

CHOHO 征和 耕耘部件



行业首家A股上市公司
证券代码 003033



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青岛征和工业股份有限公司

青岛征和工业股份有限公司——高品质农机链系统部件制造商。行业首家A股上市公司，国家技术创新示范企业，国家认定企业技术中心，国家制造业单项冠军示范企业，国家专精特新小巨人企业。2022年，征和已在全球拥有1600多家经销商，并为潍柴雷沃、科乐收、爱科、淄博巨明等四十余家知名农机厂家配套。

公司以农业链条/链轮的开发和制造为核心产业，引进并建成了完善的试验设备、自动生产线和系统原件配套体系。运用国内领先的产学研综合模式，公司具备了强大的独立的链系统开发能力，可全面参与农用机械链系统的前期开发。2016年，公司进入耕整地部件领域，已推出旋耕刀、深松铲、圆盘耙、犁铧、合金刀等高端耕耘部件。

展望未来，我们信心满怀！突破极限，智取未来——征和，正在为明日美好世界贡献自己应有的力量！

Qingdao CHOHO Industrial Co., LTD. —High quality agricultural chain transmission system parts manufacture. The first A-share listed company in the industry, national technological innovation demonstration enterprise, state-certified enterprise technology center, national champion demonstration enterprise of manufacturing industry, national specialized new small giant enterprise. By 2022, CHOHO has more than 1600 distributors in the world, and supplies OEM service for more than 40 well-known agricultural machinery manufacturers, such as Lovol, CLAAS, AGCO, GIMIG etc.

CHOHO focus on agricultural chain and sprocket development and manufacture. CHOHO introduced and formed completely test equipment, automatic product line and system original supporting system. Using the domestic leading industry-university-research comprehensive model, CHOHO has a strong independent chain system development ability, can fully participate in the early development of agricultural machinery chain system. CHOHO entered into high-end tillage parts business in 2016 and has expanded its products to rotary blade, subsoiler blade, disc, plough share, alloy knife.

Looking forward to the future, CHOHO, aiming at the future, as the high-end tillage parts technology leader, will contribute to the future world!

主要产品	Main Product	技术/专利	Technology/Patent
■ 高端耕耘部件	■ High-end tillage parts	■ 国家认定企业技术中心	■ State-certified Enterprise Technology Center
■ 农机链系统部件	■ Agricultural chain system parts	■ 国家技术创新示范企业	■ National Technological Innovation Demonstration Enterprise
■ 汽车链系统	■ Automobile engine chain system	■ 国家专精特新“小巨人”企业	■ National Specialized New Small Giant Enterprise
■ 摩托车链传动系统	■ Motorcycle chain transmission system	■ 国家标准负责起草单位	■ National Standard Draft Unit
■ 工业链	■ Industrial chain	■ 180项国家发明和新型专利	■ 180 National Invention and New Model Patent

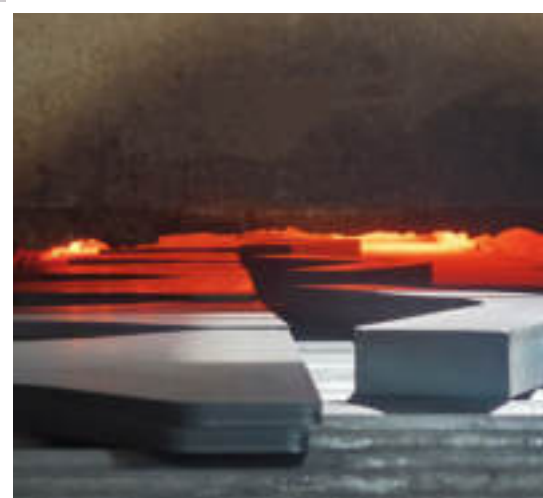
公司认证及荣誉

- 1999年，通过法国BVQI ISO9002质量管理体系认证
- 2003年，通过挪威DNV ISO9001质量体系认证
- 2007年，通过TS16949质量管理体系认证
- 2015年，通过青岛世通ISO9001:2008质量管理体系认证
- 2018年，获得CNAS实验室认可证书
- 2021年，通过德国TUV莱茵ISO9001:2015质量管理体系认证
- 2022年，通过ISO14001:2015环境管理体系认证
- 2022年，通过ISO45001:2018职业健康安全管理体系认证
- 2013年中国农业机械零部件龙头企业
- 2014年爱科优秀供应商
- 2015年科乐收金亿优秀供应商
- 2016年山东国丰优秀供应商
- 2017年勇猛机械优秀供应商
- 2018年金大丰战略合作奖
- 2019年中农发巨明优秀供应商
- 2020年宗申戈梅利最佳合作供应商
- 2021年道依茨法尔优秀供应商
- 2022年潍柴雷沃重工战略合作供应商

Certification/Honors

- In 1999, passed France BVQI ISO9002 quality management system certification
- In 2003, passed Norwegian DNV ISO9001 quality system certification
- In 2007, passed TS16949 quality management system certification
- In 2015, passed ISO9001:2008 quality management system certification of Qingdao Stron
- In 2018, obtained the CNAS laboratory accreditation certification
- In 2021, passed TUV Rhein ISO9001:2015 quality management system certification
- In 2022, passed ISO14001:2015 environmental management system certification
- In 2022, passed ISO45001:2018 Occupational health & safety management system certification
- 2013 China Agricultural Machinery Industry Association Components Leading Enterprises
- 2014 Excellent Supplier of AGCO
- 2015 Excellent Supplier of CLAAS Jinyi
- 2016 Excellent Supplier Shandong Guofeng
- 2017 Excellent Supplier of Yongmeng Machinery
- 2018 Golddafeng Strategic Cooperation Award
- 2019 Excellent Supplier of GIMIG
- 2020 Best Supplier of Zongshen Gomei
- 2021 Excellent Supplier of Deutz Fahr
- 2022 Strategic Cooperative Supplier of Lovol Heavy Industry





耕耘部件事业部简介

耕耘部件事业部是青岛征和工业股份有限公司成立的集产品研发、生产、销售为一体的事业部。目前该事业部主要产品包括犁铧、圆盘耙片、驱动耙齿、深松铲、收获机刀片及相关配件。产品均采用优质特殊钢材和先进加工工艺制造，保证了产品的强度、韧性和耐磨性。

犁铧产品的主要部件：犁尖采用先进锻造技术制作，并且熔覆高耐磨材料，既有韧性又保证耐磨；收获机刀片采用多种合金熔覆工艺，保证锋利度的同时延长使用寿命。目前所有产品已经配套国内外主流农机厂家，质量也得到客户的一致好评。

耕耘部件事业部将致力于成为全球耕耘部件技术领导者，为全球高端耕整播收农业机械厂家提供最优质的配套产品及服务，引领中国农机耕整播收部件行业技术全面升级！

Brife Introduction of Tillage Parts Division

As a set up business division in Qingdao Choho Industrial Co.,Ltd, the tillage parts business division has already expanded its business to research & development, production and sales. Now it is mainly providing ploughshare, harrow disc, power harrow tine, subsoiler blade, harvesting machine blade and relevant parts. All products adopts high quality special steel and advanced producing process, which ensure the product reliable strength, toughness and wear resistance.

The main parts of ploughshare products: The plough tip is made of advanced forging technology and overlaid with high wear-resistant material, which has both toughness and wear-resistance. Harvester blade adopts a variety of alloy cladding technology to ensure sharpness and prolong service life. At present, all the products have been supporting the domestic and foreign mainstream agricultural machinery manufacturers, quality has been praised by customers.

We are pursuing to become the leader of high-end tillage parts in the world and to provide the best products and service to worldwide high-end agricultural machinery manufacturer, finally to lead the integrated updating of the tillage parts in China.



50型主犁犁铧

Type 50 Main Plough Share

50型主犁犁铧耐磨件均选用优质硼钢,采用先进的热处理工艺,适用于砂石地、黏土地等复杂环境使用,适用于大型拖拉机。

The wear-resistant parts of the plough share of model 50 main plough are all made of high-quality boron steel and adopt advanced heat treatment technology. They are suitable for use in complex environments such as sand and gravel ground and clay ground, and are suitable for large tractors.



50型轻体主犁犁铧

Type 50 Light Main Plough Share

50型轻体犁铧耐磨件均选用优质硼钢,采用先进的热处理工艺,犁体更加轻巧,适用于大中型拖拉机。

The wear-resistant parts of type 50 light ploughshare are all made of high-quality boron steel. With advanced heat treatment technology, the plough body is more lightweight and suitable for large and medium-sized tractors.

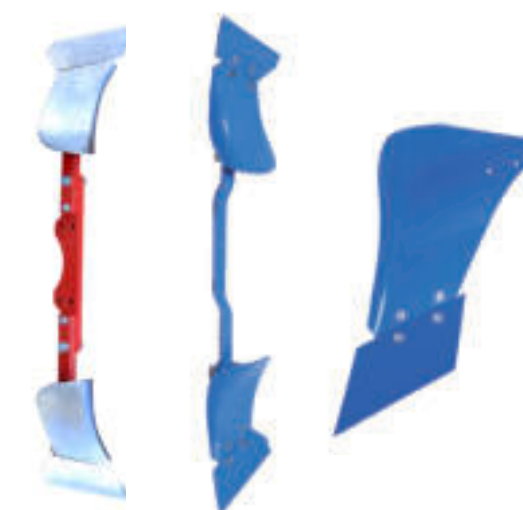


副犁系列

Deputy Plough Series

副犁系列犁柱主要有整体副犁柱、分段副犁柱两大类;副犁铲、副犁壁涵盖8系、9系全部产品,为客户提供更多的选择。副犁系列产品均选用优质硼钢,采用先进的热处理工艺,产品寿命进一步提升,灭茬效果更优。

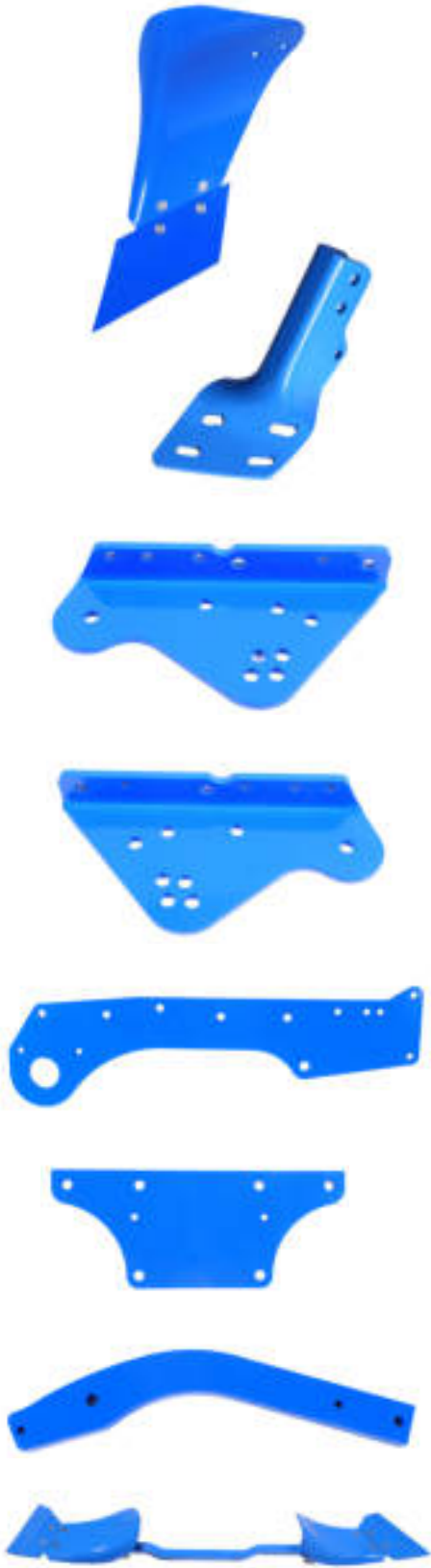
Auxiliary plow series of auxiliary plow column mainly has a whole auxiliary plow column, sublevel auxiliary plow column two categories; Vice plow shovel, vice plow cover 8 series, 9 series of all products, for customers to propose more choices. The AUXILIARY plough series products are selected with high quality boron steel and advanced heat treatment technology, which further improves the product life and better stubble elimination effect.



名称 DESCRIPTION	编号 CODE	重量 WEIGHT
犁尖	C001-4150	2.5
	C001-4151	2.5
	C001-4150H	2.5
	C001-4151H	2.5
主犁铲	C002-2132	4.4
	C002-2133	4.4
	C002-2134	5.4
	C002-2135	5.4
	C002-2136	5.9
	C002-2137	5.9
	C002-2138	5.9
犁侧板	C003-1506	6.2
	C003-1507	5.6
	C003-1508	6.0
	C003-1509	8.4
犁侧板楔子	C004-1900	1.0
	C004-1901	1.0
	C005-2890	1.3
	C005-2891	1.3
连接板	C007-5600	4.3
	C007-5601	4.3
主犁托	C009-1010	13.2
	C009-1011	13.2
栅条	C010-4012	4.7
	C010-4013	4.7
	C010-4020	3.3
	C010-4021	3.3
	C010-4030	4.8
	C010-4031	4.8
	C010-4042	7.3
犁脰	C010-4043	7.3
	C011-1000	2.3
	C011-1001	2.3



名称 DESCRIPTION	编号 CODE	重量 WEIGHT
副犁铲	C012-3710	1.4
	C012-3711	1.4
	C012-3726	2.2
	C012-3727	2.2
副犁壁	C013-0620	2.8
	C013-0621	2.8
	C013-0622	4.8
	C013-0623	4.8
副犁托	C014-0840	3.4
	C014-0841	3.4
	C014-0842	4.8
	C014-0843	4.8
副犁柱	C016-0012	12.2
	C016-0031	16.8
	C016-0034	16.8
犁梁弯夹板	C017 2556 R	7.6
	C017 2557 L	7.6
	C017 2558 R	7.6
	C017 2559 L	7.6
	C017 2562 R	10.0
	C017 2563 L	10.0
	C017 2564 R	10.0
	C017 2565 L	10.0
平夹板	C018 3825	8.6
	C018 3832	10.0
	C020 2703	27.7
主犁柱	C015-8001	13.3
	C015-8503	16.5
	C015-8506	13.9
	C015-9001	17.6





直径 DIAMETER D		厚度 THICKNESS		圆盘重量 PLAIN DISC WEIGHT		缺口盘重量 NOTCHED WEIGHT	
mm	inch	mm	inch	kg	lb	kg	lb
250	10"	2,5	6/64"	1,15	2,5	-	-
280	11"	2,5	6/64"	1,30	2,9	-	-
305	12"	2,5	6/64"	1,40	3,1	-	-
310	12"	4,5	11/64"	2,80	6,2	-	-
325	13"	2,5	6/64"	1,60	3,5	-	-
330	13"	2,5	6/64"	1,65	3,6	-	-
350	14"	3	8/64"	2,20	4,9	-	-
360	14"	4,5	11/64"	3,70	8,2	-	-
410	16"	3,2	8/64"	3,50	7,7	3,00	6,6
410	16"	6	15/64"	6,10	13,4	-	-
460	18"	3,2	8/64"	4,40	9,7	3,60	7,9
460	18"	3,5	9/64"	4,80	10,6	3,90	8,6
460	18"	6	15/64"	6,80	15,0	-	-
510	20"	3,5	9/64"	5,80	12,8	5,20	11,5
510	20"	4	10/64"	6,70	14,8	6,00	13,2
510	20"	4,5	11/64"	7,30	16,1	6,50	14,3
510	20"	5	13/64"	8,40	18,5	7,70	17,0
510	20"	6	15/64"	9,60	21,2	8,60	18,2
530	21"	4	10/64"	7,50	16,5	6,70	14,8
530	21"	6	15/64"	10,50	23,1	9,70	21,4
560	22"	4	10/64"	8,20	17,64	7,20	15,63
560	22"	4,5	11/64"	9,00	19,8	7,90	17,4
560	22"	5	13/64"	9,90	21,48	8,80	19,1
560	22"	6	15/64"	11,60	25,60	10,30	22,7
610	24"	5	13/64"	11,60	25,60	10,50	23,1
610	24"	6	15/64"	14,10	31,1	12,70	28,0
610	24"	7	18/64"	16,45	36,27	14,84	32,72
610	24"	8	20/64"	18,80	41,45	17,00	37,48
660	26"	5	15/64"	13,20	29,05	12,20	26,84
660	26"	6	15/64"	17,20	37,9	15,50	34,2
660	26"	7	18/64"	20,10	44,3	18,10	39,9
660	26"	8	20/64"	23,60	52,0	20,70	45,6
710	28"	6	15/64"	20,03	44,2	18,50	40,8
710	28"	7	18/64"	23,00	50,71	21,50	47,4
710	28"	8	20/64"	26,50	58,42	24,50	54,01
710	28"	10	25/64"	32,7	52,14	29,8	65,56
760	30"	8	20/64"	29,10	64,2	26,80	59,1
760	30"	10	25/64"	36,20	79,8	33,50	73,9
810	32"	8	20/64"	30	65	28	62
810	32"	10	25/64"	43	95	40	88
910	36"	12	30/64"	68	150	60	132

球形圆盘
PLAIN DISC



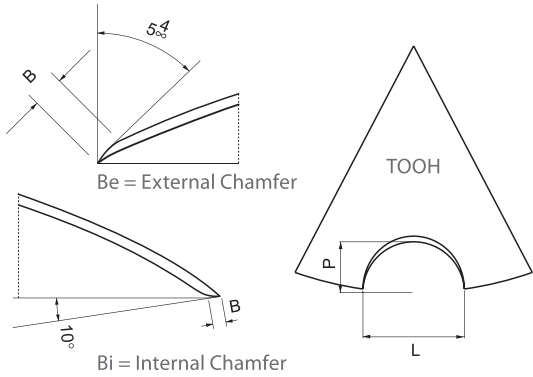
球形缺口盘
NOTCHED DISC



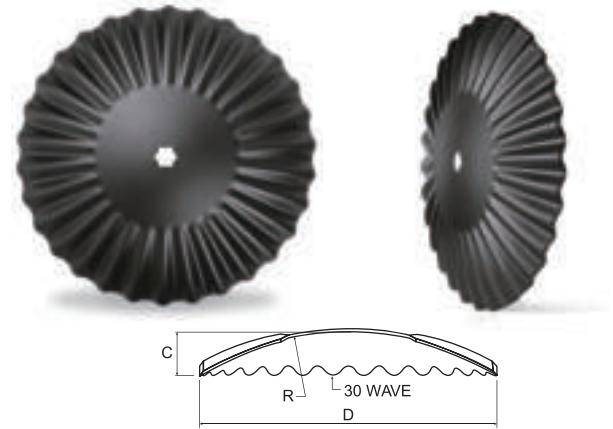
圆盘耙片和开沟圆盘 Disc for Harrow Ploughs and Seeders

缺口耙片 Notched Disc

L		P	
mm	inch	mm	inch
25	1"	15	3/5
70	2" 3/4	35	1" 3/8
75	2" 15/16	40	1" 9/16
80	3" 9/16	45	1" 3/4
100	3" 15/16	50	2"



波浪纹耙片 Diameter and Radius - Curved Disc

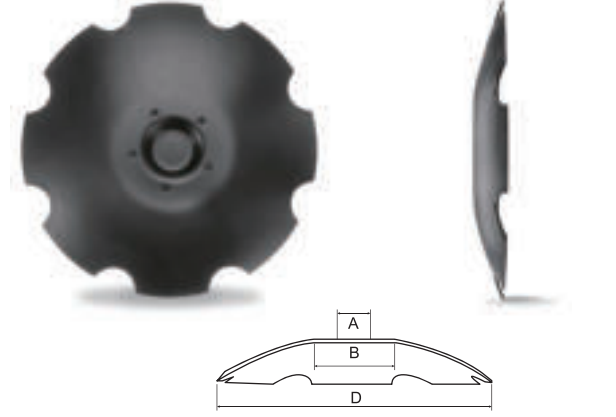
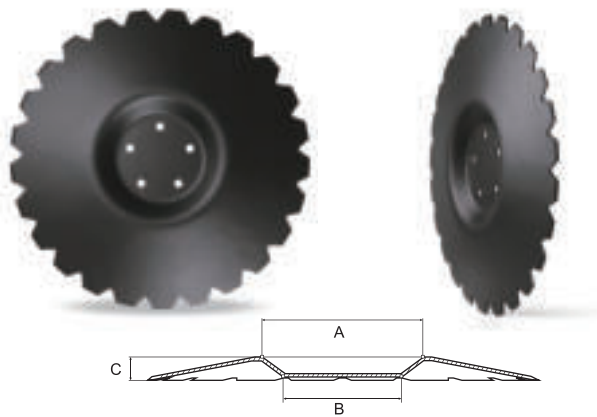


直径 DIAMETER D		C	代码 STAMP CODE 073	
mm	inch	R	670 mm	
mm	inch		mm	inch
-	-		-	-
-	-		-	-
-	-		-	-
-	-		-	-
560	22"		61	2" 13/32
610	24"		73	2" 7/18
660	26"		87	3" 7/16
710	28"		102	4" 1/32
-	-		-	-

特殊耙片 Special Disc

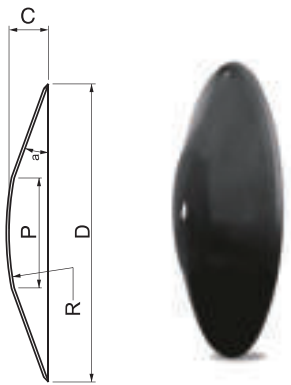
直径 DIAMETER D		C	代码 STAMP CODE 046						THICKNESS
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
510	20"	234	9" 7/32	160	6" 19/64	28	1" 7/64	4	5/32"
560	22"	234	9" 7/32	160	6" 19/64	33	1" 19/64	4	5/32"

直径 DIAMETER D		C	代码 STAMP CODE 047					
mm	inch	R	900 mm					
mm	inch		A	B	THICKNESS			
620	24"	79	3" 7/64	116	4" 36/64	6	15/64"	



球形耙片 Spherical Disc

直径 DIAMETER D		C	代码 STAMP CODE 020		020/1
mm	inch	P	270mm		200 mm
mm	inch	R	650	25" 19/32	600
mm	inch		mm	inch	mm
510	20"		60	2" 23/64	-
560	22"		73	2" 7/8	-
610	24"		81	3" 3/16	-
660	26"		96	3" 25/32	-
710	28"		108	4" 1/4	-
760	30"		123	4" 27/32	-



平盘 Diameter, Thickness and Weight - Flat Disc

直径 DIAMETER D		厚度 THICKNESS		重量 WEIGHT	
mm	inch	mm	inch	kg	lb
250	9" 13/16	2,5	6/64"	1,15	2,5
280	11"	2,5	6/64"	1,3	2,9
305	12"	2,5	6/64"	1,4	3,1
325	12" 13/16	2,5	6/64"	1,6	3,5
360	14" 3/16	3	8/64"	2,2	4,9
381	15"	4	5/32"	3	6,6
400	15" 12/16	7	18/64"	7,0	15,4
433	17"	4,5	11/64"	4,6	10,1
450	17" 11/16	6	15/64"	6,8	15,0
450	17" 11/16	7	18/64"	8,6	19,0
500	19" 11/16	4,5	11/64"	7,0	15,4
500	19" 11/16	6	15/64"	8,8	19,4
500	19" 11/16	7	18/64"	10,05	22,2
580	22" 13/16	6	15/64"	11,6	25,6
630	24" 13/16	6	15/64"	14,1	31,1
670	26" 6/16	6	4/16"	17,20	37,9
700	27" 9/16	8	5/16"	23,30	51,4
810	31" 14/16	10	6/16"	29,10	64,2



波纹平盘 Diameter and Thickness - Corrugated Flat Disc

直径 DIAMETER D		厚度 THICKNESS	
mm	inch	mm	inch
430	17"	4	10/64"
460	18"	4	10/64"
460	18"	5	13/64"
510	20"	4	10/64"
510	20"	5	13/64"



COD.	尺寸 DIMENSION		支架 FRAME	轴 SILENT BLOCK	圆盘 DISC	PCS	NOTE
	A mm	B mm	C/D mm	mm	mm		
ZOFS0003	392	40	100 x 100	50 x 240	610 x 6 D	1	rear
ZOFS0004	392	40	100 x 100	50 x 240	610 x 6 D	1	front
ZOFS0005	330	65	80 x 80	40 x 230	510 x 5 D	1	rear
ZOFS0006	330	65	80 x 80	40 x 230	510 x 5 D	1	front



动力驱动耙齿 Power Harrow Tine

品牌 BRAND	型号 MODEL	规格 SPECIFICATION	重量 WEIGHT
		mm	kg
KUHN	KUHN52596410	120*16*312	3.2
KUHN	KUHN52596510	120*16*312	3.2
KUHN	K2500100	110*25.5*318	3.68
KUHN	K2500090	110*25.5*318	3.68
KUHN	K525604	110*16*320	2.8
KUHN	K525605	110*16*320	2.8
KUHN	K525494	110*12*270	2
KVERNELAND	K525495	110*12*270	2
KVERNELAND	E010146	90*12*280	1.73
KVERNELAND	E020146	90*12*280	1.73
KVERNELAND	E030146	110*15*330	2.94
KVERNELAND	E040146	110*15*330	2.94
KVERNELAND	E080246	110*18*300	3.05
KVERNELAND	E070246	110*18*300	3.05





畜牧机械刀片 Stockbreeding Machinery Knife

垂直系统锯齿刀 Toothed blade for vertical systems	厚度 THICKNESS	重量 WEIGHT
	mm	kg
	6.0	3.25



垂直系统锯齿刀 Toothed blade for vertical systems	孔径 3xhole	厚度 THICKNESS	重量 WEIGHT
	Φ	mm	kg
	19.5	6.0	3.25



垂直系统锯齿刀 Toothed blade for vertical systems	孔径 3xhole	厚度 THICKNESS	重量 WEIGHT
	Φ	mm	kg
	18.5	5.0/6.0	2.60



垂直系统锯齿刀 Toothed blade for vertical systems	厚度 THICKNESS	重量 WEIGHT
	mm	kg
	6.0	3.25



垂直系统锯齿刀 Toothed blade for vertical systems	厚度 THICKNESS	重量 WEIGHT
	mm	kg
	6.0	3.25



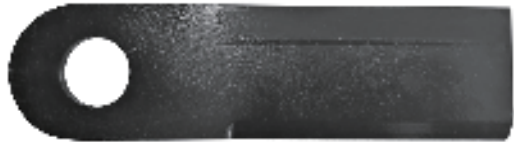
ART.220 CVC	重量 WEIGHT
	kg
	1.35



割草机刀片 Mowing Machine Knife



规格 SPECIFICATION	重量 WEIGHT
mm	kg
220*80*5	0.68



规格 SPECIFICATION	重量 WEIGHT
mm	kg
225*60*5	0.51



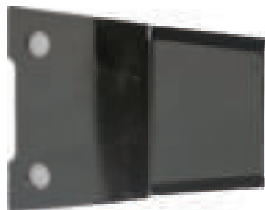
规格 SPECIFICATION	重量 WEIGHT
mm	kg
107*47*4	0.135



规格 SPECIFICATION	重量 WEIGHT
mm	kg
148*133.8/63.5*5	0.44



规格 SPECIFICATION	重量 WEIGHT
mm	kg
136*135/69.5*4.5	0.42



规格 SPECIFICATION	重量 WEIGHT
mm	kg
123*100/70*5	0.38

青贮机刀片 Silage Machine Knife



重量 WEIGHT
kg
1.2



重量 WEIGHT
kg
0.83



规格 SPECIFICATION	重量 WEIGHT
mm	kg
286*100*8	1.3



重量 WEIGHT
kg
0.12

打捆机星轮 Knife in Baler

规格 SPECIFICATION	重量 WEIGHT
mm	kg
355*355*8 / 6	3.6 / 2.7





收获机刀片Harvester Knife



重量 WEIGHT
kg
0.68



重量 WEIGHT
kg
0.28



重量 WEIGHT
kg
1.20



规格 SPECIFICATION
镀铬 936.0



规格 SPECIFICATION
JBT7862.2 I II III IV型刀片

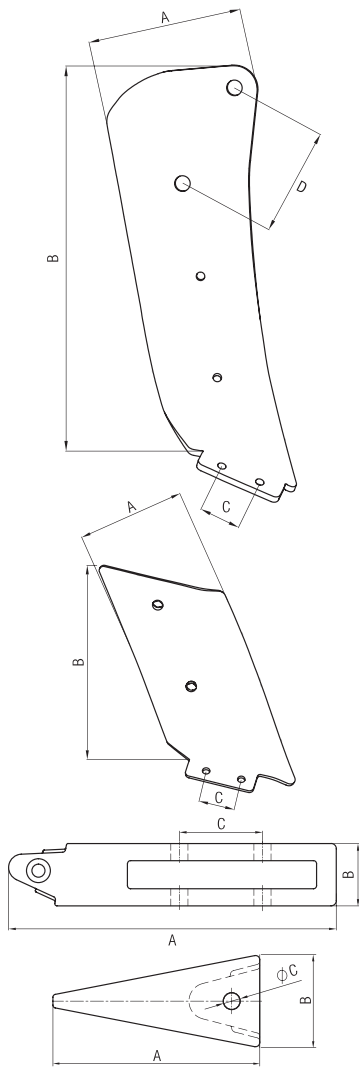


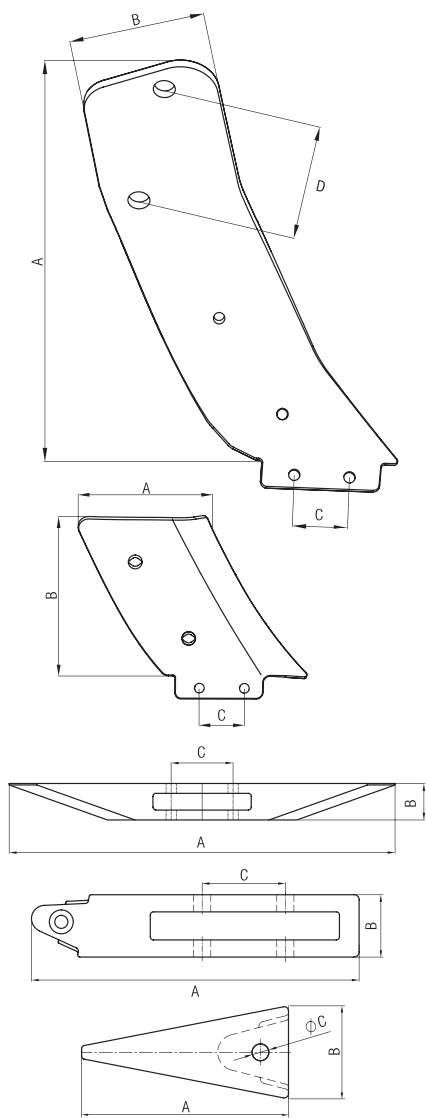
深松铲 Subsoiler Blade

产品规格 SPECIFICATION	重量 WEIGHT	尺寸 DIMENSION		孔距 HOLES	
	KG	A mm	B mm	C mm	D mm
15010-BRSP	23.2	300	820	80	215
15010-BLSP	23.2	300	820	80	215

产品规格 SPECIFICATION	重量 WEIGHT	尺寸 DIMENSION		孔距 HOLES
	KG	A mm	B mm	C mm
15008-BRSP	7.8	295	465	80
15008-BLSP	7.8	295	465	80

产品规格 SPECIFICATION	重量 WEIGHT	尺寸 DIMENSION		孔距 HOLES
	KG	A mm	B mm	C mm
15009-PH	3.7	316	60	80
15009-PT	1.7	148	57.5	12





深松铲 Subsoiler Blade

产品规格 SPECIFICATION	重量 WEIGHT	尺寸 DIMENSION		孔距 HOLES	
	KG	A mm	B mm	C mm	D mm
15007-CLSP	16.5	645	200	80	215
15007-CRSP	16.5	645	200	80	215

产品规格 SPECIFICATION	重量 WEIGHT	尺寸 DIMENSION		孔距 HOLES
	KG	A mm	B mm	C mm
15006-CLSP	4.7	235	325	80
15006-CRSP	4.7	235	325	80

产品规格 SPECIFICATION	重量 WEIGHT	尺寸 DIMENSION		孔距 HOLES
	KG	A mm	B mm	C mm
15009-PH	3.7	316	60	80
15009-PT	1.7	148	57.5	12
15009-700P	6.3	585	60	80

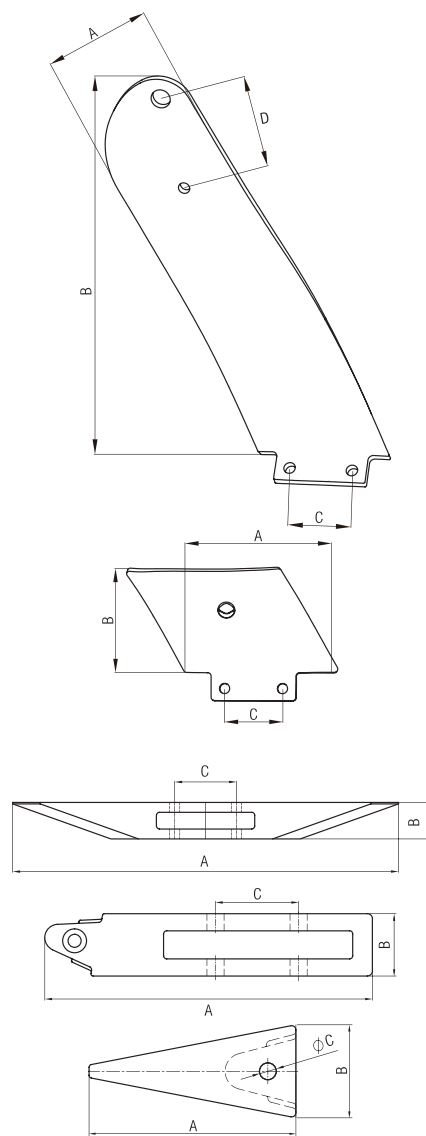


深松铲 Subsoiler Blade

产品规格 SPECIFICATION	重量 WEIGHT	尺寸 DIMENSION		孔距 HOLES	
	kg	A mm	B mm	C mm	D mm
15010-600-ARSP	8.6	160	600	85	131
15010-600-ALSP	8.6	160	600	85	131

产品规格 SPECIFICATION	重量 WEIGHT	尺寸 DIMENSION		孔距 HOLES
	kg	A mm	B mm	C mm
15008-600-ARSP	2.9	230	200	85
15008-600-ALSP	2.9	230	200	85

产品规格 SPECIFICATION	重量 WEIGHT	尺寸 DIMENSION		孔距 HOLES
	kg	A mm	B mm	C mm
15600-PH	3.0	264	58	85
15009-PT	1.7	148	57.5	12
15009-600P	4.5	530	51	85





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CHOHO

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深松部件/圆盘耙: 0532-83301675

Tel/Fax:

Plough share: 0532-88306029

Rotary Blade: 0532-88306130

Cultivator Tine/Blade and Harrow Disc/Seeding Opener Disc: 0532-88301675

Your sales representative

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