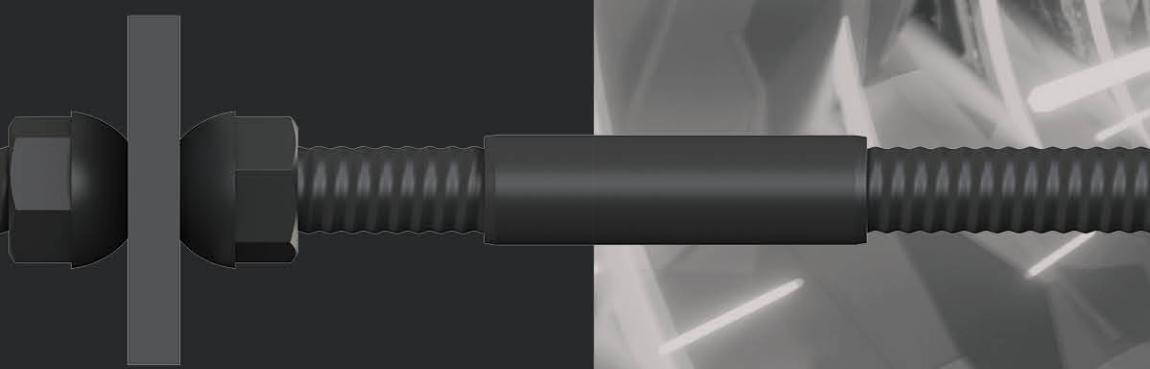


**YOUR
RELIABLE
PARTNER
FOR DRILLING
SYSTEM**



 Hauptstraße 10 Unteraltenbernhain
91619 Obernzenn Germany

 +49 (0) 15146403476
 bernd@haber-tech.de
 www.haber-tech.de

 No.56 Shangfan,Lixie industrial park,
Hengxi Town,Ningbo,China

 +86 (0) 13505747978
 hans@umcnb.com
 www.umcnb.com



UMC®
Ground Support System



**SELF
DRILLING
ANCHOR
SYSTEM**



**ONE YOU NEED
ALL WE SUPPORT**

www.haber-tech.de



HABER-TECH GMBH

UMC®
Ground Support System



HABER-TECH GM&H

GLOBAL SERVICE

GERMANY

In order to serve European customers better, we have established a storage base in Ansbach, Germany, which reduces the shipping cycle of one month. We can deliver the goods to customers in a shorter time and provide stronger support for customers.

CHINA

In China, we have more than 400 kinds of products in stock. Through the development of ERP system, it covers the management of most self drilling anchor system accessories. We have carried out classified warehouse management for special customized customers, and the operation will be more efficient. The production and inventory base in China can provide strong supply and services for the Asia Pacific Region.



WE ARE NOT JUST A SIMPLE SUPPLIER

We are a professional manufacturer of innovative geotechnical solution. We offers designed solutions and services for the foundation, earth retention, shoring and underpinning projects, specializes in micropiles, rock anchors, soil Nails, underpinning and earth retention systems etc.

Our factory UMC has 25 years of experience in the production of self drilling anchor accessories, and can provide customers with one-stop supply services, whether it is product design, manufacturing, technology and after-sales, we will serve global customers with the standard of serving European customers.



HABER-TECH GMBH

MULTIPLE PRODUCTION LINE

We have the advanced production line of lose wax casting process, forging process and CNC Machining process to ensure the products with high quality level for global customers.

MULTIPLE LOCATION STOCK SERVICES

We developed and perfected many of the technologies and products we use for our services. In our 8,000sq. manufacturing and warehouse facility located in Ningbo China and 2,000sq warehouse located in Ansbach Germany.

INNOVATION & TECHNOLOGY SERVICES

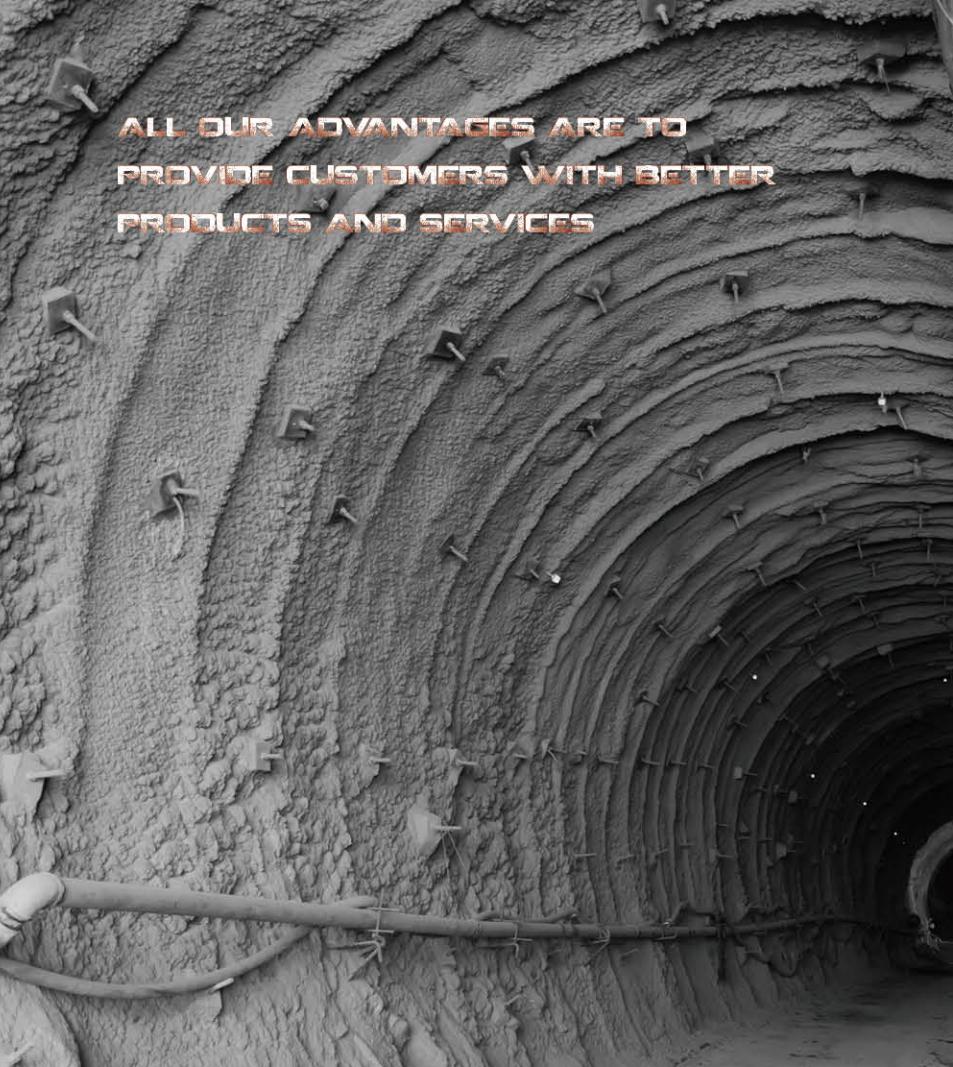
Since inception not only have we remained to promote to the products function of our innovative design, but we have also developed many other innovative materials and new product structure. Our team is committed to providing outstanding service as well as closing to our customers' ideas. UDT, Our friendly and knowledgeable customer service team is ready to assist you with all your questions and concerns. We're here to help you.

QUALITY GUARANTEE

Keeping a persuasive high quality level is our business tenet. Our QC management team guarantees the implementation in all areas from material to mechanical properties. We assist and commit your projects will be safe.



ALL OUR ADVANTAGES ARE TO PROVIDE CUSTOMERS WITH BETTER PRODUCTS AND SERVICES



www.haber-tech.de

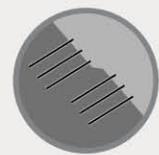


GEOTECHNICAL SOLUTION



MICROPILE 1

A micropile is small-diameter (about 50mm to 300mm) deep foundation element, micropile foundations may consist of a single pile or a group of piles arranged in a grid or wall pattern, which are typically constructed with conventional drilling equipment by excavating a vertical shaft to the design depth and backfilling it with steel reinforcement and grout or concrete.



SOIL NAILING 2

Soil nailing is a construction remedial measure to treat unstable natural soil slopes or as a construction technique that secures over-steepening existing soil slopes to keep the stabilization of retaining walls or embankments. The technique involves the drill of hollow bar into the slope, then hollow bars may be drilled by the use of a sacrificial drill bit and by pumping grout down the hollow bar as drilling progresses.



ROCK BOLT 3

Rock bolt, in tunneling and underground mining, steel bar inserted in a hole drilled into the roof or walls of a rock formation to provide support to the roof or sides of the cavity, and it transfers load from the unstable exterior to the confined interior of the rock mass.



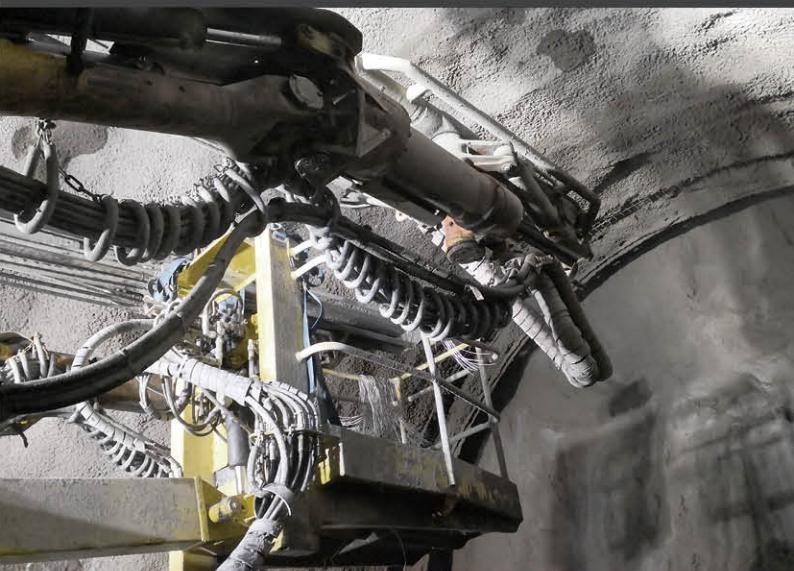
TECHNICAL STRENGTH

We offer designed solutions and services for the foundation, earth retention, shoring and underpinning projects, specializes in micropiles, rock anchors, soil Nails, underpinning and earth retention systems etc.



TUNNELING 4

Tunnels as civil engineering structures are an underground passageway, dug through the surrounding soil, earth, rock enclosed except for entrance and exit, our tunneling support system includes top support, face support, partial support, temporary support and long-term support, ensures the safety and stability of tunnel engineering.



**ALL PRODUCT
DEVELOPMENT, DESIGN,
PRODUCTION AND QUALITY
INSPECTION ARE TO ENSURE
PROJECT SAFETY**



UMC®
Ground Support System

PRODUCTION ADVANTAGE

www.haber-tech.de

CASTING

Investment casting, also known as lost wax casting, the method in China originated in the Spring and Autumn period at the latest, includes pressing wax, repairing wax, tree forming, slurry sticking, melting wax, casting liquid metal and post-treatment. Lost wax casting is to use wax to make the wax mold of the parts to be cast, and then the wax mold is coated with water glass and sands, which is called sands mold, after the mold is dried, dip it into a container of hot water to melt the inner wax mold. Take out the sands mold of the melted wax mold and bake it into pottery mold once roasting. Generally, when making mud mold, the pouring port is left, and then the molten steel is poured into the pouring gate. After cooling, the required parts are made.

FORGING

We adopt friction screw press to produce some high quality hexagon nut, domed nut, domed plate, angle plates and some special SDA accessories. Forging can eliminate the casting porosity and optimize the microstructure. Meanwhile, the mechanical properties of forgings are generally better than those of castings of the same material due to the preservation of complete steel flow lines.

MACHINING

We have multiple machining production lines to meet the deep processing requirements of accessories of self drilling anchor system. At the same time, in order to get through the upper and lower industrial chain, we integrate resources with some strategic partners and try our best to provide customers with one-stop supply and service. From 2021, we have begun to carry out the transformation of intelligent factory to inject more power into the future.

HEAT TREATMENT

In order to make the accessories of self drilling anchor achieve a good mechanical properties and adapt to various geological condition and engineering requirements, we have carried out classified heat treatment on the accessories, through annealing, normalizing, quenching and tempering process, to ensure that the internal structure of each product is delicate and achieves certain physical conditions.

SURFACE TREATMENT

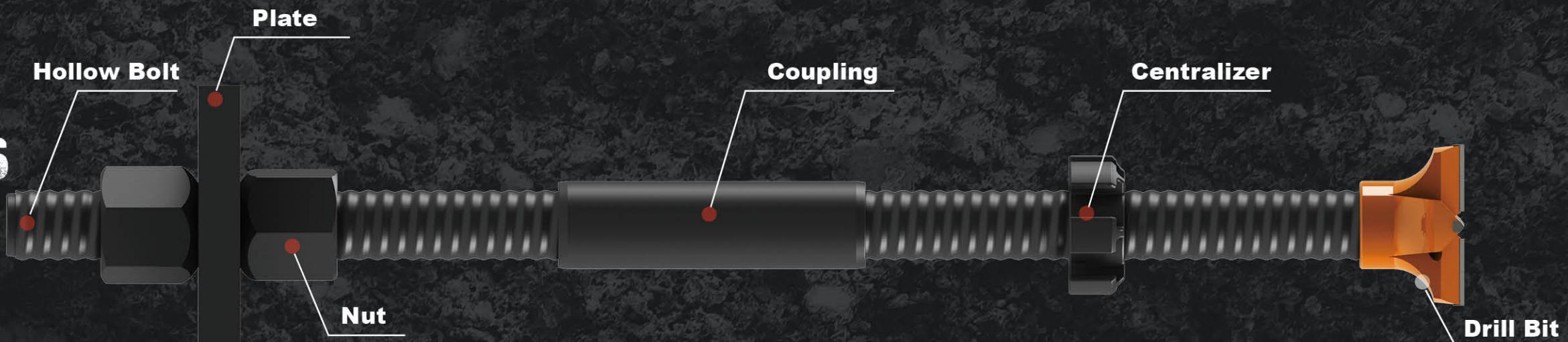
Our surface treatment processes include plastic spraying, electroplating, hot galvanizing, blackening, chrome plating, electrophoresis, oxidation and epoxy to meet the requirements of rust prevention and corrosion protection in various geological conditions. We can also customize the standard colors according to the requirements of customers.



HABER-TECH GMBH

UMC®
Ground Support System

MAIN PRODUCTS



www.haber-tech.de

**BECAUSE OF BEING
PROFESSIONAL, WE ARE
MORE ASSURED.**



HOLLOW STEEL BAR

Description	Unit	R25	R32N	R32S	R32SS	R38N	R51N	T30N	T40N	T52	T76N
Outer Diameter	mm	25	32	32	32	38	51	30	40	52	76
Inner Diameter	mm	16	21.5	20	18.5	24.5	35	15	21	26	52
Area	mm²	229	331	369	408	510	892	331	803	1274	1911
Ultimate Tensile Load	KN	200	280	360	400	500	800	260	660	929	1600
Yield Load	KN	150	230	280	330	400	630	220	525	730	1200
Ultimate Tensile Strength	Mpa	873	846	976	980	980	897	785	822	729	837
Yield Strength	Mpa	655	695	759	809	784	706	665	654	573	628
Nominal Weight	kg/m	1.8	2.6	2.9	3.2	4	7	2.6	6.3	10	15

STEEL DRILL BIT - ESE



Button | Hardened

Articel Number	Spec	Thread	Diameter (mm)	Geological Properties				
				Alluvium	Sands	Cohesive Soils	Gravel	Soft Rock
10-1002504210	R2542ESE	R25	42					x (x)
10-1003205110	R3251ESE	R32	51					x (x)
10-1003207610	R3276ESE	R32	76					x (x)
10-1003209010	R3290ESE	R32	90					x (x)
10-1003807610	R3876ESE	R38	76					x (x)
10-1003809010	R3890ESE	R38	90					x (x)
10-1003811510	R38115ESE	R38	115					x (x)
10-1005109010	R5190ESE	R51	90					x (x)
10-1005110010	R51100ESE	R51	100					x (x)
10-1005111510	R51115ESE	R51	115					x (x)
10-1005113010	R51130ESE	R51	130					x (x)
10-2003005110	T3051ESE	T30	51					x (x)
10-2003007610	T3076ESE	T30	76					x (x)
10-2004007610	T4076ESE	T40	76					x (x)
10-2004009010	T4090ESE	T40	90					x (x)
10-2005211510	T52115ESE	T52	115					x (x)
10-2005213010	T52130ESE	T52	130					x (x)
10-2007613010	T76130ESE	T76	130					x (x)
10-2007615010	T76150ESE	T76	150					x (x)
10-2007617510	T76175ESE	T76	175					x (x)
10-3006411510	RR64115ESE	RR64	115					x (x)
10-3006413010	RR64130ESE	RR64	130					x (x)
10-3007613010	RR76130ESE	RR76	130					x (x)
10-3007615010	RR76150ESE	RR76	150					x (x)
10-3007617510	RR76175ESE	RR76	175					x (x)

REMARK:

- Indications are only guidelines and depends on on-site ground conditions.
- "x" marking show standard applications and "(x)" markings possible combinations
- Only showed general specifications and irregular design is available
- Customized for individual customers



STEEL DRILL BIT - EXE

Cross | Hardened

Articel Number	Spec	Thread	Diameter (mm)	Geological Properties					
				Alluvium	Sands	Cohesive Soils	Gravel	Soft Rock	Hard Rock
10-1002504220	R2542EXE	R25	42	x	x	(x)	(x)		
10-1003205120	R3251EXE	R32	51	x	x	(x)	(x)		
10-1003207620	R3276EXE	R32	76	x	x	(x)	(x)		
10-1003209020	R3290EXE	R32	90	x	x	(x)	(x)		
10-1003807620	R3876EXE	R38	76	x	x	(x)	(x)		
10-1003809020	R3890EXE	R38	90	x	x	(x)	(x)		
10-1003811520	R38115EXE	R38	115	x	x	(x)	(x)		
10-1005109020	R5190EXE	R51	90	x	x	x	(x)		
10-1005110020	R51100EXE	R51	100	x	x	x	(x)		
10-1005111520	R51115EXE	R51	115	x	x	x	(x)		
10-1005113020	R51130EXE	R51	130	x	x	x	(x)		
10-2003005120	T3051EXE	T30	51	x	x	(x)	(x)		
10-2003007620	T3076EXE	T30	76	x	x	(x)	(x)		
10-2004007620	T4076EXE	T40	76	x	x	(x)	(x)		
10-2004009020	T4090EXE	T40	90	x	x	(x)	(x)		
10-2005211520	T52115EXE	T52	115	x	x	(x)	(x)		
10-2005213020	T52130EXE	T52	130	x	x	(x)	(x)		
10-2005215020	T73150EXE	T73	150	x	x	x	x		
10-2005217520	T73175EXE	T73	175	x	x	x	x		
10-2007613020	T76130EXE	T76	130	x	x	x	x		
10-2007615020	T76150EXE	T76	150	x	x	x	x		
10-2007617520	T76175EXE	T76	175	x	x	x	x		
10-2007620020	T76200EXE	T76	200	x	x	x	x		
10-3006411520	RR64115EXE	RR64	115	x	x	x	x		
10-3006413020	RR64130EXE	RR64	130	x	x	x	x		
10-3007613020	RR76130EXE	RR76	130	x	x	x	x		
10-3007615020	RR76150EXE	RR76	150	x	x	x	x		
10-3007617520	RR76175EXE	RR76	175	x	x	x	x		
10-3007620020	RR76200EXE	RR76	200	x	x	x	x		
10-3010817520	RR108175EXE	RR108	175	x	x	x	x		
10-3010820020	RR108200EXE	RR108	200	x	x	x	x		

REMARK:

- Indications are only guidelines and depends on on-site ground conditions.
- "x" marking show standard applications and "(x)" markings possible combinations
- Only showed general specifications and irregular design is available
- Customized for individual customers



STEEL DRILL BIT - EWE

Clay | Hardened

Articel Number	Spec	Thread	Diameter (mm)	Geological Properties					
				Alluvium	Sands	Cohesive Soils	Gravel	Soft Rock	Hard Rock
10-1003207630	R3276EWE	R32	76		x	x			
10-1003209030	R3290EWE	R32	90		x	x			
10-1003807630	R3876EWE	R38	76		x	x			
10-1003809030	R3890EWE	R38	90		x	x			
10-1003810030	R38100EWE	R38	100		x	x			
10-1003811030	R38110EWE	R38	110		x	x			
10-1003811530	R38115EWE	R38	115		x	x			
10-1005113030	R5130EWE	R51	90		x	x			
10-1005115030	R51150EWE	R51	100		x	x			
10-1005117530	R51175EWE	R51	115		x	x			
10-1005120030	R51200EWE	R51	200		x	x			
10-1005122530	R51225EWE	T30	225		x	x			
10-2003007630	T3076EWE	T30	76		x	x			
10-2003009030	T3090EWE	T30	90		x	x			
10-2004007630	T4076EWE	T40	76		x	x			
10-2004009030	T4090EWE	T40	90		x	x			
10-2004011530	T40115EWE	T40	115		x	x			
10-2005213030	T52130EWE	T52	130		x	x			
10-2005215030	T52150EWE	T52	150		x	x			
10-2005217530	T52175EWE	T52	175		x	x			
10-2007313030	T73130EWE	T73	130		x	x			
10-2007315030	T73150EWE	T73	150		x	x			
10-2007317530	T73175EWE	T73	175		x	x			
10-2007615030	T76150EWE	T76	150		x	x			
10-2007617530	T76175EWE	T76	175		x	x			
10-2007620030	T76200EWE	T76	200		x	x			
10-2007622530	T76225EWE	T76	225		x	x			
10-2007625030	T76250EWE	T76	250		x	x			

REMARK:

- Indications are only guidelines and depends on on-site ground conditions.
- "x" marking show standard applications and "(x)" markings possible combinations
- Only showed general specifications and irregular design is available
- Customized for individual customers

TC DRILL BIT - ESSU

Button | Carbide Inserts

Articel Number	Spec	Thread	Diameter (mm)	Geological Properties				
				Alluvium	Sands	Cohesive Soils	Gravel	Soft Rock
11-1002504281	R2542ESSU	R25	42				x	x
11-1003205181	R3251ESSU	R32	51				x	x
11-1003207681	R3276ESSU	R32	76				x	x
11-1003807681	R3876ESSU	R38	76				x	x
11-1003809081	R3890ESSU	R38	90				x	x
11-1003811581	R38115ESSU	R38	115				x	x
11-1005109081	R5190ESSU	R51	90				x	x
11-1005110081	R51100ESSU	R51	100				x	x
11-1005111581	R51115ESSU	R51	115				x	x
11-1005113081	R51130ESSU	R51	130				x	x
11-2003005181	T3051ESSU	T30	51				x	x
11-2003007681	T3076ESSU	T30	76				x	x
11-2004007681	T4076ESSU	T40	76				x	x
11-2004009081	T4090ESSU	T40	90				x	x
11-3006411581	RR64115ESSU	RR64	115				x	x
11-3006413081	RR64130ESSU	RR64	130				x	x
11-3007613081	RR76130ESSU	RR76	130				x	x
11-3007615081	RR76150ESSU	RR76	150				x	x
11-3007617581	RR76175ESSU	RR76	175				x	x

TC DRILL BIT - EXXU

Cross | Carbide Inserts

Articel Number	Spec	Thread	Diameter (mm)	Geological Properties				
				Alluvium	Sands	Cohesive Soils	Gravel	Soft Rock
11-1002504290	R2542EXXU	R25	42				x	(x)
11-1003205190	R3251EXXU	R32	51				x	(x)
11-1003207690	R3276EXXU	R32	76				x	(x)
11-1003807690	R3876EXXU	R38	76				x	(x)
11-1003809090	R3890EXXU	R38	90				x	(x)
11-1005109090	R5190EXXU	R51	90				x	(x)
11-1005110090	R51100EXXU	R51	100				x	(x)
11-1005111590	R51115EXXU	R51	115				x	(x)
11-1005113090	R51130EXXU	R51	130				x	(x)
11-2003005190	T3051EXXU	T30	51				x	(x)
11-2003007690	T3076EXXU	T30	76				x	(x)
11-2004007690	T4076EXXU	T40	76				x	(x)
11-2004009090	T4090EXXU	T40	90				x	(x)
11-2007613090	T76130EXXU	T76	130				x	(x)
11-2007615090	T76150EXXU	T76	150				x	(x)
11-2007617590	T76175EXXU	T76	175				x	(x)
11-2007620090	T76200EXXU	T76	200				x	(x)



REMARK:

- Indications are only guidelines and depends on on-site ground conditions.
- "x" marking show standard applications and "(x)" markings possible combinations
- Only showed general specifications and irregular design is available
- Customized for individual customers

STEEL DRILL BIT - EY



Y-Shaped Button | Hardened

Articel Number	Spec	Thread	Diameter (mm)	Geological Properties				
				Alluvium	Sands	Cohesive Soils	Gravel	Soft Rock
10-1003207640	R3276EY	R32	76	(x)	(x)	x	(x)	(x)
10-1003209040	R3290EY	R32	90	(x)	(x)	x	(x)	(x)
10-1003807640	R3876EY	R38	76	(x)	(x)	x	(x)	(x)
10-1003809040	R3890EY	R38	90	(x)	(x)	x	(x)	(x)
10-1005109040	R5190EY	R51	90	(x)	(x)	x	(x)	(x)
10-1005111540	R51115EY	R51	115	(x)	(x)	x	(x)	(x)
10-1005113040	R51130EY	R51	130	(x)	(x)	x	(x)	(x)



STEEL DRILL BIT - EXT

Mutiple Step-Cross | Hardened

Articel Number	Spec	Thread	Diameter (mm)	Geological Properties				
				Alluvium	Sands	Cohesive Soils	Gravel	Soft Rock
10-2007613021	T76130EXT	T76	130	x	x	x	x	x
10-2007615021	T76150EXT	T76	150	x	x	x	x	x
10-2007617521	T76175EXT	T76	175	x	x	x	x	x
10-2007620021	T76200EXT	T76	200	x	x	x	x	x
10-3007613021	RR76130EXT	RR76	130	x	x	x	x	x
10-3007615021	RR76150EXT	RR76	150	x	x	x	x	x
10-3007617521	RR76175EXT	RR76	175	x	x	x	x	x
10-3007620021	RR76200EXT	RR76	200	x	x	x	x	x



STEEL DRILL BIT - EC

Arc-Shaped | Hardened

Articel Number	Spec	Thread	Diameter (mm)	Geological Properties				
				Alluvium	Sands	Cohesive Soils	Gravel	Soft Rock
10-1003207650	R3276EC	R32	76	x	x	(x)	(x)	(x)
10-1003209050	R3290EC	R32	90	x	x	(x)	(x)	(x)
10-1003807650	R3876EC	R38	76	x	x	(x)	(x)	(x)
10-1003809050	R3890EC	R38	90	x	x	(x)	(x)	(x)
10-1005109050	R5190EC	R51	90	x	x	(x)	(x)	(x)
10-1005111550	R51115EC	R51	115	x	x	(x)	(x)	(x)



STEEL DRILL BIT - EYT

Y-Shaped | Hardened

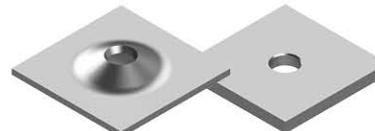
COUPLING- ACC

Multiple Thread | Multiple Length

Articel Number	Spec	Thread	Dimension(mm)		Model
			D	L	
20-1002515000	ACR25-150	R25	35	150	
20-1003212000	ACR32-120	R32	42	120	
20-1003214500	ACR32-145	R32	42	145	
20-1003216000	ACR32-160	R32	42	160	
20-1003219000	ACR32-190	R32	42	190	
20-1003818000	ACR38-180	R38	42	180	
20-1003820000	ACR38-200	R38	50	200	
20-1003822000	ACR38-220	R38	50	220	
20-1005118500	ACR51-185	R51	63	185	
20-1005120000	ACR51-200	R51	63	200	
20-1005122000	ACR51-220	R51	63	220	
20-2003010500	ACT30-105	T30	38	105	
20-2003012000	ACT30-120	T30	38	120	
20-2004014000	ACT40-140	T40	57	140	
20-2004016000	ACT40-160	T40	57	160	
20-2005216000	ACT52-160	T52	65	160	
20-2007323500	ACT73-235	T73	89	235	
20-2007620000	ACT73-200	T76	89	200	
20-2010325500	ACT103-255	T103	118	255	
30-3006416000	ACRR64-160	RR64	75	160	
30-3007620000	ACR76-200	RR76	89	200	

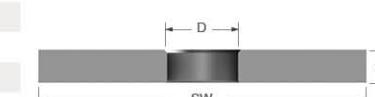
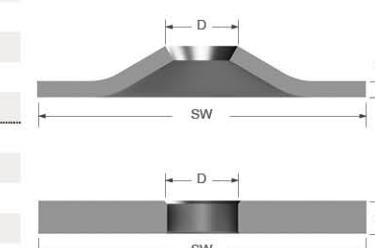


ANCHOR PLATE- APL



Hemispherical | Square

Articel Number	Spec	Fit	Dimension(mm)			Model
			SW	H	D	
50-1002500800	PLR25/8	R25	150*150	8	27	
50-1003200800	PLR32/8	R32	200*200	8	34	
50-1003201000	PLR32/10	R32	200*200	10	34	
50-1003201200	PLR32/12	R32	200*200	12	34	
50-1003801000	PLR38/10	R38	200*200	10	40	
50-1003801200	PLR38/12	R38	200*200	12	40	
50-1005102500	PLR51/25	R51	200*200	25	55	
50-1005104000	PLR51/50	R51	250*250	50	55	
50-2003000800	PLT30/8	T30	200*200	8	32	
50-2004001200	PLT40/12	T40	200*200	12	43	
50-2005203500	PLT52/35	T52	220*220	35	55	
50-2007604000	PLT76/40	T76	250*250	40	80	



Remark:

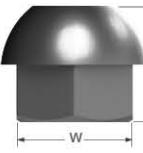
- Indications are only guidelines and depends on on-site ground conditions.
- Only showed general specifications and irregular design is available
- Customized for individual customers

DOMED NUT- ADN



Spherical Head | Hexagon Body

Articel Number	Spec	Thread	Dimension(mm)		Model
			W	H	
30-1002503508	DNR25/35	R25	41	35	
30-1003204508	DNR32/45	R32	46	45	
30-1003805508	DNR38/55	R38	55	55	
30-1005107008	DNR51/70	R51	75	70	
30-2003003508	DNRT30/35	T30	46	35	
30-2004005008	DNRT40/50	T40	65	50	
30-2005207008	DNRT52/70	T52	80	70	
30-2007308008	DNRT73/80	T73	100	80	
30-2007608008	DNRT76/81	T76	100	80	



HEX NUT- AHN



Hexagon Body

Articel Number	Spec	Thread	Dimension(mm)		Model
			W	H	
31-1002503509	HNR25/39	R25	41	39	
31-1003204509	HNR32/45	R32	46	45	
31-1003206509	HNR32/65	R32	46	65	
31-1003806009	HNR38/60	R38	50	60	
31-1005103509	HNR51/35	R51	75	35	
31-1005107009	HNR51/70	R51	75	70	
31-2003003509	HNRT30/35	T30	46	35	
31-2004005009	HNRT40/50	T40	65	50	
31-2005207009	HNRT52/70	T52	80	70	
31-2007308009	HNRT73/80	T73	100	80	
31-2007608009	HNRT76/80	T76	100	80	
31-3006403509	HNRR64/35	RR64	85	35	
31-3006407009	HNRR64/70	RR64	85	70	
31-3007608009	HNRR76/40	RR76	100	40	
31-3007608009	HNRR76/80	RR76	100	80	



GIWI NUT- AGN



Spherical Head | Hexagon Body | Giwi

Articel Number	Spec	Thread	Dimension(mm)		Model
			W	H	
34-2502504508	GNT25/45	T25	41	45	
34-2502805408	GNT25/54	T28	41	54	
34-2503204508	GNT32/57	T32	46	57	
34-2504007008	GNT40/70	T40	65	70	



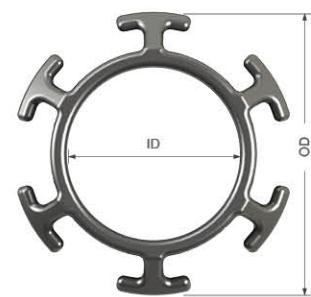
Remark:

- Indications are only guidelines and depends on on-site ground conditions.
- Only showed general specifications and irregular design is available
- Customized for individual customers



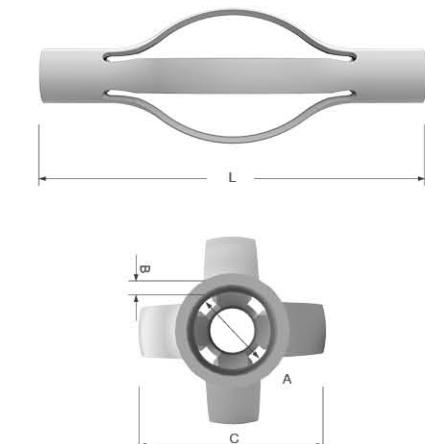
STEEL CENTRALIZER- ASC

Spacer Hardened Six Feet					
Articel Number	Spec	Fit	Dimension(mm)		Model
			ID	OD	
40-1002504500	SCR25/60	R25	27	45	
40-1003207000	SCR32/70	R32	34	70	
40-1003207500	SCR32/90	R32	34	90	
40-1003807000	SCR38/70	R38	40	70	
40-1003809000	SCR38/90	R38	40	90	
40-1005108500	SCR51/85	R38	52	85	
40-1005108500	SCR51/100	R38	52	100	
40-2003007000	SCT30/70	T30	32	70	
40-2004007500	SCT40/75	T40	42	75	
40-2004008800	SCT40/88	T40	42	88	
40-2004009000	SCT40/90	T40	42	90	
40-2005211200	SCT52/112	T52	54	112	
40-2007313000	SCT73/130	T73	75	130	
40-2007313500	SCT73/135	T73	75	135	
40-2007314000	SCT73/140	T73	75	140	
40-2007613000	SCT76/130	T76	78	130	
40-2007614000	SCT76/140	T76	78	140	
40-2010314000	SCT103/140	T103	105	140	
40-2010316500	SCT103/165	T103	105	165	
40-3006413000	SCRR76/130	RR64	78	130	
40-3006414000	SCRR76/140	RR64	78	140	
40-3006409500	SCRR76/130	RR76	78	130	
40-3007614000	SCRR76/140	RR76	78	140	
20-2007323500	ACT73-235	T73	89	235	
20-2007620000	ACT73-200	T76	89	200	
20-2010325500	ACT103-255	T103	118	255	
30-3006416000	ACRR64-160	RR64	75	160	
30-3007620000	ACR76-200	RR76	89	200	



PVC CENTRALIZER- PSC

Spacer PVC Bulging Center						
Articel Number	Spec	Dimension(mm)				Model
		A	B	C	L	
41-0201050700	PSC20/1.5/70	20	1.5	70	165	
41-0251090600	PSC25/1.9/60	25	1.9	60	160	
41-0251090800	PSC25/1.9/80	25	1.9	80	160	
41-0251091550	PSC25/1.9/155	25	1.9	155	280	
41-0321090850	PSC32/1.9/85	32	1.9	85	160	
41-0321091250	PSC32/1.9/125	32	1.9	125	115	
41-0403001000	PSC40/3.0/85	40	3	85	275	
41-0453001000	PSC45/3.0/100	45	3	100	285	
41-0503001000	PSC50/3.0/100	50	3	100	280	
41-0553001200	PSC55/3.0/125	55	3	125	275	
41-0633001250	PSC63/3.0/120	63	3	120	290	
41-0750361250	PSC75/3.6/125	75	3.6	125	280	
41-090271300	PSC90/2.7/130	90	2.7	130	285	
41-090271700	PSC90/2.7/170	90	2.7	170	275	
41-090302150	PSC110/3.2/150	110	3.2	150	285	
40-135305190	PSC135/3.5/190	135	3.5	190	290	
40-140401190	PSC140/4.1/190	140	4.1	190	280	
40-153401270	PSC153/4.1/270	153	4.1	270	290	
40-160302190	PSC160/3.2/190	160	3.2	190	290	



THREAD ADAPTER- ADT

Inner Thread Out Thread				
Articel Number	Spec	Inner Thread	Out Thread	Height(mm)
55-1003203800	ADT-R32/R38	R32	R38	50
55-1003205100	ADT-R32/R51	R32	R51	70
55-1003805100	ADT-R38/R51	R38	R51	70

