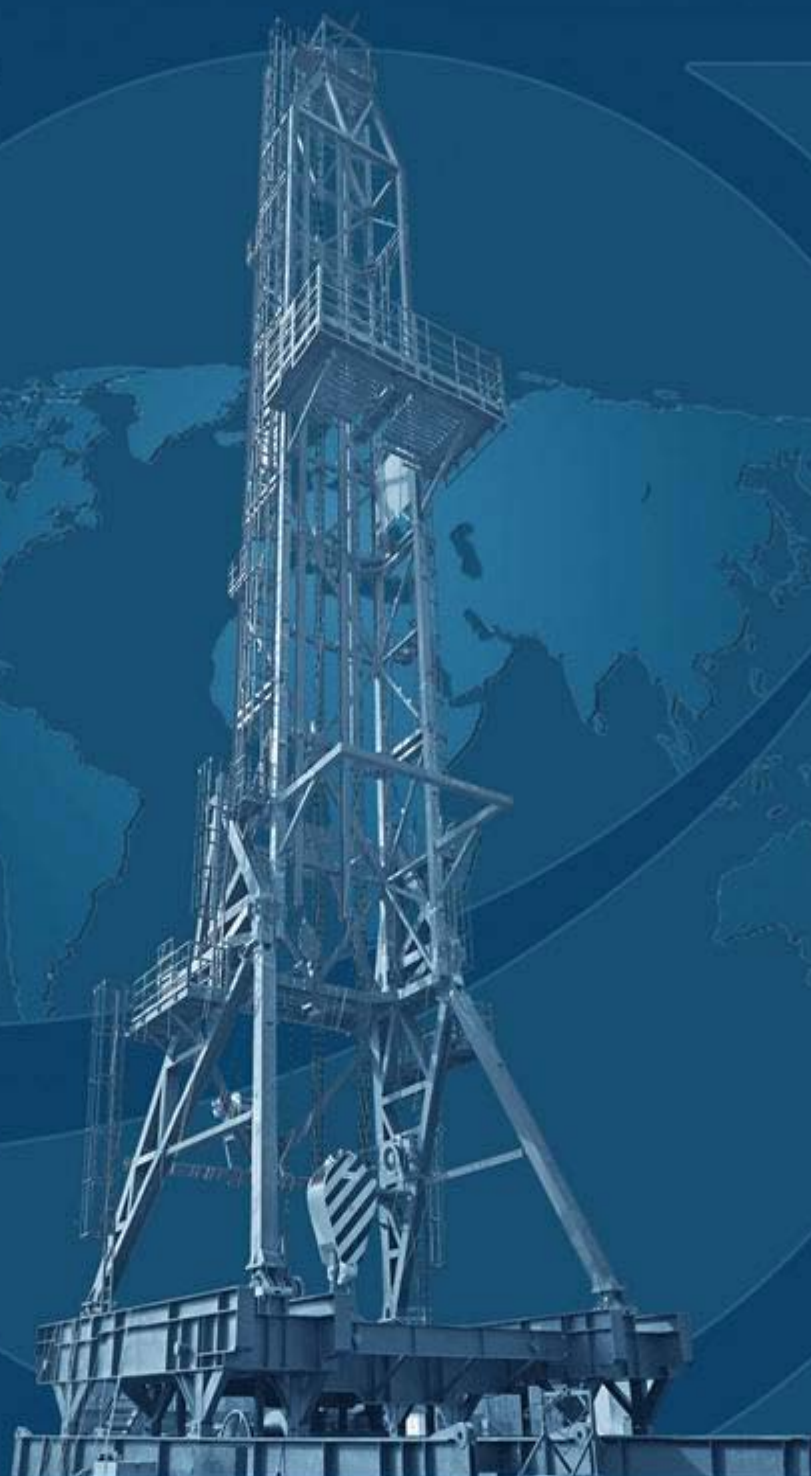


2013年 产品目录

2013 YAOU-NOW PRODUCTS



如皋市雅鸥进出口贸易有限公司

RUGAO YAOU IMPORT AND EXPORT TRADE CO., LTD

[Http://www.yaoutrade.com](http://www.yaoutrade.com)

Email: yaouteam@gmail.com

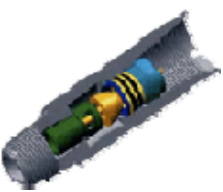
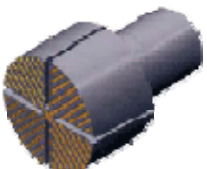
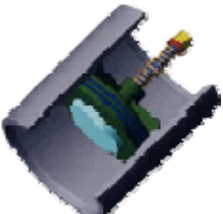
2013 PRODUCT CATALOG



RUGAO YAOU IMPORT EXPORT CO.,LTD
如皋市雅鸥进出口贸易有限公司

[Http://www.yaoutrade.com](http://www.yaoutrade.com) Email:sales@yaoutrade.com



		
Short Drill Pipe	drill pipe valve	arrow check valve
		
bypass valve	drill tool float valve	kelly cock valve
		
stabilizer	male coupling tap	flat bottom grinding shoe
		
magnetic fisher	female coupling tap	casing check valve
		
hydraulic anchor	packer	



一、Drill stem tools （钻井工具）★

1、Integral Spiral Blade Stabilizer (整体螺旋稳定器)



We manufacture integral spiral blade stabilizer, integral straight-rib stabilizer, sleeve replaceable type stabilizer, float valve stabilizer, drilling reamer, unbalanced spiral blade stabilizer and variable-diameter stabilizer, all above products comply with API Spec.7.

Integral 3-Spiral Blade Stabilizer, Integral 4-Spiral Blade Stabilizer (string type ,near bit type). The working hardfacing surface (also called as wall contact)materials available separately are (1) carbide insert,(2) Inserted diamond compound, (3) Low temperature brazing tungsten carbide slug,(4) Surface bead welding abrasive welding rod, etc.

Technical specifications and parameters

Bit size(in)	Working OD	End OD of body	ID	Length	Thread code on both ends			
					String type		Near bit type	
					Top	Down	Top	Down
6	152.2	121	51	1200	NC38			3 1/2"REG
6 1/4	158.7							
6 1/2	165.1							
7 1/2	190.5	159	57	1600	NC46			4 1/2"REG
7 7/8	200							
8 3/8	212.7	159 65	71	1600 1800	NC46 NC50			
8 1/2	215.2	159						



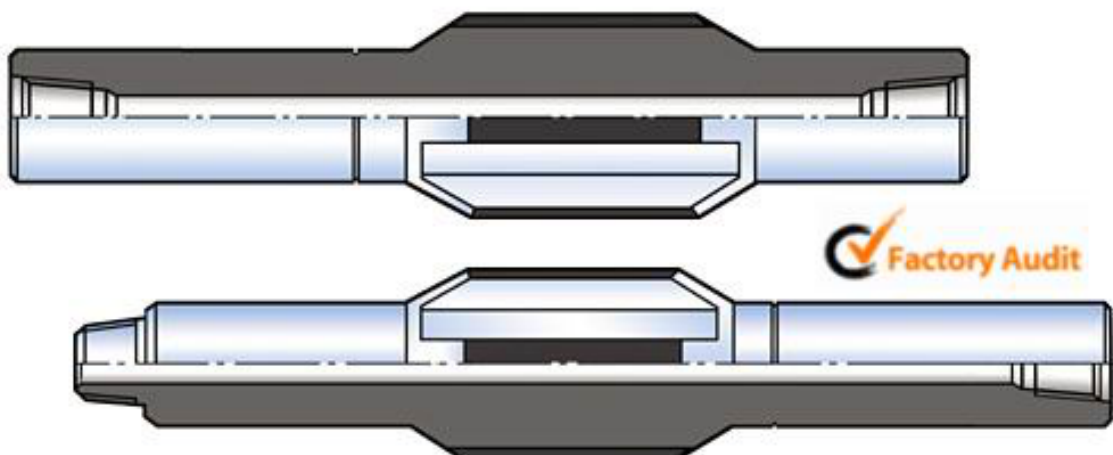
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8 3/4	222.2	165 178						
9 1/2	241.3	178 197		1600	NC50	NC50	NC50	6 5/8"REG
9 5/8	244.5			1800				
9 7/8	250.8							
12 1/4	311.2	203 229	76	1800	NC563 1/2" REG	NC566 1/2" REG	NC56 6 5/8"REG	6 5/8"REG
17 1/2	444.5	229 241.3		2000 2200	NC61 7 5/8" REG	NC617 5/8" REG	NC61 7 5/8"REG	NC61 7 5/8" REG
24	609.6							
26	660.4							
28	711.2							





2、WZ Type Integral Blade Stabilizer (整体直棱稳定器)



Integral 3-Straight rib stabilizer, Integral 4- Straight rib stabilizer, working surface are provided with carbide insert compound or overlay welding, etc. The body is made from high strength and heat treated , the centralizing blades are designed at customer's request.

Technical specifications and parameters

Bit O.D (in)	Working O.D.	D ₂	d	L ₂	Length(mm)				Thread code on two ends			
					Short Type		Long Type		Drill string type		Near bit type (in)	
					Near bit type	Drill string type	Near bit type	Drill string type	end	Down	Top	Down
6	152.4	121	51	400~500	800~900	1000~1100	1200~1400	1400~1600	NC38	NC38	NC38	3 1/2REG
6 1/4	158.7											
6 1/2	165.1											
7 1/2	190.5	159	57	400	800~900	1000	1600	1800	NC46	NC46	NC46	4 1/2REG
7 7/8	200.0											
8 3/8	12.7											
8 1/2	15.9	178	57	500	800~900	1000~1200	1600~1800	1800~2000	NC46	NC50	4 1/2REG	
8 3/4	22.2											
9 1/2	241.3			400~600	800~1000	1000~1200	1600~1800					



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9 5/8	244.5	178	71						NC50	NC50	NC50	6
9 7/8	250.8	197										5/8REG
12 1/4	311.2	203	76	500~600	1000 1200	1200 1500	1800 2000		NC56 6 5/8REG			6 5/8 REG
17 1/2	444.5	229		500~600	1200~1300	1200~1300	2000~2200	2000~2200	NC61 7 5/8REG			





3、Replaceable Sleeve Stabilizer (可换套稳定器)



The replaceable sleeve stabilizer are available with two-piece and three-piece construction. The three-piece construction stabilizer is made of a body and a centralizing body(refer to sleeve replaceable). The advantage is that the sleeve can be changed quickly and easily after sleeve hardfacing is worn-out. This kind of stabilizer is especially suitable for working in directional well .

Technical parameters for 2-piece replaceable sleeve stabilizer

Bit Dia. (in)	Drill collar dia.	Stabilize sleeve		The body							Threads code for two ends (in)			
		Length	Work O.D.	Upset end Dia.	upset end length	Fishing neck length	ID	Make-up Torque (KN.m)	Overall length L		Drill string type		Near bit type	
									Near bit Type	Drill String Type	Top	Down	Top	Down
8 1/2	6 1/2	480	214	190	200	600	71	6.95--7.25	1900	1900	4 1/2IF	4 1/2IF	4 1/2IF	4 1/2IF
8 1/4		470	210											
8		472	203											
7 3/4		455	197											
12 1/4	8	555	310	238	200	600	76	19.7--11	2000	2000	6	6	6	6
12		550	305											
11 1/2		540	292											



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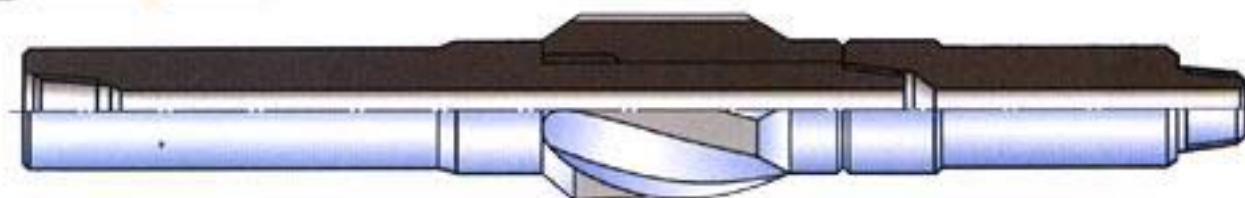
11		530	279											
17 1/2	9	682	444	279										
17		676	432								7	7	7	7
16 1/2		670	420								5/8REG	5/8REG	5/8REG	5/8REG
16		664	407											





4、3-Piece Sleeve Replaceable Stabilizer

(三体式可换套稳定器)



The 3-piece sleeve replaceable stabilizer is made of central pipe, sleeve replaceable and bottom sub which are thread connection. The three-piece construction can bear strong bending strength and the sleeve can be easily and quickly replaced on drill floor.

Technical specifications and parameters for 3-piece replaceable sleeve stabilizer.

Working OD	L ₂	D ₂	d	L ₁	L	Bit Dia.
mm						mm(in)
190.5 (190.0,189.0)	400	159	57	850	1800	190.5 (7 1/2)
200.0 (199.0,198.0)	500					200.0 (7 7/8)
212.7 (212.0,211.0)	400	159 178	57 71		1800	212.7 (8 3/8)
215.9 (215.0,220.0)	500					215.9 (8 1/2)
222.2 (22.0,220.0)	600					222.2 (8 3/4)
241.3 (240.0,239.0)	400	178	71		1800 2000 2100	241.3 (9 1/2)
244.5 (244.0,243.0)	500					244.5 (9 5/8)
250.8 (250.0,249.0)	600					250.8 (9 7/8)
311.2 (310.0,309.0)	500 600	203 228	76		1800 2000 2200	311.2 (12 1/4)
444.5 (443.0,442.0)	500 600					444.5 (17 1/2)



5、Non-rotating Stabilizer (非旋转稳定器)



The FXF type non-rotating stabilizer (rubber sleeve stabilizer) is a special tool in drilling to avoid blade wear and wall damage. During drilling, stabilizer transfer torque by depending on mandrel body, but rubber sleeve is sliding coordination which can be moved relatively, as a result, the sleeve plays a role of supporting of holewall. The sleeve is made of special elastic material and fixed by a latch clutch to prevent from rotating.

Technical specifications and parameters.

Hole size (in)	Sleeve			Body			Overall Length(mm)
	Length(mm)	OD	Blade Qty.	ID(mm)	Fishing OD	Thread type	
13 3/8 Casing	500	313	4	71	165	4 1/2"IF	2000
10 3/4 Casing	500	255		71	165	4 1/2"IF	2000
9 5/8 Casing	500	220		71	165	4 1/2"IF	2000
7Casing	380	157		44	127	4 1/2"IF	1600
12 1/4	523	310		76	215	6 1/8"REG	2010
16	543	405		76	241	7 5/8"REG	2210
17	543	430		76	241	7 5/8"REG	2210
22	635	558		76	241	7 5/8"REG	2210
28	715	711	5	76	241	7 5/8"REG	2210



6、Float Valve Stabilizer (浮阀稳定器)



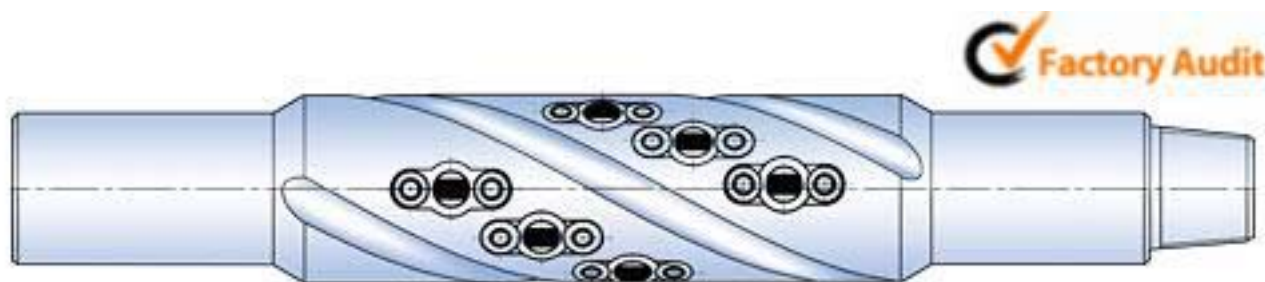
Float valve stabilizer is mainly used in near bit type stabilizer while working for preventing from borehole deflection, when blowout or well kick takes place, the float valve stabilizer will automatically shut off inside bore of tool to avoid the accident. The tool owns features such as high strength, large flowing area, high temperature resistant and high pressure resistant, etc.

Technical parameters (API)

Type of stabilizer	Stabilizer Body O.D. (mm)	Stabilizer thread	Float valve assembly O.D.(mm)	Float valve assembly I.D.(mm)
FFWL711	228	7 5/8"REG	121	76
FFWL558	228	7 5/8"REG	121	76
FFWL444	228	7 5/8"REG	121	76
FFWL311	203	6 5/8"REG	121	76
FFWL241	178	4 1/2"IF	98	71
FFWL214	178	4 1/2"REG	88	71
FFWL152	127	3 1/2"REG	61	51



7、Variable Diameter Stabilizer (可变径稳定器)



Stabilizer is one of main drill tool assembly in hole guiding. During drilling in deviating and horizontal well, in view of workmanship, stabilizer OD is required to be equal or 1~2mm less than drill bit so that too small clearance between borehole wall and stabilizer usually causes stabilizer to be easily stuck during tripping out of hole.

However, variable diameter stabilizer solves the problem which common stabilizer can not solves. During drilling in directional well, by use of differential pressure at nozzle produced by circulation of fluid among inside and outside of drill string, stabilizer stretch out supporting head to reach full hole so that stabilizer equipped with different drill tools to increase or angle drop or stabilize hole inclination. Meanwhile, when stop pump circulation, support head draws back so that stabilizer OD becomes small to improve tripping out smoothly.

Parameters

Type	Body OD (mm)	ID (mm)	Support head assembly OD (mm)	Support head Nos.	Overall Length (mm)	Box thread	Pin thread	OD varied
ZBW8 3/4"	201	55	80	15	1350	NC50	NC50	211~213
ZBW8 1/2"	204	55	80	15	1350	NC50	NC46	214~215

Properties index

Type	Min. pressure when support head stretch out(Mpa)	Radial force of main support heads under 10Mpa differential pressure (KN)	Max. working allowed pressure (Mpa)	Max. differential pressure
ZBW8 3/4"	0.1	513	20	40
ZBW8 1/2"	0.1	513	20	40



8、Unbalanced Single-spiral Blade Stabilizer / Multi

(偏重单头,多头稳定器)



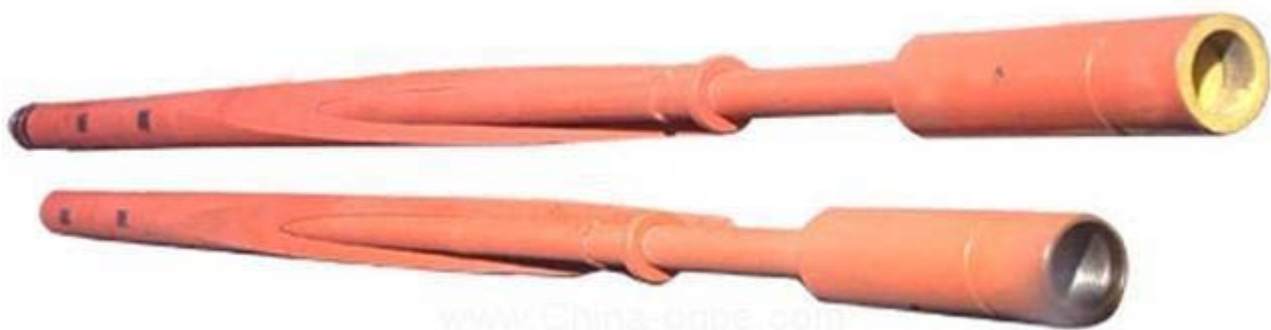
The unbalanced spiral blade stabilizer, relying on its structural unbalanced principle, during rotating of drill string, produces a centrifugal force toward weighted side. One time natural coincidence for restoring force with eccentric force whenever drill tool turns a round. This would produce a large impact restoring force to straighten well-bore gradually. Therefore, both single-spiral blade stabilizer and multi-spiral blades stabilizer are ideal anti-inclination tool

Technical specification and parameters for single-spiral-blade stabilizer.

Type	OD	ID	Thread conn.(in)	Length(mm)
WLD215 - 66	215	71	4 1/2IF	1800
WLD311 - 68	311	76	6 5/8REG	1800
WLD444 - 69	444	76	7 5/8REG	2000

Technical specification and parameters for multi-spiral-blades stabilizer

Type	OD	ID	Thread conn	Length(mm)
WLD215 - 66	215	71	4 1/2IF	4600
WLD311 - 68	311	76	6 5/8REG	4600





9、Spherical Stabilizer (球形稳定器)



The spherical stabilizer is one of new type tools which is used in horizontal and directional well to prevent hole inclination, improve drilling solution, improve drill tools service life and hole condition, cut off /scrape bore wall . Because of small size, simple structure, it is so applicable for horizontal and directional well .The guide inclined plane covered with polycrystalline compact and cutting edges covered with spherical tungsten carbide stud ,during stabilizer contacts with roughed hole wall , can cut or scraped off raised or irregular well wall, therefore, the spherical stabilizers are widely used in various of drilling operation.

Technical specification and parameters

working OD (in)	Body OD on both ends (mm)	ID (mm)	Length (mm)	Thread on both ends(in)			
				String type		Near bit type	
				Top	Down	Top	Down
6 ~6 1/2	121	51	785	3 1/2IF	3 1/2IF	3 1/2IF	3 1/2REG
7~ 7 7/8	159	57	850	4 1/2IF	4 1/2IF	4 1/2IF	4 1/2REG
8 ~8 1/2	165	71	850	4 1/2IF	4 1/2IF	4 1/2IF	4 1/2REG
9 ~9 1/4	197	71	870	4 1/2IF	6 5/8REG	4 1/2IF	4 1/2REG
12~12 1/4	203	76	940	6 5/8REG	6 5/8REG	6 5/8REG	6 5/8REG