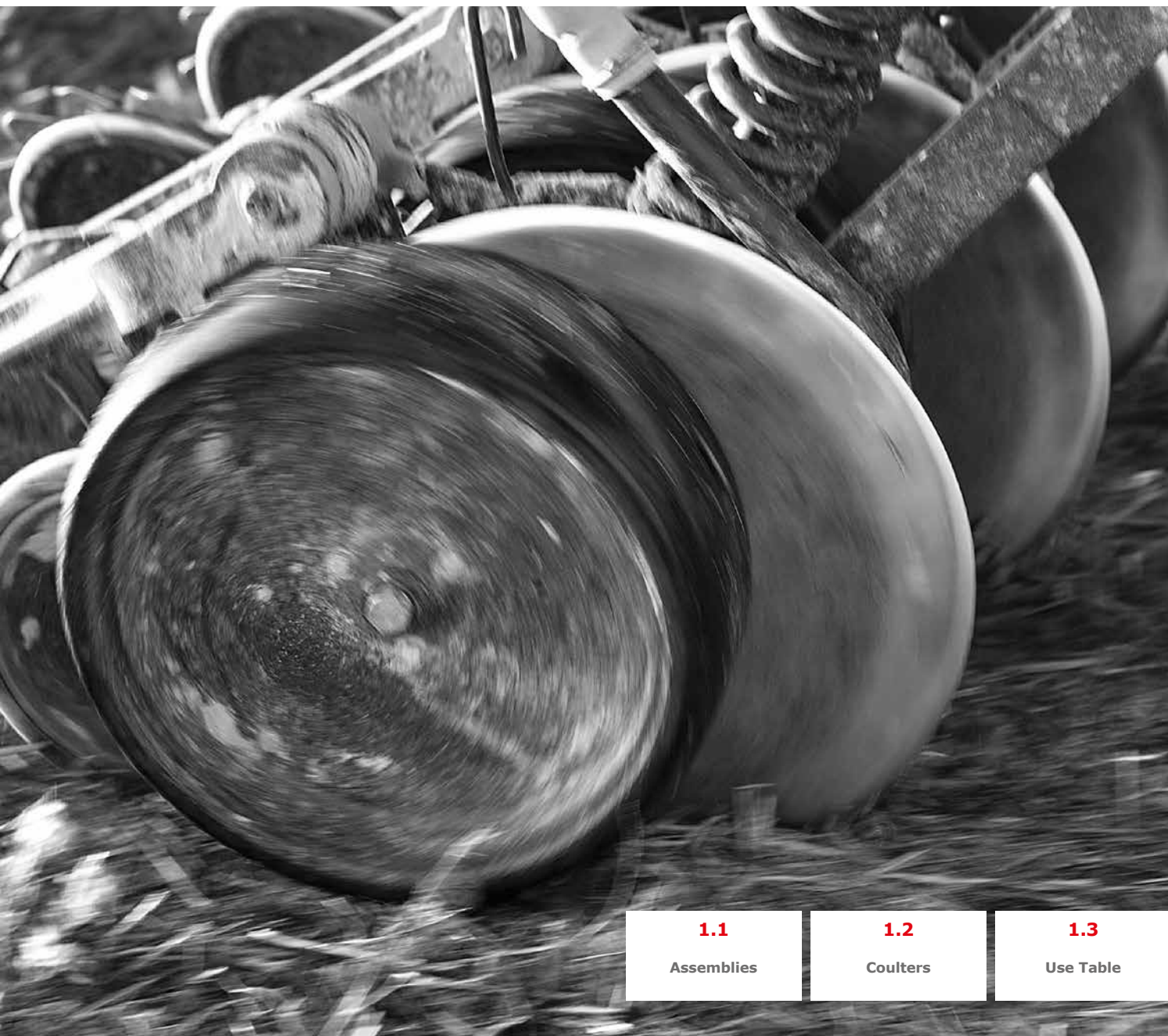


1

PLANTERS AND SEED DRILL



1.1

Assemblies

1.2

Coulters

1.3

Use Table

CASE



Inline
Openers



Offset
Openers



Thanks to the patented technology of Bellota, both warping and flatness are 100% guaranteed in all assemblies.



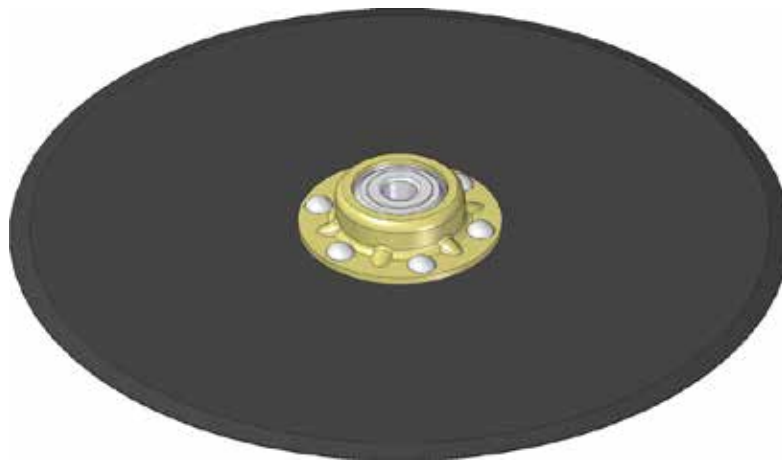
Outside
Bevel



Inside
Bevel



Double
Bevel



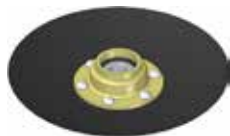
EN-1435-0003

Ref.	Original Ref.	ø "	→ ←	Grs.	Type of bevel	Disc
EN-08-25-0002	1277891	8"	2,5	1.040	Outside bevel	CNH08RB925MJNE
EN-14-35-0001	84389196-L	14"	3,5	2.950	Outside bevel	8114R4035JONE
EN-14-35-0002	84389195-T	14"	3,5	2.950	Inside Bevel	8114R4035JONE
EN-14-35-0004	84398746-T	14"	3,5	2.950	Inside bevel	8114R4035J2NE
EN-14-35-0003	84398745-L	14"	3,5	2.950	Outside bevel	8114R4035J2NE
EN-14-45-0003	84416318-L	14"	4,5	3.670	Double bevel	8314R4045J2NE
EN-14-45-0004	84416319-T	14"	4,5	3.670	Double bevel	8314R4045J2NE

L:Leading opener.T:Trailing opener.

Offset openers, except CASE 1277891 that is covering disc (Concave)

EN-08-25-0002



EN-1435-0001



EN-1435-0003



GREAT PLAINS



Inline
Openers



Offset
Openers



Thanks to the patented technology of Bellota, both warping and flatness are 100% guaranteed in all assemblies.



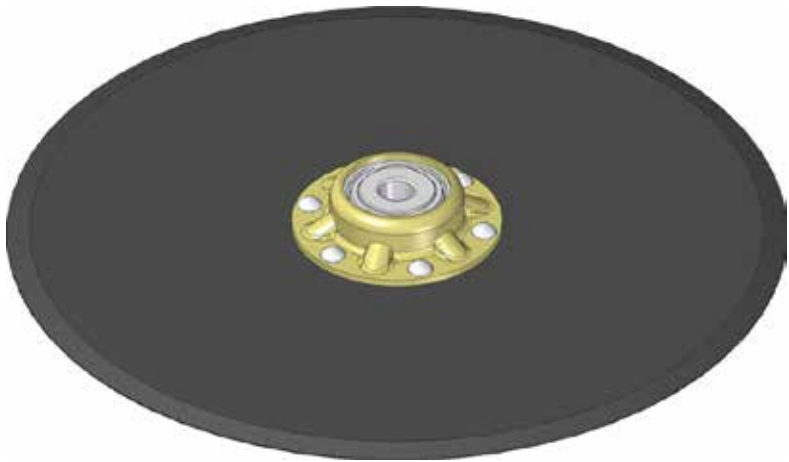
Outside
Bevel



Inside
Bevel



Double
Bevel



EN-13530-0002

Ref.	Original Ref.	ø "	→ ←	Grs.	Type of bevel	Disc
EN-135-30-0002	107-135S	13,5"	3	2.460	Outside bevel	81135RC63K7NE
EN-135-40-0001	107-138S	13,5"	4"	2.460	Outside bevel	81135RC64K7NE

Inline openers.
Metallic dust cap.
205 series bearing

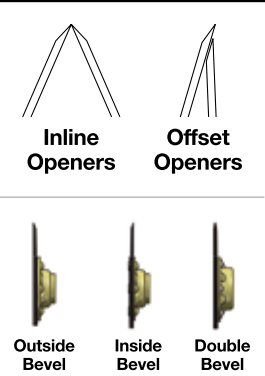
EN-13540-0001



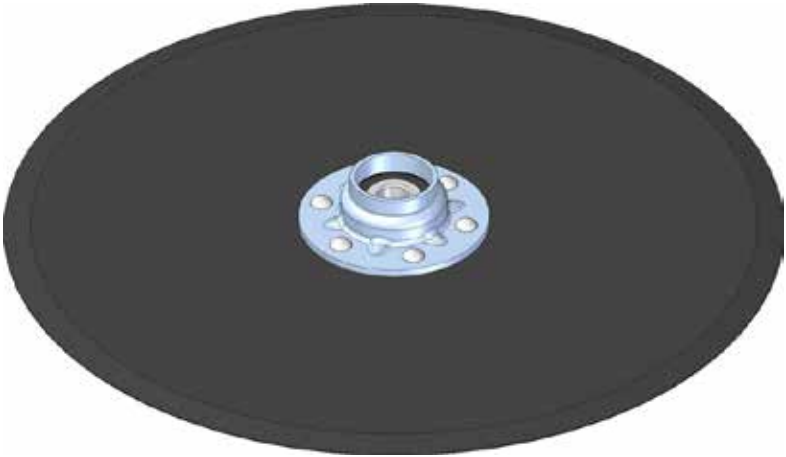
EN-1540-0001



KINZE



Thanks to the patented technology of Bellota, both warping and flatness are 100% guaranteed in all assemblies.

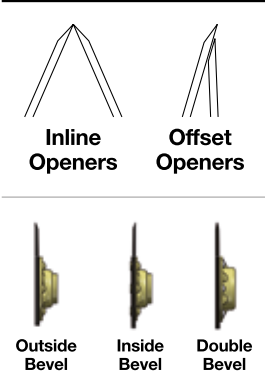


EN-1535-0005

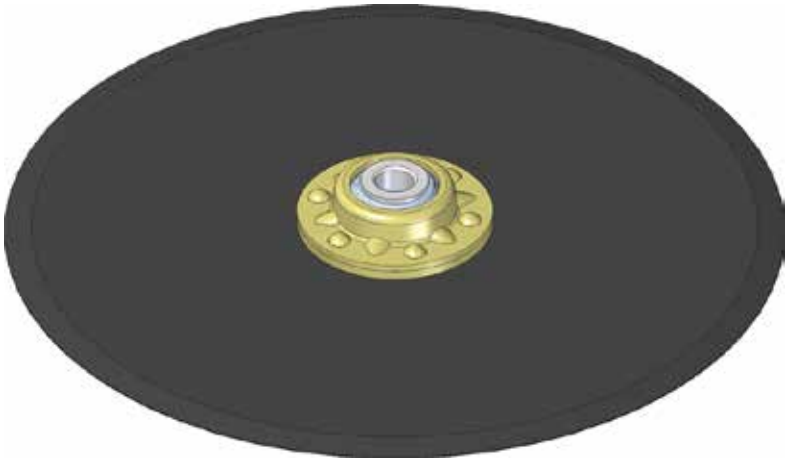
Ref.	Original Ref.	ø "		Grs.	Type of bevel	Disc
EN-15-35-0005	GA8324	15"	3,5	3.220	Outside bevel	8115RB935J9NLB

Inline openers.
Dust cap
204 series bearing

SUNFLOWER



⊕ Thanks to the patented technology of Bellota, both warping and flatness are 100% guaranteed in all assemblies.



EN-1535-0003

Ref.	Original Ref.	ø "		Grs.	Type of bevel	Disc
EN-15-35-0003	SN9753N	15"	3,5	3.450	Outside bevel	8115RCX35JWOBNE
EN-15-35-0004	SN7261	15"	3,5	3.450	Inside bevel	8115RCX35JWBSNE

205 series bearing
SN9753N inline opener, SN7261 offset opener



1981- 1983
Plain

12



1981 - 1983
Notched

13



1990
55 Waves

14



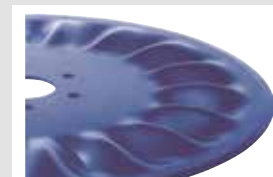
1991
55 Waves

15



1993 - 1994
8 Waves

16



1999
18 Waves

17



1995 - 1996
13 Waves

18



1997 - 1998
25 Waves

19



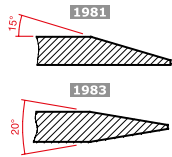
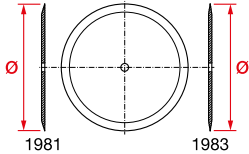
1928 AKER
18 Waves

20

1981- 1983 PLAIN



Boron steel. Integral hardening to avoid deformations and rupture.



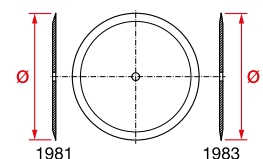
1981 - 1983

ø "	ø mm	→ ←	Grs.		F
10"	255 mm	2,5	920	50	38
12"	305 mm	3	1.780	50	53
13"	333 mm	3	1.810	50	44
13,5"	343 mm	4	2.700	50	36
14"	351 mm	3,5	2.500	50	33
14"	351 mm	5	3.560	50	48
15"	381 mm	3	2.500	50	29
15"	381 mm	4	3.280	50	33
15"	381 mm	5	4.150	50	33
15,5"	394 mm	5	4.350	50	32
16"	406 mm	3	2.850	50	16
16"	406 mm	4	3.830	50	16
16"	406 mm	4,5	4.300	50	22
16"	406 mm	5	4.780	50	16
17"	433 mm	4	4.250	50	16
17,5"	450 mm	4	4.400	50	16
18"	457 mm	3,5	4.080	50	16
18"	457 mm	5	5.840	50	16
18"	457 mm	6	6.970	50	16
20"	508 mm	3,5	5.230	50	16
20"	508 mm	5	7.430	50	16
20"	508 mm	6	8.840	50	16
22"	582 mm	5	9.820	50	14
22"	582 mm	6	11.700	50	14
24"	610 mm	5	10.810	50	14
24"	610 mm	6	12.890	50	14
26"	660 mm	8	21.500	25	12
28"	711 mm	8	21.500	25	12
30"	762 mm	10	38.000	20	10
32"	813 mm	10	41.300	20	10

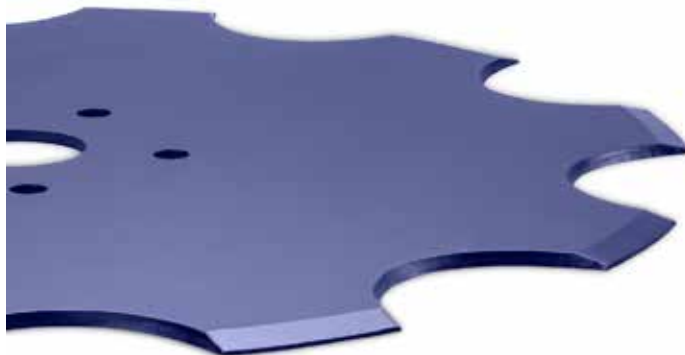
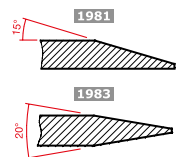
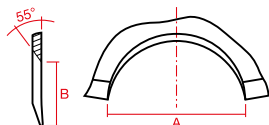
Consult for other diameter and thickness availability
Good cut and penetration. Minimum tilling action.



1981 - 1983 NOTCHED



+ Boron steel. Integral hardening to avoid deformations and rupture.



1981 M

ø "	ø mm	— —	Grs.		Number of notches	A	B	F
16"	406 mm	3,5	3.050	50	8	94	35	16
16"	406 mm	4	3.490	50	8	94	35	16
16"	406 mm	5	4.340	50	8	94	35	16
18"	457 mm	3,5	3.590	50	9	94	35	16
18"	457 mm	4	4.110	50	9	94	35	16
18"	457 mm	5	5.120	50	9	94	35	16
18"	457 mm	6	6.100	50	9	94	35	16
20"	508 mm	3,5	4.700	50	10	94	35	16
20"	508 mm	4	5.370	50	10	94	35	16
20"	508 mm	4,5	6.020	50	10	94	35	16
20"	508 mm	5	6.660	50	10	94	35	16
20"	508 mm	6	7.920	50	10	94	35	16
22"	582 mm	4	7.170	50	11	94	35	14
22"	582 mm	4,5	8.050	50	11	94	35	14
22"	582 mm	5	8.910	50	11	94	35	14
22"	582 mm	6	10.610	50	11	94	35	14
24"	610 mm	5	9.820	50	12	94	35	14
24"	610 mm	6	11.700	50	12	94	35	14
26"	660 mm	6	14.500	25	13	98	40	12
26"	660 mm	8	19.500	25	13	98	40	12
28"	711 mm	6	16.800	25	14	98	40	12
28"	711 mm	8	22.340	25	14	98	40	12

Good penetration and cut with high residues. Minimum tilling action
Notches are the standard Bellota notch, but these can be made according to the customer's requirement.

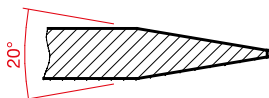
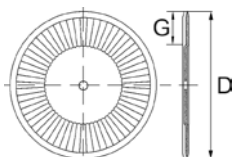
1981M - 1983M



1990 55 WAVES



Boron steel. Integral hardening to avoid deformations and rupture.

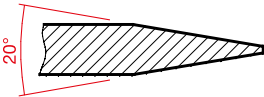
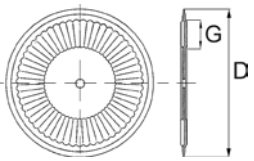


1990

ø "	ø mm	→ ←	Grs.		G	Nº waves	F
15"	381 mm	4	3.300	50	34,5	55	33
16"	406 mm	4	3.830	50	47	55	16
16"	406 mm	4,5	4.300	50	47	55	16
16"	406 mm	5	4.780	50	47	55	16
16,5"	423 mm	3,5	3.480	50	56	55	16
16,5"	423 mm	4	3.990	50	56	55	16
16,5"	423 mm	5	4.980	50	56	55	16
17"	433 mm	3,5	3.700	50	61	55	16
17"	433 mm	4	4.250	50	61	55	16
17"	433 mm	4,5	4.790	50	61	55	16
18"	457 mm	4	4.680	50	73	55	16
18"	457 mm	5	5.840	50	73	55	16
20"	508 mm	4	5.970	50	73	60	16
20"	508 mm	4,5	5.700	50	73	60	16
20"	508 mm	5	7.430	50	73	60	16

Good cut and penetration. Minimum tilling action, ideal for variable soil conditions.

1991 55 WAVES



+ Boron steel. Integral hardening to avoid deformations and rupture.

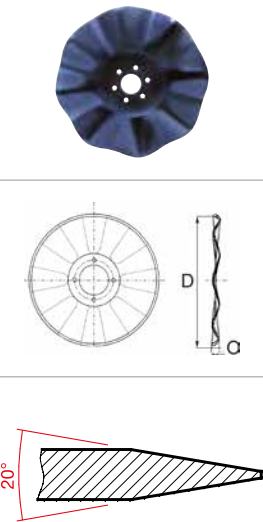


1991

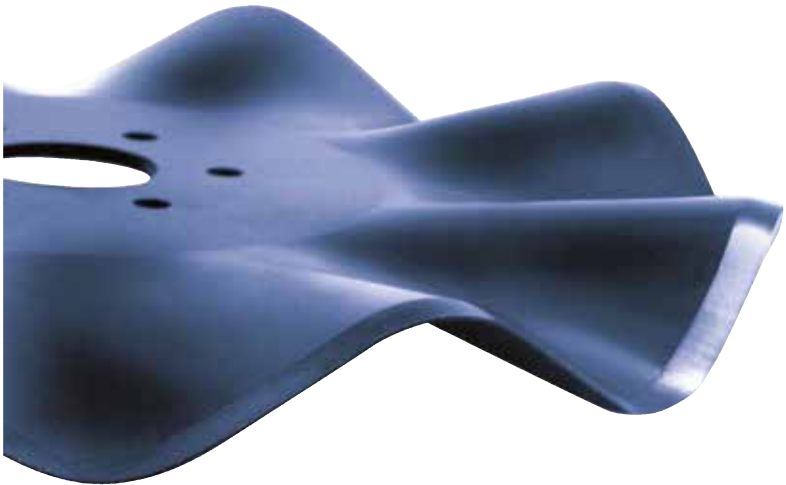
ø "	ø mm	→ ←	Grs.		G	Nº waves	F
20"	508 mm	4,5	6.700	50	70	55	16
20"	508 mm	5	7.430	50	70	55	16
22"	582 mm	4,5	8.860	50	89	60	14
22"	582 mm	5	9.820	50	89	60	14
22"	582 mm	6	11.170	50	89	60	14

Good cut and penetration. Minimum tilling action, ideal for variable soil conditions.

1993 - 1994 8 WAVES



⊕
Boron steel. Integral
hardening to avoid
deformations and
rupture.



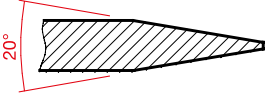
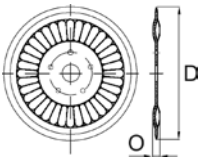
1993-1994

Ref.	ø "	ø mm	→ ←	Grs.		Nº waves	O	Flat Centre	F
1993	14,5"	370 mm	4	2.930	50	8	19	178 mm	32
	15"	383 mm	4,5	3.800	50	8	20	178 mm	32
	16"	403mm	3,5	3.340	50	8	21	178 mm	16
	16"	403 mm	4,5	4.300	50	8	22	178 mm	16
	17,5"	446 mm	4	4.400	50	8	25,5	178 mm	16
	17,5"	446 mm	5	5.550	50	8	26,5	178 mm	16
	18"	453 mm	4	4.680	50	8	26	178 mm	16
	18"	453 mm	5	5.840	50	8	27	178 mm	16
	20"	520 mm	5	7.910	50	8	32,5	178 mm	16
	20"	520 mm	6	9.390	50	8	33,5	178 mm	16
1994	14"	352 mm	4	2.960	50	8	32	178 mm	36
	16"	397 mm	3,5	3.340	50	8	37	178 mm	16
	16"	397 mm	4,5	4.300	50	8	38	178 mm	16
	16"	397 mm	5	4.780	50	8	38,5	178 mm	16
	17"	439 mm	4,5	4.980	50	8	46	178 mm	16
	17"	439 mm	5	5.550	50	8	46,5	178 mm	16
	18"	449 mm	4	4.680	50	8	46	178 mm	16
	18"	449 mm	5	5.840	50	8	47	178 mm	16
	20"	512 mm	5	7.910	50	8	58	178 mm	16
	20"	512 mm	6	9.390	50	8	59	178 mm	16
	22"	545 mm	4	7.620	50	8	64	178 mm	16
	22"	545 mm	4,5	8.600	50	8	64,5	178 mm	16
	22"	545 mm	5	9.576	50	8	65	178 mm	16
	22"	545 mm	6	10.450	50	8	66	178 mm	14

Moderate cut and penetration. Aggressive tilling action.
Consult for other diameter and thickness availability



1999 18 WAVES



+ Boron steel. Integral hardening to avoid deformations and rupture.



1999

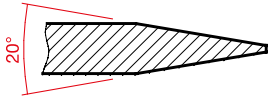
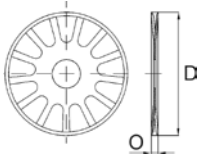
ø "	ø mm		Grs.		Nº waves	O	Flat Centre	F
16"	404 mm	4	3.830	50	18	19	210 mm	16
16"	404 mm	4,5	4.300	50	18	19,5	210 mm	16
16"	404 mm	5	4.780	50	18	20	210 mm	16

Moderate penetration and tilling action. Good cut. Possible compacting in humid soil.

1995 - 1996 13 WAVES



+
Boron steel. Integral
hardening to avoid
deformations and
rupture.



1995-1996

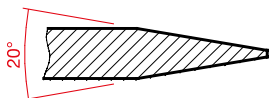
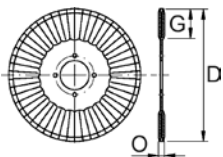
Ref.	ø "	ø mm	→ ←	Grs.		Nº waves	O	Flat Centre	F
1995	13,5"	343 mm	4	2.690	50	13	12	229 mm	36
	14"	360 mm	4	2.960	50	13	13	229 mm	36
	15"	383 mm	4	3.380	50	13	15	229 mm	32
	16"	406 mm	4	3.800	50	13	17	229 mm	16
	16"	406 mm	4,5	4.330	50	13	17,5	229 mm	16
	17"	430 mm	4	4.250	50	13	19	229 mm	16
	17"	430 mm	4,5	4.790	50	13	19,5	229 mm	16
	17"	430 mm	5	5.350	50	13	20	229 mm	16
	18"	454 mm	3,5	4.080	50	13	20,5	229 mm	16
	18"	454 mm	4	4.680	50	13	21	229 mm	16
	18"	454 mm	4,5	5.270	50	13	21,5	229 mm	16
	18"	454 mm	5	5.840	50	13	22	229 mm	16
	20"	504 mm	4	5.970	50	13	27	229 mm	16
	20"	504 mm	4,5	6.700	50	13	27,5	229 mm	16
	20"	504 mm	5	7.430	50	13	28	229 mm	16
1996	20"	504 mm	6	8.840	50	13	29	229 mm	16
	22"	559 mm	4,5	8.600	50	13	30	229 mm	16
	22"	559 mm	5	9.576	50	13	30,5	229 mm	16
	15"	381 mm	4	3.380	50	13	22	229 mm	32
	15"	381 mm	4,5	3.800	50	13	22,5	229 mm	32
	16"	404 mm	4,5	4.330	50	13	25,5	229 mm	16
	17"	428 mm	4,5	4.790	50	13	28,5	229 mm	16
	17"	428 mm	5	5.350	50	13	29	229 mm	16
	18"	450 mm	4,5	5.390	50	13	31	229 mm	16
	18"	450 mm	5	5.560	50	13	31,5	229 mm	16
	18"	450 mm	6	5.840	50	13	32,5	229 mm	16
	20"	498 mm	4,5	6.700	50	13	40,5	229 mm	16
	20"	498 mm	5	7.430	50	13	41	229 mm	16

Moderate cut and penetration. Good tilling action, effective at low speed.
Consult for other diameter and thickness availability

1997 - 1998 25 WAVES



Boron steel. Integral hardening to avoid deformations and rupture.



1997-1998

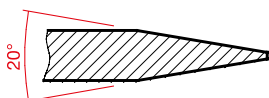
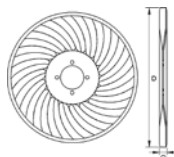
Ref.	ø "	ø mm	→ ←	Grs.		Nº waves	G	O	Flat Centre	F
1997	13,5"	340 mm	4	2.960	50	25	49,5	15,5	241 mm	36
	15"	379 mm	4	3.280	50	25	69	15,5	241 mm	32
	15"	379 mm	4,5	4.010	50	25	69	16	241 mm	33
	16"	404 mm	4	3.830	50	25	82	15,5	241 mm	16
	16"	404 mm	4,5	4.300	50	25	82	16	241 mm	16
	16"	404 mm	5	4.780	50	25	82	16,5	241 mm	16
	17"	431 mm	4	4.790	50	25	95	15,5	241 mm	16
	17"	431 mm	4,5	4.790	50	25	95	16	241 mm	16
1998	17,5"	448 mm	4,5	5.170	50	25	103,5	16	241mm	16
	17,5"	448 mm	4	4.400	50	25	75	15,5	298 mm	16
	17,5"	448 mm	4,5	5.170	50	25	75	16	298 mm	16
	18"	455 mm	4	4.680	50	25	79	15,5	298 mm	16
	18"	455 mm	4,5	5.270	50	25	79	16	298 mm	16
	18"	455 mm	5	5.840	50	25	79	16,5	298 mm	16
	20"	506 mm	4	5.970	50	25	104	15,5	298 mm	16
	20"	506 mm	4,5	6.700	50	25	104	16	298 mm	16
	20"	506 mm	5	7.430	50	25	104	16,5	298 mm	16

Moderate cut and penetration. Medium tilling action. Adequate for dry and sandy soil.

1928 AKER 18 WAVES



Boron steel. Integral hardening to avoid deformations and rupture.



1928 AKER

ø "	ø mm	→ ←	Grs.		Nº waves	O	Flat Centre	F
13,5"	350 mm	3	2.250	50	18	13,5	220 mm	42
15"	381 mm	4	3.380	50	18	14,5	220 mm	32
16"	404 mm	3	2.640	50	18	13,5	220 mm	16
16"	404 mm	4	4.000	50	18	14,5	220 mm	16
16"	404 mm	5	4.780	50	18	15,5	220 mm	16
17"	431 mm	4	4.250	50	18	14,5	220 mm	16
17"	431 mm	4,5	4.790	50	18	15	220 mm	16
17"	431 mm	5	5.350	50	18	15,5	220 mm	16
18"	455 mm	4	4.680	50	18	14,5	220 mm	16
18"	455 mm	5	5.840	50	18	15,5	220 mm	16
20"	506 mm	5	7.430	50	18	15,5	220 mm	16
20"	506 mm	6	8.840	50	18	16,5	220 mm	16
22"	580 mm	5	9.820	50	18	15,5	220 mm	16
22"	580 mm	6	11.170	50	18	16,5	220 mm	16

Good penetration and cut with high residues. Aggressive tilling action. Suitable for working at high speed.

BELLOTA's knowledge and experience with seed- drill discs guarantees a consistent and precise job, in order to provide the best solution for each situation.

	Soil tilling action			Soil tilth				Soil conditions				Speed			Tillage practice		
	Low	Moderate	High	High	Medium	Fine	Extrafine	Dry	Humid	Sandy	Thick	Low	Medium	High	Direct	Conservation	Conventional
 Flat  3/8"	●							●	●	●	●			●	●	●	●
 Notched fl at  3/8"	●							●		●	●		●	●	●	●	●
 8 waves  1 1/4"			●	●	●			●		●	●		●	●	●	●	●
 13 waves  1"			●	●	●	●		●		●	●		●	●	●	●	●
 18 waves  1"		●		●	●			●		●			●			●	●
 18 waves  1/2"		●	●		●	●		●	●	●			●	●	●	●	●
 25 waves  7/8"		●					●	●		●	●		●	●	●	●	●
 50 waves  3/8"	●				●			●	●	●	●		●	●	●	●	
 50 waves with edge  3/8"	●							●	●	●	●		●	●	●	●	