



陕西艾潜机械制造有限公司

办公室：西安市国际港务区招商局丝路中心北区2号楼20822室
工 厂：陕西省渭南市富阎产业合作园富辰三路
电 话：029-63611979
邮 箱：Sales@aipugukong.com
网 址：www.aipugukong.com

Shaanxi Aipu Solids Control Co., Ltd

Office: Room 20822 #2 Building Northern block Silk Road Center International Port Area
Factory: 3rd Fuchen Road Fu-Yan cooperation Park, Shaanxi Province
Tel: 0086-29-63611979
Email: Sales@aipusolidcontrol.com
Website: www.aipusolidcontrol.com www.aipushakerscreen.com

AIPU[®] Solids Control

振动筛网

SHAKER SCREENS BROCHURE

产品选型手册



艾谱是一家专业生产筛网及固控设备，生产产品涵盖自有振动筛系列筛网，以及市场上主流和非主流振动筛筛网。艾谱筛网是高品质丝网及其他原材料经过严格先进的组合工艺而成。所有艾谱的筛网均在国内制造，致力于为用户提供精准替换筛网，并能为用户提供各种不同规格的定制化产品。

我们的筛网严格按照API RP13C 检测过的配比制作，并根据其要求提供完善的信息。此外，您还将从艾谱获得张紧装置、修补块、密封条等产品供应。艾谱是追求品质的您解决筛网问题的最后一站。

AIPU is a professional manufacturer of OEM screens, and quality interchangeable replacement screens for all the major shaker manufacturers and third party screen manufacturers

AIPU shaker screens for shale shakers combine high quality mesh screen cloth with a proprietary adhesive compound that results in extended screen life. This translates to savings for our clients. AIPU screens are made in China with high quality raw material and advanced technique. All screens are engineered to meet exact design specifications of the manufacturer shale shaker and are available in a variety of configurations

All screens are made strictly as per API RP13C and mark the panels accordingly. Furthermore, you'll also get tensioning parts, repair plugs, rubber strips, etc. here. AIPU is your final station to seek optimal solutions to high grade screens and relatives.

关于艾谱 About AIPU

发展历程简介/History Summary

1998年起为用户提供小规模定制化生产

Provided high quality OEM screens to users since 1998

2014年成为中国首个进行API RP13C检测的筛网厂家

In 2014, AIPU became to be the 1st manufacturer test screens under API RP13C

2017年，筛网输出量超10000张

In 2017, we delivered over 10000 panels of screen

2020年再次对筛网进行API RP13C检测

To give clients better product and service, we did the test under API RP13C again

AIPU 成立于2012年

AIPU was founded in 2012

2016年取得API 证书

2016, AIPU got API certificate

2019年，筛网输出量近20000张

In 2019, we delivered about 20000panels of screen

截至今天，艾谱筛网已经服务超过20个国家、地区的用户

Till now, AIPU Shaker screens have served clients over 20 countries and regions

关于艾谱 About AIPU

证书资质/Certificates and Quality



筛网及相关产品目录

SCREENS AND RELATED ITEMS

CONTENT »»»

艾谱系列
For AIPU

Derrick系列
For Derrick

Brandt系列
For NOV Brandt

SWACO系列
For M-I SWACO

其他系列
For other brands

张紧装置
For screens clamping

修补块
For screens repair

Derrick 商标为Derrick Corporation 所有
Derick is trade mark of Derrick Corporation

NOV Brandt 商标为National Oil Varco 所有
NOV Brandt is trade mark of National Oil Varco

M-I SWACO 商标为Schlumberger 所有
M-I SWACO is trade mark of Schlumberger

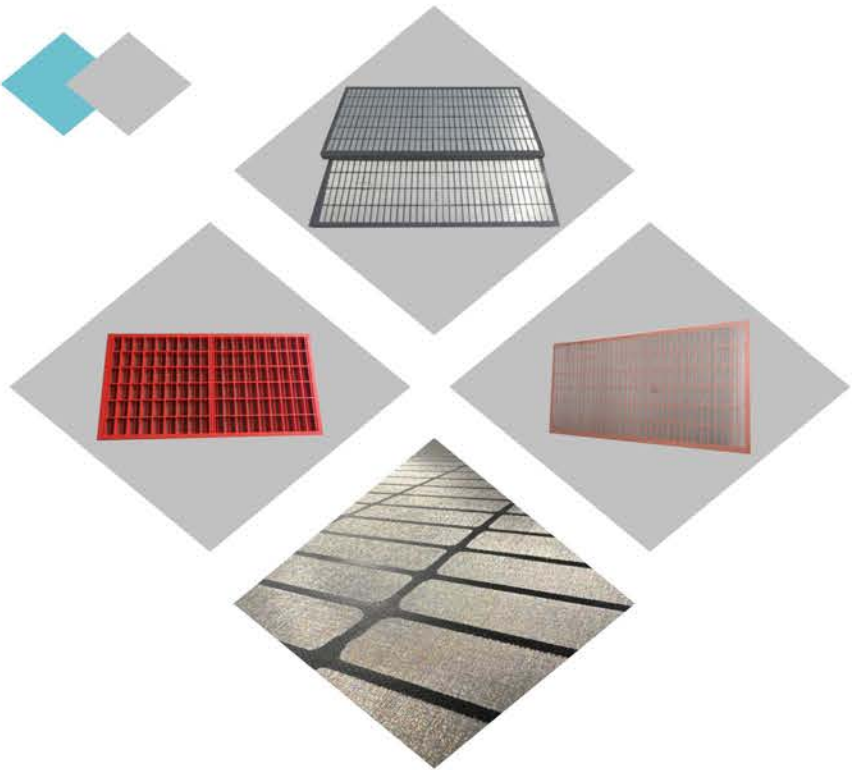
艾谱系列筛网

OEM Shaker Screens for AIPU

APMG
适用于Hunter-MG系列振动筛
For Hunter-MG3 | Hunter-MG4 | Hunter-MG Cleaner I ...

APMN
适用于Hunter-Mini系列振动筛
For Hunter-Mini | Hunter-Mini Cleaner I ...

APHD
适用于Hunter-D系列振动筛
For Hunter-D3 | Hunter-D4 | Hunter-D Cleaner I ...



Model	Specs	API RP13C Designation	API D100 Cut point	Constructure	Surface
APMG		API 40 ~ API325	415.2~48.6	Metal/Composite	Flat/Corrugated
APHD		API 40 ~ API325	415.2~48.6	Metal	Flat
APMN		API 40 ~ API325	415.2~48.6	Metal	Flat

Hyperpool
适用于Hyperpool系列振动筛
For Hyperpool

FLC500
适用于FLC500系列振动筛
For FLC503 | FLC504 | FLC513 | FLC514

Dual Pool 600
适用于DP系列振动筛
For DP 616 | DP 626 | DP 618 | DP 628

Model	Specs	AIPU Model	API RP13C Designation	API D100 Cut point	Constructure	Surface
Hyperpool		APHYP	API 40 ~ API325	415.2~48.6	Metal	Corrugated
FLC500		APD5	API 40 ~ API325	415.2~48.6	Metal	Corrugated
FLC500		APD5P	API 40 ~ API325	415.2~48.6	Metal	Flat
DP600		APD6	API 40 ~ API325	415.2~48.6	Metal	Corrugated
FLC2000		APD48	API 40 ~ API325	415.2~48.6	Metal	Corrugated
FLC2000		APD48P	API 40 ~ API325	415.2~48.6	Metal	Flat
Polyweb		APPU※		75~1000	Polyurethane	Flat

APPU网并未进行API RP13C测试。该网原材料为高纯度聚氨酯，数据供用户对比不同厂家的开孔以选择最优方
*APPU are not measured in accordance with API RP 13C. That practice is to allow users to compare apperature from different manufacturers with each other fairly. These screens are made of high purity Polyurethane with slot opening.

艾谱提供的所有筛网并非原装筛网，而是适配的替代品
Derrick、Hyperpool、FLC500、DP600、FLC2000、Polyweb商标归Derrick公司所有

AIPU provides all right fit replacement screen panels not the OEM ones.
Derrick Hyperpool, FLC500, Dual Pool, FLC2000, FLC Plus, HI-G, Cascade 2000, Polyweb are trademarks and/or registered trademarks of Derrick Corporation.

Derrick系列筛网

Replacement Shaker Screens for Derrick

FLC2000/48x30
适用于FLC2000系列振动筛
For FLC2000-3 | FLC2000-4 | FLC with AWD
FLC Plus | HI-G Dryer | Cascade 2000

Polyweb
适用于叠层筛
For Stack Sizer

M-I SWACO系列筛网

Replacement Shaker Screens for M-I SWACO

Mongoose
适用于Mongoose系列振动筛
For Mongoose PT I Mongoose Pro I Meerkat

MD
适用于MD系列振动筛
For MD-2 I MD-3

BEM 6
适用于BEM系列振动筛
For BEM650

ALS
适用于ALS系列振动筛
For ALS



Model	Specs	AIPU Model	API RP13C Designation	API D100 Cut point	Constructure	Surface
Mongoose		APMNG	API 40 ~ API325	415.2~48.6	Metal/Composite	Flat
Meerkat		APMNG	API 40 ~ API325	415.2~48.6	Metal/Composite	Flat
MD		APMD	API 40 ~ API325	415.2~48.6	Composite	Flat
BEM		APBM6	API 40 ~ API325	415.2~48.6	Metal	Flat
ALS		APAL	API 40 ~ API325	415.2~48.6	Metal/Plastic	Flat

艾谱提供的所有筛网并非原装筛网，而是适配的替代品
M-I SWACO,Mongoose、Meerkat、MD、BEM、ALS 商标为M-I, Schlumberger所有
AIPU provides all right fit replacement screen panels not the OEM ones.
M-I SWACO, Mongoose, MD, Meerkat, BEM, and ALS are trademarks and/or registered trademarks of M-I L.L.C

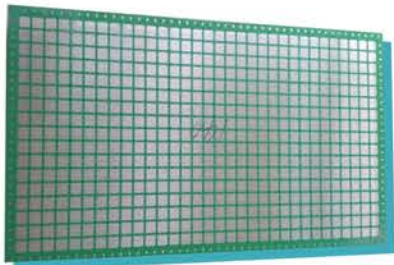
NOV Brandt 系列筛网

Replacement Shaker Screens for NOV Brandt

Cobra
适用于Cobra系列振动筛
For All Cobra Families I LCM I ATL100

VSM300
适用于VSM300系列振动筛
For VSM300

D380
适用于Brandt D235/285/380
For D235 I 285 I 380



Model	Specs	AIPU Model	API RP13C Designation	API D100 Cut point	Constructure	Surface
Cobra		APPMDV	API 40 ~ API325	415.2~48.6	Metal	Corrugated
Cobra		APKC	API 40 ~ API325	415.2~48.6	Metal/Composite	Flat
D380		APDP3	API 40 ~ API325	415.2~48.6	Metal	Flat
VSM300-Scalping		APV3S	10~40 mesh	375~1500	Metal/Composite	Flat
VSM300-Primary		APV3	API 40 ~ API325	415.2~48.6	Metal/Composite	Flat
VSM300-Secondary		APV3D	API 40 ~ API325	415.2~48.6	Metal	Flat

*Cobra series panel here are compatible with VNM

*VSM300 Scalping Screens are not measured in accordance with API RP 13C. That practice is to allow users to compare multilayer configurations from different manufacturers with each other fairly. These screens are made with single or double layer of square mesh Market Grade cloth. It's mostly suggested no finer than 40 mesh

艾谱提供的所有筛网并非原装筛网，而是适配的替代品
NOV、Cobra、D380、VSM300-Scalping、VSM300-Primary、VSM300-Secondary商标为National Oil Varco 所有

AIPU provides all right fit replacement screen panels not the OEM ones.
NOV Brandt, Cobra, LCM, VSM300, VNM, D235, D285, D380 are trademarks and/or registered trademarks of National Oilwell Varco.

更多筛网

More Brands Screen Panels

ELGIN Shaker (Kemtron Shaker)

ESS-48AG
KDDX
KDX
KPT 26
KPT 28

Fluid Systems Shale Shakers

Black Thunder
2L, 20L series
50, 50/500 ...

DFE™ SCR™ Shaker

DFTS™ Shaker

SCOMI™ Prima™ Shaker

Tri-Flo™ Shaker

Triton™ Shaker

Vortex Fluid System™ Shaker

.....

Even more and customization for you

ELGIN, ESS-48AG are trade marks of ELGIN POWER AND SEPARATION SOLUTIONS; KDDX, KDX, KPT are marks of Kemtron Technologies Fluid systems, Black Thunder are trade marks of Fluid systems Inc. DFE, DFE SCR, DFTS are trade marks of DFE Tri-Flo is trade mark of Tri-Flo International, Inc., Triton is trade mark of Triton Vortex Fluid System is tradé mark of Vortex Fluid Systems Inc

Model	Specs	AIPU Model	API RP13C Designation	API D100 Cut point	Constructure	Surface
Elgin Hyper-G		APKT26	API 40 ~ API325	415.2~48.6	Metal	Flat
Elgin Hyper-G Rev.2		APKT28	API 40 ~ API325	415.2~48.6	Metal	Flat
Fluids Systems Black Thunder		APFSBT	API 40 ~ API325	415.2~48.6	Metal	Flat
Fluid		APFS5	API 40 ~ API325	415.2~48.6	Metal	Flat
DFE SCR		APSCR	API 40 ~ API325	415.2~48.6	Metal Back	Flat
DFTS		APDFT	API 40 ~ API325	415.2~48.6	Metal	Flat
SCOMI		APSCM	API 40 ~ API325	415.2~48.6	Metal	Flat
Tri-Flo		APTF	API 40 ~ API325	415.2~48.6	Plastic Back	Flat
Triton		APTRN	API 40 ~ API325	415.2~48.6	Metal Back	Flat
Vortex Fluid System		APVT	API 40 ~ API325	415.2~48.6	Metal	Flat

艾谱筛网团队能为您提供定制筛网服务。让我们为您的钻井工程提供完美筛网。不仅为您节省筛网成本，同时节省整个钻井工程成本
AIPU screen team can custom build screens for your shaker needs. Let us make the perfect screen for your drilling operations. Not to save screen cost, but also the whole drilling cost

艾谱提供的所有筛网并非原装筛网，而是适配的替代品
ELGIN Shaker (Kemtron Shaker)、ESS-48AG、KDDX、KDX、KPT 26、KPT 28 商标为ELGIN所有，Fluid Systems Shale Shakers、Black Thunder、2L, 20L series、50, 50/500 商标为Fluids Systems Inc 所有

AIPU provides all right fit replacement screen panels not the OEM ones.
ELGIN, ESS, KDDX, KDX, KPT are trademarks and/or registered trademarks of ELGIN; Fluid Systems, Black Thunder are trademarks and/or registered trademarks of Fluid Systems Inc;

API Designation Screens Available at AIPU Solids Control

Label of Screen Sample Tested	API Designation	Cut Point (D100)	Conductance(Kd/mm)
50-MESH-APAXC50	API 40	415.2	9.54
80-MESH-APAXC80	API 60	235.3	6.01
EKSFH-A080	API 70	204.5	2.96
100-MESH-APAXC100	API 80	190.4	3.71
EKSFH-A100	API 100	163.2	2.59
120-MESH-APAXC120	API 120	129.2	2.69
EKSFH-A120	API 120	116.6	1.85
EKSFH-A140	API 140	102.2	1.76
EKSFH-A170	API 170	86	1.43
EKSFH-A200	API 200	82	0.94
EKSCP5-A230	API 200	70.5	0.88
EKSFH-A230	API 230	69	0.87
EKSCP5-A270	API 270	55.7	0.77
EKSFH-A325	API 325	47.9	0.6

D100 Separation (API RP13C-ISO 13501)

D100 Cut Point(μm)	API Screen Number	D100 Cut Point (μm)	API Screen Number
> 3 075,0 to 3 675,0	API 6	> 231.0 to 275,0	API 60
> 2 580,0 to 3 075,0	API 7	> 196,0 to 231.0	API 70
> 2 180,0 to 2 580,0	API 8	> 165,0 to 196,0	API 80
> 1 850,0 to 2 180,0	API 10	> 137,5 to 165,0	API 100
> 1 550,0 to 1 850,0	API 12	> 116,5 to 137,5	API 120
> 1 290 to 1 550,0	API 14	> 98,0 to 116,5	API 140
> 1 090 to 1 290,0	API 16	> 82,5 to 98,0	API 170
> 925,0 to 1 090,0	API 18	> 69,0 to 82,5	API 200
> 780,0 to 925,0	API 20	> 58,0 to 69,0	API 230
> 655,0 to 780,0	API 25	> 49,0 to 58,0	API 270
> 550,0 to 655,0	API 30	> 41,5 to 49,0	API 325
> 462,5 to 550,0	API 35	> 35,0 to 41,5	API 400
> 390,0 to 462,5	API 40	> 28,5 to 35,0	API 450
> 327,5 to 390,0	API 45	> 22,5 to 28,5	API 500
> 275,0 to 327,5	API 50	> 18,5 to 22,5	API 635

WHAT IS API RP13C? WHY DO WE TEST SCREENS UNDER IT?

A physical testing and labeling procedure for shaker screens. To be API RP 13C compliant, a screen must be tested and labeled in accordance with this recommended practice. Internationally, API RP 13C is known as ISO 13501.

The new procedure is a revision of the previous API RP 13E, which was based on optical measurements of the screen opening using a microscope and computer analysis. Under API RP 13E, screen designations were based on individual manufacturer test methods which produced inconsistent labeling

All screens supplied by AIPU manufacturing facilities conform to API RP 13C, the internationally standardized and recommended practice for testing and labeling of shale shaker screens. The American Petroleum Institute (API) RP 13C describes and defines, without bias, the maximum screen opening sizes and flow potential in a reproducible, consistent manner.

Our screens undergo the standardized API RP 13C dry aluminum oxide sieve method that correlates particle sizes with ASTM test sieves to define the maximum particle size (d100) cut points. These cut points are denoted with an equivalent API number. The test defines the cut point as the particle size in which 100% of the particles larger than the d100 separation are retained by the test screen. This test is not a performance indicator, but rather is a way to characterize openings of the screen mesh

WHAT IS API RP13C? WHY DO WE TEST SCREENS UNDER IT?

To meet API RP 13C compliance two tests are required: cut point and conductance. API RP 13C allows the end user to compare by cut point, conductance (fluid flow), and non-blanked open area. The cut point test is based on a time-proven testing method used by ASTM to classify particles by size. The shaker screen designation is identified by matching the screen's cut point to the closest ASTM sieve cut point. The D100 separation is used for assigning screen designations (Sheet 1). D100 means that 100 percent of the particles larger than the test screen will be retained, and all finer particles will pass through. The conductance test measures the ability of a fluid to pass through the screen. After identifying the cut point and conductance, API RP 13C requires application of a permanent tag or label to the screen that is visible and legible (Fig. 1). Both cut point, expressed as an API number, and conductance shown in kD/mm are required on the screen label. With all above points, clients can compare and select suppliers easily. AIPU always takes care of users question, so we have done test under API RP13C twice.

筛网张紧

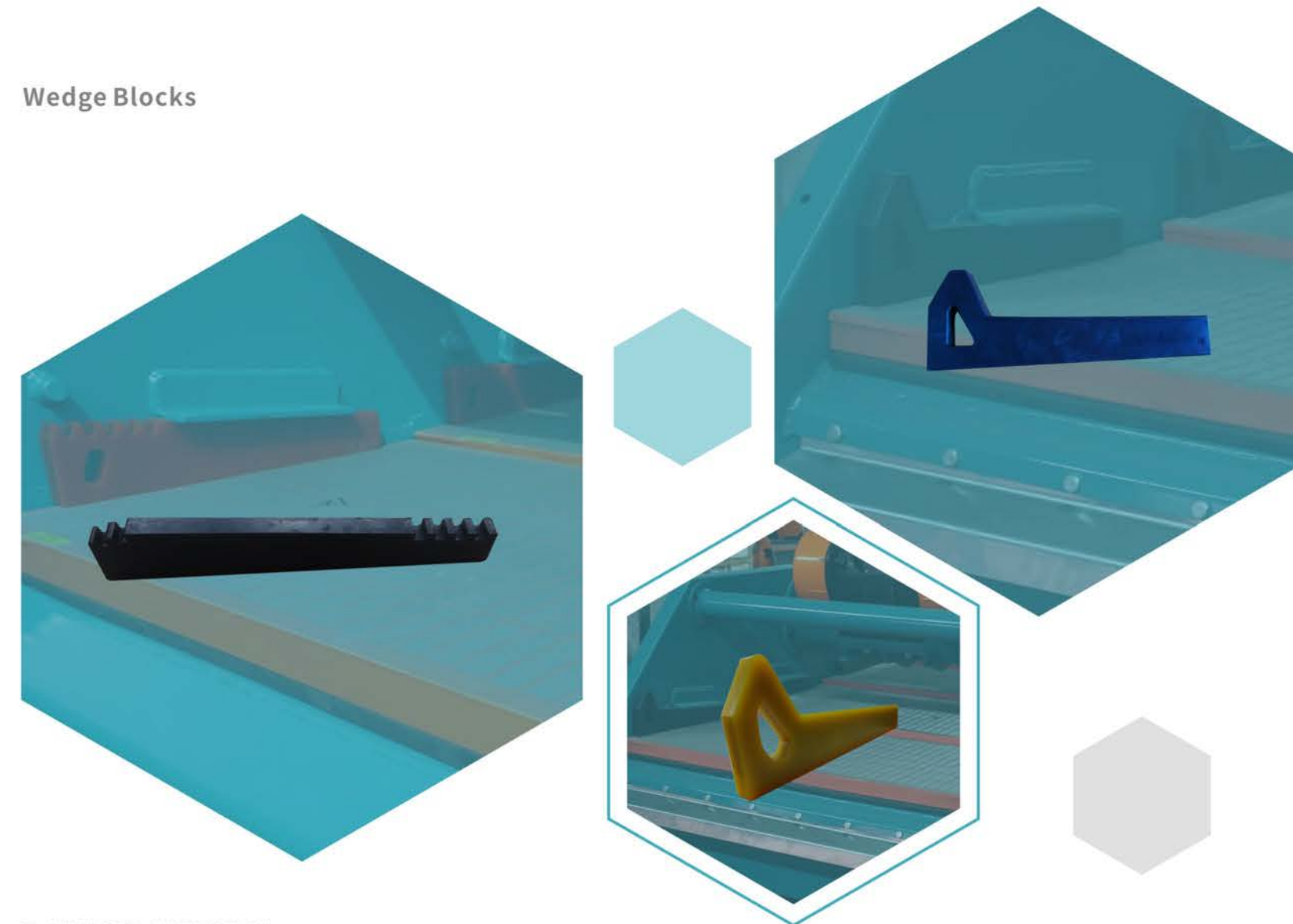
Clamping for Shaker Screen

Draw Bar and Tensioning & Fixing Parts



如需定制特殊筛网固定装置，请告知具体要求及数量
Other customized clamping system are available upon request and quantity

Wedge Blocks

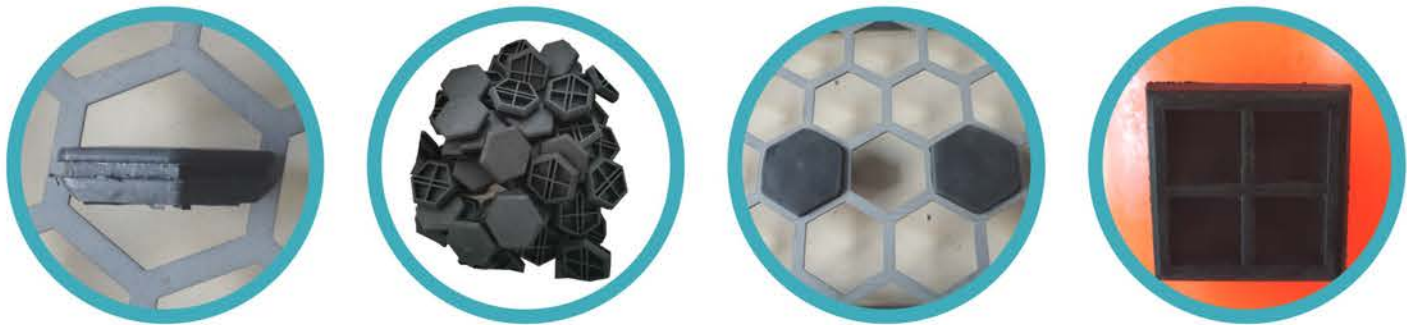


另有此页未展示的其他筛网相关配件
Other parts related to screens available are not shown

筛网修补块

Shaker Screen Repair Plugs

Plugs For Repairable Panels



Shaker screen repair plugs can be used to repair broken screen quickly. Such as the Cobra families screen, Mongoose series screen and so on. There are rectangle shape, hexagonal shape and the square shape mostly used

Our plugs suit for famous brand shaker screen, AIPU steel framed pre-tensioned screen. Also, the plugs can be customized according to your demand



如需定制化修补块，请告知具体要求及数量
Other customized plugs are available upon request and quantity

为什么选择艾谱？

WHY AIPU

筛网质量的源头控制并不是原材料，而是对钻井和用户需求的正确理解。我们相信以用户为导向是高质量产品及服务的保证。所以，我们关注所有的细节。比如筛网背面的密封条、提手.....我们对实际使用数据和分析数据进行比较，我们关注泥浆性能，我们关注用户的关注，我们兑现所做的承诺。

- 基于以上理念，我们持续改进产品、完善服务、提升自我。
- 艾谱是API及ISO 认证的专业生产企业
- 艾谱坚持使用高品质原材料
- 艾谱拒绝提供不合理低价产品
- 艾谱所有筛网都符合API RP13C
- 艾谱郑重承诺：如在同等工作条件下，艾谱筛网不及原装筛网表现，艾谱将提供无条件退换货

From the very beginning of screen quality is not the raw material, but the right understanding of drilling and users' demand. We trust user-oriented is a guarantee of high quality products and services

So, we pay attention on all details. Such as rubber strips on back side, handle on side. We compare datas from practical job with analysis data. We consider the drilling mud property, temperature, and so on. We care what users care, we do what we promise.

- Based on above concept, we improve product, service, ourselves on and on.
- AIPU is API and ISO certified qualified manufacturer
- AIPU insists on utilizing high quality raw material
- AIPU doesn't provide just low price products but the reasonable price
- AIPU screens are API RP 13C compliant
- AIPU promises: If replacement screens work not same as original panels under the same condition, AIPU provides unconditional exchange or refund