

R51 Technical Data:

Hollow Anchor Bar

Size	Outer Dia. (mm)	Ultimate Load (kN)	Yield Load (kN)	Weight (Kg/m)
SSR51L	51	580	450	6.75
SSR51N	51	800	630	9.00
SER51L	51	550	450	6.20
SER51L1	51	660	540	6.75
SER51N	51	800	630	8.20
SCR51S	51	925	740	9.25

Coupler

Size	Outer Dia. (mm)	Length (mm)	Weight (Kg/pc)	Note
SSR51	63	200	1.85	With sealing structure
	63	220	2.00	
SER51	63	200	1.84	Without sealing structure
	63	220	2.03	

Hex Nut

Size	Key Size (mm)	Length (mm)	Weight (Kg/pc)	Note
SSR51	75	70	1.53	Heat treatment
	75	80	1.84	
SER51	75	70	1.53	Without heat treatment

Domed Nut

Size	Key Size (mm)	Length (mm)	Weight (Kg/pc)	Note
SSR51	75	70	1.60	Heat treatment
	75	80	1.92	
SER51	75	70	1.60	Without heat treatment

Domed Plate

Size	Dimensions (mm)	Thickness (mm)	Hole Dia. (mm)	Weight (Kg/pc)
SER51	200×200	15	55	4.70

Flat Plate

Size	Dimensions (mm)	Thickness (mm)	Hole Dia. (mm)	Weight (Kg/pc)
SER51	150×150	40	56	6.20
	180×180	45	56	10.50
	200×200	30	60	8.72
	250×250	40	60	18.90

Centralizer

Size	Outer Dia. (mm)	Length (mm)	Weight (Kg/pc)
SER51	91	30	0.30

Drill Bit

Size	Outer Dia. (mm)	Application Range (Advice)	
EX			Sand, fills, gravel
SSR51/90	90		
SSR51/100	100		
SSR51/110	110		
SSR51/115	115		
SSR51/130	130		
SSR51/150	150		
EXX			Softer sedimentary rocks such as marls, mudstones, siltstone
SSR51/76	76		
SSR51/90	90		
SSR51/100	100		
SSR51/110	110		
SSR51/115	115		
SSR51/130	130		
SSR51/150	150		
EXX(Venturi)			
SSR51/115	115		
SSR51/140	140		
Clay Bit			Clay, soft soil, marls, loose sand or gravel
SSR51/76	76		
SSR51/90	90		
SSR51/115	115		
SSR51/130	130		
SSR51/150	150		
SSR51/175	175		
ES-F			Gravel, soft rock
SSR51/76	76		
SSR51/100	100		
SSR51/115	115		

SSR51/130	130		
ESS-F			Weathered rock, stone walls, rubble
SSR51/76	76		
SSR51/100	100		
SSR51/110	110		
SSR51/115	115		
SSR51/130	130		
SSR51/150	150		
EY			Chalk, gravel
SSR51/76	76		
EC			Chalks, marls, fills, competent ground
SSR51/115	115		
XX			Sand, clay, fills, gravel
SSR51/130	130		
SSR51/150	150		
SSR51/170	170		
SSR51/200	200		
ES-D			Gravel, soft rock
SSR51/115	115		
ESS-D			Weathered rock, stone walls, rubble
SSR51/115	115		