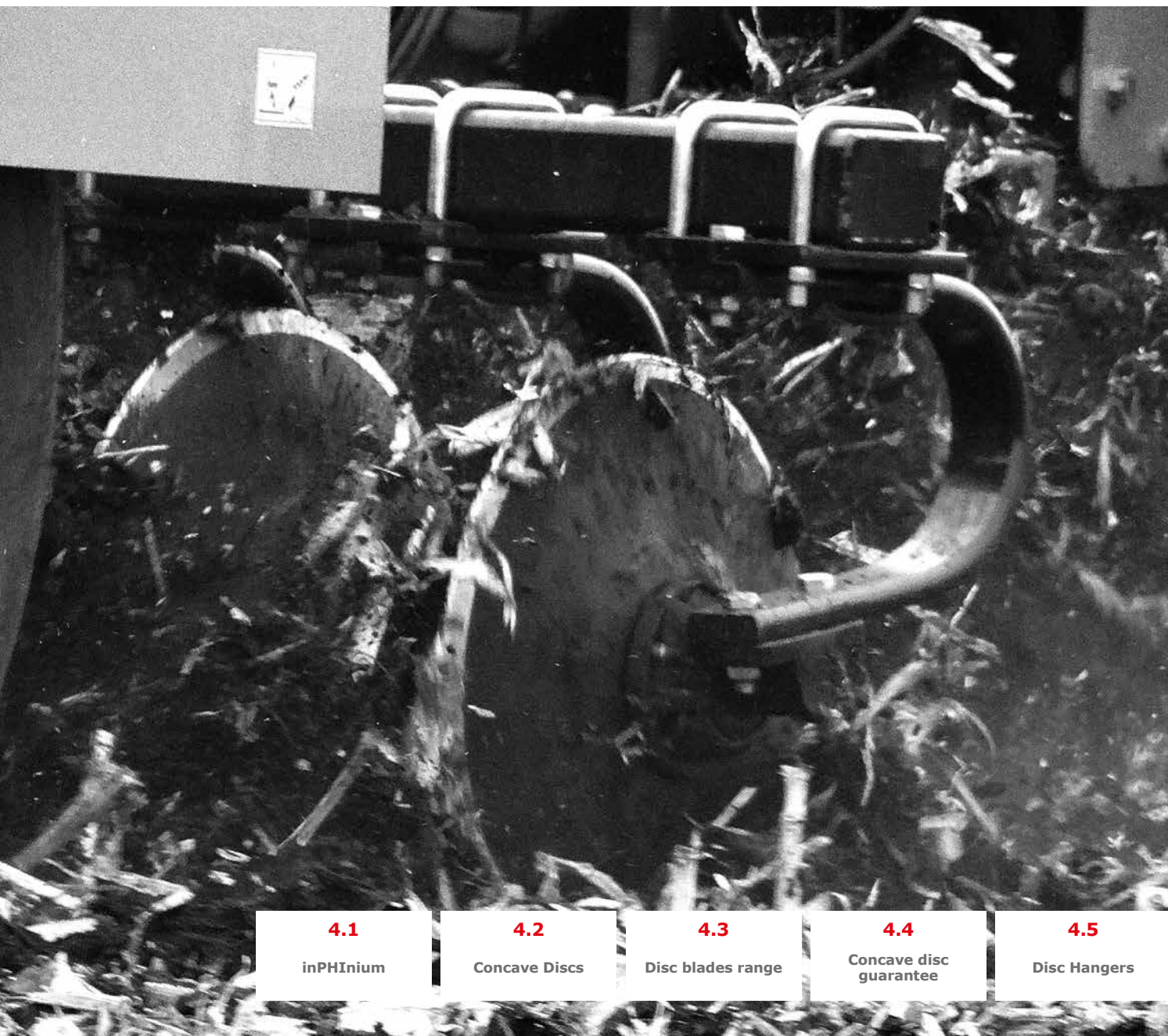


4

DISC HARROW



4.1

inPHInium

4.2

Concave Discs

4.3

Disc blades range

4.4

Concave disc
guarantee

4.5

Disc Hangers

1

PLANTERS AND SEED DRILL

2

CURVED SUBSOILER

3

CULTIVATOR

4

DISC HARROW

5

PLOUGH

inPHInium disc:

The disc with the longest lifespan without breaking on the market

The harder a disc is, the less tough it is. A disc is considered to be tough when it passes the ball test. With the new steel and special Borodur® treatment, *BELLOTA* has developed an inPHInium disc with the perfect balance of hardness and toughness.

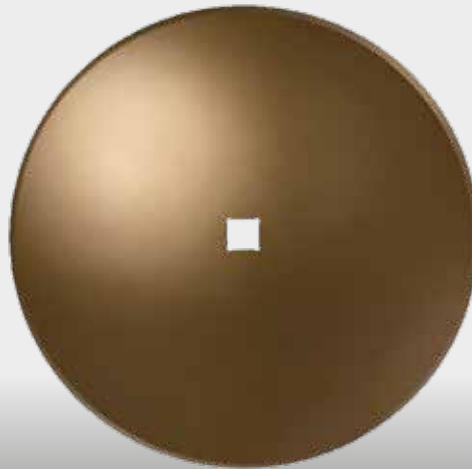
All inPHInium discs have a hardness of 54 +/-2 HRc and pass the ball test.
The perfect balance between maximum durability without breakage.

55 HRc.
200 kg/mm²

Ball Test
APPROVED



Perfect Balance



Range adapted to the requirements of each customer





CONCAVE DISCS

212



CONICAL DISCS

213



FLAT CENTRE DISCS

214



FLAT BACK CENTRE DISCS

215



1958 VT-REX

216



1947 VT-REX

217



1933 VT-REX

218



1992 VORTEX

219



1927 VORTEX

220



1957 VORTEX

221



1905 CE KIRAI

222



1906 LUR

223



1926 TERRAMAX

224

1

PLANTERS AND SEED DRILL

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CURVED SUBSOILER

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CULTIVATOR

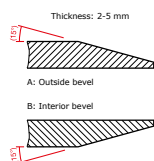
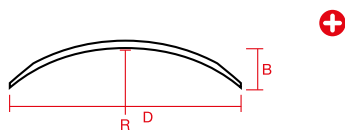
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DISC HARROW

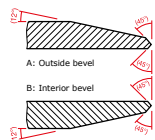
5

PLOUGH

CONCAVE DISCS



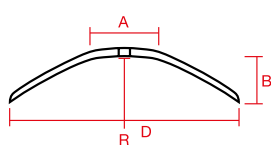
Thickness: 6-12 mm



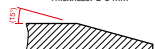
Ref.	R mm	Concavity	Ø 10	Ø 11	Ø 12	Ø 13	Ø 14	Ø 15	Ø 16	Ø 18	Ø 20	Ø 22	Ø 24	Ø 26	Ø 28	Ø 30	Ø 32	Ø 34	Ø 36
1942/1932	498	B mm							43	54	67	84	100	120	141				
		D mm							410	456	506	556	605	635	695				
1903/1913	545	B mm					29	39	49	61	76	90	110	127					
		D mm					353	413	457	508	560	607	656	704					
1904/1914	595	B mm	15				26	36	45	58	70	83	100	117	133				
		D mm	254				355	415	460	511	562	609	661	708	754				
1905/1915	620	B mm					26	34	43	53	67	80	96	112	128				
		D mm					356	416	460	512	565	612	664	711	752				
1906/1916	680	B mm	11	14	15	20	23	26	32	40	50	61	73	87	102	114	132		174
		D mm	254	281	303	331	357	377	419	463	515	567	616	670	722	762	814		915
1907/1917	722	B mm							30	37	46	57	67	81	94				
		D mm							417	462	512	567	614	668	718				
1948/1938	797	B mm						27	34	43	52	62	73	85	97	101,5	128	146	
		D mm						418	464	516	570	619	676	726	770	816	865	922	
1910/1920	983	B mm							22	28	35	43	50	60	70				
		D mm							420	465	519	574	624	680	733				

The first code has an outside bevel and the second code has an inside bevel.

CONICAL DISCS



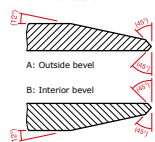
Thickness: 2-5 mm



A: Outside bevel

B: Interior bevel

Thickness: 6-12 mm



A: Outside bevel

B: Interior bevel



Ref.	R mm	Concavity	Ø 18	Ø 20	Ø 22	Ø 24	Ø 26	Ø 28	Ø 30	Ø 32	Ø 36
1971/1976	645	B mm	64	76	92	106	125	143			
		D mm	450	500	550	595	650	690			
1977	645	B mm		60	73	81	96	108	123	134	166
		D mm		502	557	602	637	707	765	820	910

1971: external bevel

1976 y 1977: inside bevel

1

PLANTERS AND SEED DRILL

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CURVED SUBSOILER

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CULTIVATOR

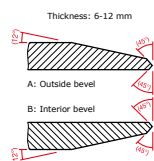
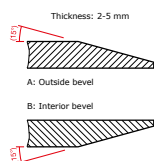
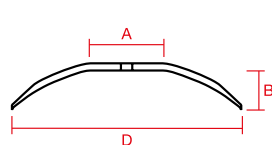
4

DISC HARROW

5

PLOUGH

FLAT CENTRE DISCS

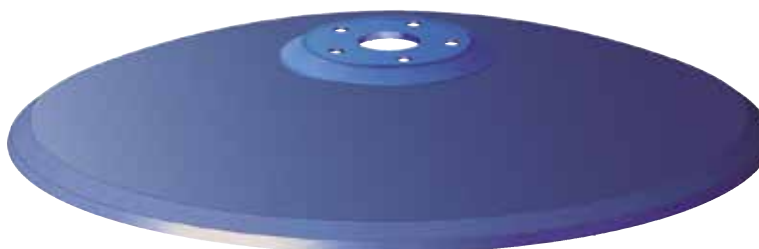
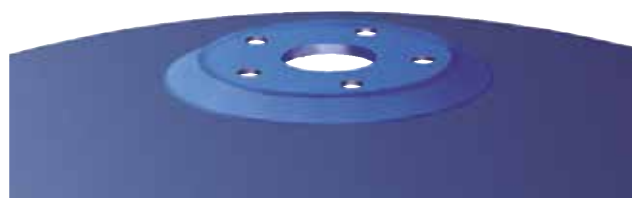
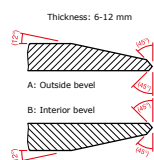
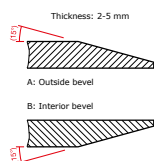
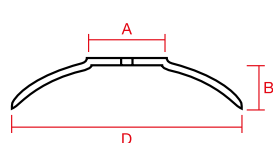


Ref.	A	Concavity	Ø 14	Ø 15	Ø 16	Ø 18	Ø 20	Ø 22	Ø 24	Ø 26	Ø 28	Ø 30	Ø 32
1951	178	B mm			28	36,5	47,5	62,5	72				
		D mm			417	462	513	566	610				
1964	110	B mm			37	47	58						
		D mm			414	439	510						
1965	130	B mm			36	45	56	70	84				
		D mm			415	460	511	563	609				
1953	155	B mm			15	21	29	39	49	62	76		
		D mm			421	466	518	572	620	674	724		
1954	155	B mm	24	28	35	44	57						
		D mm	355	378	415	458	510						
1966	160	B mm			36	45	57	69	79	95	106	123	
		D mm			463	514	566	615	672	720	762	817	
1956	170	B mm			10	11,5	14	17					
		D mm			406	457	508	582					
1967/1968	180	B mm			16	22	28						
		D mm			422	457	520						

All references have an outside bevel.

1968: outside 30° bevel

FLAT BACK CENTRE DISCS



Ref.	A	Concavity	Ø 16	Ø 18	Ø 20	Ø 22	Ø 24	Ø 26	Ø 28	Ø 30	Ø 32
1960	130	B mm		49	60	71	84	96			
		D mm		460	513	565	614	968			
1959/1969	130	B mm	32	41	49						
		D mm	413	462	509						
1961/1963		D mm		461	512	565	615	670	720		
1952/1962	210	B mm				48	65	77	92	108	126
		D mm				572	618	675	724	770	817

1960, 1959, 1961 and 1952: outer bevel

1969, 1963, 1962: inside bevel

1

PLANTERS AND SEED DRILL

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CURVED SUBSOILER

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CULTIVATOR

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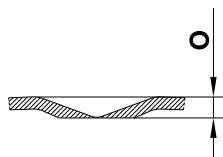
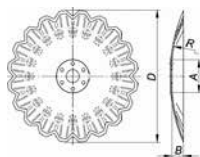
DISC HARROW

5

PLOUGH



1958 VT-REX

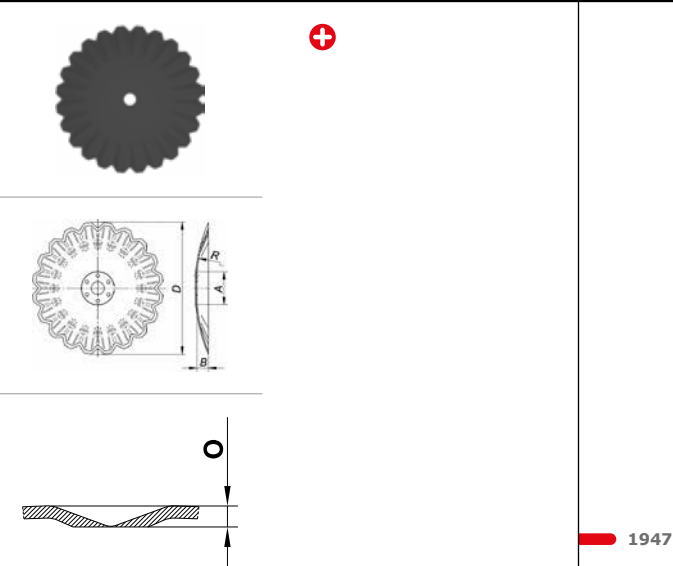


1958 VT Rex

Ref.	ø "	ø mm	→ ←	A	B	R mm	Nº waves	O	Grs.		F
1958-185	18"	462	5	130	35,5	610	20	8,5	5.100	50	150
1958-205	20"	514	5	130	45	610	20	8,5	7.500	50	150
1958-206	20"	514	6	130	45	610	20	8,5	8.000	50	150
1958-225	22"	568	5	130	58	610	20	8,5	8.900	50	150
1958-226	22"	568	6	130	58	610	20	8,5	10.000	50	150
1958-246	24"	610	6	130	69	610	20	8,5	12.500	50	150

These blades are for Vertical Tillage and are recommended for soft soils as it cuts waste perfectly and it penetrates deeply into the ground. Furthermore, as the blade gradually wears down, it becomes more aggressive, thus guaranteeing a longer working life for the disc.

1947 VT-REX



Ref.	ø "	ø mm		A	B	R mm	Nº waves	O	Grs.		F
1947-246	24"	617	6	190	50	730	24	9	12.500	50	150
1947-225	22"	575	5	190	41	730	24	7,3	8.900	50	150

These blades are for Vertical Tillage and are recommended for soft soils as it cuts waste perfectly and it penetrates deeply into the ground. Furthermore, as the blade gradually wears down, it becomes more aggressive, thus guaranteeing a longer working life for the disc.

1
PLANTERS AND SEED DRILL

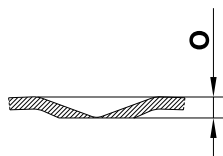
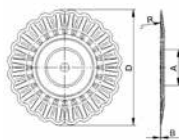
2
CURVED SUBSOILER

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1933 VT-REX



1933 VT REX

Ref.	ø "	ø mm		O	Nº waves	A	B	F	R mm	Grs.		F
1933-205	20"	522	5	5	24	178	1	150	762	7.600	100	150
1933-206	20"	522	6	5	24	178	1	150	762	9.000	100	150
1933-2065	20"	522	6.5	5	24	178	1	150	762	9.700	100	150
1933-226	22"	575	6	5	24	178	4.5	150	762	11.250	100	150
1933-2265	22"	575	6.5	5	24	178	4.5	150	762	12.000	100	150
1933-246	24"	628	6	5	24	178	10.5	150	762	13.600	100	150
1933-2465	24"	628	6.5	5	24	178	10.5	150	762	14.600	100	150
1933-266	26"	687	6	5	24	178	19	150	762	16.300	100	150
1933-2665	26"	687	6.5	5	24	178	19	150	762	17.600	100	150

Allows tilling at higher speed.

These blades are for Vertical Tillage and are recommended for soft soils as it cuts waste perfectly and it penetrates deeply into the ground. Furthermore, as the blade gradually wears down, it becomes more aggressive, thus guaranteeing a longer working life for the disc.

1992 VORTEX



Ref.	ø "	ø mm		Nº waves	O	Flat Centre	Grs.		F
1992-176	17"	441	6	18	24	230	6.350	50	16
1992-186	18"	458	6	18	28,5	230	7.060	50	16
1992-206	20"	511	6	18	28,5	230	9.700	50	16
1992-226	22"	565	6	18	28,5	230	10.450	50	14
1992-246	24"	618	6	18	28,5	230	13.540	50	14

Vertical tillage disc, that is, to work the soil without turning it over, to avoid mixing the various layers of soil. A good cut and an ideal mix of the organic residue is achieved, protecting the soil from erosion. But under the soil you obtain a soil well prepared for planting, completely oxygenated and aerated to allow roots to grow in perfect conditions. Vortex® is a trademark of CFC Distributors.

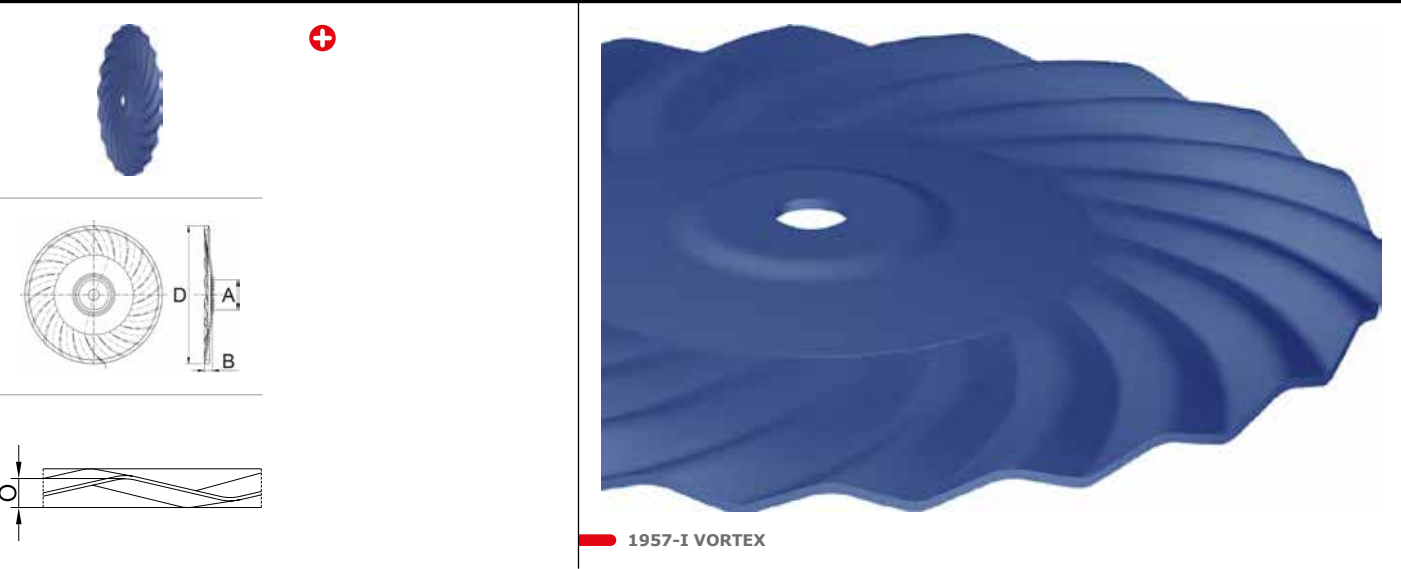
1927 VORTEX



Ref.	ø "	ø mm		Nº waves	O	B	R mm	Grs.		F
1927-206	20"	520	6	20	12,5	23,5	815	8.160	50	16
1927-226	22"	574	6	20	14	28,5	815	12.530	50	14

Vertical tillage disc, that is, to work the soil without turning it over, to avoid mixing the various layers of soil.
A good cut and an ideal mix of the organic residue is achieved, protecting the soil from erosion.
But under the soil you obtain a soil well prepared for planting, completely oxygenated and aerated to allow roots to grow in perfect conditions.
Vortex® is a trademark of CFC Distributors.

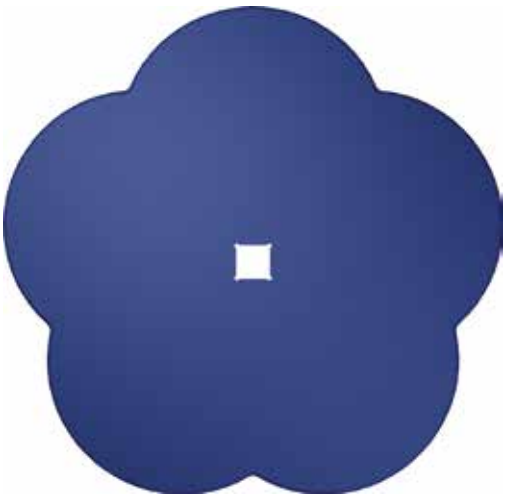
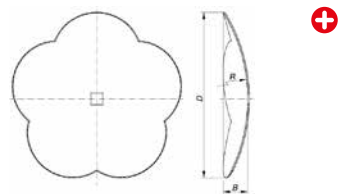
1957 VORTEX



Ref.	ø "	ø mm		Nº waves	O	Flat Centre	B	R mm	Grs.		F
1957-186	18"	467	6	20	9	120	23,5	815	7.060	50	16
1957-206	20"	520	6	20	12,5	120	25,3	815	8.160	50	16
1957-226	22"	574	6	20	14	120	31	815	12.530	50	14

Vertical tillage disc, that is, to work the soil without turning it over, to avoid mixing the various layers of soil.
A good cut and an ideal mix of the organic residue is achieved, protecting the soil from erosion.
But under the soil you obtain a soil well prepared for planting, completely oxygenated and aerated to allow roots to grow in perfect conditions.
Vortex® is a trademark of CFC Distributors.

1905 CE KIRAI



1905 CE

Ref.	ø "	ø mm		N. of petals	B	R mm	Grs.		F
1905 CE-246	24"	620	6	5	80	620	12.350	50	14
1905 CE-266	26"	657	6	5	96	620	15.000	50	12
1905 CE-288	28"	711	8	6	112	620	17.780	50	12

Penetrates better in dry soil but it also have a good performance in humid soil.
Allows tillage a higher speed.
Thanks to the design of the KIRAI blades, the penetration into the soil is deeper than in traditional disc blades without increasing the tractor power.

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PLANTERS AND SEED DRILL

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1906 LUR



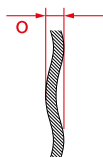
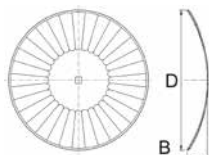
LUR

Ref.	ø "	ø mm		B	R mm	N. of petals	Grs.		F
1906 D-3210	32"	810	10	132	680	5	31.800	50	30
1906 I-3210	32"	810	10	132	680	5	31.800	50	30

LUR discs have been devised to carry out tillage aggressively and energetically to shred and mix even the most resistant residue. They penetrate more deeply into dry soils than into normal soils, a working depth ranging from 15 to 25 cm being considered advisable. They are also highly effective at a shallower depth when tilling in wet soils. It is advisable to assemble these discs helicoidally in each socket in order to put the rotation of the assembly to best use, so that the rotation power of the set is improved. As the hole is square, it is simply a question of turning one position with respect to the preceding disc.



1926 TERRAMAX



1926 TERRAMAX

Ref.	ø "	ø mm		Nº waves	O	B	R mm	Grs.		F
1926-186	18"	463	6	32	7	40	680	7.050	50	16
1926-204	20"	515	4	32	8	50	680	6.180	50	16
1926-224	22"	567	4	32	8	61	680	7.650	50	16
1926-245	24"	616	5	32	9	73	680	11.380	50	14
1926-246	24"	616	6	32	10	73	680	13.540	50	14
1926-266	26"	670	6	32	10	87	680	16.630	50	12
1926-288	28"	720	8	32	12	101	680	26.010	50	12

Recommended for soft soils.

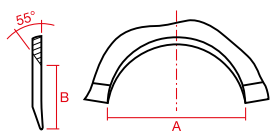
The disc has a better lifetime than the conventional notched disc.

PLAIN



ø "	— —	Grs		F
10"	2,5	860	100	38
11"	2	870	100	36
11"	3	980	100	36
12"	2	1.040	100	26
12"	2,5	1.280	100	36
12"	3	1.590	100	36
12"	4	1.900	100	36
12"	5	2.400	100	36
13"	2,5	1.550	100	26
13"	3	1.910	100	48
14"	3	2.030	100	36
14"	3,5	2.360	100	33
14"	4	2.710	100	36
14"	4,5	3.050	100	35
14"	5	3.360	100	44
15"	4	3.480	100	33
16"	3	2.860	100	16
16"	3,5	3.320	100	16
16"	4	3.820	100	16
16"	4,5	4.300	100	16
16"	5	4.740	100	16
18"	3,5	4.140	100	16
18"	4	4.770	100	16
18"	4,5	5.390	100	16
18"	5	5.930	100	16
18"	6	7.050	100	16
20"	3,5	5.390	100	16
20"	4	6.180	100	16
20"	4,5	6.960	100	16
20"	5	7.650	100	16
20"	6	9.080	100	16
21"	5	13.820	100	16
22"	4	7.650	100	14
22"	4,5	8.620	100	14
22"	5	9.490	100	14
22"	6	11.280	100	14
24"	4,5	10.320	100	14
24"	5	11.380	100	14
24"	6	13.540	50	14
24"	7	15.800	50	14
24"	8	18.000	50	14
26"	5	13.830	50	12
26"	6	16.630	50	12
26"	7	19.390	50	12
26"	8	22.130	50	12
28"	6	19.530	50	12
28"	7	22.790	50	12
28"	8	26.010	40	12
30"	6	22.150	25	10
30"	8	29.530	25	10
30"	10	36.330	20	10
32"	8	34.220	20	10
32"	10	42.150	20	10
34"	12	63.400	15	10
36"	12	67.610	15	10

NOTCHED



Ø "	— —	Grs		Number of notches	A	B	F
16"	3	2.490	100	8	88	35	16
16"	3,5	2.880	100	8	88	35	16
16"	4	3.320	100	8	88	35	16
16"	4,5	3.720	100	8	88	35	16
16"	5	4.110	100	8	88	35	16
18"	3,5	3.650	100	9	88	35	16
18"	4	4.200	100	9	88	35	16
18"	4,5	4.740	100	9	88	35	16
18"	5	5.210	100	9	88	35	16
18"	6	6.180	100	9	88	35	16
20"	3,5	4.860	100	10	88	35	16
20"	4	5.570	100	10	88	35	16
20"	4,5	6.270	100	10	88	35	16
20"	5	6.890	100	10	88	35	16
20"	6	8.160	100	10	88	35	16
22"	4	6.930	100	11	86	35	14
22"	4,5	7.810	100	11	86	35	14
22"	5	8.590	100	11	86	35	14
22"	6	10.190	100	11	86	35	14
24"	4,5	9.440	100	12	86	35	14
24"	5	10.390	100	12	86	35	14
24"	6	12.350	50	12	86	35	14
24"	7	14.480	50	12	86	35	14
24"	8	16.640	50	12	86	35	14
26"	5	12.490	50	13	90	40	12
26"	6	15.000	50	13	90	40	12
26"	7	17.490	50	13	90	40	12
26"	8	19.940	50	13	90	40	12
28"	6	17.780	50	13	90	40	12
28"	7	20.730	50	14	90	40	12
28"	8	23.650	40	14	90	40	12
30"	6	20.400	25	15	89	40	10
30"	8	27.160	25	15	89	40	10
30"	10	33.400	20	15	89	40	10
32"	8	31.680	20	16	88	40	10
32"	10	39.000	20	16	88	40	10
34"	12	59.600	15	17	87	40	10
36"	12	63.550	15	18	87	40	10

Any kind of disc may be manufactured as plain or notched



All **BELLOTA** discs are produced under the strict quality specifications that ensure the hardness and uniformity throughout the disc. However, certain ground conditions may provoke some breaking. With the aim of clarifying why these situations occur, we have created the following table:

	Type of failure	Cause	Guarantee
	Crack	Defective material	Full credit granted
	Straight break		
	Breakout of center of disc	Tilled over rocks or stumps, loose bolts and excessive disc flexing	Credit is not offered
	Irregular break	Contact with rocks, stumps or other solid objects	
			
			
	Chipped and dented edges		



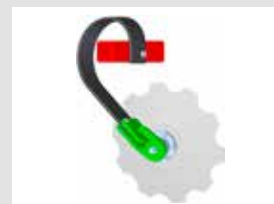
2512 BRG A

229



2512 BRG A CA1

230



2512 BRG B

231



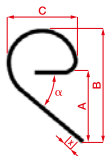
Hub

232

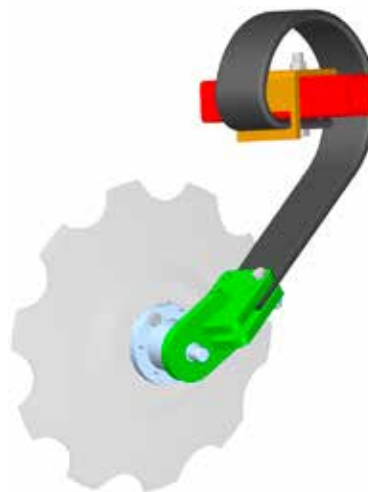
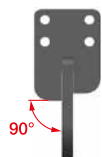
DISC HANGER
WITH ELASTOMER

233

2512 BRG A



For speed harrow.
Bellota recommends
to mount with 18" or
20" discs.



Ref.	Chasis		A	B	C	x1	x2	α	M	Grs.		F
2512 BRG A	60X60 / 70x70	90X14	273	429	264	60	30	40°	M12 (4)	9.000	100	
12512KIT 6060	60x60								M12(2)/M14(1)	3.000		
12512KIT 7070	70x70								M12(2) /M14(1)	3.000		
12512-6060	60x60									1.100		100
12512-7070	70x70									1.200	100	100
2512 SB										3.500	100	
2512 SB R										3.500	100	

Assembly with clamp

Clamp for 60x60 chasis: 125126060 (M14). Clamp for 70x70 chasis: 125127070 (M14).

Can be assembled using the 2512-SB (ambidextrous and angled) and 2512-SB R (Straight) supports

Quality 12.9 bolts should be used.

2512 BRG A



12512KIT7070



12512



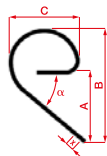
2512-SB



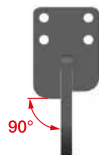
2512SB R



2512 BRG A CA1



⊕
For speed harrow.
Bellota recommends
to mount with 18" or
20" discs.



Ref.	Chasis		A	B	C	x1	x2	α 	M	Grs.	
2512 BRG A CA1	60X60 / 70X70	90X14	273	429	264	60	30	40°	M12 (4)	9.000	100
2512 SB										3.500	100
2512 SB R										3.500	100

Fixes to frame with 2 bolts of 14 mm metrics and 60 mm of distance between the two holes.
Can be assembled using the 2512-SB (ambidextrous and angled) and 2512-SB R (Straight) supports
Quality 12.9 bolts should be used.

2512 BRG A CA1



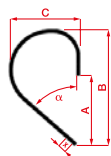
2512-SB



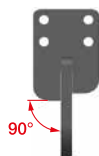
2512SB R



2512 BRG B



For speed harrow.
Bellota recommends
to mount with 18" or
20" discs.



Ref.	Chasis		A	B	C	x1	x2	α 	M	Grs.	
2512 BRG B	70x70	90X14	265	440	267	60	30	48,6°	M12 (4)	7.600	100
2512 SB										3.500	100
2512 SB R										3.500	100

Fixes to frame with 2 bolts of 16 metrics and 50 mm of distance between the two holes.
Can be assembled using the 2512-SB (ambidextrous and angled) and 2512-SB R (Straight) supports
Quality 12.9 bolts should be used.

2512 BRG B



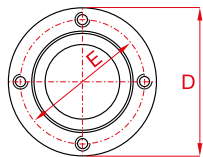
2512-SB



2512SB R



HUB



BUJEBRG30984

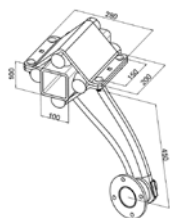
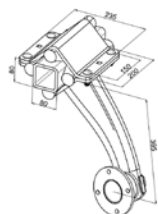
Ref.	E	D	M	Nº Bolts		Grs.		
BUJEBRG30984	98	117	M12x1,25 (4)	4	M22x1,5	2.000	1	500
BUJEBRG30986	98	117	M12x1,25 (6)	6	M22x1,5	2.000	1	500

The 4-hole BUJEBRG30984 requires a disc with D6 configuration.
The 6-hole BUJEBRG30986 requires a disc with DO configuration.

BUJEBRG30986



DISC HANGER WITH ELASTOMER



308080

Ref.	A		Chasis	Angle	Grs.
308080 D CA	395	10	80x80	17º	19.600
308080 I CA	395	10	80x80	14º	19.600
30100100 D CA	450	10	100x100	17º	21.500
30100100 I CA	450	10	100x100	14º	21.500

308080: for 18" and 20" discs

30100100: for 22" and 24" discs

Ideal for tillage and sowing at high speeds, both in conventional tillage or direct sowing.

In very severe ground conditions, in order to absorb all kinds of impacts, the support is rotated 45° to facilitate the movement of the disc and thanks to the elastomers there is no metal-to-metal contact.

This 5-hole hub (PK disc configuration) is designed to work at high speeds as it is equipped with double row double angular contact ball bearings.

Can be used to work under any type of soil condition, whether cold and wet or dry.

