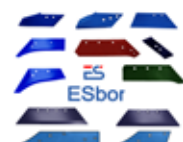




ESbor

Tarım Makinaları Yedek Parçaları
 Agricultural Machinery Spare Parts
 Запчасти для сельскохозяйственной техники



Power Of Boron Steel

TR-Firmamız, 2020 yılında kurulmuş ve faaliyetlerine başlamıştır. Yüksek teknolojiye yedek parça üreten firmamız, tüm üretim faaliyetlerini kendi bünyesinde gerçekleştirmekte olup, malzemeleri sektördeki profesyonel şirketlerden temin ederek kaliteyi en üst seviyede tutmaktadır.

Ürünlerimizde kullandığımız çelikler arasında boron çeliği, özel alaşımlı çelikler, duramax tipi çelikler ve yay çelikleri yer almaktadır. Ürünlerimiz, dövme, sıcak şekillendirme ve ısıtma işlem hatlarında işlenerek, sertlikleri temperleme fırınlarında ayarlanmaktadır. Bu sayede, ürünlerimizin deformasyonu minimum seviyelere indirilir.

Ürünlerimizde fırın ve toz kaplama sistemleri kullanılmaktadır (Ral 3020 Kırmızı - Ral 5015 Mavi - Ral 9005 Siyah).

Üretimlerimiz ;

- Pulluk Uçları/Bıçakları •Kültivatör Uçları •Yaylar (Tarım makinaları sıcak sarım yayları)
- Pulluk Parçaları •Diskler •Rotil, Rotatiller Uçları •Bilekler (Kültivatör, Çizel, Pulluk, Bağimsız Diskli vb.) •Komponentler

Ayrıca, müşteri ve üreticilerin talebi doğrultusunda özel üretim yapabilmekteyiz. Nitelikli personelimizin deneyimiyle garanti ettiğimiz kaliteli ürünlerimizle, birçok Avrupa ve Avrupa dışı tarım makinesi üreticisine yedek parça tedarik etmekten gurur duyuyoruz.

EN-Our company was established in 2020 and has quickly become a leading producer of high-tech spare parts for agricultural machinery. We pride ourselves on maintaining the highest level of quality by sourcing materials from professional companies in the sector and conducting all production activities within our own facilities.

Our spare parts are made using boron steel, special alloy steels, duramax type steel, and spring steels to ensure optimal performance and durability. To further enhance the quality of our products, we process them using forging, hot forming, and heat treatment techniques. Our tempering furnaces adjust the hardness of our products, reducing deformation to a minimum.

We also offer oven and powder coating systems for our products, which come in Ral 3020 Red, Ral 5015 Blue, and Ral 9005 Black.

Our extensive product line includes plow tips/blades, cultivator tips, springs (agricultural machinery hot winding springs), plow parts, discs, ball joint and rotatiller tips, tines (cultivator, chisel, plow, independent disc, etc.), and components for manufacturers.

Additionally, we can provide special production upon request from our customers and manufacturers. Our experienced and qualified personnel guarantee the quality of our products, and we are proud to supply spare parts to many European and non-European agricultural machinery manufacturers. Choose us for reliable and high-quality agricultural machinery spare parts.

RU- Наша компания была основана в 2020 году и стала ведущим производителем высокотехнологичных запасных частей для сельскохозяйственной техники. Мы гордимся тем, что поддерживаем высочайший уровень качества, закупая материалы у профессиональных компаний в секторе и проводя все производственные операции в своих собственных помещениях.

Мы изготавливаем запасные части из боронистой стали, специальных сплавных сталей, сталей типа *duramax* и пружинных сталей, чтобы обеспечить оптимальную производительность и долговечность. Чтобы дополнительно улучшить качество наших продуктов, мы обрабатываем их с помощьюковки, горячей формовки и термической обработки. Наши отпускные печи регулируют твердость наших изделий, снижая их деформацию до минимальных уровней.

Мы также предлагаем системы покраски в печи и порошковую покраску для наших изделий, которые поставляются в красках Ral 3020 красный, Ral 5015 синий и Ral 9005 черный.

Наша обширная линейка продуктов включает плуговые наконечники/лезвия, культиваторные наконечники, пружины (сельскохозяйственные пружины горячей намотки), запчасти для плугов, диски, шаровые соединения и наконечники для фрез, зубья (культиваторные, зубчатые, плужные, независимые диски и т.д.) и компоненты для производителей. Кроме того, мы можем предоставить специальное производство по запросу наших клиентов и производителей.

Наш квалифицированный и опытный персонал гарантирует качество наших продуктов, и мы гордимся тем, что поставляем запасные части многим европейским и неевропейским производителям сельскохозяйственной техники. Выберите нас для надежных и высококачественных запасных частей для сельскохозяйственной техники.



1-Diskler / Disc / диск 6-74

Suitable for Universal	6-14
Suitable for Amazone	15-25
Suitable for Case	26-28
Suitable for Degelman	29-35
Suitable for Dupont	36-37
Suitable for Gaspardo Maschio	38-42
Suitable for Horsch	43-46
Suitable for John Deere	47-50
Suitable for Kuhn	51-52
Suitable for Kverneland	53-54
Suitable for Lemken	55-62
Suitable for Salford	63-64
Suitable for Vaderstad	65-70
Suitable for Vogel u Noot	71-74

2-Kültivator / Cultivator / Культиваторные 75-92

Suitable for John Deere	76-77
Suitable for Universal	78-84
Suitable for Chisel Tiller	85-87
Suitable for 5 Tines Points	88-92

3-Pulluk / Plough / плуг 93-99

Suitable for Esener	94-95
Suitable for Ünlü	96-97
Suitable for Lemken	98
Suitable for Kuhn	98
Suitable for Kverneland	99
Suitable for Oliver	99

4-Bilek / Tines / Тинсы 100-104

5-Komponent / Components / Компонент 105-112



Özellikler /Specifications/ Технические характеристики

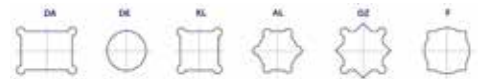
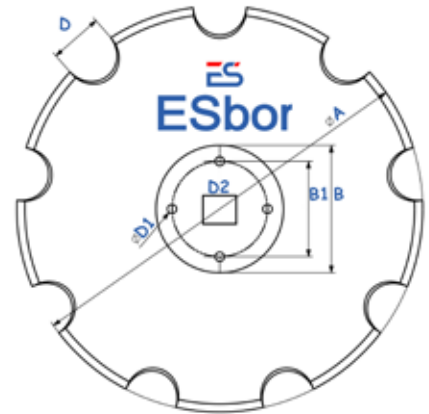
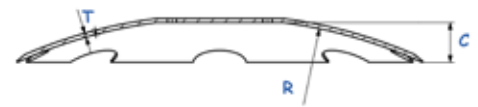
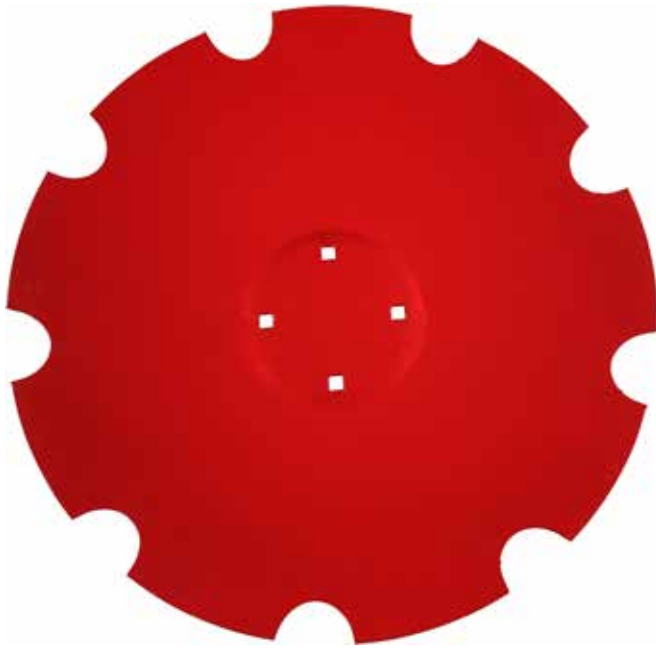
TR-Disklerimiz boron çeliğinden üretilmiş ve 50 +/-2 hrc'ye sertleştirilmiştir. Bu sertlik esnekliği ve kırılmadan kaynaklanan darbeleri absorbe etme kabiliyetini sağlar, diskin en ağır zemin koşullarında bile daha uzun ömürlü olmasını sağlar. Isıl işlem ve meneviş fırınları sayesinde eğilmeye ve kırılmaya karşı dayanıklıdır.

EN-Disc are made with Boron steel and hardness: 50 +/-2 HRc guaranteed via the use of in heat treatment. This hardness ensures flexibility and the ability to absorb impacts without breaking, providing the disc a longer life-span, even in the most severe soil conditions.

RU-Диск изготовлен из бористой стали и имеет твердость: 50 +/- 2 HRc, гарантированную при использовании тепла.

обработка. Эта твердость обеспечивает гибкость и способность поглощать удары, не ломаясь, обеспечивая более длительный срок службы диска даже в самых тяжелых почвенных условиях.





KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-D1A	560	145	98	55-75	67	12,5		613-750	4-4,5	5,5-7
ES-D1B	560	160	115	55-75	67	12,5		613-750	4-4,5	5,5-7
ES-D1A1	560	145	98	55-75	67	12,5		613-750	5	7,5-10
ES-D1B1	560	160	115	55-75	67	12,5		613-750	5	7,5-10

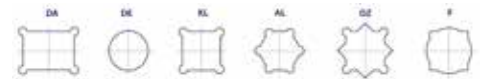
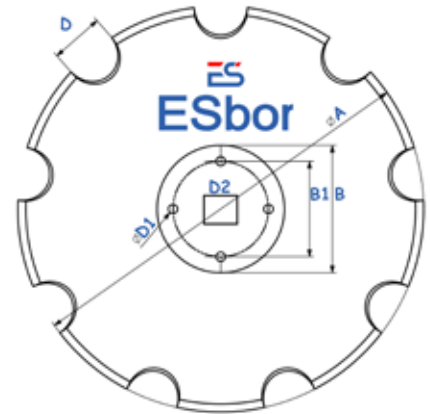
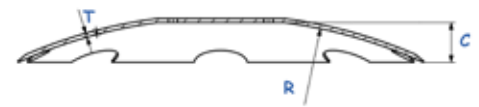
* Universal

** OEM Code

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-D1E	620	230	160	60	67	12,5		720	6	13,2

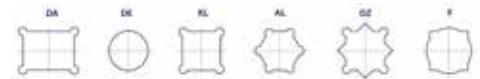
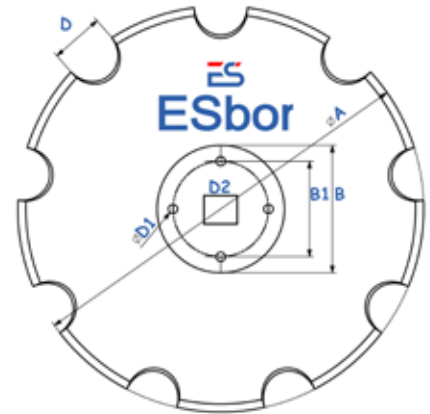
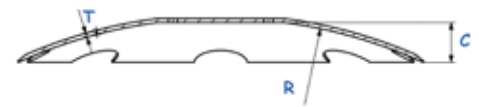
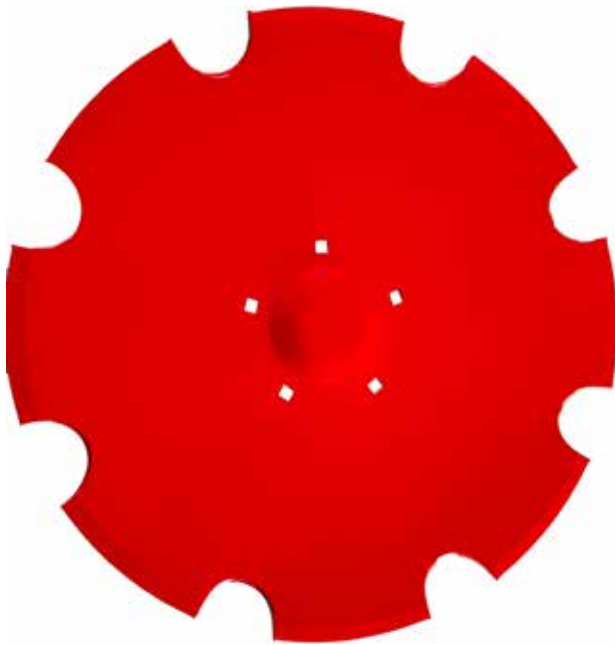
* Universal (Esener, Matris etc.)

** OEM Code

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-D1M	620	230	160	60	67	12,5		720	6	13,2

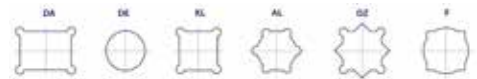
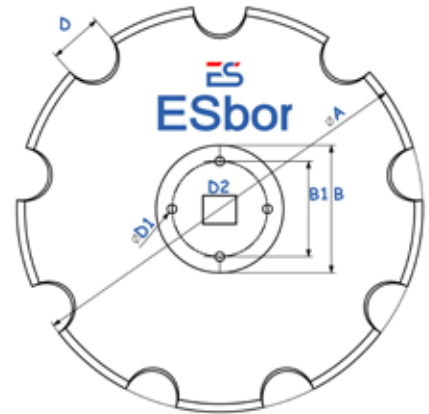
* Universal (Esener, Matris etc.)

** OEM Code

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-D1MA	620	230	160	60	35	12,5		720	6	13,2

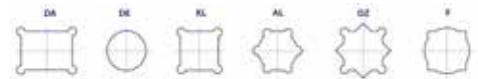
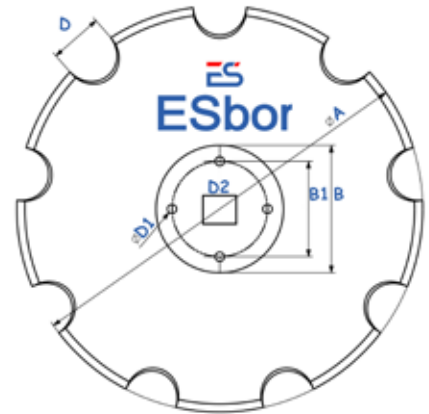
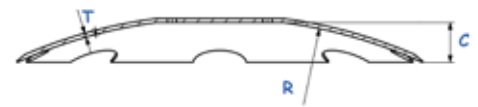
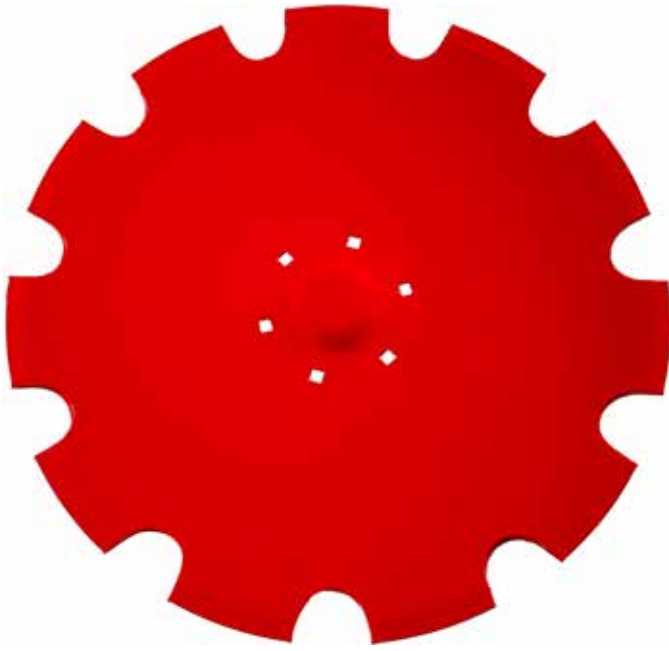
* Universal (Esener, Matris etc.)

** OEM Code

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-D1N	660	230	160	60	67	12,5		720	6	17,2

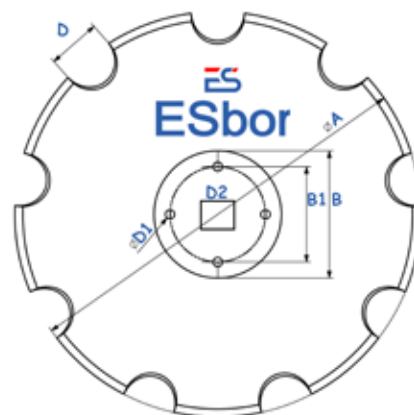
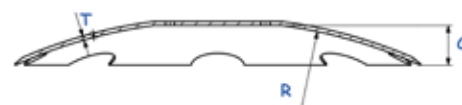
* Universal (Esener, Matris etc.)

** OEM Code

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	T (mm)	KG
ES-TSD-01 (Central)	600	275	40	65	15	275 OE	4	7,2
ES-TSD-02 (Cental Set)	600	275	80	65	15	275OE	4+4	14,5

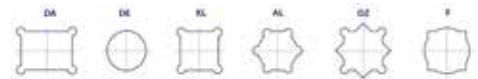
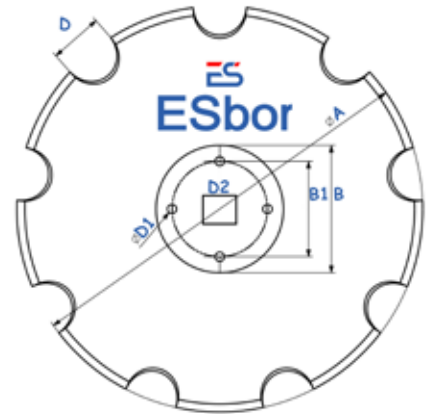
* Suitable for Universal

** Use for : Roller

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	T (mm)	KG
ES-TSD-03 (Side)	600	275		65	15	275 OE	6	9,6
ES-TSD-04 (Side Set)	600	275		65	15	275OE	4+6	16,8

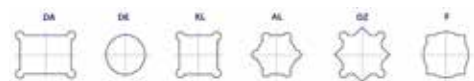
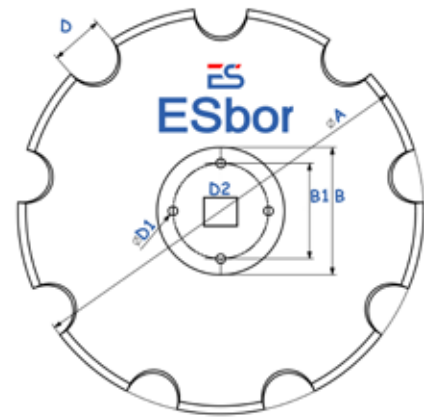
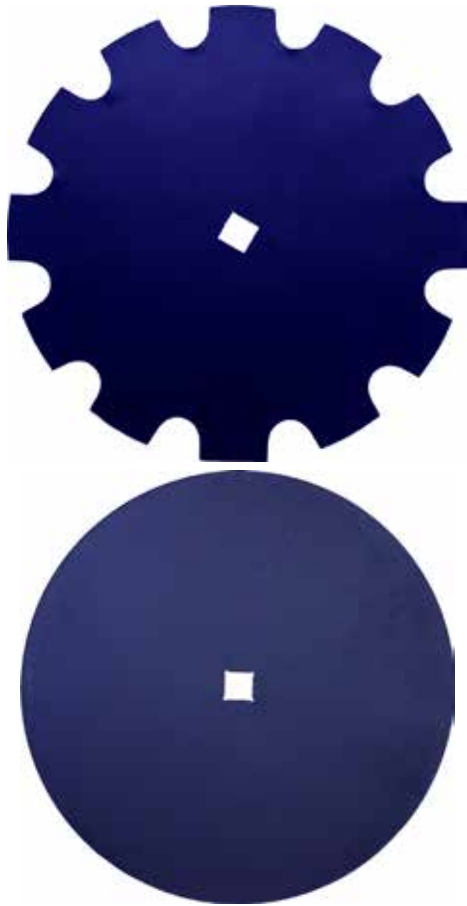
* Suitable for Universal

** Use for : Roller

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



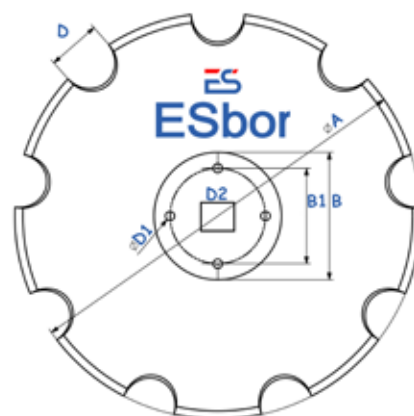
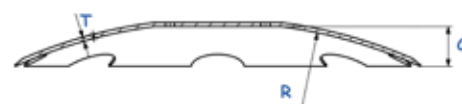
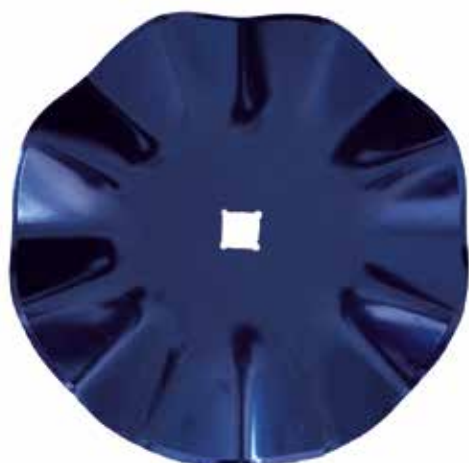
KOD/CODE	A (mm)	A (inch)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-D3A	460	18		51-60	50-67		20-40	470-575	3,5-4	4-5
ES-D3A1	460	18		51-60			20-40	470-575	3,5-4	4-5
ES-D3B	510	20		60-69	50-67		20-40	506-625	3,5-4	5,7-6,75
ES-D3B1	510	20		60-69			20-40	506-625	3,5-4	5,7-6,75
ES-D3C	560	22		60-85	50-67		20-40	503-680	4-5	9-10,75
ES-D3C1	560	22		60-85			20-40	503-680	4-5	9-10,75
ES-D3D	610	24		68-79	50-67		20-40	625-720	5	12,2
ES-D3D1	610	24		68-79			20-40	625-720	5	12,2
ES-D3F	660	26		83-96	50-67		20-40	613-695	5-6	15,2-17
ES-DF1	660	26		83-96			20-40	613-695	5-6	15,2-17
ES-D3J	710	28		94-111	50-67		20-40	625-720	6	22
ES-D3J1	710	28		94-111			20-40	625-720	6	22

* Universal

** Boron Steel

*** Hardness : 50 ± 2 HRc.

**** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-D4A	460			25			40		3,5-4	4,5-5,3

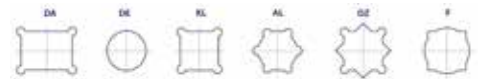
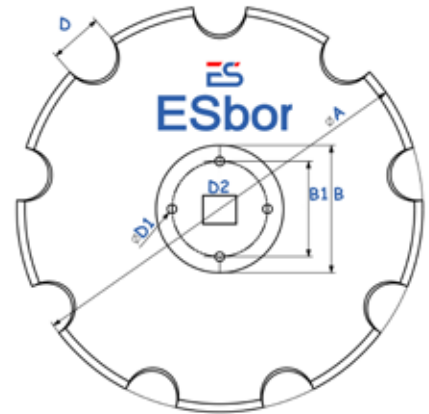
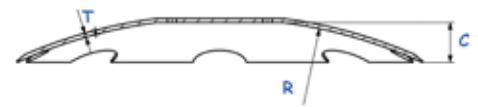
* Universal

** OEM Code

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A1	510	160	120	50	67	11,5		613	5	7,5

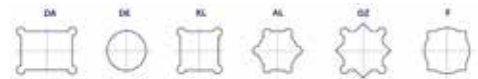
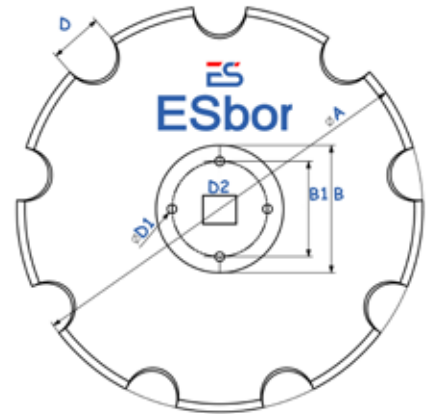
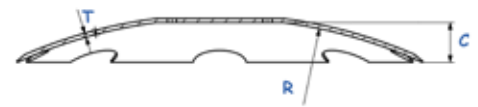
* Suitable for Amazone

** OEM Code : 78201966

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A2	510	160	120	50	35	11,5		613	5	7,6

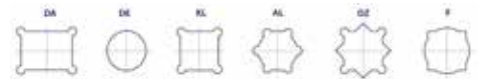
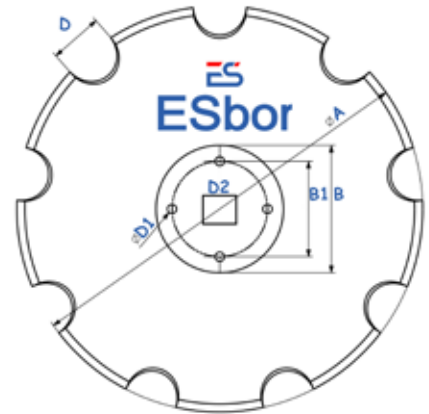
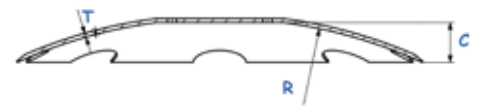
* Suitable for Amazone

** OEM Code : 78201967

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A3	510	160	120	57		11,5		613	5	7.83

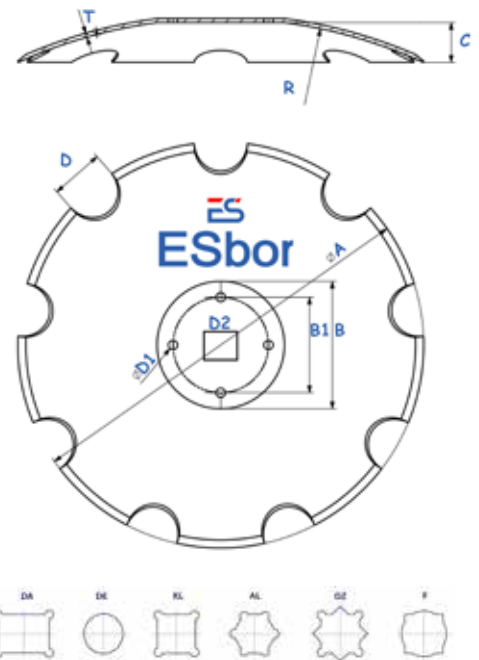
* Suitable for Amazone

** OEM Code : 78201987

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A4	460	160	120	40	67	11,5			4	5

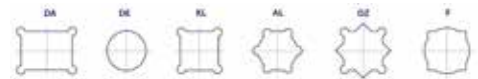
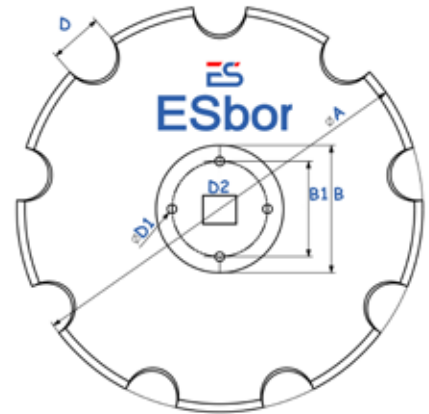
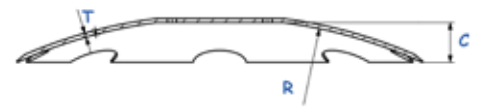
* Suitable for Amazone

** OEM Code : XL034

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A5	460	160	120	40	35	11,5			4	5

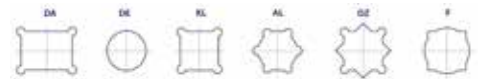
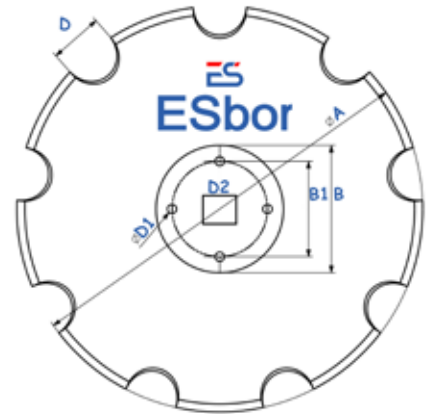
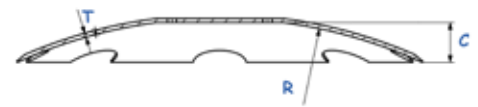
* Suitable for Amazone

** OEM Code : XL035

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A6	460	160	120	40		11,5			4	5.30

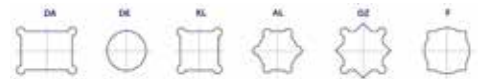
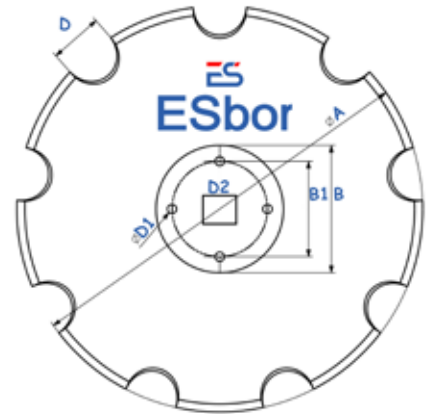
* Suitable for Amazone

** OEM Code : XL041

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A7	460	160	120	40	67	11,5			4	5

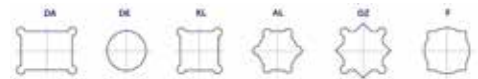
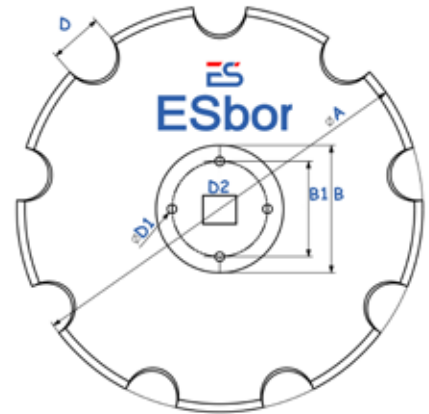
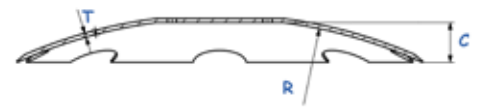
* Suitable for Amazone

** OEM Code : XL043

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A8	460	160	120	42	35	11,5			4	5.25

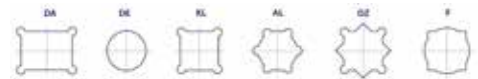
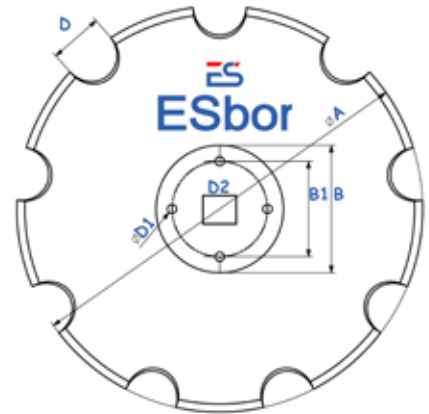
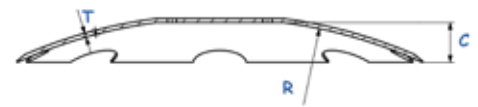
* Suitable for Amazone

** OEM Code : XL044

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A9	510			61	67	13	61		6	8.7

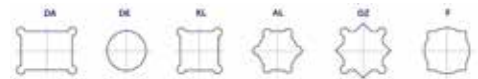
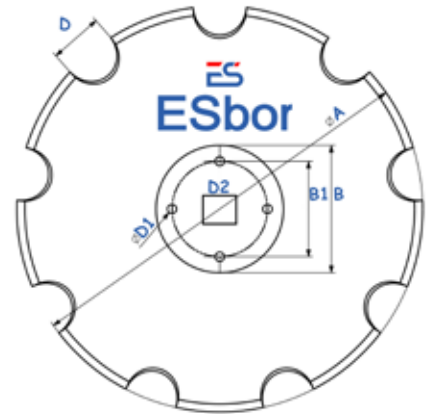
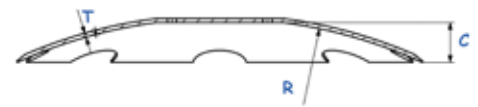
* Suitable for Amazone

** OEM Code : HC 125

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A10	360		86	34	67	9			3.5	3

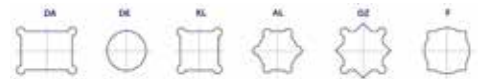
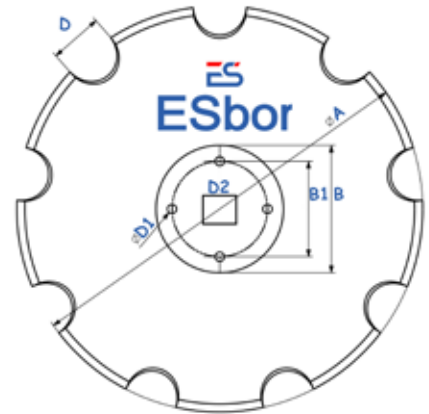
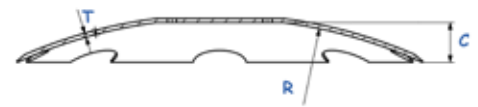
* Suitable for Amazone

** OEM Code : 953059

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-A11	410	155	15	40		10			4	4.1

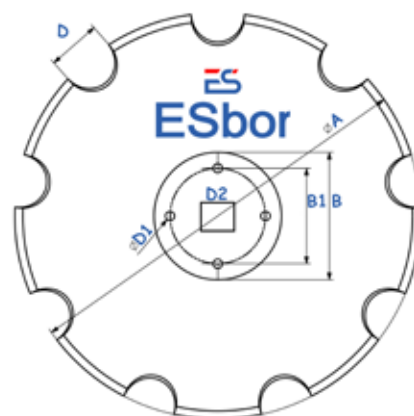
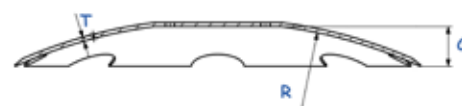
* Suitable for Amazone

** OEM Code : 961301

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-C1	510	160	98	54		12.5			5	6.75

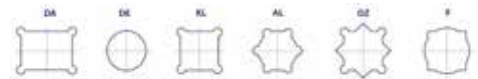
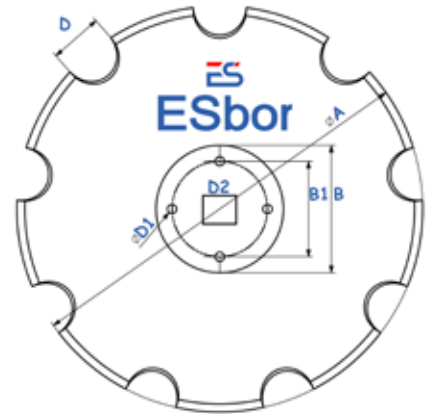
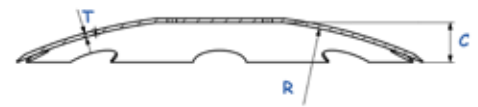
* Suitable for Case Farmet Köckerling Maschio/Gaspardo Bednar

** OEM Code : Case Farmet 9002598 - 3007653 - Köckerling 910964
Maschio/Gaspardo M65700201 - M65400214 - Bednar KM060174

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-C2	460		112.3			13.5	86.6		5	6.5

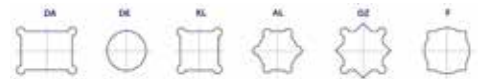
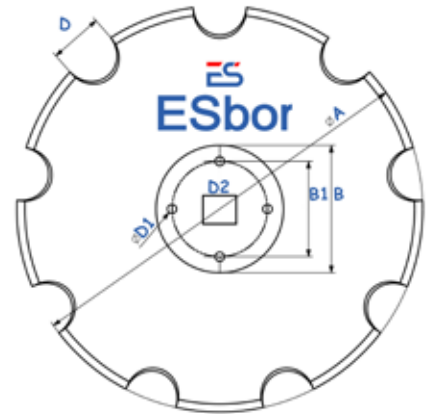
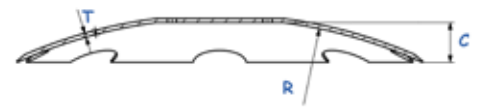
* Suitable for Case

** OEM Code : Case 87488385

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-C3	625	260	105	67		14	105 DE		6	14.1

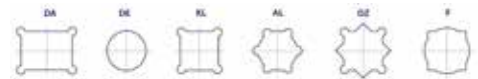
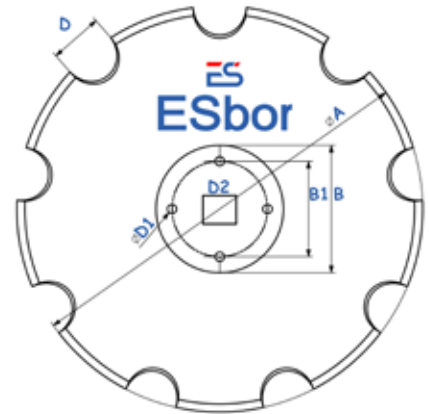
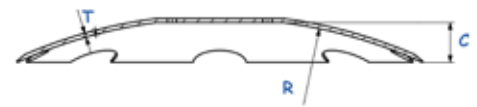
* Suitable for Case-New Holland

** OEM Code : 87457566

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-DG-01	460	160	135	40		12			6	7,2

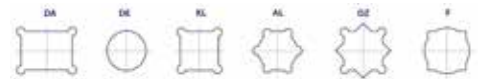
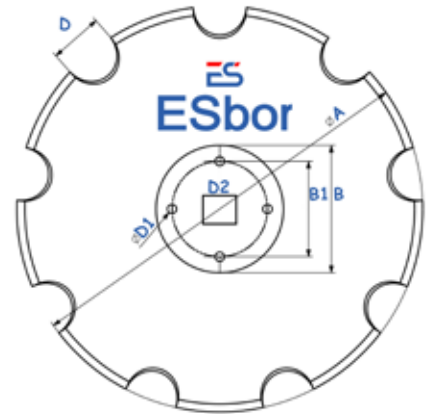
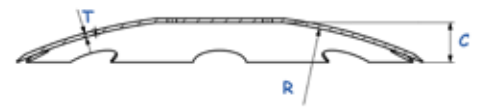
* Suitable for Degelman

** OEM Code : 143550

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-DG-02	510	160	135	50-55	40-45	12			6	8,7

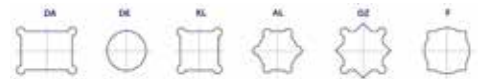
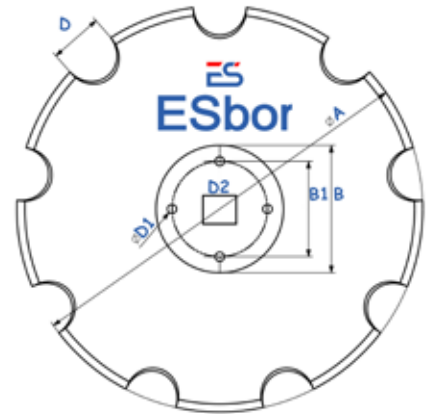
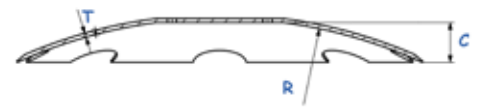
* Suitable for Degelman

** OEM Code : 143553

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-DG-03	510	160	135	50-55		12			6	8,7

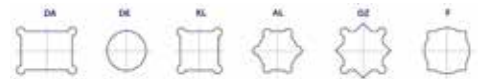
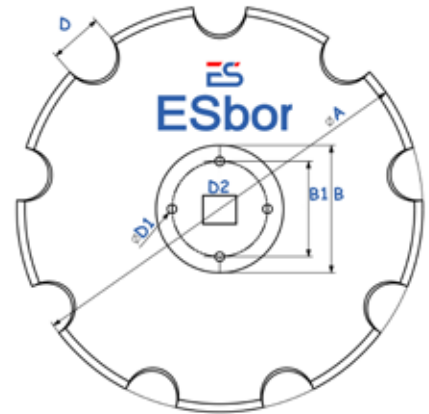
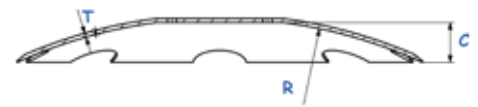
* Suitable for Degelman

** OEM Code : 143556

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-DG-04	510	160	135	50-55	67	12			6	8,7

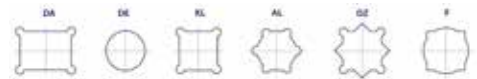
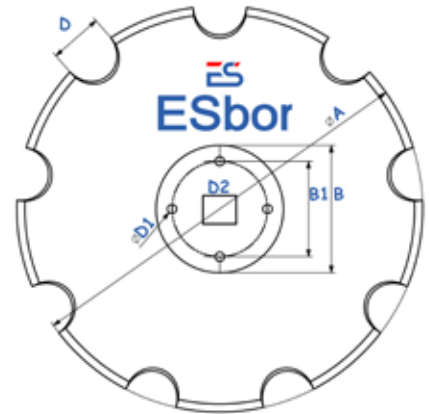
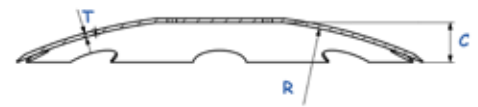
* Suitable for Degelman

** OEM Code : 143557

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-DG-05	560	160	135	55-65	67	12			6	10,9

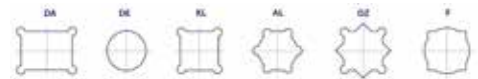
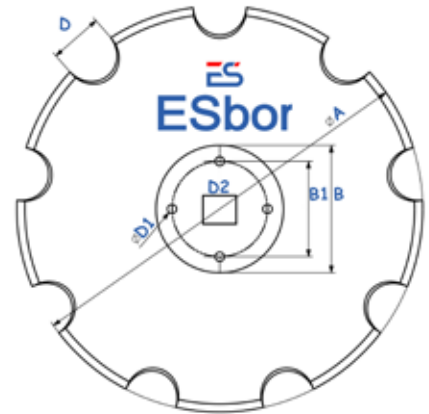
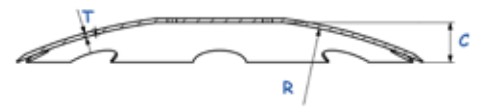
* Suitable for Degelman

** OEM Code : 143563

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-DG-06	560	160	135	55-65		12			6	10,9

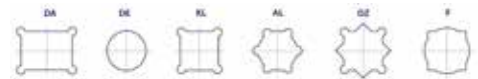
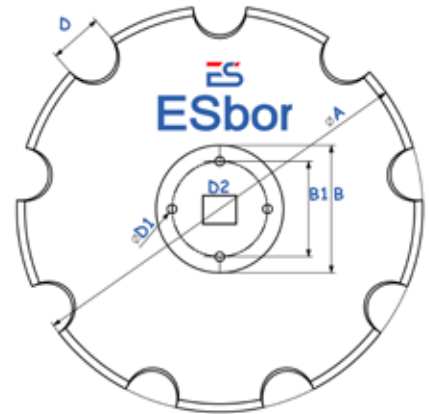
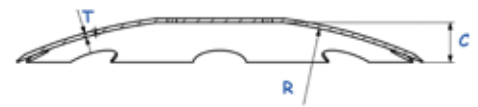
* Suitable for Degelman

** OEM Code : 143566

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-DG-07	560	160	135	55-65	40-45	12			6	10,9

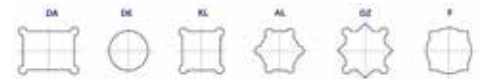
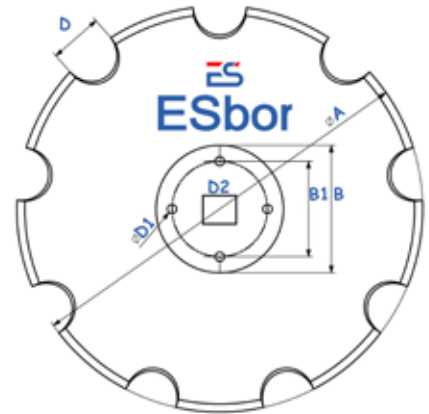
* Suitable for Degelman

** OEM Code : 143566

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-DP-01	315						20DE		5	2,85

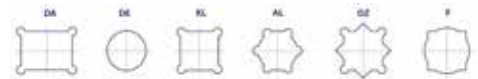
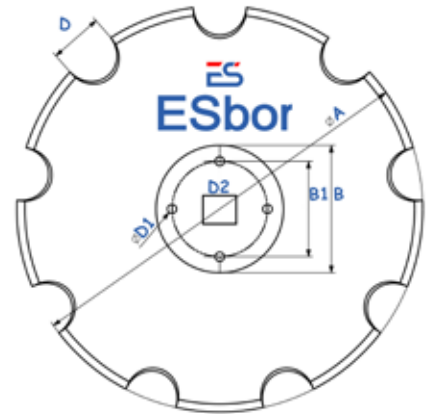
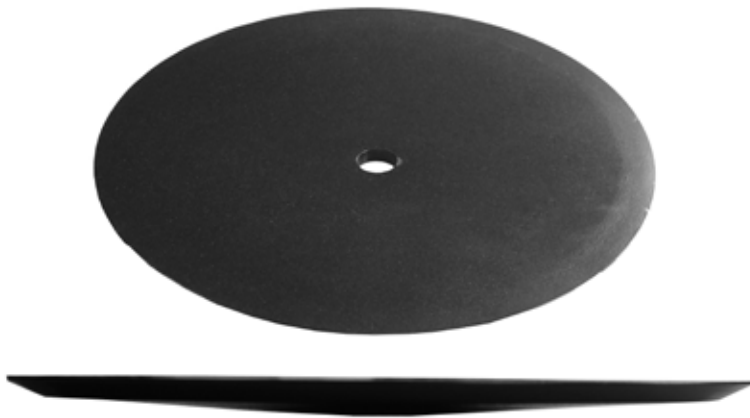
* Suitable for Duport

** OEM Code :

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-DP-02	280			8,5			20DE	800	8	4,35

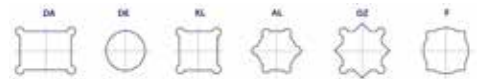
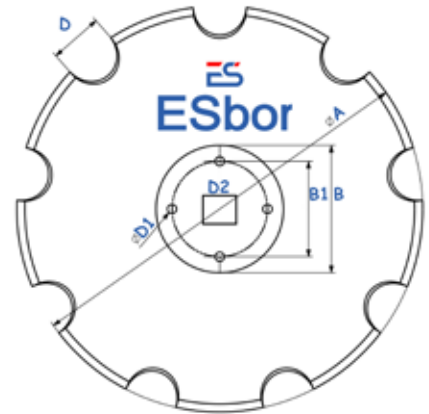
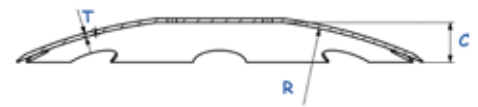
* Suitable for Duport

** OEM Code :1938.11.80-01

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-GM-01	510	152	115	55-60	67	12,5	60,5 DE		5	6,56

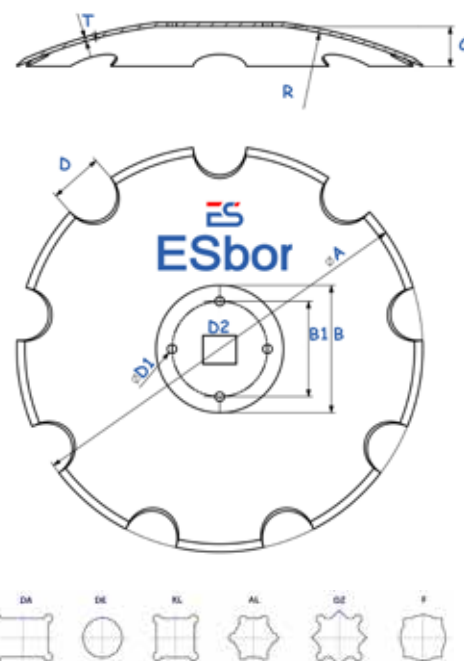
* Suitable for Gaspardo - Maschio

** OEM Code : 258513 / M35700202

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-GM-02	320		75			6,5	35 DE		3,5	2,1

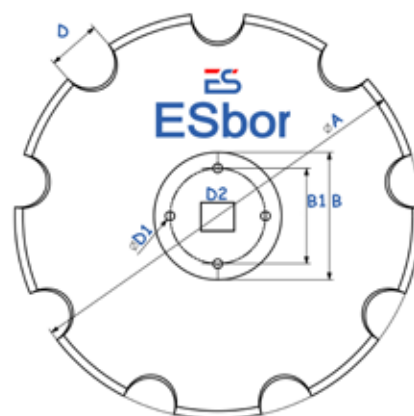
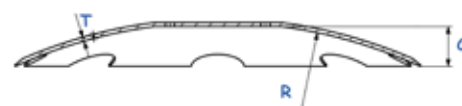
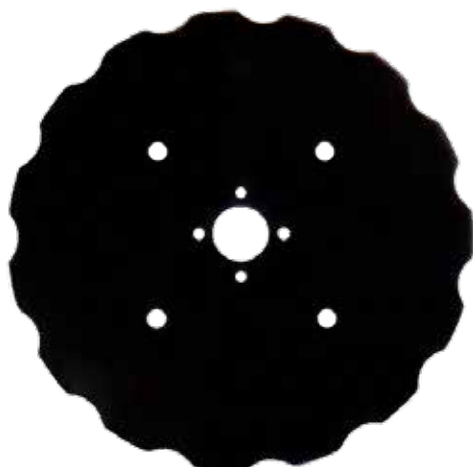
* Suitable for Gaspardo - Maschio

** OEM Code : 17940910 / G17940910R

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-GM-03	477	240	85		35	13	35 DE		6	7,47

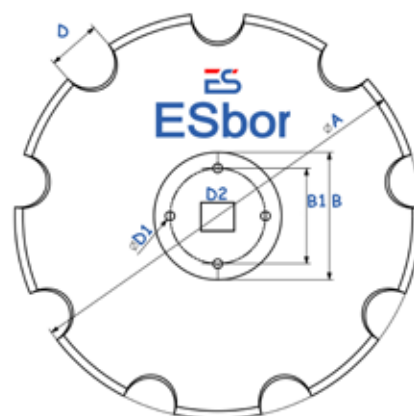
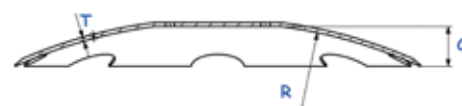
* Suitable for Gaspardo - Maschio

** OEM Code : G15320012

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-GM-04	610	210	161	95	67	13			6	15,75

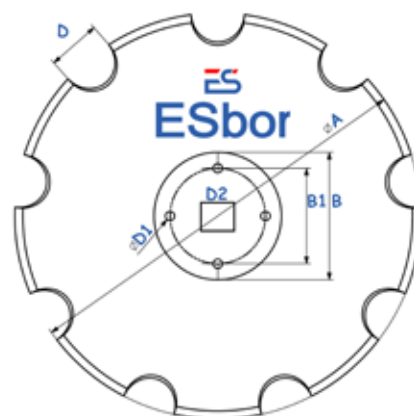
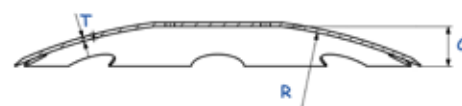
* Suitable for Gaspardo - Maschio

** OEM Code : R18127471

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-GM-05	510	160	98	54	67	12,5			5	6,75

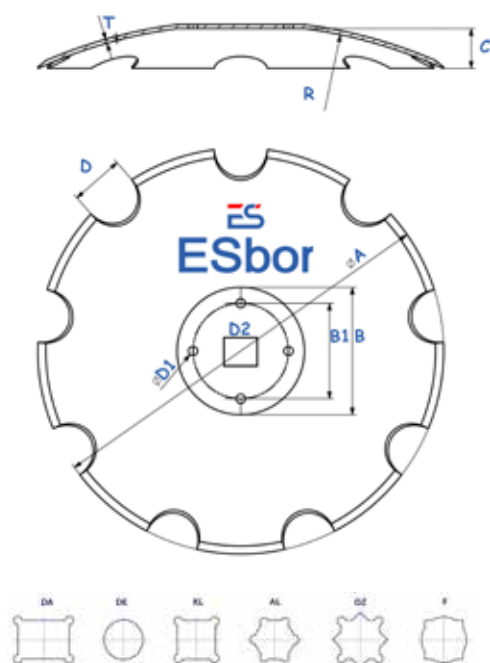
* Suitable for Köckerling - Maschio / Gaspardo - Farmet - Bednar

** OEM Code : 910964 - M65700201 / M65400214 - 9002598 / 3007653 - KM060174

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-HR-01	460	125	97	45		14			4	5,2

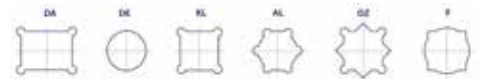
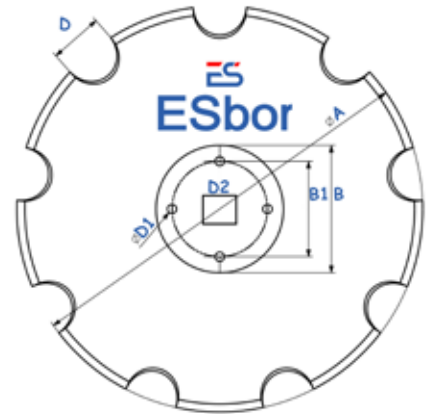
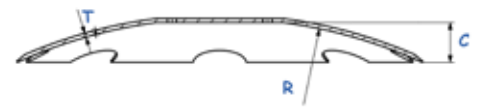
* Suitable for Horsch (Coulter Disc)

** OEM Code : 24251103

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-HR-02	520	143	105	52	87	12,5			6	8,8

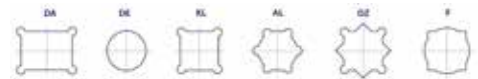
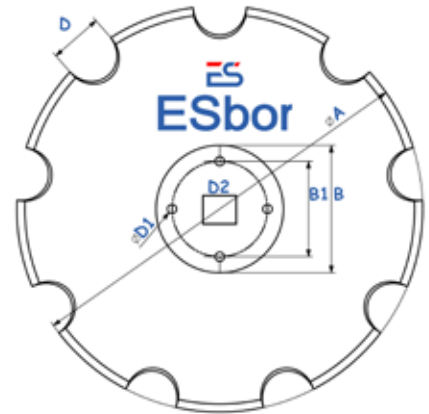
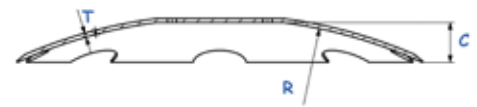
* Suitable for Horsch Joker

** OEM Code : 28071305

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-HR-03	340	73-130	39-60	20		12,5			3,5	2,3

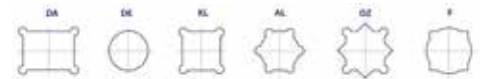
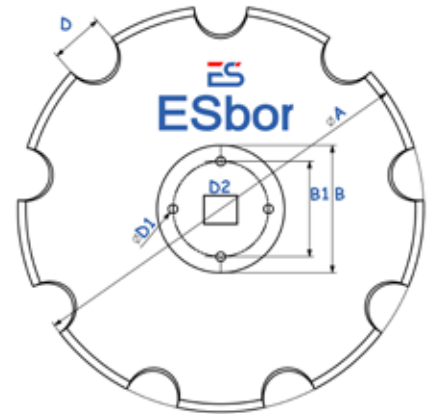
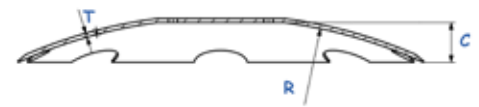
* Suitable for Horsch Pronto (Seed Coulter Disc)

** OEM Code : 23010201

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-HR-04	460	160	98	50	82	13			4	5,3

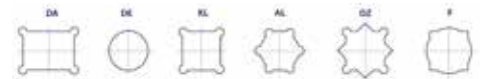
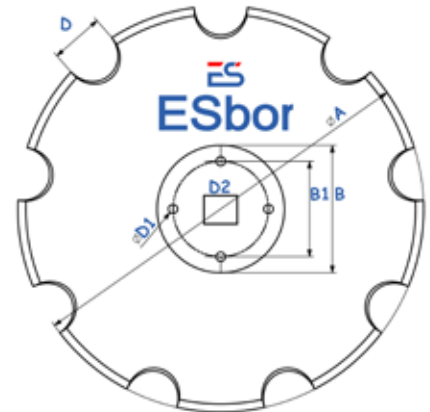
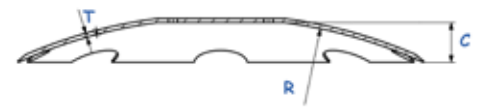
* Suitable for Horsch Pronto (Seed Coulter Disc)

** OEM Code : 2324610

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-JD-01	381		73,5			6,5	30DE		3,5-4	3,1-4

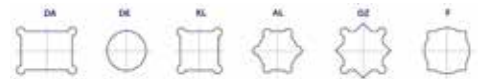
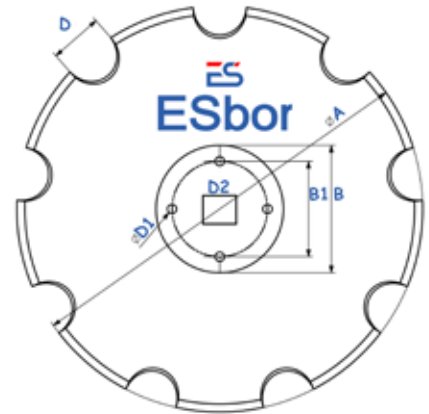
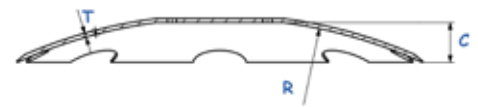
* Suitable for John Deere

** OEM Code : AA65248-A71827-AA65219

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-JD-02	610					6,5	33,8OZ		6	15,1

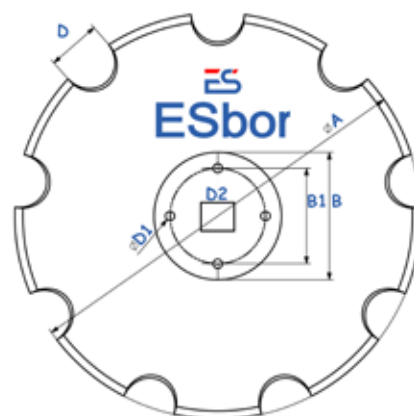
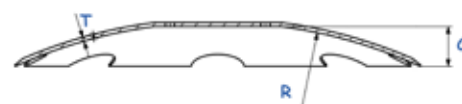
* Suitable for John Deere

** OEM Code : B35606

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-JD-03	342,9	68,4	47,7			6,5	11,8	32,1	3-3,5	2-2,75

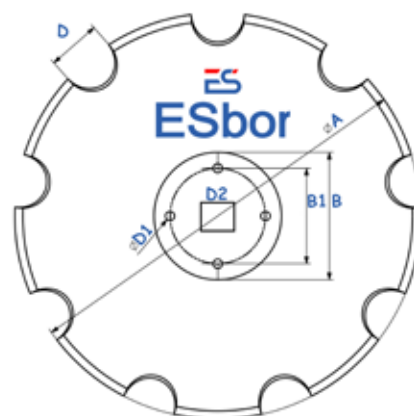
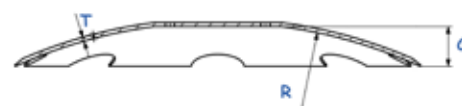
* Suitable for John Deere

** OEM Code : N283805

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-JD-04	460		112			10	77DE		5	6,25

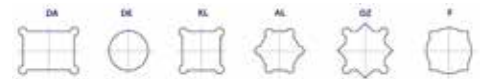
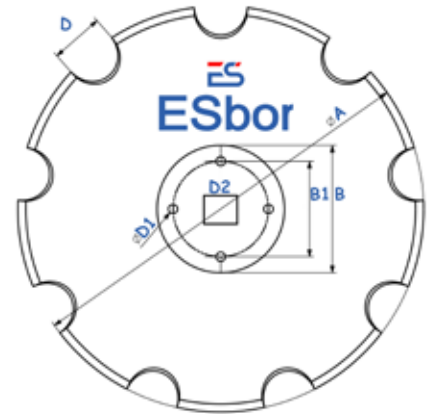
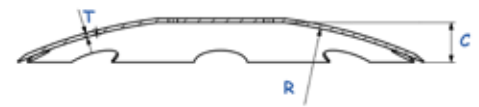
* Suitable for John Deere

** OEM Code : N283804

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-KH-01	510	155	112	40	52	11,5			5	8,5

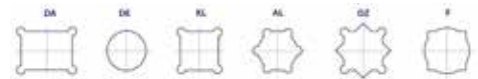
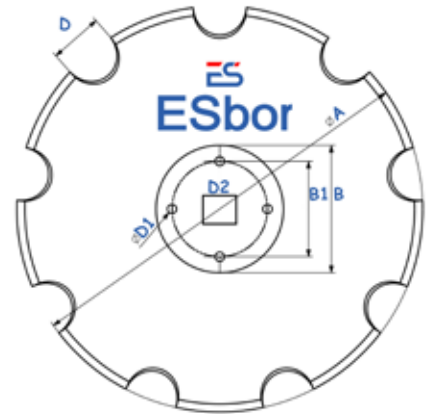
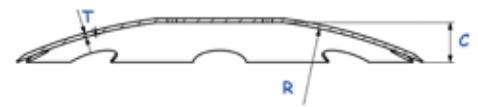
* Suitable for Kuhn Optimer

** OEM Code : H2234350

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-KH-02	510	160	100	50	35	11,3			6	8,8

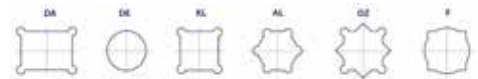
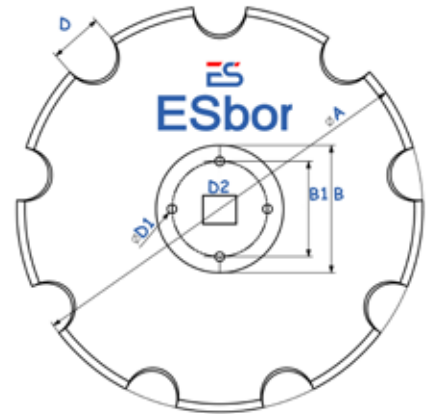
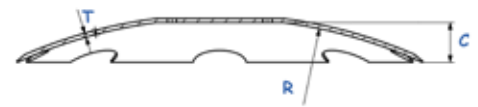
* Suitable for Kuhn Optimier

** OEM Code : H2234360

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-KVL-01	500		100		35	12,5			5	7,1

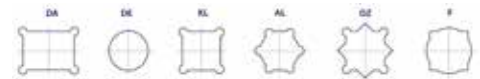
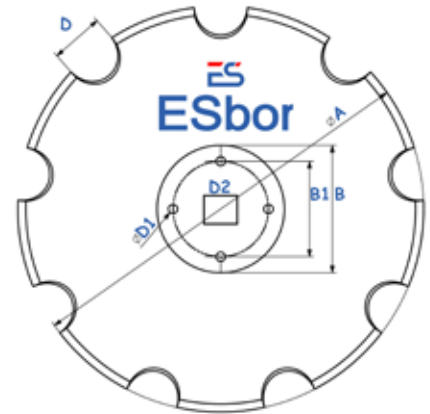
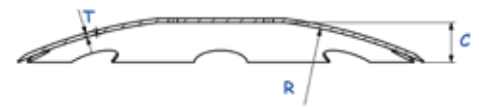
* Suitable for Kverneland

** OEM Code : KK076410

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-KVL-02	470		100		35	10,5	55DE		5	6,55
ES-KVL-03	508		100		35	10,5	55DE		5	8

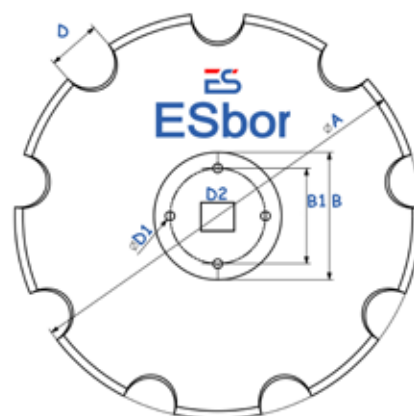
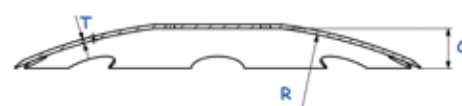
* Suitable for Kverneland

** OEM Code : KK056116 - KK076409R

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-LMK-01	450		100	60		10,5			5	6,2

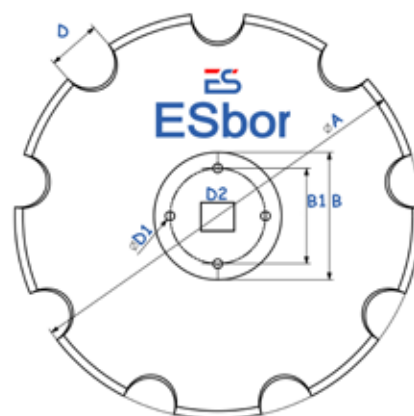
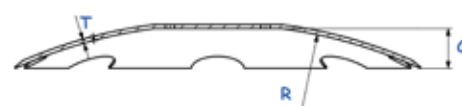
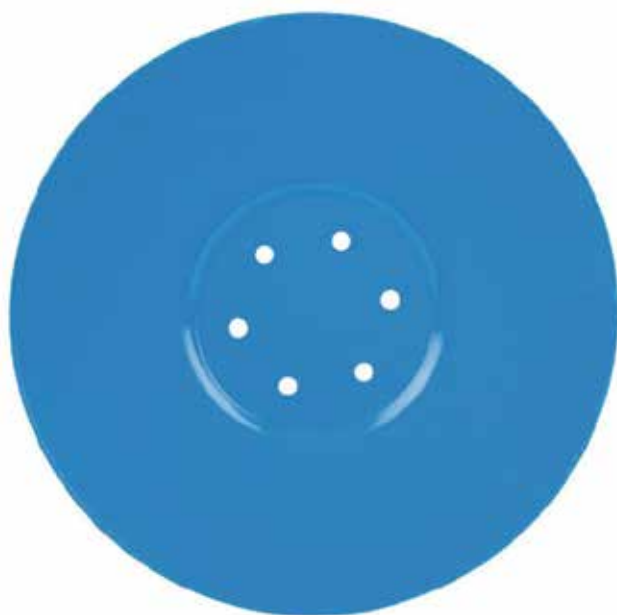
* Suitable for Lemken

** OEM Code : 3490459

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-LMK-02	380		100	40		10,5			5	4,4

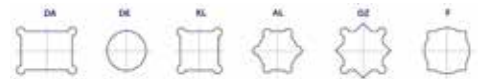
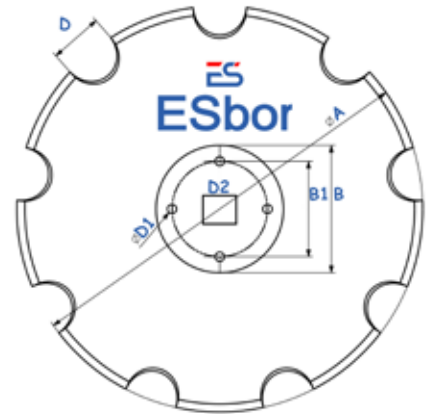
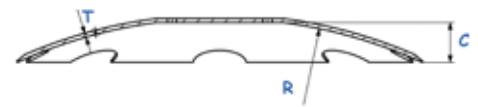
* Suitable for Lemken

** OEM Code : 3490460

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-LMK-03	350	120	60			10,5		8,5	3	2,5

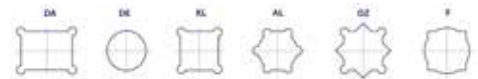
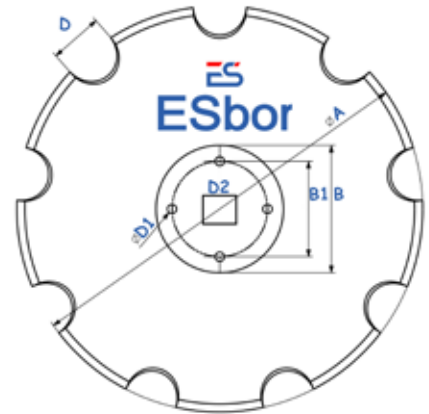
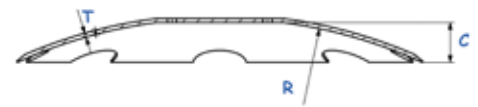
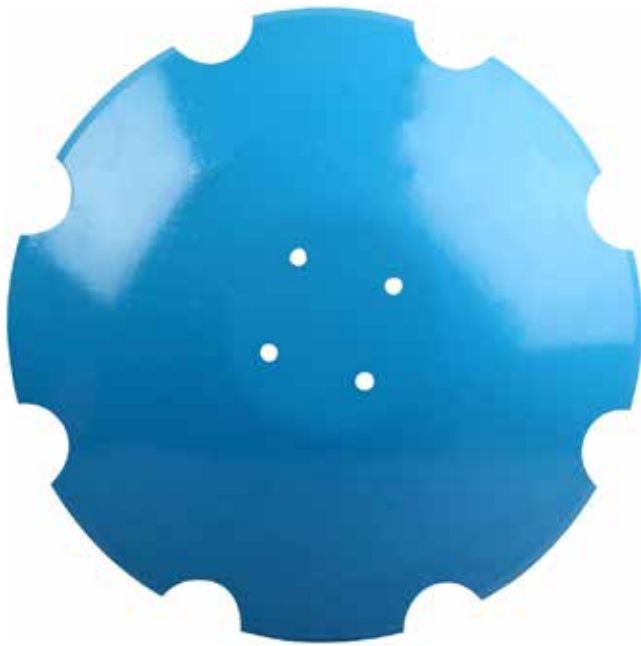
* Suitable for Lemken

** OEM Code : 34910010

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-LMK-03	510	160	105	55	67	12,5		613	5	8,5

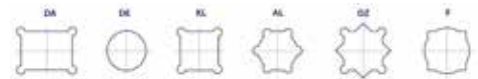
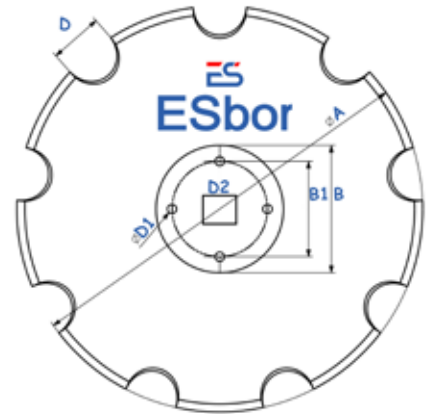
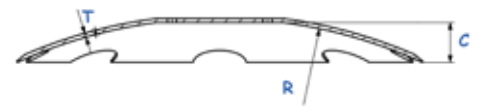
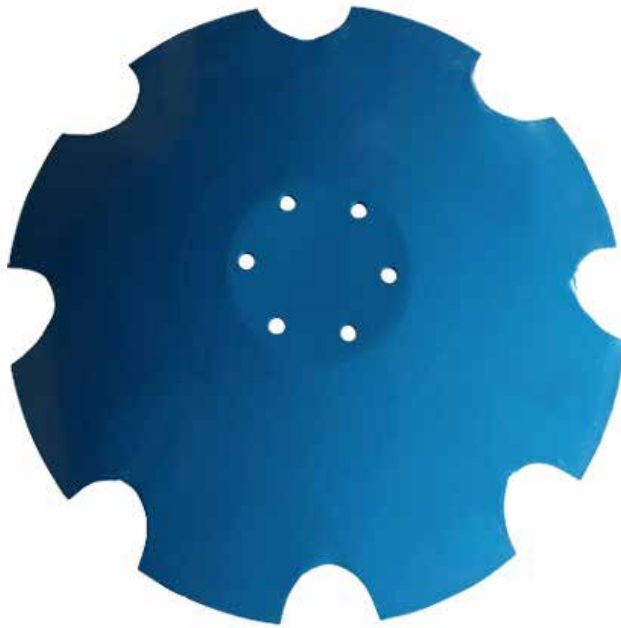
* Suitable for Lemken Heliodor

** OEM Code : 34910027

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-LMK-04	462	130	100	41	67	10,5			5	6,1

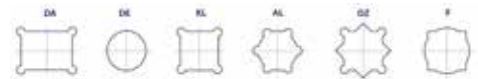
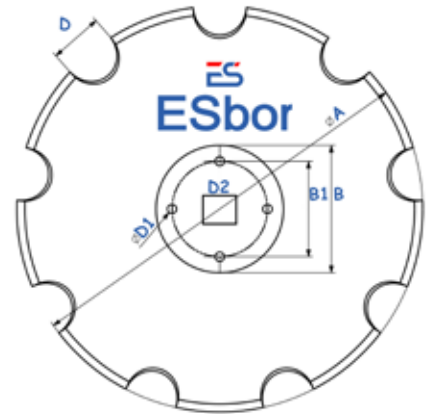
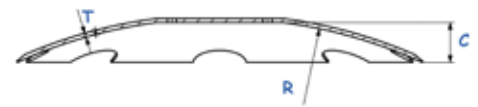
* Suitable for Lemken Heliodor

** OEM Code : 3490471

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-LMK-05	610	170	130	66	67	13			6	13,5

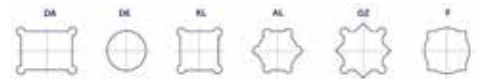
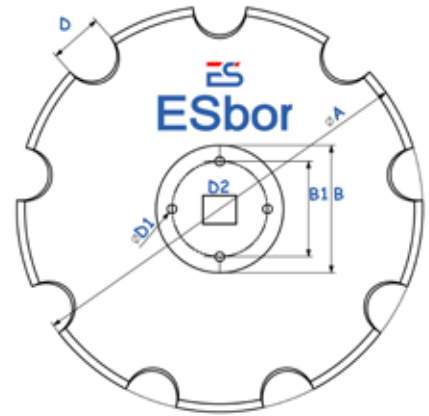
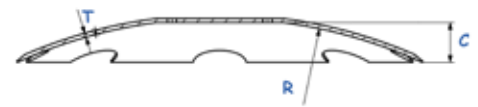
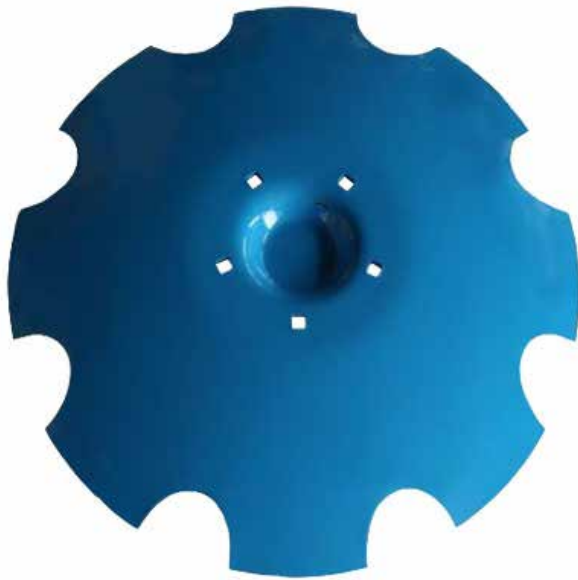
* Suitable for Lemken Rubin until 2014

** OEM Code : 3490466

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-LMK-06	620	230	160	60	67	12,5			6	13,2

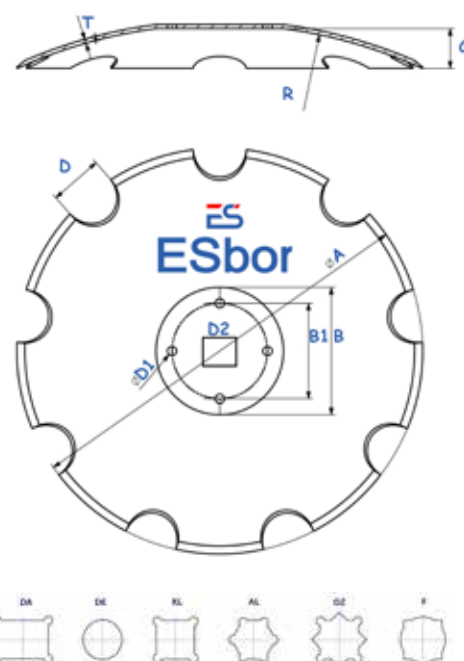
* Suitable for Lemken Rubin as from 2014

** OEM Code : 3490467

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-LMK-07	645	230	155	66	67	12,5			6	14,1

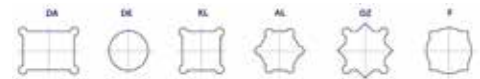
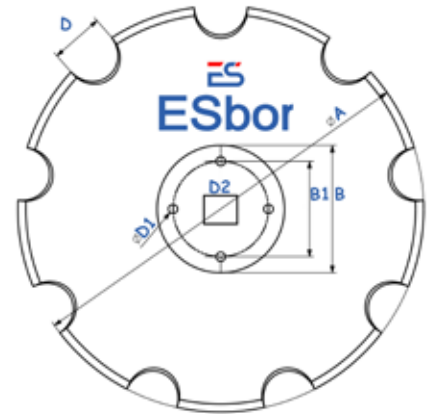
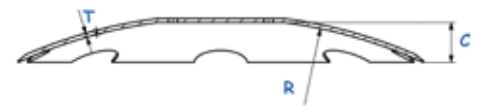
* Suitable for Lemken Rubin

** OEM Code : 34910029 - 34910031

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-SLF-01	508		133,4			13,5	101,6DE		4	6,65

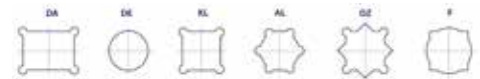
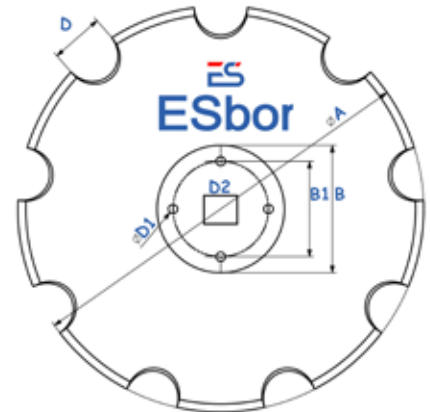
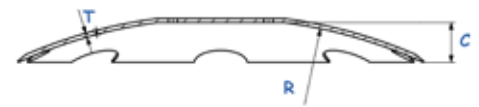
* Suitable for Salford Coulter Disc

** OEM Code : CT5020R - 10010701

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-SLF-01	508	180	133,4			13,5	101,6DE		4	6,65

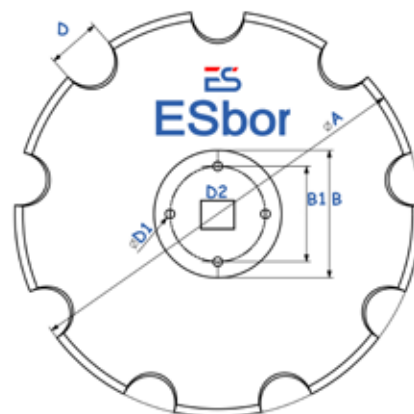
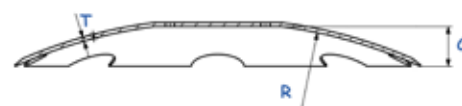
* Suitable for Salford Coulter Disc

** OEM Code : CT5020R - 10010701

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VDS-01	432	170	98	24	20	12,5			5	5,6

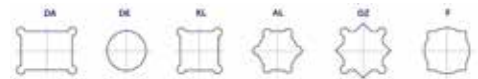
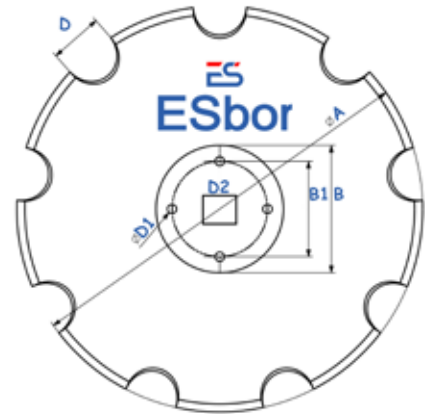
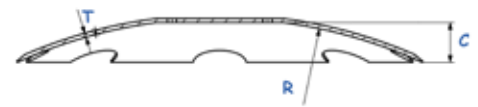
* Suitable for Vaderstad (TopDown - Carrier 925-1225 - Carrier 925-1225 XL - Carrier XL 425)

** OEM Code : 444687 - 459608

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VDS-02	410		104		20	12,5			5	4,8

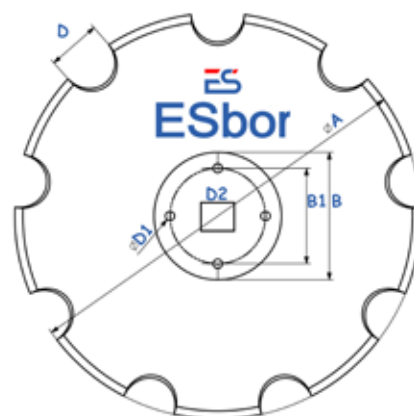
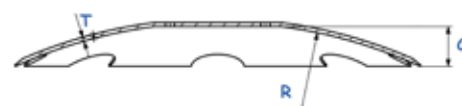
* Suitable for Vaderstad (Rapid 300-400 C/S - Rapid 600-800 C)

** OEM Code : 451371

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VDS-03	400		104	16	20	12,5			4,5	4,3

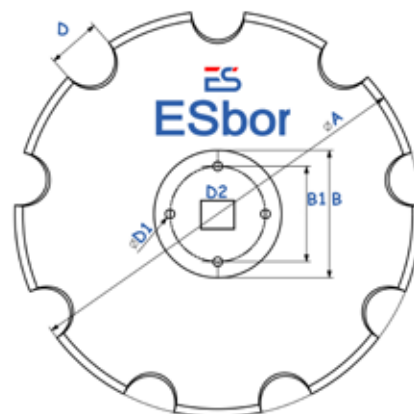
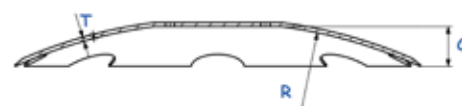
* Suitable for Vaderstad (Rapid 300-400 C/S - Rapid 600-800 C)

** OEM Code : 423578 / 423573 / 305580 / 444567 / 451371

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VDS-04	405	170	104		20	12,5			4,55	4,25

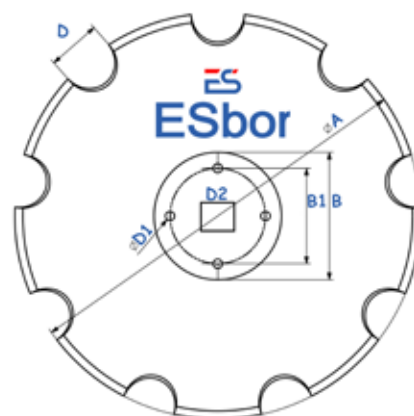
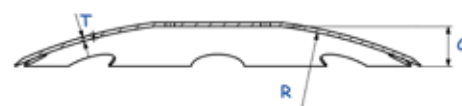
* Suitable for Vaderstad (Rapid 300-400 C/S - Rapid 600-800 C)

** OEM Code : 423574 / 444568 / 451372

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VDS-05	450	170	98		20	12,5			5	6,1

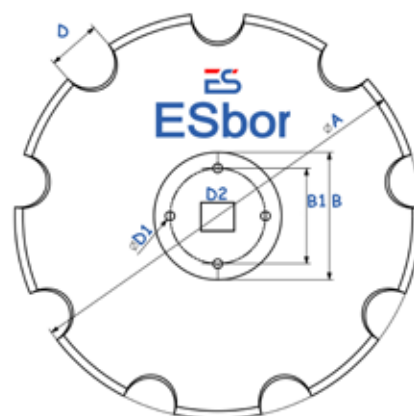
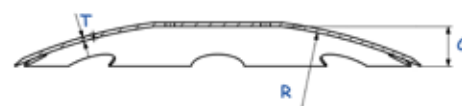
* Suitable for Vaderstad (TopDown - Carrier L/XL 425-825 - Rapid 300-400 C/S - Spirit 400 C - Spirit 400-900 S)

** OEM Code : 466947

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VDS-06	410	140	100	15	20	12,5	72 DE		5	4,6

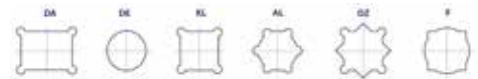
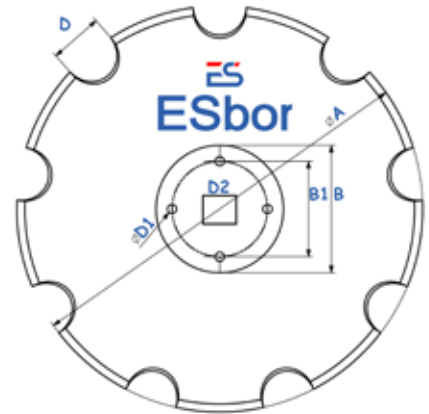
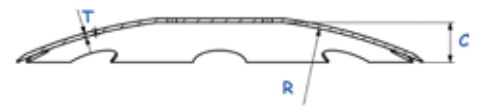
* Suitable for Vaderstad (TopDown - Carrier L/XL 425-825 - Rapid 300-400 C/S)
- Kverneland

** OEM Code : AC353950

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VUN-01	450	180	98	18	35	12,5			5	6,15

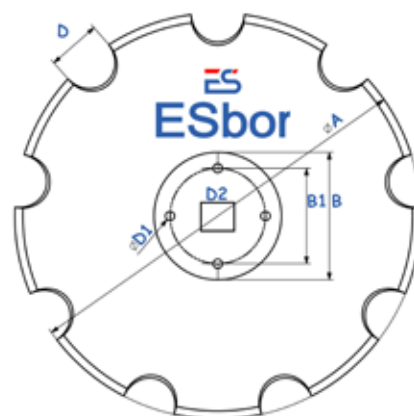
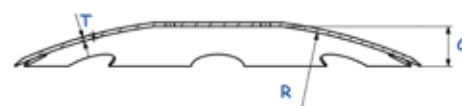
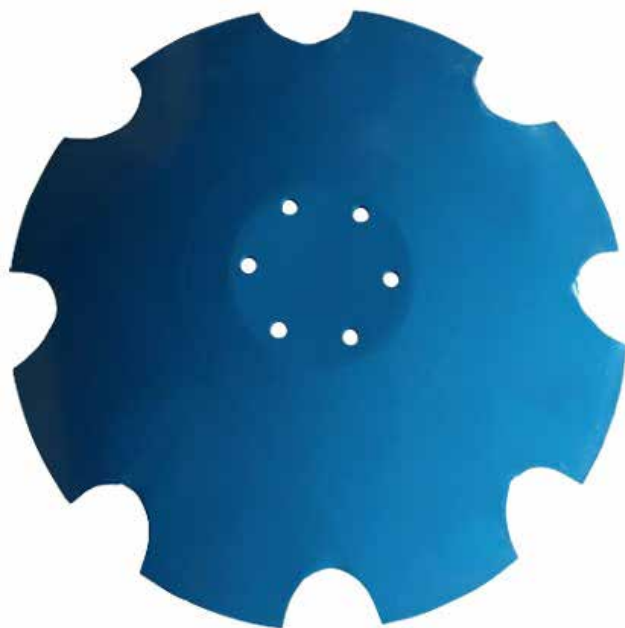
* Suitable for Vogel u Noot (VN TerraDisc)

** OEM Code : 9031.13.29/2

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VUN-02	510	170	98	39	67	12			5	6,9

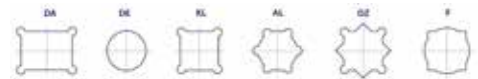
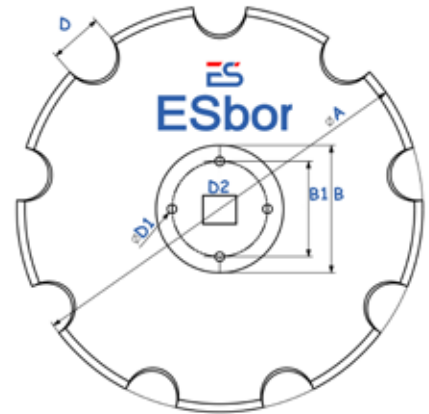
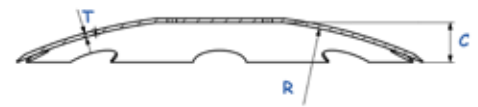
* Suitable for Vogel u Noot

** OEM Code : R2320401

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VUN-03	510	170	98	28	20	12,5			5	7,25

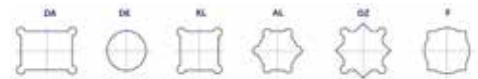
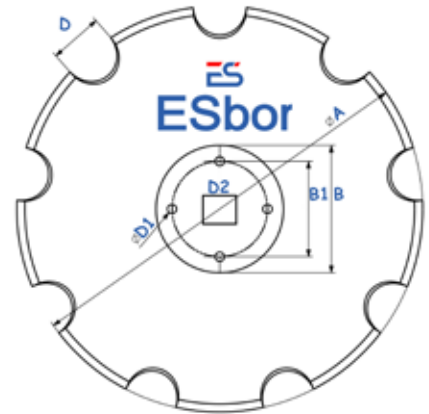
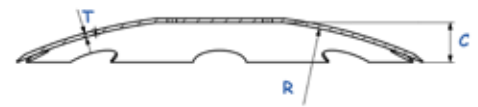
* Suitable for Vogel u Noot

** OEM Code : RA132406

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	D2 (mm)	R (mm)	T (mm)	KG
ES-VUN-04	510	190	98	25	20	13			5	6,95

* Suitable for Vogel u Noot

** OEM Code : VNCV008008

*** Boron Steel

**** Hardness : 50 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)

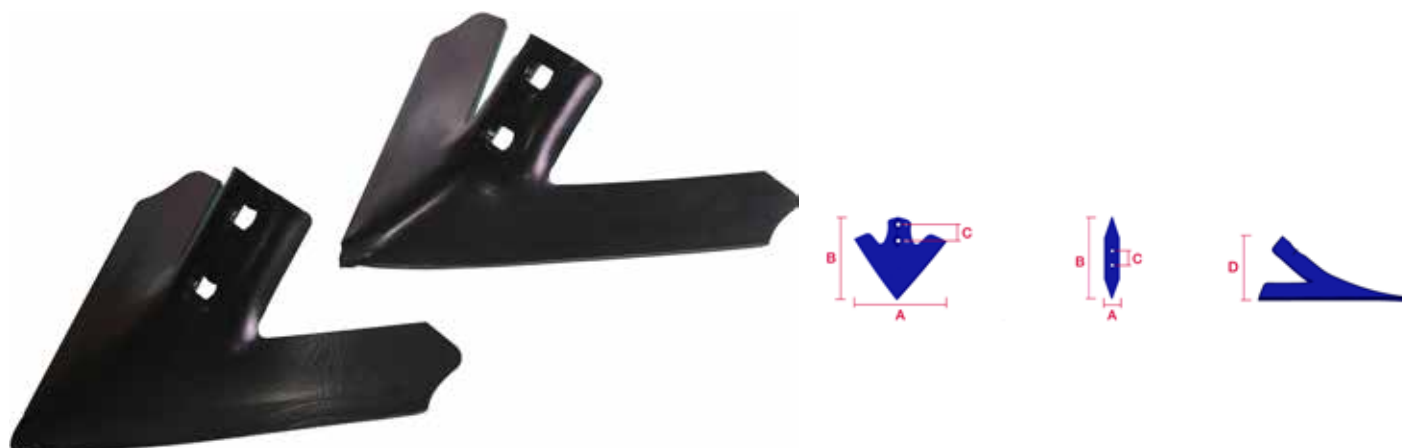
Özellikler /Specifications/ Технические характеристики

TR- Kültivatör - Çapa uçları, ısıt işlem kullanılarak garanti edilen 48 +/-2 HRc sertlik seviyesiyle Boron çeliğinden yapılmaktadır. Bu yüksek sertlik seviyesi, uçlara esneklik ve darbe direnci sağlayarak şokları absorbe etmelerini ve kırılmadan dayanmalarını mümkün kılar. Sonuç olarak, çapa uçlarımız en zorlu toprak koşullarında bile daha uzun ömürlüdür.

EN-Cultivator points are crafted from Boron steel, which is heat-treated to ensure a guaranteed hardness level of 48 +/-2 HRc. This high level of hardness provides the points with both flexibility and impact resistance, allowing them to absorb shocks without breaking. As a result, our cultivator points have a longer lifespan, even when used in the most severe soil conditions.

RU-Культиваторные наконечники изготовлены из бористой стали, которая подвергается термообработке для обеспечения гарантированного уровня твердости 48 +/-2 HRc. Этот высокий уровень твердости обеспечивает наконечникам гибкость и устойчивость к ударам, что позволяет им поглощать удары, не ломаясь. В результате наши культиваторные наконечники обладают более длительным сроком службы, даже при использовании в самых суровых почвенных условиях.





KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-131A	152,5	178	43-47	85	6	1,12
ES-KC-131B	178	178	43-47	85	6	1,26
ES-KC-131C	203,2	178	43-47	85	6	1,34
ES-KC-131D	229	178	43-47	85	6	1,43
ES-KC-131E	254	178	43-47	85	6	1,5
ES-KC-131F	279,4	178	43-47	85	6	1,6
ES-KC-131G	305	178	43-47	85	6	1,75

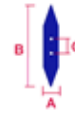
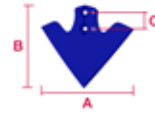
*** Suitable for John Deere**

**** OEM Code : N 182042-40 / 15027 / 47C6BK7**

***** Boron Steel**

****** Hardness : 48 ± 2 HRc.**

******* Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)**



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-129A	153	229	43-47	105	6	1,15
ES-KC-129B	178	229	43-47	105	6	1,27
ES-KC-129C	203,2	229	43-47	105	6	1,38
ES-KC-129D	229	229	43-47	105	6	1,48
ES-KC-129E	254	229	43-47	105	6	1,58
ES-KC-129F	279,4	229	43-47	105	6	1,71
ES-KC-129G	305	229	43-47	105	6	1,81

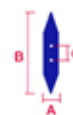
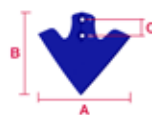
* Suitable for John Deere

** OEM Code : N331105 / 15028 / 47UW6B7

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-130A	153	229	43-47	90	6	1,15
ES-KC-130B	178	229	43-47	90	6	1,27
ES-KC-130C	203,2	229	43-47	90	6	1,38
ES-KC-130D	229	229	43-47	90	6	1,48
ES-KC-130E	254	229	43-47	90	6	1,58
ES-KC-130F	279,4	229	43-47	90	6	1,71
ES-KC-130G	305	229	43-47	90	6	1,81

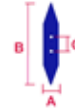
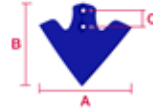
*** Suitable for Universal**

**** OEM Code :**

***** Boron Steel**

****** Hardness : 48 ± 2 HRc.**

******* Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)**



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-135A	330	280	56	120	6	2,1
ES-KC-135B	305	270	56	120	6	2

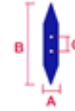
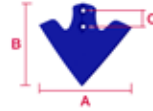
* Suitable for Universal

** OEM Code : 15050

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-136A	230	200	45	100	6	1,4
ES-KC-136B	260	200	45	100	6	1,45
ES-KC-136C	330	200	45	100	6	1,55

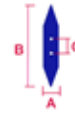
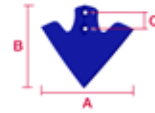
* Suitable for Kongskilde

** OEM Code : 105000486 / 1599

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-137	280	210	45	100	6	1,4
ES-KC-137B	335	275	45	100	6	2,1

* Suitable for Universal

** OEM Code : 1513

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-138A	220	260	43-47	105	8	1,7
ES-KC-138B	265	280	43-47	90-125	8	2,02
ES-KC-138C	290	250	43-47	100	8	2,5
ES-KC-138D	310	285	43-47	110	8	2,65
ES-KC-138E	340	280	43-47	110	8	2,8
ES-KC-138F	360	280	43-47	100-110	8	3

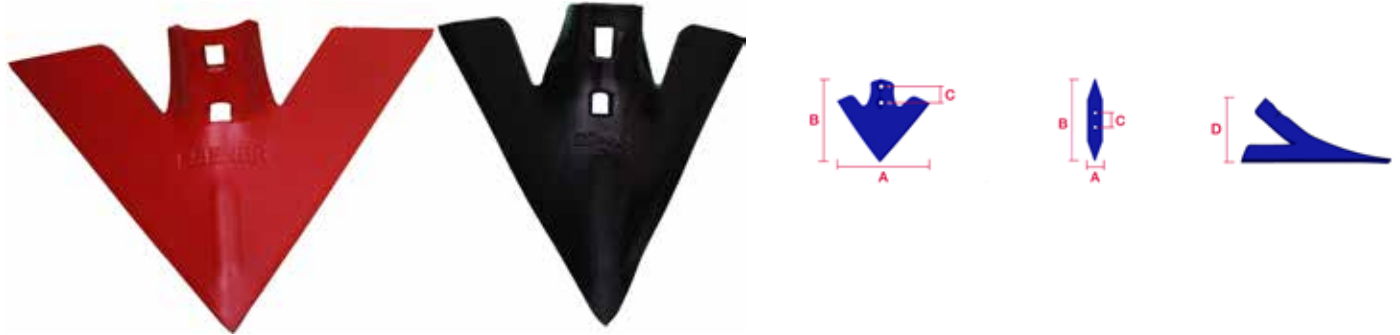
* Suitable for Universal

** OEM Code :

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-139A	280	280	43-47	100	8	2,02
ES-KC-139B	360	270	43-47	105	8	3

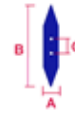
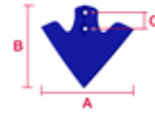
* Suitable for Universal (Esener etc.)

** OEM Code :

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-140	370	260	60-70	110	8	3,2

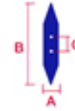
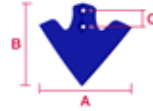
* Suitable for Universal

** OEM Code :

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-141	65	365	60-70		14	2,2

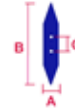
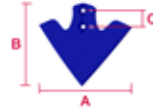
* Suitable for Universal

** OEM Code :

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-142	60	280	43-52		12	2

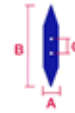
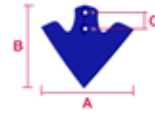
* Suitable for Universal

** OEM Code :

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-143A	60	330	43-52		10	2,1
ES-KC-143A	60	380	43-52		10	2,5

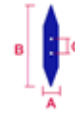
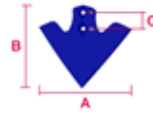
* Suitable for Universal

** OEM Code :

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-144	52	300	43-47		7	1,2

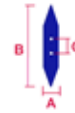
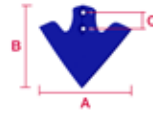
* Suitable for Universal

** OEM Code : 504009 s tines points 70x12

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-145	52	254			6	0,9

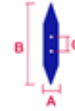
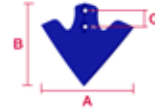
* Suitable for Universal

** OEM Code : 302019 s tines points 45x12

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-146A	37	190			5	0,5
ES-KC-146B	39	180			5	0,5
ES-KC-146C	36	170			5	0,5

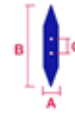
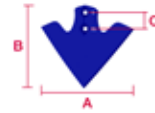
* Suitable for Universal

** OEM Code : S tines points 32x12

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-147A	105	100		53	4	0,5
ES-KC-147B	125	115		53	4	0,6
ES-KC-147C	150	145		53	4	0,7

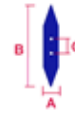
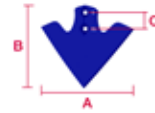
* Suitable for Universal

** OEM Code : S tines points 302006-07

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	KG
ES-KC-148A	125	145		53	4	0,6
ES-KC-148B	125	145		53	4	0,6
ES-KC-148C	150	145		53	4	0,75

* Suitable for Universal

** OEM Code : S tines points 302006-07

*** Boron Steel

**** Hardness : 48 ± 2 HRc.

***** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)

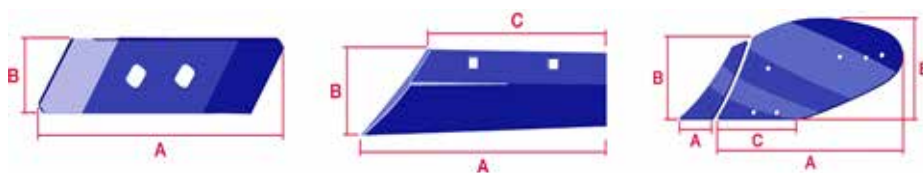
Özellikler /Specifications/ Технические характеристики

TR- Pulluk parçaları, ısıt işlem kullanılarak garanti edilen 48 +/-2 HRc sertlik seviyesiyle Boron çeliğinden yapılmaktadır. Bu yüksek sertlik seviyesi, uçlara esneklik ve darbe direnci sağlayarak şokları absorbe etmelerini ve kırılmadan dayanmalarını mümkün kılar. Sonuç olarak, çapa uçlarımız en zorlu toprak koşullarında bile daha uzun ömürlüdür.

EN- Plough parts are crafted from Boron steel, which is heat-treated to ensure a guaranteed hardness level of 48 +/-2 HRc. This high level of hardness provides the points with both flexibility and impact resistance, allowing them to absorb shocks without breaking. As a result, our cultivator points have a longer lifespan, even when used in the most severe soil conditions.

RU- части плуга наконечники изготовлены из бористой стали, которая подвергается термообработке для обеспечения гарантированного уровня твердости 48 +/-2 HRc. Этот высокий уровень твердости обеспечивает наконечникам гибкость и устойчивость к ударам, что позволяет им поглощать удары, не ломаясь. В результате наши культиваторные наконечники обладают более длительным сроком службы, даже при использовании в самых суровых почвенных условиях.

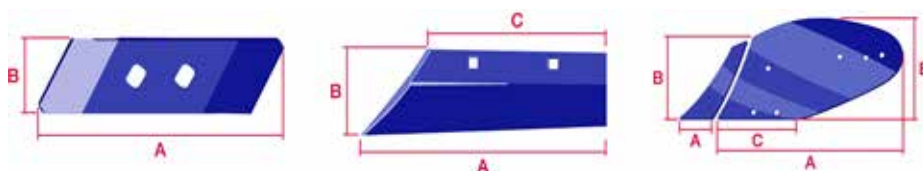




Suitable For Esener

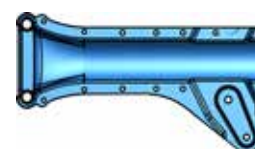
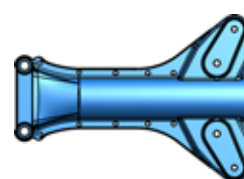
KOD/CODE	A(mm)	B(mm)	C(mm)	T(mm)	KG
ES-PUL-01	300-330	90	170	14	2,2
ES-PUL-4A	380	130	275	10	3,3
ES-PUL-6A	470	125	270	12	3,2
ES-PUL-6B	510	125	250	12	3,8
ES-PUL-7A	700	125	500	12	4,5
ES-PUL-23	115	285		7-8	1,4
ES-PUL-9A	500	130	290	10-12	3,5-4
ES-PUL-11A	600	130	370	10-12	4,5-4,8
ES-PUL-10A	530	130	325	10-12	4-4,5

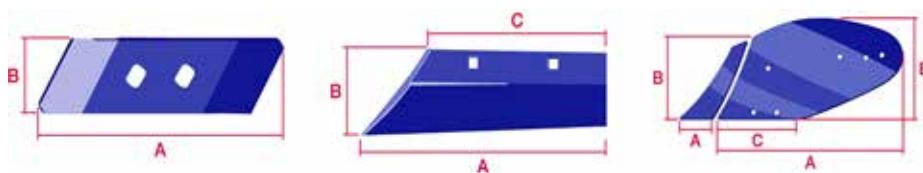




Suitable For Esener

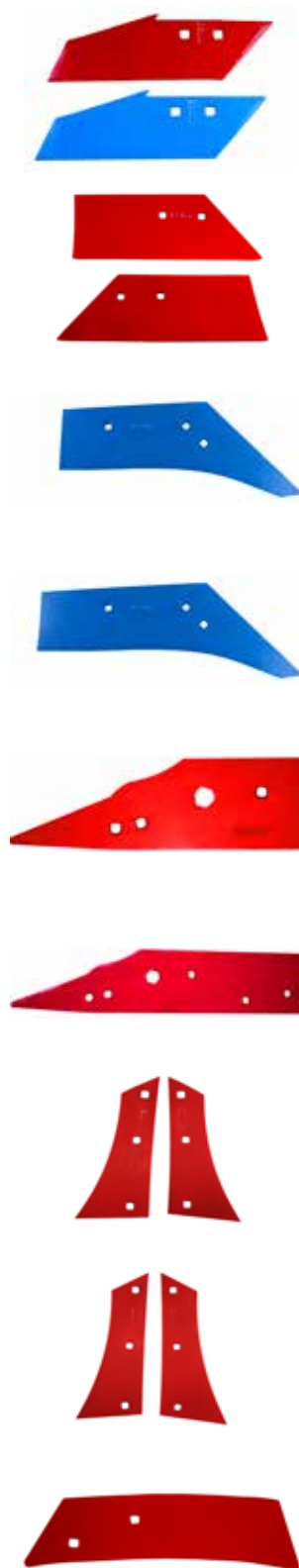
KOD/CODE	A(mm)	B(mm)	C(mm)	T(mm)	KG
ES-PUL-17A	690	330	220	7-8	8,5-9,2
ES-PUL-19A	780	380	250	7-8	12-13,5
ES-PUL-18A	670	330	220	7-8	9,8-10,5
ES-PUL-18B	800	380	250	7,8	13,5-15
ES-PUL-22A	560	250	200	10	10,5
ES-PUL-27	Pulluk Yay Kovanı / Plough Spring Box / Плуг пружинная коробка			7	35
ES-PUL-26	Pulluk Yay Kovanı / Plough Spring Box / Плуг пружинная коробка			7	31
ES-PUL-25A	460	150		8	6,5
ES-PUL-33	Pulluk Bağlantı / Plough Linkage / Плуг связь			30-40-50	20-25-35

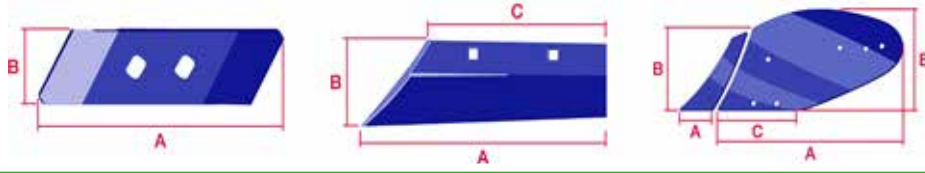




Suitable For Ünlü

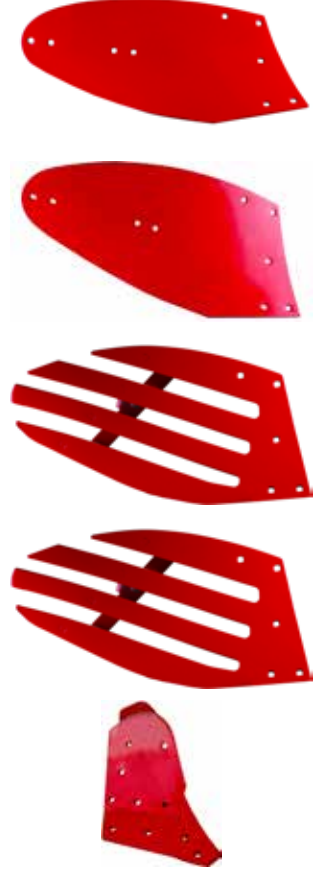
KOD/CODE	A(mm)	B(mm)	C(mm)	T(mm)	KG
ES-PUL-03	350	100		14	2,2
ES-PUL-4B	385-445-480	135	270-295-355	10	3,3-3,7-4
ES-PUL-13A	540	250	360	12	4
ES-PUL-13B	590	250	360	12	4,2
ES-PUL-6B	415	125	170	12	3,25
ES-PUL-7B	600	125	360	12	5,7
ES-PUL-9B	135	280		7-8	1,4-1,7
ES-PUL-9C	140	300		7-8	1,5-1,8
ES-PUL-25A	410	130	325	10	4





Suitable For Ünlü

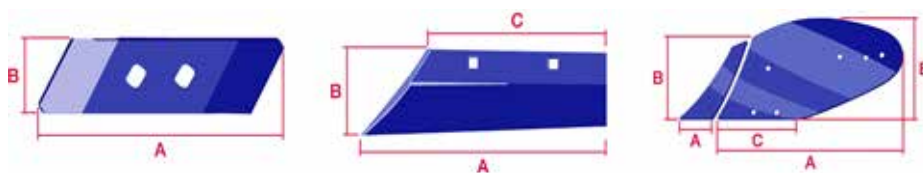
KOD/CODE	A(mm)	B(mm)	C(mm)	T(mm)	KG
ES-PUL-17B	690	330	220	7-8	8,5-9,2
ES-PUL-19B	780	380	250	7-8	12-13,5
ES-PUL-18C	670	330	220	7-8	9,8-10,5
ES-PUL-18D	800	380	250	7,8	13,5-15
ES-PUL-22B	560	250	200	10	10,5



Suitable For Turan - Şakalak

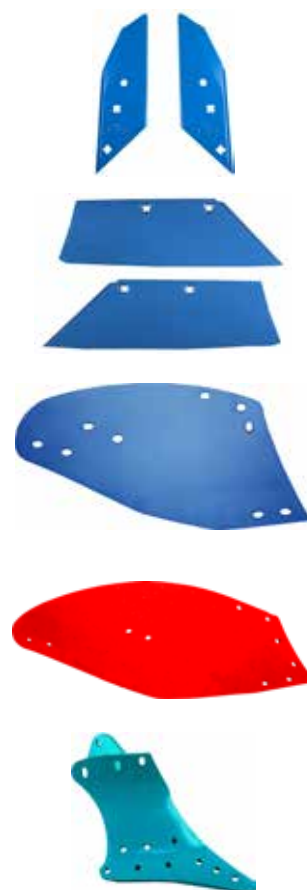
KOD/CODE	A(mm)	B(mm)	C(mm)	T(mm)	KG
ES-PUL-9B	500	130	290	10-12	3,5-4
ES-PUL-11B	600	130	370	10-12	4,5-4,8
ES-PUL-10B	530	130	325	10-12	4-4,5





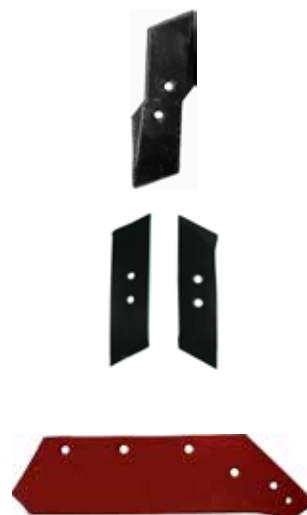
Suitable For Lemken

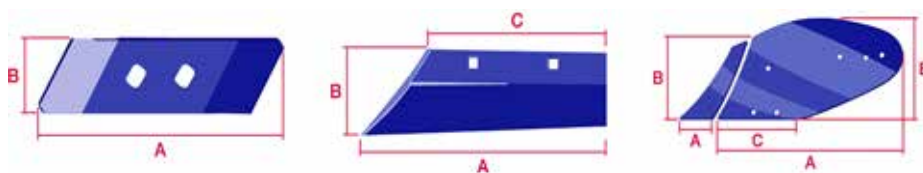
KOD/CODE	A(mm)	B(mm)	C(mm)	T(mm)	KG
ES-PUL-34	335	100		14	2,2
ES-PUL-35	490	145	320	10	3,6
ES-PUL-36A	780	380	250	7-8	12-13,5
ES-PUL-37A	1100	400	550	8	19
ES-PUL-22C	560	250	200	10	10,5



Suitable For Kuhn

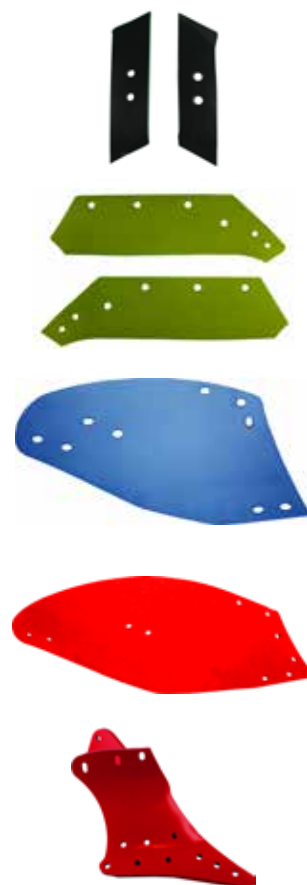
KOD/CODE	A(mm)	B(mm)	C(mm)	T(mm)	KG
ES-PUL-14A	296	100		12	2
ES-PUL-14B	278-305	70-85		12	2
ES-PUL-15A	624	162	375	10	6,5





Suitable For Kverneland

KOD/CODE	A(mm)	B(mm)	C(mm)	T(mm)	KG
ES-PUL-14C	278-305	70-85		12	2
ES-PUL-15B	565	170	375	10	6,5
ES-PUL-36B	780	380	250	7-8	12-13,5
ES-PUL-37B	1100	400	550	8	19
ES-PUL-22D	560	250	200	10	10,5



Suitable For Oliver - Bulgarian - Europe

KOD/CODE	A(mm)	B(mm)	C(mm)	T(mm)	KG
ES-PUL-16C	590	200	360	10	4,2
ES-PUL-16B	505	150	375	10	4
ES-PUL-16A	550	128	408-380	10	4,8



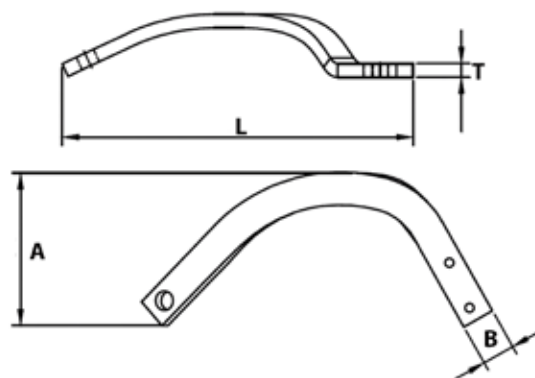
Özellikler /Specifications/ Технические характеристики

TR- Bileklerimiz özel yay çeliğinden üretilmektedir. Özel ısıt işlemleri sayesinde kalıp üzerinde şekil verilip sonrasında yağda soğutulmaktadır.

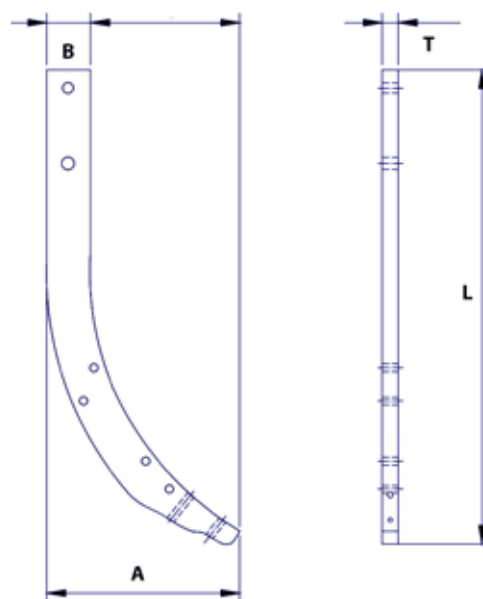
EN- Our tines are crafted from a special type of spring steel that undergoes a unique heat treatment process, where it is molded to shape and then rapidly cooled using oil

RU- Наши зубья изготавливаются из специальной пружинной стали. Благодаря особым технологиям термической обработки, они приобретают форму на форме, а затем охлаждаются в масле.





KOD/CODE	A (mm)	B (mm)	L (mm)	T (mm)	KG
ES-B1	230	50	565	22	7,2
ES-B1A	280	60	642	25	9,1

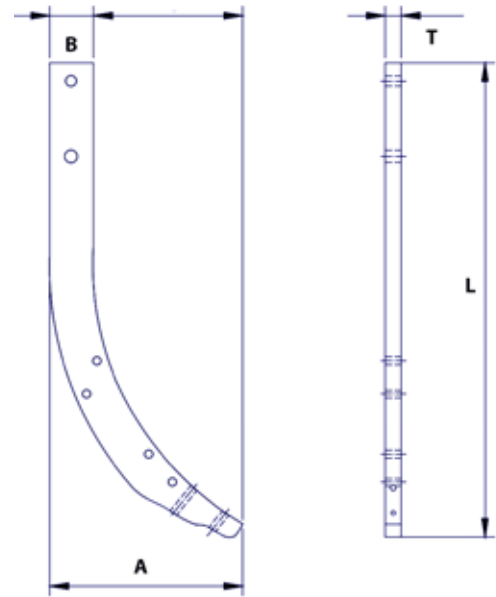


KOD/CODE	A (mm)	B (mm)	L (mm)	T (mm)	KG
ES-B2	600	50	600	30	8,7
ES-B2A	600	55	600	30	9,2

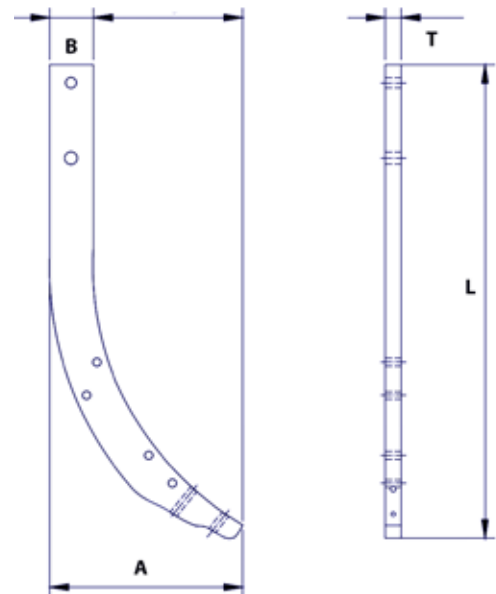
* Suitable for Universal

** Spring Steel

*** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	L (mm)	T (mm)	KG
ES-B3	600	90	700	35	29

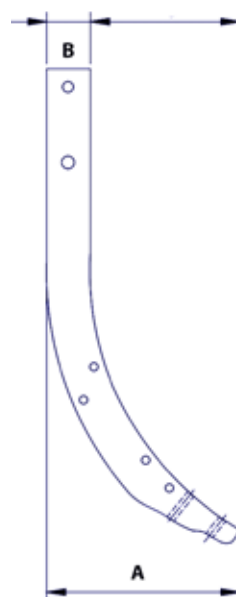


KOD/CODE	A (mm)	B (mm)	L (mm)	T (mm)	KG
ES-B4	555	100	555	30	15

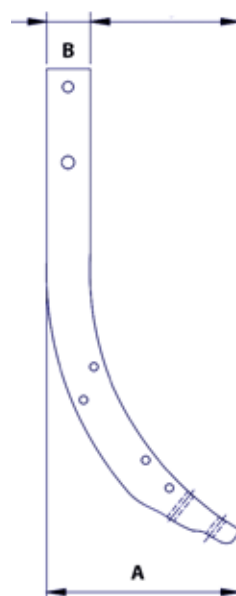
* Suitable for Universal

** Spring Steel

*** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	L (mm)	T (mm)	KG
ES-B5A	310	90	50	30	12
ES-B5A	310	90	59	30	15

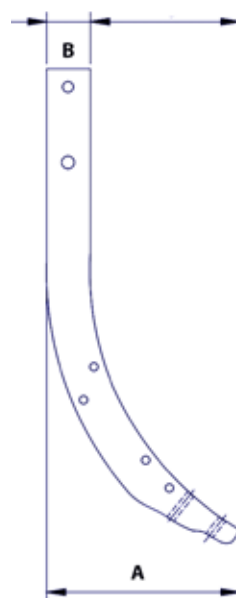


KOD/CODE	A (mm)	B (mm)	L (mm)	T (mm)	KG
ES-B6	310	70-80	755	25	12

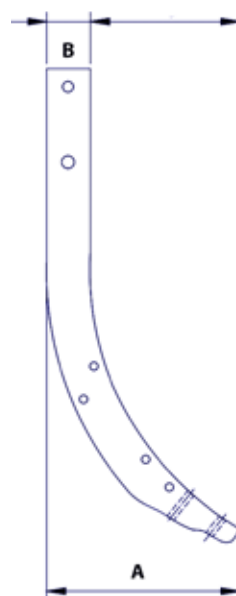
* Suitable for Universal

** Spring Steel

*** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)



KOD/CODE	A (mm)	B (mm)	L (mm)	T (mm)	KG
ES-B7	130	60	730	25	8,3



KOD/CODE	A (mm)	B (mm)	L (mm)	T (mm)	KG
ES-B8	130	60	730	25	9,85

* Suitable for Universal

** Spring Steel

*** Ral 3020 Red - Ral 5015 Blue - Ral 9005 Black(Powder Painting)

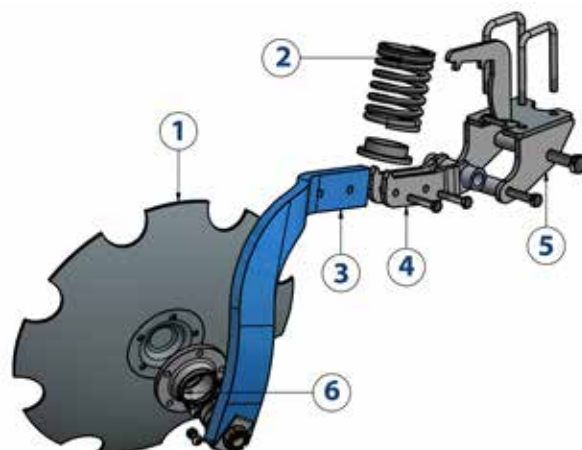
Özellikler /Specifications/ Технические характеристики

TR- Komponentler modüler sisteme sahiptir. Kolay montaj yapılır. Üreticiler için hızlı ve kaliteli bir üretim süreci sağlar.

EN- Thanks to their modular design, these components can be assembled quickly and easily, streamlining the manufacturing process and ensuring high-quality results for manufacturers

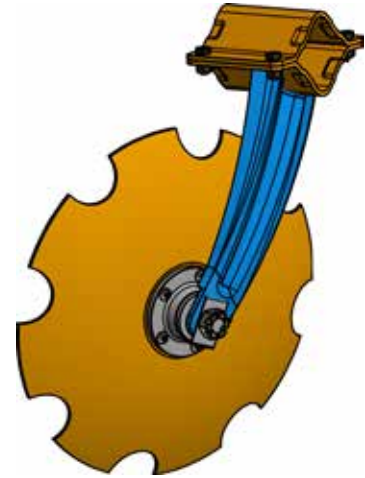
RU- Благодаря модульной системе компонентов, их легко собирать, что обеспечивает быстрый и качественный производственный процесс для производителей.





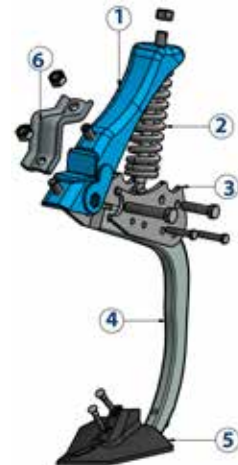
KOD/CODE	Özellikler / Specifications / Характеристики	KG
ES-BDT	Bağımsız Diskli Set/ Automatic Disc Harrow Set / Автоматический навесной дисковый боронный комплекс	41





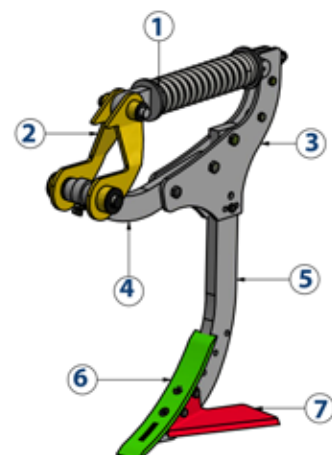
KOD/CODE	Özellikler / Specifications / Характеристики	KG
ES-PDT	Bağımsız Diskli Set/ Automatic Disc Harrow Set / Автоматический навесной дисковый боронный комплекс	35





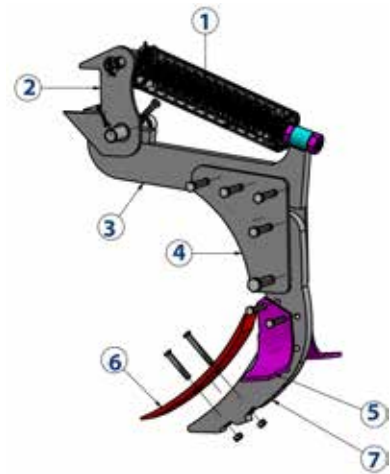
KOD/CODE	Özellikler / Specifications / Характеристики	KG
ES-JKS	Kültivatör Set/ Cultivator Set /Набор культиваторов	32





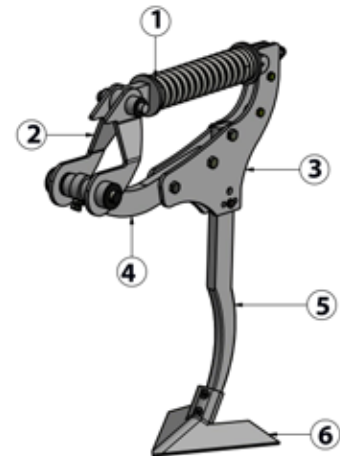
KOD/CODE	Özellikler / Specifications / Характеристики	KG
ES-ZCK	Zıpkın Model Çizel Pulluk Set/ Automatic Chisel Plough Zıpkın Model Set / Набор автоматических долот для плужной обработки стандартной модели	53





KOD/CODE	Özellikler / Specifications / Характеристики	KG
ES-OÇK	Standart Çizel Pulluk Set/ Automatic Chisel Plough Standart Model Set / Набор автоматических долот для плужной обработки стандартной модели	62
ES-YOÇK	Yüksek Ayaklı Çizel Pulluk Set/ Automatic Chisel Plough Big Model Set / Набор автоматических долот для плужной обработки большой модели	75





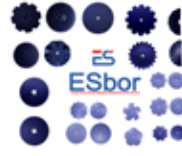
KOD/CODE	Özellikler / Specifications / Характеристики	KG
ES-KAZ	Kültivatör Set/ Cultivator Set /Набор культиваторов	41



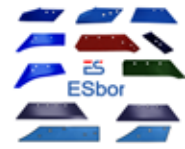


KOD/CODE	Özellikler / Specifications / Характеристики	KG
ES-KPK	Klasik Pulluk / Plough Set / Плужовой набор	63





ES ESbor



Adres / Address :Gölveren Mahallesi Nasrettin Hoca Bulvarı No:49
Polatlı / Ankara / Türkiye



E-mail :info@es-bor.com



Website : www.es-bor.com



T : +90 532 178 61 59

