	0.92	2.02	Heat treatment		
	SET40	65	2.56	50	1.97	0.92	2.02	-		

Spherical Collar Nut											
	0:	Key	Size	Ler	igth	We	ight	Nede			
	Size	mm	in	mm	in	kg	lbs	Note			
	SST40	65	2.56	50	1.97	0.86	1.89	Heat treatment			
	SET40	65	2.56	50	1.97	0.86	1.89	-			

Flat Plate												
	0:	Dimer	Thickness		Hole Dia.		Weight					
	Size	mm	in	mm	in	mm	in	kg	lbs			
		115×115	4.53 × 4.53	20	0.79	56	2.20	1.60	3.52			
6	SST40	125 × 125	4.92×4.92	24	0.94	56	2.20	2.40	5.28			
	00110	200×200	7.87×7.87	12	0.47	56	2.20	3.28	7.22			
		200×200	7.87×7.87	30	1.18	56	2.20	8.50	18.70			

Centralizer										
-	Size	Oute	r Dia.	Len	gth	We	ight			
101	SIZE	mm	in	mm	in	kg	lbs			
0.0	SET40	88	3.46	40	1.57	0.36	0.79			

**** 025 ****

/// 026 **//////**





	Drill Bit										
	Size	Oute	Dia.	Application (Advice)							
	3126	mm	in	Application (Advice)							
		EX									
	SST40/100	100	3.94								
	SST40/115	115	4.53	Sand, fills, gravel							
		EX(Venturi)		, , ,							
	SST40/76	76	2.99								
	SST40/90	90	3.54								
		EXX									
	SST40/76	76	2.99								
	SST40/90	90	3.54								
25	SST40/100	100	3.94								
	SST40/115	115	4.53	Softer sedimentary rocks							
	SST40/130	130	5.12	such as marls,							
	SST40/150	150	5.91	mudstones, siltstone							
		EXX(Venturi)									
VAV	SST40/76	76	2.99								
	SST40/90	90	3.54								
	SST40/100	100	3.94								
		Clay Bit									
	SST40/90	90	3.54								
400	SST40/100	100	3.94	Clay, soft soil, marls,							
7.5	SST40/110	110	4.33	loose sand or gravel							
	SST40/115	115	4.53								
	SST40/150	150	5.91								

	Drill Bit											
	Size	Oute	Dia.	Application (Advice)								
	0120	mm ir		Application (Advice)								
nebda		ES-F										
The Party	SST40/76	76	2.99	Gravel, soft rock								
	SST40/90	90	3.54									
		ESS-F										
	SST40/64	64	2.52									
6	SST40/76	76	2.99	Weathered rock,								
	SST40/90	90	3.54	stone walls, rubble								
	SST40/100	100	3.94									

Hollow Anchor Bar											
Outer Dia. Ultimate Load Yield Load											
1	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft		
	SST52N	52	2.05	929	209	730	164	10.20	6.85		
	SET52N	52	2.05	929	209	730	164	9.70	6.52		

Note:

- 1. Customized products are available based on your specific requirements;
- 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

Coupler											
	0:	Oute	r Dia.	Ler	ngth	We	ight	Note			
	Size	mm	in	mm	in	kg	lbs	Note			
	SST52	70	2.76	160	6.30	2.31	5.08	With sealing ring			
	SET52	70	2.76	160	6.30	2.46	5.41	Without sealing ring			

**** 027 ****

/// 028 **//////**





Hex Nut										
	0.	Key	Size	Ler	igth	We	ight	Note		
	Size	mm	in	mm	in	kg	lbs	Note		
	SST52	80	3.15	70	2.76	1.74	3.83	Heat treatment		
	SET52	80	3.15	70	2.76	1.74	3.83	-		

Spherical Collar Nut											
	C:	Key	Size	Ler	igth	We	ight	Note			
	Size	mm	in	mm	in	kg	lbs	Note			
	SST52	80	3.15	70	2.76	2.30	5.06	Heat treatment			
	SET52	80	3.15	70	2.76	2.30	5.06	-			

Flat Plate										
	0:	Dimensions		Thickness		Hole Dia.		Weight		
	Size	mm	in	mm	in	mm	in	kg	lbs	
0		150 × 150	5.91 × 5.91	25	0.98	65	2.56	3.70	8.14	
	SST52	200×200	7.87×7.87	30	1.18	65	2.56	8.59	18.90	
		220×220	8.66 × 8.66	35	1.38	65	2.56	12.40	27.28	

Centralizer									
(Q)	Size	Oute	r Dia.	Len	gth	Weight			
		mm	in	mm	in	kg	lbs		
0.0	SET52	112	4.41	35	1.38	0.39	0.86		

		Dril	l Bit	
	Size	Oute	Dia.	Application (Advice)
	0120	mm	in	Application (Advice)
		EX		
44	SST52/115	115	4.53	
	SST52/130	130	5.12	Sand, fills, gravel
	SST52/150	150	5.91	
	SST52/175	175	6.89	
		EXX		
	SST52/90	90	3.54	
25	SST52/100	100	3.94	Softer sedimentary rocks
	SST52/115	115	4.53	such as marls,
	SST52/130	130	5.12	mudstones, siltstone
	SST52/150	150	5.91	
-1		EXX(Venturi)		
	SST52/100	100	3.94	
		Clay Bit		
	SST52/130	130	5.12	Clay, soft soil, marls,
400	SST52/150	150	5.91	loose sand or gravel
N	SST52/175	175	6.89	
	SST52/200	200	7.87	
1		ES-F		Gravel, soft rock
	SST52/115	115	4.53	0.0.00, 00.000
		ESS-F		
	SST52/76	76	2.99	
	SST52/100	100	3.94	Weathered rock,
	SST52/115	115	4.53	stone walls, rubble
	SST52/130	130	5.12	
	SST52/150	150	5.91	







Centralizer									
	Size	Oute	r Dia.	Len	gth	Weight			
101		mm	in	mm	in	kg	lbs		
4-6	SET73	130	5.12	65	2.56	1.08	2.38		

		Dril	l Bit	
	Size	Oute	Dia.	Application (Advice)
	0.20	mm	in	/ ippilodilon (/ idvice)
		EX		
	SST73/130	130	5.12	Sand, fills, gravel
	SST73/175	175	6.89	
25		EXX		Softer sedimentary rocks
-	SST73/130	130	5.12	such as marls, mudstones, siltstone
		Clay Bit		
	SST73/150	150	5.91	
-	SST73/200	200	7.87	Clay, soft soil, marls, loose sand or gravel
7	SST73/250	250	9.84	1003C Sand or graver
	SST73/280	280	11.02	
	SST73/175	175	6.89	
6		ESS-F		Weathered rock,
	SST73/130	130	5.12	stone walls, rubble

Hollow Anchor Bar												
	C:	Outer Dia.		Ultimate Load		Yield	Load	Weight				
	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft			
	SET73L	73	2.87	1160	261	970	218	13.20	8.87			
	SET73N	73	2.87	1585	357	1270	286	17.80	11.96			
	SET73S	73	2.87	1865	420	1430	322	21.20	14.25			

Note:

- 1. Customized products are available based on your specific requirements;
- 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

			(Coupler				
	O :	Oute	r Dia.	Len	igth	We	ight	Note
	Size	mm	in	mm	in	kg	lbs	Note
	SST73	89	3.50	235	9	3.82	8	
		95	3.74	245	10	5.70	13	With sealing ring

Spherical Collar Nut									
9	Size	Key	Size	Ler	gth	Weight			
	0126	mm	in	mm	in	kg	lbs		
	SST73	95	3.74	70	2.76	1.90	4.18		

Flat Plate										
0	0:	Dimensions		Thickness		Hole Dia.		Weight		
	Size	mm	in	mm	in	mm	in	kg	lbs	
	CCT72	175 × 175	6.89×6.89	34	1.34	80	3.15	6.85	15.07	
	SST73	250 × 250	9.84 × 9.84	40	1.57	80	3.15	18.00	39.60	







Centralizer									
	0:	Oute	r Dia.	Ler	gth	Weight			
	Size	mm	in	mm	in	kg	lbs		
	SET76	130	5.12	45	1.77	0.86	1.89		

		Dri	II Bit	
	Size	Oute	r Dia.	Application (Advice)
	0120	mm	in	/ (pprication (/ (avice)
		EX		
	SST76/115	115	4.53	
	SST76/130	130	5.12	
- 3	SST76/150	150	5.91	Sand, fills, gravel
9	SST76/175	175	6.89	
	SST76/200	200	7.87	
		EXX		
	SST76/130	130	5.12	
5	SST76/150	150	5.91	Softer sedimentary rocks
	SST76/175	175	6.89	such as marls,
	SST76/200	200	7.87	mudstones, siltstone
1		EXX(Venturi)		
	SST76/140	140	5.51	
	SST76/150	150	5.91	
		Clay Bit		
	SST76/130	130	5.12	
	SST76/150	150	5.91	Clay, soft soil, marls,
	SST76/175	175	6.89	loose sand or gravel
	SST76/200	200	7.87	
	SST76/300	300	11.81	

Hollow Anchor Bar											
	0:	Outer Dia.		Ultimate Load		Yield	Load	Weight			
	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft		
	SET76N	76	2.99	1600	360	1200	270	16.50	11.09		
	SET76S	76	2.99	1900	428	1500	338	19.70	13.24		
Notes											

Note:

- Customized products are available based on your specific requirements;
 1. Customized products are available based on your specific requirements;
 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m² 1kg/m=0.672 lbs/ft

Coupler										
	0:	Oute	r Dia.	Ler	igth	We	ight	Note		
0	Size	mm	in	mm	in	kg	lbs	Note		
	00770	95	3.74	200	7.87	4.26	9.37			
	SST76	95	3.74	220	8.66	4.80	10.56	With sealing ring		

Hex Nut										
	Size	Key Size		Length		Weight		Note		
		mm	in	mm	in	kg	lbs	Note		
	00770	100	3.94	75	2.95	2.40	5.28	Heat treatment		
	SST76	100	3.94	80	3.15	2.67	5.87	r leat il eatiment		
	SET76	100	3.94	80	3.15	2.67	5.87	-		

Flat Plate											
	0:	Dimer	Thick	ness	Hole	Dia.	Weight				
	Size	mm	in	mm	in	mm	in	kg	lbs		
	SST76	250 × 250	9.84 × 9.84	60	2.36	80	3.15	27.00	59.40		
		250 × 250	9.84 × 9.84	40	1.57	80	3.15	18.00	39.60		





		Dril	l Bit	
	Size	Oute	Dia.	Application (Advice)
1	5	mm	in	· • • • • • • • • • • • • • • • • • • •
		ES-F		
	SST76/130	130	5.12	Gravel, soft rock
		ESS-F		
	SST76/120	120	4.72	
	SST76/130	130	5.12	Weathered rock,
	SST76/150	150	5.91	stone walls, rubble
	SST76/200	200	7.87	
TAN		EY		Chalk, gravel
	SST76/130	130	5.12	Griaik, graver
		XX		
Carlo	SST76/130	130	5.12	
6.5	SST76/145	145	5.71	Sand, clay, fills, gravel
	SST76/175	175	6.89	
	SST76/200	200	7.87	

Hollow Anchor Bar											
	0:	Outer Dia.		Ultimate Load		Yield Load		Weight			
1	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft		
	SET103N	103	4.06	2300	518	1800	405	24.80	16.67		
	SET103S	103	4.06	3660	824	2670	601	44.60	29.97		

Note:

- 1. Customized products are available based on your specific requirements;
- 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

T103

Coupler										
	Size	Oute	r Dia.	Ler	ngth	We	ight	Note		
	Size	mm	in	mm	in	kg	lbs	Note		
	SST103/78	125	4.92	255	10.04	8.02	17.64			
	SST103/51	133	5.24	290	11.42	13.00	28.60	With sealing ring		

Spherical Collar Nut										
Size	Key	Size	Len	gth	Weight					
Size	mm	in	mm	in	kg	lbs				
SET103/78	125	4.92	80	3.15	3.18	7.00				
SET103/51	125	4.92	130	5.12	5.60	12.32				

Flat Plate											
	Size	Dimens	Thickness		Hole Dia.		Weight				
	Size	mm	in	mm	in	mm	in	kg	lbs		
6	SST103/78	240×240	9.45×9.45	50	1.97	110	4.33	18.80	41.36		
	SST103/78	300×300	11.81 × 11.81	50	1.97	110	4.33	32.60	71.72		
	SST103/51	285×285	11.22×11.22	65	2.56	110	4.33	36.60	80.52		
	SST103/51	330×330	12.99 × 12.99	60	2.36	110	4.33	46.50	102.30		

			Centrali	zer				
	Sizo	Oute	r Dia.	Ler	ngth	Weight		
	Size	mm	in	mm	in	kg	lbs	
-	SET103	165	6.50	80	3.15	2.50	5.50	





		Dril	l Bit	
	Size	Outer	Dia.	Application (Advice)
	0120	mm	in	Application (Advice)
		EX		
	SST103/175	175	6.89	Sand, fills, gravel
	SST103/200	200	7.87	
		EXX		
2.5	SST103/175	175	6.89	Softer sedimentary rocks
	SST103/200	200	7.87	such as marls, mudstones, siltstone
	SST103/250	250	9.84	,
44		Clay Bit		
	SST103/220	220	8.66	Clay, soft soil, marls,
	SST103/280	280	11.02	loose sand or gravel
		ESS-F		
	SST103/175	175	6.89	
of the	SST103/200	200	7.87	Weathered rock,
19	SST103/220	220	8.66	stone walls, rubble
	SST103/230	230	9.06	
	SST103/300	300	11.81	

Hollow Anchor Bar										
	0:	Outer Dia.		Ultimate Load		Yield Load		Weight		
1	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft	
1	SET111L	111	4.37	2640	594	2000	450	25.00	16.80	
	SET111N	111	4.37	3650	821	2750	619	34.50	23.18	

Note:

- Customized products are available based on your specific requirements;
 1. Customized products are available based on your specific requirements;
 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m 1kg/m=0.672 lbs/ft

			(Coupler					
	<u>.</u> .	Outer Dia.		Length		Weight		Note	
0/	Size	mm	in	mm	in	kg	lbs	Note	
	SST111	140	5.51	250	9.84	12.60	27.72	With sealing ring	

Hex Nut										
0:	Key	Size	Len	igth	We	ight				
Size	mm	in	mm	in	kg	lbs				
SET111	150	5.91	120	4.72	10.20	22.44				

Flat Plate											
	0:	Dimens	sions	Thick	ness	Hole	Dia.	We	ight		
	Size	mm	in	mm	in	mm	in	kg	lbs		
	SST111/82	300×300	11.81 × 11.81	80	3.15	130	5.12	47.80	105.16		
	SST111/75	350 × 350	13.78 × 13.78	90	3.54	130	5.12	76.80	168.96		

	Centralizer										
	Size	Oute	r Dia.	Ler	ngth	Weight					
101	3126	mm	in	mm	in	kg	lbs				
-	SET111	170	6.69	50	1.97	1.80	3.96				





		Dril	l Bit	
	Size	Oute	Dia.	Application (Advice)
	0120	mm	in	Application (Advice)
4		EX		Sand, fills, gravel
	SST111/220	220	8.66	Sand, IIIIS, gravei
><		EXX	Softer sedimentary rocks	
-	SST111/220	220	8.66	such as marls, mudstones, siltstone
0.5		ESS-F		
	SST111/170	170	6.69	Weathered rock,
19	SST111/200	200	7.87	stone walls, rubble

Hollow Anchor Bar										
	0:	Oute	r Dia.	Ultimat	e Load	Yield	Load	We	ight	
	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft	
9	SET127L	127	5.00	2400	540	1810	407	30.50	20.50	

Note:

1. Customized products are available based on your specific requirements;

2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

Coupler										
	0:	Oute	r Dia.	Ler	igth	We	ight	Note		
0	Size	mm	in	mm	in	kg	lbs	Note		
	SST127	146	5.75	255	10.04	8.50	18.70	With sealing ring		

Spherical Collar Nut										
	Size	Key	Size	Len	gth	We	ight			
	Size	mm	in	mm	in	kg	lbs			
	SET127	140	5.51	140	5.51	7.50	16.50			

Flat Plate									
1.04	0:	Dimensions		Thickness		Hole Dia.		Weight	
6	Size	mm	in	mm	in	mm	in	kg	lbs
	SST127 250×250 9.84×9.84 50 1.97 140 5.51 18.40 40.4								40.48

Centralizer										
	Size	Oute	r Dia.	Len	gth	Weight				
		mm	in	mm	in	kg	lbs			
	SET127	200	7.87	80	3.15	3.50	7.70			

		Dril	l Bit	
	Size	Outer	Dia.	Application (Advice)
	0120	mm	in	Application (Advice)
2		EX	Sand, fills, gravel	
	SST127/200	200	7.87	Sand, IIIIS, gravei
40		Clay Bit		Clay, soft soil, marls,
77	SST127/220	220	8.66	loose sand or gravel
- CO		ESS-F		Weathered rock,
15	SST127/200	200	7.87	stone walls, rubble
	SST127/200		7.87	





Hollow Anchor Bar											
	0:	Outer Dia.		Ultimate Load		Yield Load		Weight			
1	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft		
	SET130S	130	5.12	7940	1787	5250	1181	78.00	52.42		
	SET130N	130	5.12	6340	1427	4200	945	78.00	52.42		

Note:

- 1. Customized products are available based on your specific requirements;
- 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

Coupler										
	0:	Oute	r Dia.	Ler	ngth	We	ight	Note		
6	Size	mm	in	mm	in	kg	lbs	Note		
	SST130	168	6.61	300	11.81	19.50	42.90	With sealing ring		

Spherical Collar Nut									
	Size	Key	Size	Ler	igth	We	ight		
	0126	mm	in	mm	in	kg	lbs		
	SET130	175	6.89	175	6.89	17.90	39.38		

			Flat Plate							
	Dimensions Thickness Hole Dia									
6	Size	mm	in	mm	in	mm	in	kg	lbs	
	SST130	350 × 350	13.78 × 13.78	100	3.94	145	5.71	83.00	182.60	

		Centrali	zer			
0:	Oute	r Dia.	Len	gth	We	ight
Size	mm	in	mm	in	kg	lbs
SET130	220	8.66	80	3.15	3.60	7.92

		Dril	l Bit	
	Size	Oute	Dia.	Application (Advice)
	3123	mm	in	/ ipplication (/ idvice)
0.5		ESS-F		
	SST130/220	220	8.66	Weathered rock,
	SST130/300	300	11.81	stone walls, rubble
	SST130/230	230	9.06	

T150

Hollow Anchor Bar										
	o :	Oute	e Load Yield Load Weight			ight				
	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft	
9	SET150S	150	5.91	8400	1890	5600	1260	108.00	72.58	

Note:

- 1. Customized products are available based on your specific requirements;
- 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

Coupler									
	0:	Oute	r Dia.	Ler	ngth	We	ight	Note	
62	Size	mm	in	mm	in	kg	lbs	Note	
	SST150	194	7.64	300	11.81	32.00	70.40	With sealing ring	

		S	pherical Co	ollar Nut				
1.000	Size	Key	Size	Ler	igth	Weight		
	Size	mm	in	mm	in	kg	lbs	
	SET150	180	7.09	180	7.09	15.62	34.36	

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			Flat Plate						
	0:	Dimens	Thickness		Hole Dia.		Weight		
6	Size		in	mm	in	mm	in	kg	lbs
	SST150	400×400	15.75 × 15.75	110	4.33	165	6.50	119.00	261.80

	Drill Bit									
	Size	Oute	r Dia.	Application (Advice)						
	0120	mm	in	Application (Advice)						
19		ESS-F		Weathered rock,						
	SST150/300	300	11.81	stone walls, rubble						

Hollow Anchor Bar									
	0:	Oute	r Dia.	Ultimat	e Load	Yield	Load	We	ight
	Size	mm	in	kN	kips	kN	kips	kg/m	lbs/ft
9	SET200S	200	7.87	14230	3202	9500	2138	183.00	122.98

Note:

- 1. Customized products are available based on your specific requirements;
- 2. 1mm=0.03937in 1kN=0.225kips 1MPa=0.1450377ksi 1kg/m=0.672 lbs/ft

Coupler									
	0:	Oute	r Dia.	Ler	ngth	We	ight	Note	
	Size	mm	in	mm	in	kg	lbs	Note	
	SST200	273	10.75	400	15.75	90.00	198.00	With sealing ring	

Spherical Collar Nut									
	Size	Key	Size	Ler	gth	We	ight		
	Oize	mm	in	mm	in	kg	lbs		
	SET200	240	9.45	200	7.87	40.00	88.00		

			Flat Plate						
Cina		Dimensions		Thickness		Hole Dia.		Weight	
6	Size	mm	in	mm	in	mm	in	kg	lbs
	SST200	450 × 450	17.72×17.72	120	4.72	220	8.66	155.00	341.00

		Dril	l Bit	
	Size	Outer	Dia.	Application (Advice)
OF THE	3126	mm	in	Application (Advice)
19		ESS-F		Weathered rock,
	SST200/350	350	13.78	stone walls, rubble

		Ada	apter Coup	ling			
	Size	Outer Dia.		Ler	ngth	Weight	
	0120	mm	in	mm	in	kg	lbs
	SSR25/T38	55	2.17	160	6.30	2.03	4.47
	SSR32/R32	50	1.97	160	6.30	1.60	3.52
	SSR32/T38	55	2.17	160	6.30	1.90	4.18
	SSR38/T38	55	2.17	160	6.30	1.72	3.78
	SSR38/T45	63	2.48	180	7.09	2.72	5.98
	SSR51/T38	78	3.07	180	7.09	4.74	10.43
	SST30/R32	50	1.97	160	6.30	1.62	3.56
	SST40/R38	58	2.28	180	7.09	2.19	4.82
	SST52/R51	78	3.07	180	7.09	4.18	9.20
	SST76/R38	98	3.86	220	8.66	8.57	18.85
	SST76/T52	98	3.86	220	8.66	7.40	16.28
	SST76/T38	98	3.86	220	8.66	8.61	18.94

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Rotary Injection Adapter

Size	Len	gth	We	ight
0120	mm	in	mm	in
SSR25/T38	300	11.81	14.24	31.33
SSR32/R32	300	11.81	14.10	31.02
SSR32/R38	300	11.81	14.20	31.24
SSR32/T38	300	11.81	14.34	31.55
SSR38/T45	300	11.81	20.54	45.19
SSR38/T38	300	11.81	14.14	31.11
SSR51/T45	300	11.81	20.54	45.19
SST40/H55	300	11.81	21.00	46.20
SST52/R32	300	11.81	21.10	46.42

Drill Bit Adapter

	Size	Anchor Bar	Drill Bit	Len	gth	We	ight
	0126	Thread	Thread	mm	in	kg	lbs
	SSR25/R32	R25	R32	50	1.97	0.10	0.22
	SSR32/R38	R32	R38	50	1.97	0.13	0.29
	SSR32/R51	R32	R51	68	2.68	0.62	1.36
	SSR32/T40	R32	T40	50	1.97	0.18	0.40
	SSR38/R51	R38	R51	68	2.68	0.42	0.92
	SSR51/T76	R51	T76	65	2.56	1.06	2.33
	SST30/T40	T30	T40	50	1.97	0.19	0.42
	SST30/R51	T30	R51	68	2.68	0.66	1.45
	SST40/R51	T40	R51	68	2.68	0.34	0.75
	SST40/T52	T40	T52	68	2.68	0.30	0.66
	SST52/T73	T52	T73	80	3.15	1.22	2.68
	SST52/T76	T52	T76	65	2.56	1.07	2.35

STAINLESS STEEL SELF DRILLING ANCHOR BOLT SYSTEM

INTRODUCTION

Stainless steel self drilling anchor bolt system is one of our self drilling anchor bolt systems. The product has a better anti-corrosion performance, and it can resist the corrosion of air and chemical medium. It mainly includes stainless steel anchor bar, stainless steel coupler, stainless steel nut, stainless steel plate and other stainless steel accessories.





FEATURES AND ADVANTAGES

It has all advantages of self drilling anchor bolt system

Stainless steel system has better longevity, and can replace other anti-corrosion bolts such as hot-dip galvanizing.

High strength and wear resistance.

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02

It has good corrosion resistance and oxidation resistance, and is suitable for coastal and other corrosive environments. 04

Compared with common carbon or alloy steel anchor bar, stainless steel has excellent weldability.

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■ PRODUCT APPLICATION







Corrosive projects such as ocean and lake





Building foundation stabilization under heavy corrosive environment





Repair of existing building with permanent support requirements





Transmission tower base with high corrosion resistance requirements





Anti-floating pile under periodic variation of groundwater





Corrosive soil and rock reinforcement projects with aggressive geological conditions

			Hollow	Anchor E	Bar				
	Size	Oute	r Dia.	Ultimat	e Load	Yield	Load	Wei	ght
	0120	mm	in	kN	kips	kN	kips	kg/m	lbs/ft
	SXR25N	25	0.98	200	45	140	32	2.55	1.71
	SXR32N	32	1.26	280	63	200	45	3.50	2.35
	SXR32N1	32	1.26	320	72	220	50	4.10	2.76
	SXR32S	32	1.26	360	81	250	56	4.40	2.96
	SXR38L	38	1.50	400	90	280	63	5.00	3.36
	SXR38N	38	1.50	500	113	350	79	6.15	4.13
	SXR38S	38	1.50	550	124	380	86	6.50	4.37
	SXR51L 51 2.01 550 124 380 86	86	6.80	4.57					
	SXR51N	51	2.01	660	149	460	104	8.20	5.51
	SXR51S	51	2.01	800	180	560	126	9.90	6.65
	SXT30N	30	1.18	280	63	200	45	3.60	2.42
	SXT40N	40	1.57	539	121	380	86	6.90	4.64
	SXT52N	52	2.05	780	176	540	122	10.00	6.72

Note:

- 1. Customized products are also available based on your specific requirements.
- 2. Material: 316L or 304

3. 1mm=0.03937in 1

SXR51

70

1kN=0.225kips 1MPa=0.1450377ksi

220

8.66

1kg/m=0.672 lbs/ft

			Couple	r			
	Size	Oute	r Dia.	Ler	ngth	We	ight
	3126	mm	in	mm	in	kg	lbs
	SXR25	38	1.50	140	5.51	0.75	1.65
	SXR32	44	1.73	150	5.91	0.94	2.07
0	SXR32	44	1.73	160	6.30	1.00	2.20
	SXR38	54	2.13	180	7.09	1.76	3.87
	SXR38	54	2.13	200	7.87	1.96	4.31

2.76



7.88

3.58





Coupler Outer Dia. Length Weight Size in in kg mm lbs SXT30 45 105 0.77 1.69 1.77 4.13 SXT40 54 2.13 160 6.30 1.33 2.93 SXT52 70 200 7.15 2.76 7.87 3.25

			Hex Nu	t				
	Size	Key Size		Ler	igth	Weight		
	Size	mm	in	mm	in	kg	lbs	
	SXR25	40	1.57	60	2.36	0.48	1.06	
	SXR32	50	1.97	70	2.76	0.80	1.76	
-	SXR38	60	2.36	80	3.15	1.36	2.99	
	SXR38	60	2.36	90	3.54	1.53	3.37	
	SXR51	80	3.15	100	3.94	3.03	6.67	
	SXT30	50	1.97	60	2.36	0.74	1.63	
	SXT40	65	2.56	85	3.35	1.75	3.85	
	SXT52	80	3.15	100	3.94	3.04	6.69	

			Plate						
	Ciro	Dimer	nsions	Thick	ness	Hole	Dia.	Wei	ght
	Size	mm	in	mm	in	mm	in	kg	lbs
	SXR32	200×200	7.87×7.87	12	0.47	35	1.38	3.76	8.27
	SXR32	150 × 150	5.91 × 5.91	10	0.39	36	1.42	1.71	3.76
	SXR38	200×200	7.87×7.87	12	0.47	41	1.61	3.74	8.23
	SXR51	200×200	7.87×7.87	14	0.55	55	2.17	4.20	9.24
	SXT30	200×200	7.87×7.87	8	0.31	36	1.42	2.49	5.48
	SXT40	150 × 150	5.91 × 5.91	20	0.79	56	2.20	3.20	7.04
	SXT52	150 × 150	5.91 × 5.91	25	0.98	65	2.56	3.83	8.43

ANTI-CORROSION ANCHOR BOLT SYSTEM

■ INTRODUCTION

During application, the biggest influence on the service life of anchor bolt is the corrosion of surrounding environment, so it is especially important to have anti-corrosion anchor bolt. To meet customer's demand, Sinorock specializes in providing a variety of anti-corrosion anchor bolt systems, such as hot dip galvanizing anchor bolt, epoxy coating anchor bolt and the duplex(multiple) coating anchor bolt.





■ PRODUCT APPLICATION

01. The hot dip galvanizing anchor bolt is suitable for geotechnical engineering applications where longer service life is needed and the surrounding environment is complex, such as roads, railways, hydro-projects and other buildings that may be affected by seawater.

02. The epoxy coating anchor bolt is mainly used in industrial and civil construction, general structures and roads, bridges, ports and docks in humid or corrosive media.

03. The duplex coating anchor bolt is a combination of hot-dip galvanizing and epoxy coating. It is commonly used in the permanent support of hydro-projects, underwater tunnels, subway tunnels and some important buildings affected by groundwater for a long time. And it is also widely used in harbors, wharfs, offshore buildings that are corroded by seawater.

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Self drilling anchor bolt system is mainly used for tunnel and underground engineering, slope engineering, ground and foundation engineering. It can be used for pre-construction support and can effectively enhance the stability of soil and rock mass.



TUNNEL AND UNDERGROUND PROJECT

It is mainly used for initial support of tunneling. High pressure grouting is achieved through the hollow bar to strengthen the soil or rock mass to ensure the surface stability. According to the types of support in the tunnel, it can be divided into fore piling, radial support, tunnel–face support, footwall stabilization and reinforcement of the tunnel portal.



SLOPE STABILIZATION PROJECT

It is mainly used for slope project with poor geological environment. Slope stabilization is ensured by the entire anchoring system itself subjected to tensile and shear forces. It can be used as soil nail support, slope protection barrier, falling rock protection, retaining wall, embankment stability, roadbed reinforcement and other different application scenarios.



GROUND AND FOUNDATION PROJECT

It is mainly used for micro pile. Pressure, tension or periodic loads can be transferred to the surrounding soil, transferring structural loads to the underlying foundation structure and limiting the deformation of the building. It can be used as new building pile foundation, existing building structure repair, tower foundation, bridge reinforcement, soundproof wall foundation, protective screen pile foundation, anti-floating pile foundation, retaining beam anchoring and other different structural scenes.













QUALITY CONTROL PROCESS

The quality control in Sinorock is divided into three parts: incoming inspection, process inspection, finished product/outgoing inspection. From raw materials into the factory, production processing to finished product/out of the factory, the systematic inspection specification and sampling proportion have been formulated to ensure the implementation of quality control.

Sinorock achieves product traceability, and the main products have the identification of the batch number of circulation. Through the batch number of circulation, the customers can trace back to the related information such as the product raw material manufacturers, texture and processing and inquire the product information quickly as well as effectively.



Incoming Inspection:

Formulate perfect inspection items and sampling ratio, inspect the incoming products in all directions, and control the quality of the products at the source.



Process Inspection:

The production site adopts the "three inspection system" management, namely: self-inspection, mutual inspection, special inspection. In the process of processing, carry out comprehensive control of product quality to ensure that processed products meet technical requirements.



Outgoing Inspection:

Outgoing inspectors inspect the size and packaging of the outgoing products, record the inspection data, take photos of the packaging, and file the size and packaging photos of each batch of products.



PRODUCT QUALITY SYSTEM FLOW CHART



QUALITY CERTIFICATION

Authoritative certification is the guarantee of our quality. The quality of Sinorock products has received authoritative from different regions, countries and organizations, including ISO, SGS and CE. Sinorock also owns more than 30 patents.











PACKAGE PROCESS

scheme can be customized according to your request.



THE HOLLOW ANCHOR BAR PACKAGING **AND DELIVERY PROCESS**







01. Hollow bar packaging

02. Spray paint upon the end

03. Put on shipping marks

■I ACCESSORIES **PACKAGING**











Cartons

Put into cartons

Sealing

Sinorock has a professional packaging standard and process for every product. Most suitable packaging solutions for transportation, loading and unloading are summarized after the cooperation, communication with hundreds of customers. Each size of product has an independent and complete package standard. Packaging steps are clear and requirements are definite. Special packaging

Ready for packaging

Packed on



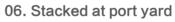












07. Loading container



05. Truck loading



04. Lifting for transportation











06 SERVICE

Set up the concept of after-sale service, unify after-sale service standards, dedicate to customized service concept, fully ensure customer service satisfaction, from three aspects of pre-sale, in-sale, after-sale, all-round launch customer service work combined with customer region and grade multi-dimension, and ultimately create the Sinorock brand of featured after-sale service .

PRE-SALE SERVICE





05. Customized

Service







03. Follow up the Customer



IN-SALE SERVICE



01. Quick Order Arrangement



02. Timely and Effective Follow-up as well as Feedback

04. Trade Logistics Integration





03. One-to-one **Professional Services**

AFTER-SALE SERVICE



01. Deal with Customer Complaint



02. After-sale Investigation



03. Customer Service



04. Holiday Greetings











SHELL MAGAZINE

The quarterly magazine SHELL is published by Sinorock. If you want to know more about Sinorock and China, welcome to visit our website or e-mail us to subscribe.



AFFILIATIONS INFORMATION



EXHIBITIONS

In recent years, Sinorock has participated in numerous exhibitions worldwide:







na Chile – EXPOMIN 2016





Iran - IranConMin 2016



U.S.A - CONEX-PO-CON/AGG 2017



South Africa – Bauma 2018



Turkey – Mining Turkey 2018



SOCIAL NETWORKING SERVICES

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