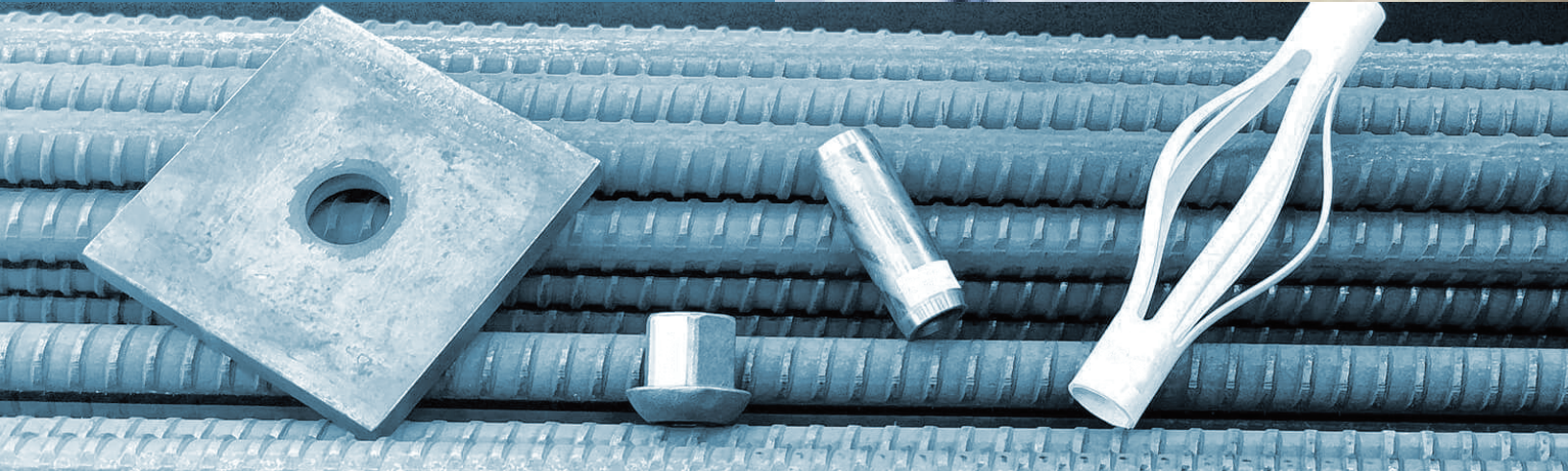


SELF DRILLING ANCHORS

Product catalogue



 **JIUFU**[®]

河北玖富工矿配件有限公司
HEBEI JIUFU INDUSTRIAL AND MINING PARTS CO., LTD



JF JIUFU

ISO anchor/astiba
E22-250
E22-250LN
E22-250LN
L=7

DIAMETRO Ø10

Spessore 10
Bande di protezione
Per info visitate il sito
www.jiufu.it

Qualità **50**

NOTE
0211444-2
0211444-2
Q.M. 25000

JF JIUFU

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NOTE
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Product catalogue

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JIU FU Self drilling anchors

Description

The Self Drilling Anchor system is comprised of a hollow threaded anchor bar with a sacrificial drill bit that performs drilling, anchoring and grouting in a single operation. Self drilling anchor system is mainly used in slope stabilization, tunneling pre-support, foundations with micro piles etc jobs, which is widely used in mining, tunneling, railway, metro construction etc projects.

• Anchor Bar

Hollow anchor bar is the body of a self-drilling anchor, as a hollow steel tube with an outer round thread, hollow anchor has the sacrificial anchor bit connected at one side, plate and nut connected at the other; two hollow anchor bars could be connected together via a coupling, for duties that requiring longer anchors.

• Drill bit

Drill bit is the front part of the self-drilling anchor system, by cutting and drilling rocks and other geological structures, the anchor could be sent to the designed depth.

• Anchor coupling

Self drilling anchor couplings are used to link anchor bars to make the anchor longer, thus promote its installation depth.

• Anchor nut

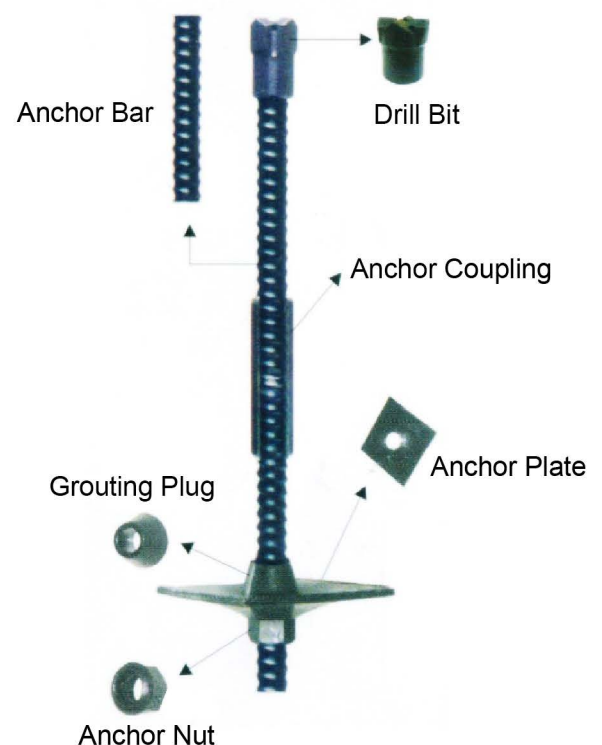
Self drilling anchor nut locks the plate, transmits force from anchor bar to plate and finally to the working face.

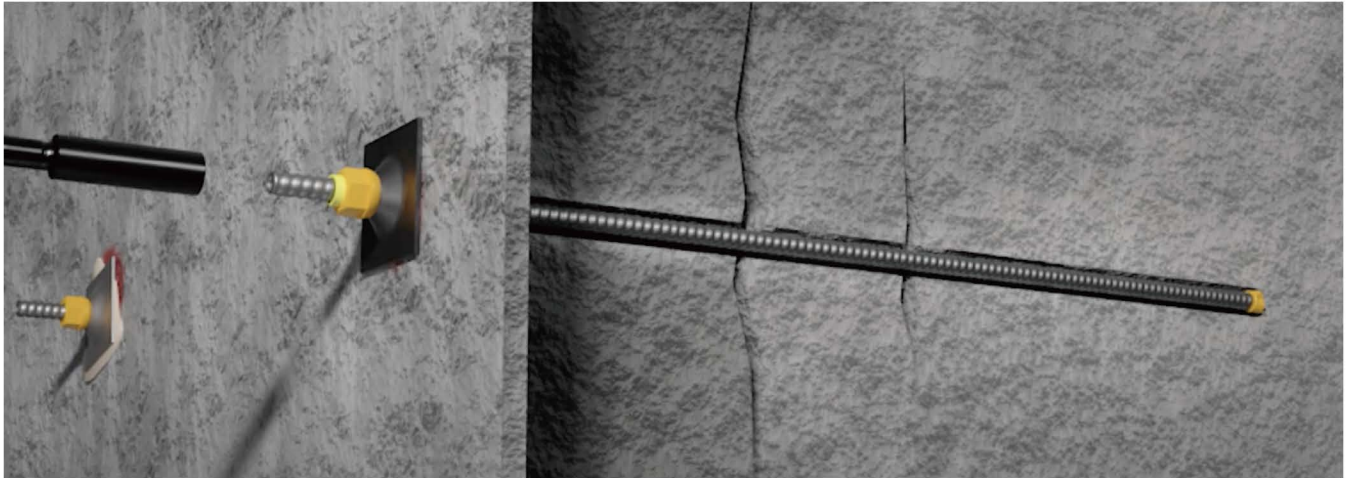
• Anchor plate

The self drilling anchor plate transmits load force from the self-drilling anchor system to the work face.

• Grouting Plug

Maintain the grouting pressure during the grouting process, so that the grout can fully fill the gap of surrounding rock.





Main applications

Used as anchors in the following applications:

- Slope stabilization
- Anchoring for rockfall barriers
- Bolting, especially in underground works such as road and rail tunnels and mining

Advantages of self-drilling anchors

- The bar is the reinforcement of the perforated column, eliminating the need for further insertion of the reinforcement.
- The continuous thread ensures excellent adhesion of the cement mortar.
- The raw material steel has a high elastic limit to ensure resistance to drilling forces and load.
- Reduced application time.
- Reduction in spoilage.



Quick reference

T30 Self Drilling Anchor System

Anchor Bar

Model	T30/16	T30/14	T30/11
Outside Diameter (mm)	30	30	30
Internal Diameter (mm)	16	14	11
Cross Sectional Area (mm ²)	343	356	406
Ultimate Load (kN)	220	260	320
Yield Load (kN)	180	220	260
Weight (kg/m)	2.70	2.80	3.25
Thread Type	T International standard		
Type of Steel	EN10083-1		
Thread (Left/Right Hand)	Left or Right		
Length (m)	(1)x2, x3, x4, x5, x6, x7, x8, x9, x10		

Anchor Nut

Model	T30/16	T30/14	T30/11
Key Size (mm)	46		
Length (mm)	35		
Hardness (HRC)	25-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.		
Thread Type	T International Standard		
Type of steel	CK45		
Unit Weight (kg)	0.36		
Thread (Left/Right Hand)	Left or Right		

Quick reference

T30 Self Drilling Anchor System

Anchor Plate

Model	T30/16	T30/14	T30/11
Size (mm)		200×200	
Thickness (mm)		8	
Hole Diameter (mm)		36	
Unit Weight (kg)		2.46	

Anchor Coupling





Model	T30/16	T30/14	T30/11
Outside Diameter (mm)		38	
Length (mm)		105	
Hardness (HRC)		23-30 (*)	
		<p>*In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.</p>	
Thread Type		T International standard	
Type of steel		EN10083-1	
Unit Weight (kg)		0.42	
Thread (Left/Right Hand)		Left or Right	



Centralizer

Model	T30/16	T30/14	T30/11
Outside Diameter (mm)		88	
Thickness (mm)		37	
Hole Diameter (mm)		36	
Type of Steel		CK45	
Unit Weight (kg)		0.27	

Quick reference

T30 Self Driling Anchor System

T30 Drill Bit				
	EX	EXX	ESF	ESSF
	Hardened cross bit for loose to medium dense ground conditions	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders	TC button bit for medium rock formations
Outside Diameter (mm)	D42/0.30 D46/0.32	D42/0.30 D46/0.32	D42/0.30 D46/0.32	D46/0.45
Unit Weight (kg)	D51/0.40 D76/0.56	D51/0.40	D51/0.40	D51/0.69
Hardness (HRC/HRA)	50-55	87-89	50-55	87-89
Thread Type	T International Standard			
Type of steel	En10083-1			
Thread (Left/RightHand)	Left or Right			

T30 Drill Bit			
	EW	EC	ECC
	Clay bit for clay, sand, loose ground & fill	Hardened arching bit for unconsolidated soil with small boulders	TC arching bit for soft to medium rock formations
Outside Diameter (mm)	D76/0.56	D51/0.36	D51/0.40
Unit Weight (kg)	D90/0.90		
Hardness (HRC/HRA)	43-48	43-48	87-89
Thread Type	T International Standard		
Type of steel	EN10083-1		
Thread (Left/Right Hand)	Left or Right		

Quick reference

T30 Self Driling Anchor System



Model	T30
Anchor Bar Thread	T30
Drill Bit Thread	R38 & T40
Length (mm)	50
Unit Weight (kg)	0.10

T40 Self Driling Anchor System

Anchor Bar

Model	T40/20	T40/16
Outside Diameter (mm)	40	40
Internal Diameter (mm)	20	16
Cross Sectional Area (mm ²)	713	910
Ultimate Load (kN)	540	660
Yield Load (kN)	430	525
Weight (kg/m)	5.60	7.15
Thread Type	T International Standard	
Type of Steel	EN10083-1	
Thread (Left/Right Hand)	Left or Right	
Length (m)	(1)x2, x3, x4, x5, x6,	

Quick reference

T40 Self Drilling Anchor System



Anchor Nut

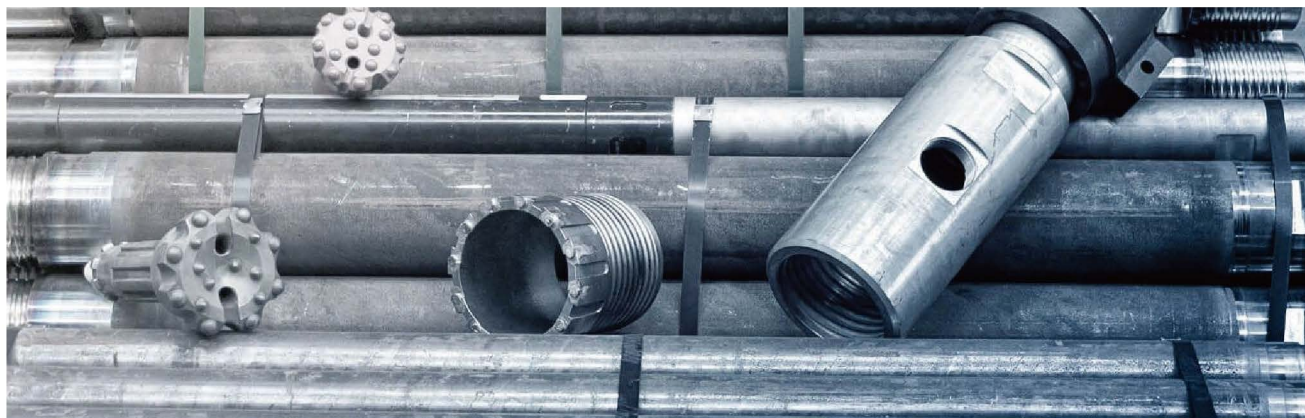
Model	T40/20	T40/16
Key Size (mm)	65	
Length (mm)	50	
Hardness (HRC)	25-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.	
Thread Type	T International Standard	
Type of steel	CK45	
Unit Weight (kg)	0.85	
Thread (Left/RightHand)	Left or Right	

Anchor Plate

Model	T40/20	T40/16
Size (mm)	200×200	200×200
Thickness (mm)	12	15
Hole Diameter (mm)	54	54
Unit Weight (kg)	3.50	4.58

Quick reference

T40 Self Drilling Anchor System



Anchor Coupling





Model	T40/20	T40/16
Outside Diameter (mm)	54	57
Length (mm)	140	
Hardness (HRC)	23-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.	
Thread Type	T International standard	
Type of steel	EN10083-1	
Unit Weight (kg)	1.15	1.54
Thread (Left/RightHand)	Left or Right	

Centralizer

Model	T40
Outside Diameter (mm)	88
Length (mm)	43
Hole Diameter (mm)	52
Type of Steel	CK45
Unit Weight (kg)	0.40

Quick reference

T40 Self Drilling Anchor System

T40 Drill Bit				
	EX	EXX	ESF	ESSF
	Hardened cross bit for loose to medium dense ground conditions	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders	TC button bit for medium rock formations
Outside Diameter (mm)	D76/0.90	D76/1.20 D90/1.75 D100/2.00	D76/1.15 D90/1.68 D110/2.15	D70/1.78 D76/1.40 D90/1.85
Unit Weight (kg)	D100/1.65 D115/2.60	D115/2.80 D130/3.10 D150/5.00	D115/2.30 D130/3.15	D100/2.00 D115/2.80 D130/4.92
Hardness (HRC/HRA)	50-55	87-89	50-55	87-89
Thread Type	T International Standard			
Type of steel	EN10083-1			
Thread (Left/RightHand)	Left or Right			

T40 Drill Bit			
	EW	EC	ECC
	Clay bit for clay, sand, loose ground & fill	Hardened arching bit for unconsolidated soil with small boulders	TC arching bit for soft to medium rock formations
Outside Diameter (mm)	D90/0.87	D90/1.45	D90/1.55
Unit Weight (kg)	D130/1.75 D150/2.32	D115/2.88	D100/1.66 D115/2.95
Hardness (HRC/HRA)	43-48	50-55	87-89
Thread Type	T International Standard		
Type of steel	EN10083-1		
Thread (Left/RightHand)	Left or Right		

Quick reference

T40 Self Drilling Anchor System

Drill Bit Adapter

Model	T40
Anchor Bar Thread	T40
Drill Bit Thread	R51 & T52 & T73 & T76
Length (mm)	50
Unit Weight (kg)	0.20

T52 Self Drilling Anchor System



Anchor Bar

Model	T52/26
Outside Diameter (mm)	52
Internal Diameter (mm)	26
Cross Sectional Area (mm ²)	1250
Ultimate Load (kN)	929
Yield Load (kN)	730
Weight (kg/m)	9.90
Thread Type	T International Standard
Type of Steel	EN10083-1
Thread (Left/Right Hand)	Left or Right
Length (m)	(1)x2, x3, x4, x5, x6

Quick reference

T52 Self Driling Anchor System



Anchor Nut

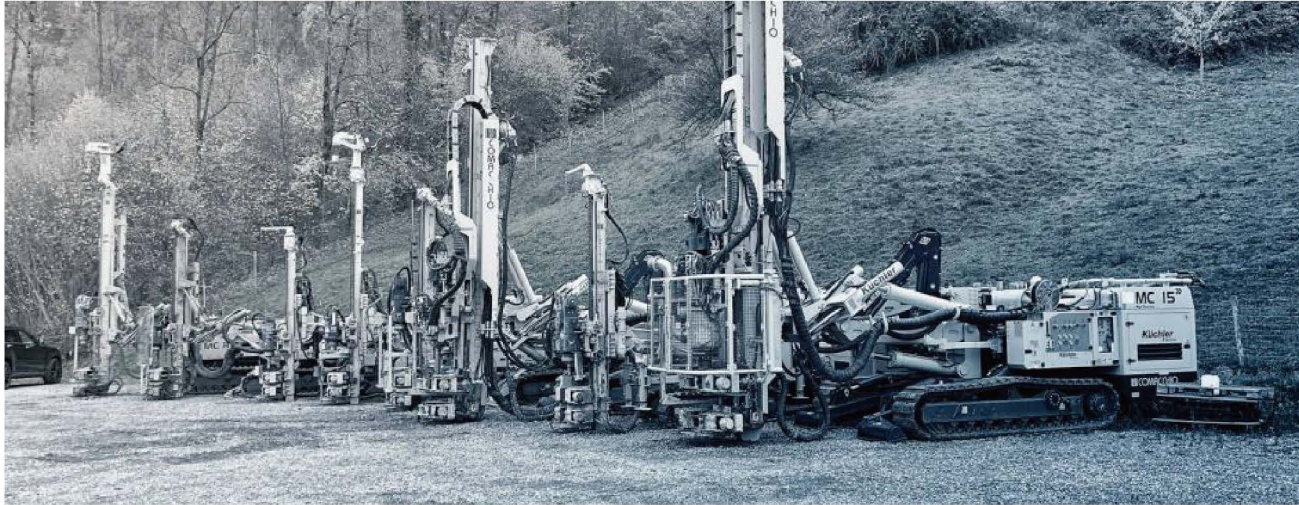
Model	T52/26
Key Size (mm)	80
Length (mm)	70
Hardness (HRC)	25-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.
Thread Type	T International Standard
Type of steel	EN10083-1
Unit Weight (kg)	2.35
Thread (Left/RightHand)	Left or Right

Anchor Plate

Model	T52/26
Size (mm)	220×220
Thickness (mm)	35
Hole Diameter (mm)	65
Unit Weight (kg)	12.10

Quick reference

T52 Self Drilling Anchor System



Anchor Coupling






Model	T52/26
Outside Diameter (mm)	70
Length (mm)	160
Hardness (HRC)	23-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.
Thread Type	T International standard
Type of steel	EN10083-1
Unit Weight (kg)	2.30
Thread (Left/RightHand)	Left or Right

Centralizer

Model	T52/26
Outside Diameter (mm)	112
Thickness (mm)	55
Hole Diameter (mm)	68
Type of Steel	CK45
Unit Weight (kg)	1.20

Quick reference

T52 Self Driling Anchor System

T52 Drill Bit					
	EX	EXX	ESD	ESSF	EW
	Hardened cross bit for loose to medium dense ground conditions	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders	TC button bit for medium rock formations	Hardened cross bit for loose to medium dense ground conditions
Outside Diameter (mm)		D115/2.60		D100/2.50	D130/1.85
Unit Weight (kg)	D115/2.60	D130/2.80 D150/4.50	D115/2.60	D115/3.70	D150/2.40
Hardness (HRC/HRA)	50-55	87-89	50-55	87-89	43-48
Thread Type	T International Standard				
Type of steel	EN10083-1				
Thread (Left/RightHand)	Left or Right				

Drill Bit Adapter

Model	T52/26
Anchor Bar Thread	T52
Drill Bit Thread	T73 & T76
Length (mm)	50
Unit Weight (kg)	0.60

Quick reference

T73 Self Drilling Anchor System

Anchor Bar

Model	T73/53	T73/56	T73/45	T73/35
Outside Diameter (mm)	73	73	73	73
Internal Diameter (mm)	53	56	45	35
Cross Sectional Area (mm ²)	1680	1369	2267	2700
Ultimate Load (kN)	1160	1194	1588	1875
Yield Load (kN)	970	785	1270	1430
Weight (kg/m)	13.20	10.75	17.80	21.20
Thread Type	T International standard			
Type of Steel	EN10083-1			
Thread (Left/Right Hand)	Left or Right			
Length (m)	(1)×2,×3,×4			

Anchor Nut

Model	T73/53	T73/56	T73/45	T73/35
Key Size (mm)	95			
Length (mm)	70			
Hardness (HRC)	25-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.			
Thread Type	T International Standard			
Type of steel	CK45			
Unit Weight (kg)	2.20			
Thread (Left/Right Hand)	Left or Right			

Quick reference

T73 Self Drilling Anchor System

Anchor Plate

Model	T73/53	T73/56	T73/45	T73/35
Size (mm)	250×250			
Thickness (mm)	40			
Hole Diameter (mm)	80			
Unit Weight (kg)	18			

Anchor Coupling






Model	T73/53	T73/56	T73/45	T73/35
Outside Diameter (mm)	89			
Length (mm)	235			
Hardness (HRC)	23-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.			
Thread Type	T International standard			
Type of steel	EN10083-1			
Unit Weight (kg)	4.3			
Thread (Left/Right Hand)	Left or Right			

Centralizer

Model	T73
Outside Diameter (mm)	130
Length (mm)	80
Hole Diameter (mm)	87
Type of Steel	CK45
Unit Weight (kg)	1.20

Quick reference

T73 Self Drilling Anchor System

T73 Drill Bit					
	EX	EXX	ESD	ESSF	EW
	Hardened cross bit for loose to medium dense ground conditions	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders	TC button bit for medium rock formations	Hardened cross bit for loose to medium dense ground conditions
Outside Diameter (mm)	D130/3.30	D130/4.20	D130/4.90	D110/3.85	D130/2.80
Unit Weight (kg)	D170/5.50	D150/5.70 D200/10.00		D130/6.90	D150/2.90
Hardness (HRC/HRA)	50-55	87-89	50-55	87-89	43-48
Thread Type	T International Standard				
Type of Steel	EN10083-1				
Thread (Left/Right Hand)	Left or Right				

Drill Bit Adapter

Model	T73
Anchor Bar Thread	T73
Drill Bit Thread	T103
Length (mm)	50
Unit Weight (kg)	1.30

Quick reference

T76 Self Driling Anchor System

Anchor Bar

Model	T76N	T76S
Outside Diameter (mm)	76	76
Internal Diameter (mm)	51	45
Cross Sectional Area (mm ²)	2000	2400
Ultimate Load (kN)	1600	1900
Yield Load (kN)	1200	1500
Weight (kg/m)	16.50	19
Thread Type	T International standard	
Type of Steel	EN10083-1	
Thread (Left/Right Hand)	Left or Right	
Length (m)	(1)x2,×3,×4	

Anchor Nut

Model	T76N	T76S
Key Size (mm)	100	
Length (mm)	80	
Hardness (HRC)	25-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.	
Thread Type	T International Standard	
Type of steel	CK45	
Unit Weight (kg)	2.66	
Thread (Left/RightHand)	Left or Right	

Quick reference

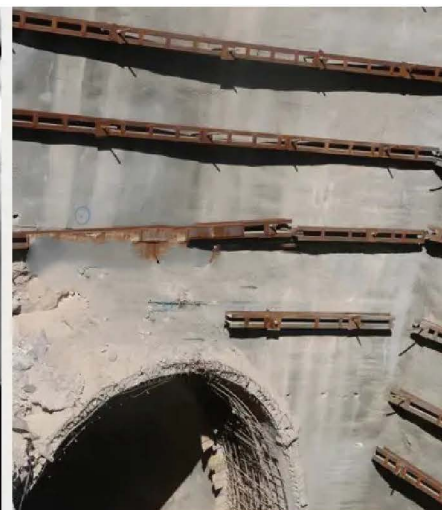
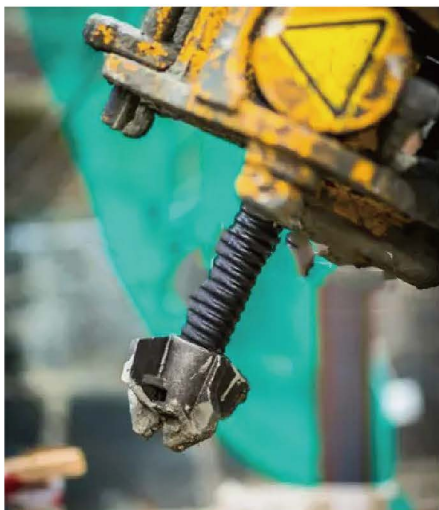
T76 Self Drilling Anchor System

Anchor Plate

Model	T76N	T76N
Size (mm)	250×250	
Thickness (mm)	40	
Hole Diameter (mm)	80	
Unit Weight (kg)	26.80	






Anchor Coupling

Model	T76N	T76S
Outside Diameter (mm)	95	95
Length (mm)	200	220
Hardness (HRC)	23-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.	
Thread Type	T International standard	
Type of steel	EN10083-1	
Unit Weight (kg)	4.30	5.35
Thread (Left/Right Hand)	Left or Right	



Quick reference

T76 Self Driling Anchor System

T76 Drill Bit					
	EX	EXX	ESD	ESSF	EW
	Hardened cross bit for loose to medium dense ground conditions	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders	TC button bit for medium rock formations	Hardened cross bit for loose to medium dense ground conditions
Outside Diameter (mm)	130/3.30	130/4.60	130/4.90	120/3.65	130/2.60
Unit Weight (kg)	170/5.50	150/5.70 200/10.00	170/7.00	130/6.30 150/6.60	150/2.70
Hardness (HRC/HRA)	50-55	87-89	50-55	87-89	43-48
Thread Type	T International Standard				
Type of Steel	EN10083-1				
Thread (Left/Right Hand)	Left or Right				

T103 Self Driling Anchor System

Anchor Bar

Model	T103/78	T103/51
Outside Diameter (mm)	103	103
Internal Diameter (mm)	78	51
Cross Sectional Area (mm ²)	3220	5680
Ultimate Load (kN)	2280	3460
Yield Load (kN)	1800	2730
Weight (kg/m)	25.30	44.60
Thread Type	T International standard	
Type of Steel	EN10083-1	
Thread (Left/Right Hand)	Continuously right hand threaded	
Length (m)	(1)x2, x3, x4	

Quick reference

T103 Self Drilling Anchor System



Anchor Nut

Model	T103/78	T103/51
Key Size (mm)	125	
Length (mm)	80	
Hardness (HRC)	25-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.	
Thread Type	T International Standard	
Type of steel	CK45	
Unit Weight (kg)	3.42	
Thread (Left/RightHand)	Right	

Anchor Plate

Model	T103/78	T103/51
Size (mm)	300×300	
Thickness (mm)	50	
Hole Diameter (mm)	110	
Unit Weight (kg)	32.6	

Quick reference

T103 Self Drilling Anchor System



Anchor Coupling




Model	T103/78	T103/51
Outside Diameter (mm)	123	
Length (mm)	255	
Hardness (HRC)	23-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.	
Thread Type	T International standard	
Type of steel	EN10083-1	
Unit Weight (kg)	7.45	
Thread (Left/Right Hand)	Right	

Centralizer

Model	T103
Outside Diameter (mm)	165
Length (mm)	80
Hole Diameter (mm)	110
Type of Steel	CK45
Unit Weight (kg)	2.93

Quick reference

T103 Self Driling Anchor System

T103 Drill Bit			
	EXX	ESSF	EW
	TC cross bit for soft to medium rock formations	TC button bit for medium rock formations	Hardened cross bit for loose to medium dense ground conditions
Outside Diameter (mm)	D175/7.66	D175/11.12	D220/12.5
Unit Weight (kg)			D280/13.5
Hardness (HRC/HRA)	87-89	87-89	43-48
Thread Type	T International Standard		
Type of steel	EN10083-1		
Thread (Left/Right Hand)	Right		

R25 Self Driling Anchor System

Anchor Bar

Model	R25N
Outside Diameter (mm)	25
Internal Diameter (mm)	14
Cross Sectional Area (mm ²)	292
Ultimate Load (kN)	200
Yield Load (kN)	150
Weight (kg/m)	2.30
Thread Type	ISO10208
Type of Steel	EN10083-1
Thread (Left/Right Hand)	Left or Right
Length (m)	(1)x2,×3,×4,×5,×6,×7,×8,×9,×10

Quick reference

R25 Self Drilling Anchor System



Anchor Nut

Model	R25N
Key Size (mm)	41
Length (mm)	35
Hardness (HRC)	25-30 (*) <small>*In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.</small>
Thread Type	ISO10208
Type of steel	CK45
Unit Weight (kg)	0.25
Thread (Left/RightHand)	Left or Right

Anchor Plate





Model	R25
Size (mm)	150×150
Thickness (mm)	8
Hole Diameter (mm)	30
Unit Weight (kg)	1.40

Quick reference

R25 Self Drilling Anchor System

Anchor Coupling

Model	R25
Outside Diameter (mm)	36
Length (mm)	150
Hardness (HRC)	23-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.
Thread Type	ISO10208
Type of steel	EN10083-1
Unit Weight (kg)	0.60
Thread (Left/Right Hand)	Left or Right

R25 Drill Bit				
	EX	EXX	ESF	ESSF
	Hardened cross bit for loose to medium dense ground conditions	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders	TC button bit for medium rock formations
Outside Diameter (mm)	42/0.30	42/0.30	42/0.25	42/0.30
Unit Weight (kg)	51/0.40	51/0.42	51/0.42	51/0.42
Hardness (HRC/HRA)	50-55	87-89	50-55	87-89
Thread Type	ISO10208			
Type of steel	EN10083-1			
Thread (Left/RightHand)	Left or Right			

Quick reference

R25 Self Driling Anchor System



Drill Bit Adapter

Model	R25
Anchor Bar Thread	R25
Drill Bit Thread	R32/R38/T40
Length (mm)	50
Unit Weight (kg)	0.10

R32 Self Driling Anchor System

Anchor Bar

Model	R32L	R32N/21	R32N/18.5	R32S	R32SS
Outside Diameter (mm)	32				
Internal Diameter (mm)	22	20	18.5	17	14
Cross Sectional Area (mm ²)	356	363	433	440	522
Ultimate Load (kN)	260	280	280	360	405
Yield Load (kN)	200	230	230	280	300
Weight (kg/m)	2.80	2.85	3.40	3.45	4.10
Thread Type	ISO10208				
Type of Steel	EN10083-1				
Thread (Left/Right Hand)	Left or Right				
Length (m)	(1)x2,x3,x4 x5,x6,x7,x8,x9				

Quick reference

R32 Self Drilling Anchor System



Anchor Nut

Model	R32L	R32N/21	R32N/18.5	R32S	R32SS
Key Size (mm)	46				
Length (mm)	45	45	45	65	65
Hardness (HRC)	25-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.				
Thread Type	ISO10208				
Type of steel	CK45				
Unit Weight (kg)	0.35	0.35	0.35	0.53	0.53
Thread (Left/Right Hand)	Left or Right				

Anchor Plate

Model	R32L	R32N/21	R32N/18.5	R32S	R32SS
Size (mm)	200×200				
Thickness (mm)	10	10	10	12	12
Hole Diameter (mm)	35				
Unit Weight (kg)	3.00	3.00	3.00	3.30	3.30

Quick reference

R32 Self Driling Anchor System



Anchor Coupling






Model	R32L	R32N/21	R32N/18.5	R32S	R32SS
Outside Diameter (mm)	42				
Length (mm)	145	160	160	190	190
Hardness (HRC)	23-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.				
Thread Type	ISO10208				
Type of steel	EN10083-1				
Unit Weight (kg)	0.72	0.80	0.80	0.96	0.96
Thread (Left/Right Hand)	Left or Right				





Centralizer

Model	R32L	R32N/21	R32N/18.5	R32S	R32SS
Outside Diameter (mm)	72				
Length (mm)	30				
Hole Diameter (mm)	41				
Type of Steel	CK45				
Unit Weight (kg)	0.30				

Quick reference

R32 Self Drilling Anchor System

R32 Drill Bit					
	EX	EXX	ESF	ESSF	EW
	Hardened cross bit for loose to medium dense ground conditions	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders	TC button bit for medium rock formations	ClayBit for Clay, Sand, Loose Ground& Fill
Outside Diameter (mm)	D51/0.35	D51/0.40	D51/0.42	D51/0.47	D76/0.55
Unit Weight (kg)	D76/0.75 D90/1.60	D76/1.20 D90/2.30	D76/1.25	D76/1.60 D90/1.90	D90/1.06
Hardness (HRC/HRA)	50-55	87-89	50-55	87-89	43-48
Thread Type	ISO10208				
Type of Steel	EN10083-1				
Thread (Left/Right Hand)	Left or Right				

R32 Drill Bit				
	EC	ECC	EY	EYY
	Hardened arching bit for unconsolidated soil with small boulders	TC arching bit for soft to medium rock formations	Hardened drop centre bit for tills	TC drop centre bit for Competent Ground&StrongRock
Outside Diameter (mm)	D51/0.35	D51/0.40	D76//0.97	D76/0.95
Unit Weight (kg)	D76/1.16	D76/0.85	D90/1.35	D90/1.40
Hardness (HRC/HRA)	43-48	87-89	50-55	87-89
Thread Type	ISO10208			
Type of steel	EN10083-1			
Thread (Left/RightHand)	Left or Right			

Quick reference

R32 Self Drilling Anchor System

Drill Bit Adapter

Model	R32
Anchor Bar Thread	R32
Drill Bit Thread	R38/R51/T40/T52
Length (mm)	50
Unit Weight (kg)	0.10

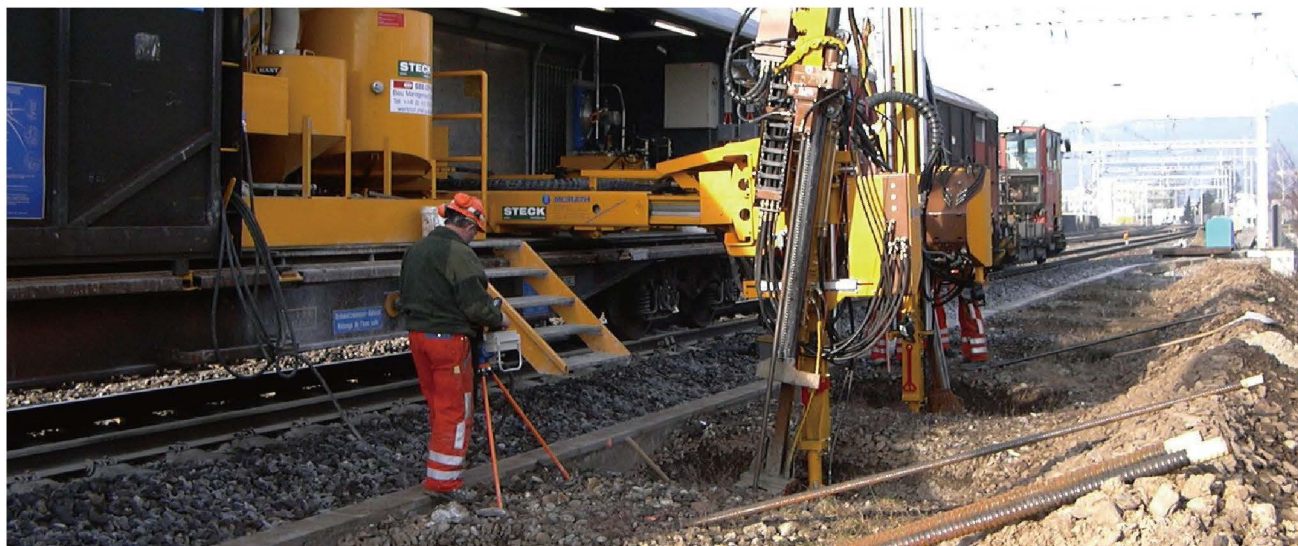
R38 Self Drilling Anchor System

Anchor Bar

Model	R38N/21	R38N/19
Outside Diameter (mm)	38	38
Internal Diameter (mm)	22	19
Cross Sectional Area (mm ²)	611	700
Ultimate Load (kN)	500	500
Yield Load (kN)	400	400
Weight (kg/m)	4.80	5.50
Thread Type	ISO10208	
Type of Steel	EN10083-1	
Thread (Left/Right Hand)	Left or Right	
Length (m)	(1)x2, x3, x4, x5, x6	

Quick reference

R38 Self Drilling Anchor System



Anchor Nut

Model	R38N/21	R38N/19
Key Size (mm)		50
Length (mm)		60
Hardness (HRC)		25-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.
Thread Type		ISO10208
Type of steel		CK45
Unit Weight (kg)		0.50
Thread (Left/RightHand)		Left or Right

Anchor Plate

Model	R38N/21	R38N/19
Size (mm)		200×200
Thickness (mm)		12
Hole Diameter (mm)		41
Unit Weight (kg)		3.60

Quick reference

R38 Self Drilling Anchor System



Anchor Coupling






Model	R38N/21	R38N/19
Outside Diameter (mm)	52	
Length (mm)	220	
Hardness (HRC)	23-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.	
Thread Type	ISO10208	
Type of steel	EN10083-1	
Unit Weight (kg)	1.80	
Thread (Left/Right Hand)	Left or Right	






Centralizer

Model	R38N/21	R38N/19
Outside Diameter (mm)	72	
Length (mm)	41	
Hole Diameter (mm)	50	
Type of Steel	CK45	
Unit Weight (kg)	0.30	

Quick reference

R38 Self Drilling Anchor System

R38 Drill Bit					
	EX	EXX	ESF	ESD	ESSF
	Hardened cross bit for loose to medium dense ground conditions	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders		TC button bit for medium rock formations
Outside Diameter (mm)	D76/0.75	D76/1.06	D76/1.15	D115/2.30	D76/1.10
Unit Weight (kg)	D90/1.55 D100/1.80	D90/1.80 D100/1.80	D90/1.54 D100/2.00		D90/1.85 D100/2.70 D115/3.60
Hardness (HRC/HRA)	50-55	87-89	50-55	50-55	87-89
Thread Type	ISO10208				
Type of Steel	EN10083-1				
Thread (Left/Right Hand)	Left or Right				

R38 Drill Bit					
	EW	EC	ECC	EY	EYY
	Clay bit for clay,sand loose ground&fill	Hardened arching bit for unconsolidated soil with small boulders	TC arching bit for soft to medium rock formations	Hardened drop centre bit for fills	TC drop centre bit for competent ground & strong rock
Outside Diameter (mm)	D76/0.73	D76/1.15	D76/1.15	D76/0.85	D76/1.05
Unit Weight (kg)	D90/0.83 D100/1.00 D110/1.15 D115/1.00 D130/1.80 D150/2.80	D90/1.50 D115/2.60	D90/1.60 D110/2.45 D115/2.80	D90/1.10 D130/2.75	D90/1.30 D115/2.15
Hardness (HRC/HRA)	43-48	43-48	87-89	50-55	87-89
Thread Type	ISO10208				
Type of Steel	EN10083-1				
Thread (Left/Right Hand)	Left or Right				

Quick reference

R38 Self Drilling Anchor System

Drill Bit Adapter

Model	R38
Anchor Bar Thread	R38
Drill Bit Thread	R51/T52/T73/T76
Length (mm)	50
Unit Weight (kg)	0.20

R51 Self Drilling Anchor System

Anchor Bar

Model	R51L	R51N
Outside Diameter (mm)	51	51
Internal Diameter (mm)	36	33
Cross Sectional Area (mm ²)	713	993
Ultimate Load (kN)	550	800
Yield Load (kN)	450	630
Weight (kg/m)	6.30	7.80
Thread Type	ISO1720	
Type of Steel	EN10083-1	
Thread (Left/Right Hand)	Left or Right	
Length (m)	(1)x2, x3, x4, x5, x6	

Quick reference

R51 Self Driling Anchor System



Anchor Nut

Model	R51L	R51N
Key Size (mm)	75	
Length (mm)	70	
Hardness (HRC)	25-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.	
Thread Type	ISO1720	
Type of steel	CK45	
Unit Weight (kg)	1.50	
Thread (Left/RightHand)	Left or Right	

Anchor Plate

Model	R51L	R51N
Size (mm)	200×200	250×250
Thickness (mm)	30	40
Hole Diameter (mm)	60	60
Unit Weight (kg)	8.80	18.50

Quick reference

R51 Self Drilling Anchor System



Anchor Coupling






Model	R51L	R51N
Outside Diameter (mm)	63	
Length (mm)	140	200
Hardness (HRC)	23-30 (*) *In a certain range, tensile strength increases in proportion to hardness. For couplers or nuts, it's important to make sure the fitting capacity with bars must reach bar's capacity itself. Through hundreds of rounds of testing, JiuFu sets up a lab standard which is HRC 23-30 for couplers and HRC 25-30 for nuts. JiuFu's products have achieved 100% safe application over 15years.	
Thread Type	ISO1720	
Type of steel	EN10083-1	
Unit Weight (kg)	1.26	1.90
Thread (Left/Right Hand)	Left or Right	






Centralizer

Model	R51L	R51N
Outside Diameter (mm)	90	
Length (mm)	54	
Hole Diameter (mm)	60	
Type of Steel	CK45	
Unit Weight (kg)	0.36	

Quick reference

R51 Self Drilling Anchor System

R51 Drill Bit					
	EX	EXX	ESF	ESD	ESSF
	Hardened cross bit for loose to medium dense ground conditions	TC cross bit for soft to medium rock formations	Hardened button bit for unconsolidated rock with boulders		Hardened button bit for unconsolidated rock with boulders
Outside Diameter (mm)	D90/1.60	D90/1.75 D100/2.50 D115/2.80 D130/4.00 D150/5.50	D90/1.35(ESF) D100/1.50(ESF) D115/2.10(ESD)		D90/1.90 D100/2.40 D115/3.50 D130/5.00 D150/6.20
Unit Weight (kg)	D115/2.50				
Hardness (HRC/HRA)	50-55	87-89	50-55		87-89
Thread Type	ISO1720				
Type of Steel	EN10083-1				
Thread (Left/Right Hand)	Left or Right				

R51 Drill Bit					
	EW	EC	ECC	EY	EYY
	Clay bit for clay,sand loose ground&fill	Hardened arching bit for unconsolidated soil with small boulders	TC arching bit for soft to medium rock formations	Hardened drop centre bit for fills	TC drop centre bit for competent ground & strong rock
Outside Diameter (mm)	D130/1.85	D115/2.30	D115/2.70	D115/2.10	D115/2.20
Unit Weight (kg)	D150/2.40				
Hardness (HRC/HRA)	43-48	43-48	87-89	50-55	87-89
Thread Type	ISO1720				
Type of Steel	EN10083-1				
Thread (Left/Right Hand)	Left or Right				

Quick reference

R51 Self Driling Anchor System

Drill Bit Adapter

Model	R51
Anchor Bar Thread	R51
Drill Bit Thread	T73 or T76
Length (mm)	50
Unit Weight (kg)	0.20