

[Priskuranter] - 3

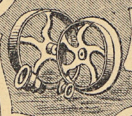
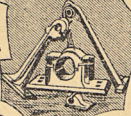
Hellefors bruks AB

Vardagstryck Affärstryck 1800-tal 8:o



1876

ATTARST.
1800-tal
OWAT



FÖRTECKNING
i

MODELLER

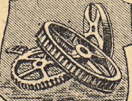
till

KUGGHJUL, REMHJUL

OCH LAGER

vid

HELLEFORS BRUK



1860
1861
1862

Modell-Katalog

VID

HELLEFORS BRUK

I

SÖDERMANLAND.



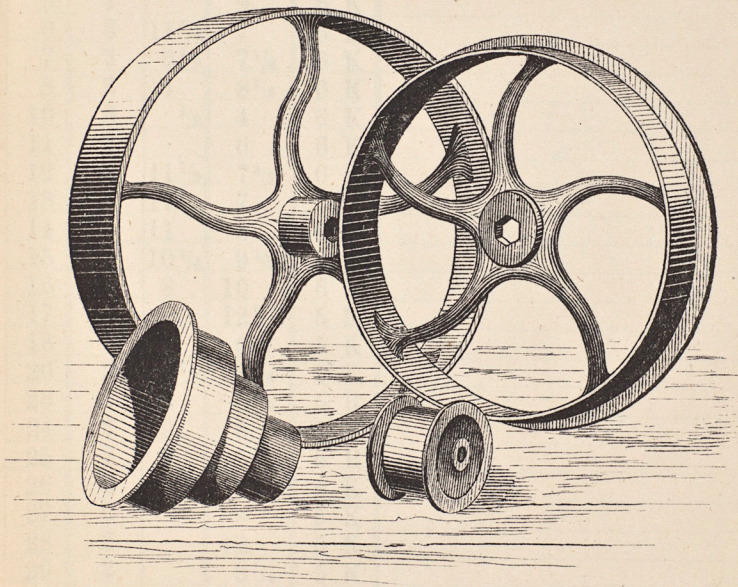
NORRKÖPING,
Lithografiska Aktie-Bolaget.
1876.

Nobel-Katalog



2000000
Forsellens A. B. 1873





Revisi

No	Kategori		Jumlah	Keterangan
	1	2		
1			5	
2			5	
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41			3	
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Remhjul.

N:o	Ringens diameter		Ringens bredd	Armarnes antal	Anmärkingar.
	fot	tum	tum	antal	
1	5		12	6	K
2	5		6	6	K
5	4		9	6	K
6	3	11 ¹ / ₄	7	6	K
7	3	6 ¹ / ₂	7 ¹ / ₂	6	K
8	3	4	8 ¹ / ₂	6	K
10	3	1 ¹ / ₂	4	6	K
11	3		6	6	K
12	2	11 ¹ / ₂	7 ¹ / ₂	6	K
13	2	11 ¹ / ₄	7	6	K
14	2	11	8	6	K
15	2	10 ¹ / ₄	9 ¹ / ₂	5	K
16	2	8	10	6	K
17	2	7	12 ¹ / ₂	5	K
18	2	6	6	5	K
20	2	5 ¹ / ₄	3 ³ / ₄	5	K
23	2	2	6 ³ / ₄	5	R
24	2	2	6	5	K
25	2	1	6	6	R
26	2		5	5	K
27	2		6	5	K
28	2		12	5	K
29	2		3 ¹ / ₄	5	K
32	1	10	6 ¹ / ₂	5	K
34	1	8	5	5	K
35	1	8	6	5	K
36	1	7 ¹ / ₂	6	4	R
38	1	6	5	5	K
39	1	6	3 ³ / ₄	5	K
40	1	6	7	5	K
42	1	5 ⁷ / ₈	3 ⁷ / ₈	5	K

Remhjul.

N:o	Ringens diamter		Ringens bredd	Armnans antal	Anmärkingar.
	fot	tum	tum		
44	1	5 ¹ / ₂	3	5 K	
45	1	5	12 ¹ / ₂	4 K	
46	1	4 ¹ / ₄	8	5 K	
47	1	4 ³ / ₈	6 ¹ / ₄	5 K	
48	1	4	4	5 K	
49	1	4	5	5 K	
50	1	4	3 ¹ / ₄	5 K	
53	1	3 ¹ / ₈	4	5 K	
54	1	2 ⁷ / ₈	6	5 K	
55	1	2 ⁵ / ₈	6 ¹ / ₄	4 K	
56	1	2 ³ / ₈	4 ¹ / ₂	4 K	
57	1	2 ¹ / ₂	4	4 K	
61	1	1 ¹ / ₄	4 ⁷ / ₈	3 K	
62	1	1 ¹ / ₄	3	4 K	
63	1	1	3	5 K	
66	1	³ / ₄	3	5 K	
67	1		9	5 K	
68	1		6	5 K	
69	1		4 ¹ / ₄	5 K	
70	1		2 ¹ / ₂	5 K	
71		11 ³ / ₄	2 ³ / ₈	5 K	
72		11 ³ / ₄	3	H	
73		11 ¹ / ₂	5	5 R	
77		10	12	H	
78		10	6	H	
79		10 ¹ / ₈	3 ⁵ / ₈	H	
80		10	2	5 R	
81		10	2	5 R	
82		9 ³ / ₄	3 ¹ / ₂	H	
84		9	7 ¹ / ₂	H	
85		9	4 ¹ / ₂	H	

No
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Remhjul.

N:o	Ringens diameter		Ringens bredd.	Antal	Anmärkingar.
	tot	tum	tum	antal	
86		9	$3\frac{1}{8}$	4	K
87		$8\frac{3}{4}$	$2\frac{3}{8}$		H
88		8	4	4	K
89		8	$7\frac{1}{4}$		H
90		8	$3\frac{1}{2}$		H
91		8	3		H
92		$7\frac{3}{4}$	$1\frac{7}{8}$		H
93		$7\frac{1}{4}$	2		H
94		7	5		H
95		$6\frac{3}{4}$	4		H
96		6	3		H
97		$5\frac{7}{8}$	$5\frac{7}{8}$		H
98		$5\frac{7}{8}$	4		H
99		$5\frac{7}{8}$	$2\frac{1}{4}$		H
100		$5\frac{7}{8}$	$2\frac{1}{4}$		H
101		$5\frac{1}{2}$	$2\frac{7}{8}$		H
102		5	4		H
103		5	$1\frac{1}{2}$		H
104		5	$2\frac{1}{2}$		H
105		$4\frac{3}{4}$	$2\frac{1}{4}$		H
106		$4\frac{3}{4}$	$3\frac{3}{4}$		H
107		4	3		H
108		$3\frac{7}{8}$	$1\frac{7}{8}$		H
109		$3\frac{5}{8}$	$1\frac{5}{8}$		H
110		3	$1\frac{1}{2}$		H
111		$2\frac{7}{8}$	$1\frac{7}{8}$		H

Kullrig.

Kullrig.

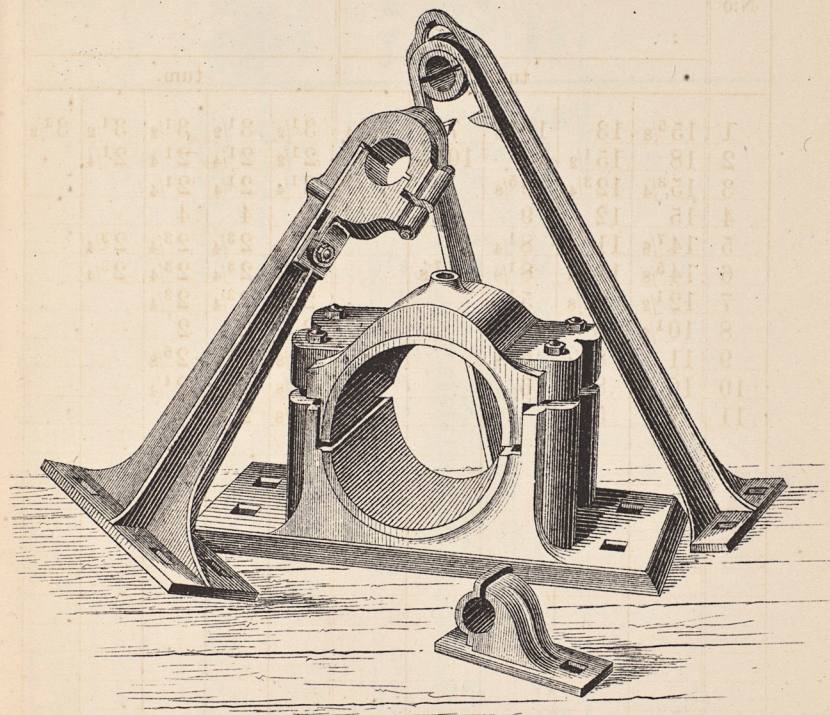
Kullrig.

redd

um.

$1\frac{1}{2}$ $3\frac{1}{2}$ $3\frac{1}{2}$
 $1\frac{1}{4}$ $2\frac{1}{4}$
 $1\frac{1}{4}$
 $3\frac{1}{4}$ $2\frac{3}{4}$
 $1\frac{1}{4}$ $2\frac{3}{4}$
A

No.	Thimeter	Bredd
1	13	3
2	15	3
3	17	3
4	19	3
5	21	3
6	23	3
7	25	3
8	27	3
9	29	3
10	31	3
11	33	3



No	Kategori		Detail		Tipe	Status
	Sub-kategori	Detail	Detail	Detail		
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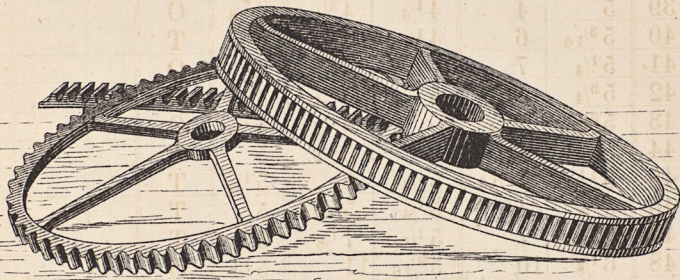
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Lager.

N:o	Tackjernslagret.		Metall-lagret.		Höjd till centrum, tum.	För tali- eller ojämsföring.	Anmärkingar.
	Diam. tum.	Bredd tum.	Diam. tum.	Bredd tum.			
3	1 1/4	1 7/8			1 3/8	OB	
4	1 9/16	1 11/16	1 1/4	2 1/8	1 13/16	O	
5	1 5/8	1 5/8	1 1/4	2	1 5/8	O	
6	1 9/16	3 9/16	1 1/4	4 1/8	1 3/4	O	
7	1 3/4	2 1/4			2 1/16	O	
8	1 13/16	2 7/16	1 7/16	2 7/8	1 7/8	O	
				3			
9	1 7/8	2	1 1/2	2 9/16	2 1/4	O	
10	1 15/16	1 3/4	1 1/2	2 3/16	2 1/2	O	
11	2	1 3/4	1 5/8	2 1/8	2	O	
12	2 1/8	2	1 3/4	2 5/8	2 1/2	O	
13	2 1/4	2 1/2	1 3/4	3	2 1/2	O	
14	2 3/16	1 13/16	1 3/4	2 1/4	2 1/2	O	
15	2 1/8	2 3/4	1 9/16	3 3/8	1 7/8	O	
16	2 1/4	2 1/2	1 3/4	3	2 3/8	O	
17	1 7/8	4			2 9/16	OB	
18	2 5/16	2 1/8	1 7/8	2 9/16	2 1/2	O	
19	2 1/4	2 5/8	1 7/8	3 1/4	2 1/2	O	
20	2 1/2	2 1/2	2	3	2 5/8	O	
21	2 3/8	2 9/16	1 7/8	3 1/8		O	
22	2 3/4	2 1/4	2 1/8	2 3/4	2 5/8	O	
23	2 7/8	2 1/2	2 1/4	3 1/4	2 7/8	OT	
25	3	3 1/2	2 5/16	5	3 1/8	T	
26	3 1/8	2 15/16	2 1/2	4	3	O	
27	3 1/4	3 1/2	2 3/4	4	3 3/8	T	
28	3 1/4	4 1/16	2 3/4	5 3/8	3 1/8	O	
29	3 1/2	2 7/8	2 15/16	3 3/4	3 1/2	O	
30	3 9/16	4	3	4 3/4	3 1/2	OT	
31	3 3/4	3 1/2	3 1/8	4 1/2	3 1/2	O	
32	3 3/4	8			3 1/2	T	
33	4 1/8	3 7/8	3 3/8	4 3/4	3 7/8	O	

Lager

No	I järnsaxet		I metall-lager		Höjd till axel	Längd till axel	Öppning i midt	Kör i höj- eller	Anmärkingar
	Diäm. tum	Bredd tum	Diäm. tum	Bredd tum					



36	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
37	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
38	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
39	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
40	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
41	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
42	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
43	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
44	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
45	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
46	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
47	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
48	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
49	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
50	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
51	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
52	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
53	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
54	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
55	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
56	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
57	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	
58	4 1/4	4 1/4	6	3 1/2	1 1/2	1 1/2	O	

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Cylindrica R. naxifolia

No.	Cylindrica R. naxifolia	Cylindrica R. naxifolia		Cylindrica R. naxifolia	
		height	width	height	width
1	H	1.2	1.0	1.2	1.0
2	H	1.3	1.1	1.3	1.1
3	H	1.4	1.2	1.4	1.2
4	H	1.5	1.3	1.5	1.3
5	H	1.6	1.4	1.6	1.4
6	H	1.7	1.5	1.7	1.5
7	H	1.8	1.6	1.8	1.6
8	H	1.9	1.7	1.9	1.7
9	H	2.0	1.8	2.0	1.8
10	H	2.1	1.9	2.1	1.9
11	H	2.2	2.0	2.2	2.0
12	H	2.3	2.1	2.3	2.1
13	H	2.4	2.2	2.4	2.2
14	H	2.5	2.3	2.5	2.3
15	H	2.6	2.4	2.6	2.4
16	H	2.7	2.5	2.7	2.5
17	H	2.8	2.6	2.8	2.6
18	H	2.9	2.7	2.9	2.7
19	H	3.0	2.8	3.0	2.8
20	H	3.1	2.9	3.1	2.9
21	H	3.2	3.0	3.2	3.0
22	H	3.3	3.1	3.3	3.1
23	H	3.4	3.2	3.4	3.2
24	H	3.5	3.3	3.5	3.3
25	H	3.6	3.4	3.6	3.4
26	H	3.7	3.5	3.7	3.5
27	H	3.8	3.6	3.8	3.6
28	H	3.9	3.7	3.9	3.7
29	H	4.0	3.8	4.0	3.8
30	H	4.1	3.9	4.1	3.9
31	H	4.2	4.0	4.2	4.0
32	H	4.3	4.1	4.3	4.1
33	H	4.4	4.2	4.4	4.2
34	H	4.5	4.3	4.5	4.3
35	H	4.6	4.4	4.6	4.4
36	H	4.7	4.5	4.7	4.5
37	H	4.8	4.6	4.8	4.6
38	H	4.9	4.7	4.9	4.7
39	H	5.0	4.8	5.0	4.8
40	H	5.1	4.9	5.1	4.9
41	H	5.2	5.0	5.2	5.0
42	H	5.3	5.1	5.3	5.1
43	H	5.4	5.2	5.4	5.2
44	H	5.5	5.3	5.5	5.3

No.	Cylindrica R. naxifolia
1	0.30
2	0.30
3	0.30
4	0.30
5	0.30
6	0.30
7	0.30
8	0.40
9	0.50
10	0.50
11	0.50
12	0.50
13	0.50
14	0.50
15	0.50
16	0.50
17	0.50
18	0.50
19	0.50
20	0.50
21	0.50
22	0.50
23	0.50
24	0.50
25	0.50
26	0.50
27	0.50
28	0.50
29	0.50
30	0.50
31	0.50
32	0.50
33	0.50
34	0.50
35	0.50
36	0.50
37	0.50
38	0.50
39	0.50
40	0.50
41	0.50
42	0.50
43	0.50
44	0.50

Cylindriska Kugghjul.

N:o	Kuggarnes				Diameter i delnings- cirkeln		Armarne antal.	Anmärkingar
	Delning verktum.	Antal.	Höjd verktum.	Bredd verktum.				
					tot.	tum.		
1	0,392	33	$\frac{9}{32}$	$1\frac{5}{16}$		$4\frac{1}{8}$	H	
2	0,392	42	$\frac{5}{16}$	$1\frac{3}{8}$		$5\frac{9}{32}$	H	
3	0,386	32	$\frac{5}{16}$	$\frac{7}{8}$		$3\frac{15}{16}$	H	
4	0,386	64	$\frac{5}{16}$	$\frac{7}{8}$		$7\frac{7}{8}$	H	
5	0,390	100	$\frac{9}{32}$	$1\frac{1}{8}$	1	$\frac{7}{16}$	5 R	
6	0,390	19	$\frac{9}{32}$	$1\frac{3}{16}$		$2\frac{3}{8}$	H	
7	0,385	28	$\frac{9}{32}$	$1\frac{3}{16}$		$3\frac{7}{16}$	H	
9	0,447	36	$\frac{3}{8}$	$1\frac{1}{4}$		$5\frac{1}{8}$	H	
12	0,53	26	$\frac{7}{16}$	$1\frac{1}{4}$		$4\frac{3}{8}$	H	
15	0,56	14	$\frac{7}{16}$	$\frac{7}{8}$		$2\frac{1}{2}$	H	
16	0,56	58	$\frac{7}{16}$	$\frac{7}{8}$		$10\frac{3}{8}$	5 R	
19	0,58	75	$\frac{3}{8}$	$1\frac{1}{4}$	1	$2\frac{1}{16}$	H	
20	0,58	20	$\frac{3}{8}$	$1\frac{5}{16}$		$3\frac{13}{16}$	H	
24	0,61	60	$\frac{3}{8}$	$1\frac{7}{8}$		$11\frac{11}{16}$	H	
25	0,61	20	$\frac{3}{8}$	$1\frac{7}{8}$		$3\frac{7}{8}$	H	
28	0,62	75	$\frac{7}{16}$	$1\frac{7}{16}$	1	$2\frac{3}{4}$	6 R	
29	0,62	16	$\frac{5}{16}$	$1\frac{9}{16}$		$3\frac{3}{16}$	H	
30	0,62	108	$\frac{7}{16}$	$1\frac{1}{4}$	1	$9\frac{5}{16}$	6 R	
31	0,62	45	$\frac{7}{16}$	$1\frac{5}{16}$		$8\frac{7}{8}$	7 R	
32	0,62	16	$\frac{3}{8}$	$1\frac{1}{4}$		$3\frac{3}{16}$	H	
34	0,62	56	$\frac{7}{16}$	$1\frac{1}{4}$		$11\frac{3}{32}$	H	
35	0,62	35	$\frac{7}{16}$	$1\frac{1}{4}$		$6\frac{15}{16}$	H	
36	0,62	54	$\frac{7}{16}$	$1\frac{1}{4}$		$10\frac{23}{32}$	H	
37	0,62	45	$\frac{7}{16}$	$1\frac{1}{4}$		$8\frac{15}{16}$	H	
38	0,62	41	$\frac{7}{16}$	$1\frac{1}{4}$		$8\frac{1}{8}$	H	
39	0,625	36	$\frac{7}{16}$	$1\frac{1}{4}$		$7\frac{3}{16}$	H	
40	0,625	27	$\frac{7}{16}$	$1\frac{1}{4}$		$5\frac{3}{8}$	H	
41	0,625	50	$\frac{7}{16}$	$1\frac{1}{4}$		10	H	
42	0,625	40	$\frac{7}{16}$	$1\frac{1}{4}$		8	H	
43	0,625	64	$\frac{7}{16}$	$1\frac{3}{8}$	1	$\frac{3}{4}$	H	
44	0,625	25	$\frac{7}{16}$	$1\frac{3}{8}$		5	H	

Cylindriska Kuggjul.

N:o	Delning verktum.	Kuggarnes			Diameter i delnings- cirkeln.		Armarnes antal.	Anmärkingar
		Antal.	Höjd verktum.	Bredd verktum.	fot.	tum.		
45	0,625	19	$\frac{7}{16}$	$1\frac{3}{8}$		$3\frac{13}{16}$	H	
46	0,625	18	$\frac{7}{16}$	$1\frac{3}{8}$		$3\frac{19}{32}$	H	
47	0,646	54	$\frac{7}{16}$	$1\frac{11}{16}$		$11\frac{1}{8}$	6 R	
50	0,638	15	$\frac{1}{2}$	$1\frac{3}{8}$		$3\frac{1}{16}$	H	
51	0,638	14	$\frac{15}{32}$	$1\frac{3}{8}$		$2\frac{7}{8}$	H	
56	0,714	68	$\frac{9}{16}$	$1\frac{9}{16}$	1	$3\frac{15}{32}$	H	
57	0,714	16	$\frac{9}{16}$	$1\frac{13}{16}$		$3\frac{11}{16}$	H	
58	0,718	62	$\frac{1}{2}$	$1\frac{3}{4}$	1	$2\frac{3}{16}$	6 R	
59	0,720	22	$\frac{1}{2}$	$1\frac{3}{4}$		$5\frac{1}{16}$	H	
60	0,720	22	$\frac{1}{2}$	$1\frac{3}{4}$		$5\frac{1}{16}$	H	
61	0,720	22	$\frac{1}{2}$	3		$5\frac{1}{16}$	H	
62	0,718	16	$\frac{7}{16}$	$1\frac{3}{4}$		$3\frac{11}{16}$	H	
63	0,74	16	$\frac{1}{2}$	$1\frac{7}{16}$		$3\frac{25}{32}$	H	
65	0,74	21	$\frac{1}{2}$	$1\frac{3}{8}$		5	H	
66	0,74	10	$\frac{1}{2}$	$1\frac{5}{8}$		$2\frac{13}{32}$	H	
67	0,75	34	$\frac{1}{2}$	$1\frac{3}{8}$		$8\frac{1}{8}$	4 R	
68	0,76	11	$\frac{1}{2}$	$1\frac{3}{8}$		$2\frac{11}{16}$	H	
87	0,83	24	$\frac{9}{16}$	$1\frac{3}{4}$		$6\frac{13}{32}$	H	
88	0,83	22	$\frac{9}{16}$	$1\frac{3}{4}$		$5\frac{27}{32}$	H	
89	0,83	17	$\frac{9}{16}$	$1\frac{3}{4}$		$4\frac{17}{32}$	H	
90	0,83	11	$\frac{5}{8}$	$1\frac{7}{16}$		$2\frac{15}{16}$	H	
95	0,87	31	$\frac{11}{16}$	$1\frac{13}{16}$		$8\frac{5}{8}$	H	
96	0,875	57	$\frac{9}{16}$	$1\frac{7}{8}$	1	$3\frac{7}{8}$	5 R	
97	0,875	25	$\frac{9}{16}$	$1\frac{7}{8}$		$6\frac{31}{32}$	H	
98	0,875	36	$\frac{9}{16}$	$1\frac{7}{8}$		$10\frac{1}{32}$	H	
99	0,875	16	$\frac{9}{16}$	$1\frac{7}{8}$		$4\frac{15}{32}$	H	
100	0,88	100	$\frac{5}{8}$	$1\frac{15}{16}$	2	$4\frac{1}{4}$	6 R	
101	0,88	16	$\frac{5}{8}$	$1\frac{7}{8}$		$4\frac{9}{16}$	H	
102	0,86	10	$\frac{9}{16}$	$2\frac{1}{8}$		$2\frac{3}{4}$	H	
103	0,89	36	$\frac{5}{8}$	$2\frac{1}{8}$		$10\frac{3}{16}$	H	
104	0,89	54	$\frac{5}{8}$	$2\frac{1}{8}$	1	$3\frac{5}{16}$	H	

Cylindriska Kuggjul.

N:o	Kuggarnes				Diameter i delnings- cirkeln.		Armanes antal.	Anmärkingar
	Delning verktum.	Antal.	Höjd verktum.	Bredd verktum.	fot.	tum.		
105	0,89	18	$\frac{5}{8}$	$2\frac{1}{8}$		$5\frac{1}{8}$	H	
106	0,89	61	$\frac{5}{8}$	$2\frac{1}{4}$	1	$5\frac{3}{8}$	H	
107	0,89	47	$\frac{5}{8}$	$2\frac{1}{4}$	1	$1\frac{3}{8}$	H	
108	0,89	15	$\frac{5}{8}$	$2\frac{1}{4}$		$4\frac{1}{4}$	H	
109	0,90	54	$1\frac{11}{16}$	$1\frac{5}{8}$	1	$3\frac{1}{2}$	4 K	
110	0,90	12	$1\frac{11}{16}$	$1\frac{11}{16}$		$3\frac{11}{16}$	H	
111	0,88	15	$\frac{5}{8}$	$1\frac{1}{2}$		$4\frac{1}{4}$	H	
120	0,96	21	$\frac{5}{8}$	$2\frac{3}{16}$		$6\frac{7}{16}$	H	
121	0,99	17	$\frac{3}{4}$	$2\frac{1}{8}$		$5\frac{3}{8}$	H	
122	0,99	16	$1\frac{11}{16}$	$2\frac{5}{8}$		$5\frac{1}{16}$	H	
124	0,54	14	$\frac{5}{16}$	$\frac{7}{8}$		$2\frac{7}{16}$	H	
140	1,	63	$1\frac{11}{16}$	$1\frac{1}{2}$	1	$8\frac{1}{16}$	6 R	
141	1,	14	$1\frac{11}{16}$	$1\frac{5}{8}$		$4\frac{15}{32}$	H	
142	1,	13	$1\frac{11}{16}$	$1\frac{5}{8}$		$4\frac{5}{32}$	H	
143	1,	12	$1\frac{11}{16}$	$1\frac{5}{8}$		$3\frac{7}{8}$	H	
144	1,	11	$\frac{5}{8}$	$1\frac{5}{8}$		$3\frac{17}{32}$	H	
145	1,	9	$1\frac{11}{16}$	$1\frac{3}{4}$		$2\frac{15}{16}$	H	
146	1,	115	$\frac{5}{8}$	$1\frac{1}{2}$	3	$\frac{5}{8}$	6 K	
147	1,	16	$\frac{5}{8}$	$1\frac{3}{4}$		$5\frac{1}{8}$	H	
148	1,	26	$\frac{5}{8}$	$1\frac{13}{16}$		$8\frac{9}{32}$	H	
149	1,	14	$\frac{5}{8}$	$1\frac{13}{16}$		$4\frac{1}{2}$	H	
150	1,	25	$\frac{5}{8}$	2		8	5 R	
151	1,	17	$\frac{3}{4}$	$2\frac{1}{8}$		$5\frac{15}{32}$	H	
152	1,	15	$1\frac{11}{16}$	$1\frac{1}{2}$		$4\frac{27}{32}$	H	
153	1,	47	$1\frac{11}{16}$	2	1	$2\frac{31}{32}$	H	
154	1,01	46	$1\frac{11}{16}$	$2\frac{1}{2}$	1	$2\frac{3}{4}$	H	
157	1,015	12	$1\frac{11}{16}$	$2\frac{1}{4}$		$3\frac{29}{32}$	H	
158	1,02	24	$1\frac{11}{16}$	$2\frac{3}{4}$		$7\frac{13}{16}$	H	
159	1,03	31	$1\frac{11}{16}$	$1\frac{5}{8}$		$10\frac{3}{16}$	H	
160	1,038	31	$1\frac{11}{16}$	$1\frac{15}{16}$		$10\frac{1}{4}$	H	
161	1,034	13	$1\frac{11}{16}$	$2\frac{3}{8}$		$4\frac{5}{16}$	H	

Cylindriska Kuggjul.

No	Kuggarnes				Diameter i delnings-cirkeln		Armarnes antal.	Anmärkningar
	Delning verktum.	Antal.	Höjd verktum.	Bredd verktum.	fot.	tum.		
170	1,062	104	$\frac{3}{4}$	2	2	$11\frac{3}{16}$	6 R	
171	1,062	18	$\frac{3}{4}$	$2\frac{3}{16}$		$6\frac{3}{32}$	H	
172	1,062	21	$\frac{3}{4}$	$2\frac{3}{16}$		$7\frac{3}{32}$	H	
173	1,059	29	$\frac{3}{4}$	$2\frac{3}{16}$		$9\frac{25}{32}$	H	
174	1,057	41	$\frac{3}{4}$	$2\frac{3}{16}$	1	$11\frac{13}{16}$	4 R	
178	1,068	13	$1\frac{1}{16}$	$1\frac{7}{8}$		$4\frac{15}{32}$	H	
179	1,03	15	$\frac{5}{8}$	$2\frac{1}{4}$		$5\frac{3}{16}$	H	
180	1,09	15	$\frac{5}{8}$	$1\frac{15}{16}$		$5\frac{1}{4}$	H	
184	1,10	15	$1\frac{1}{16}$	2		$5\frac{1}{4}$	H	
187	1,117	23	$\frac{13}{16}$	$2\frac{1}{2}$		$8\frac{3}{16}$	H	
188	1,117	13	$\frac{13}{16}$	$2\frac{1}{2}$		$4\frac{21}{32}$	H	
189	1,118	12	$\frac{13}{16}$	$2\frac{1}{2}$		$4\frac{5}{16}$	H	
190	1,118	25	$\frac{3}{4}$	$2\frac{11}{16}$		$8\frac{29}{32}$	H	
191	1,123	58	$\frac{3}{4}$	$1\frac{1}{2}$	1	$8\frac{3}{4}$	5 R	
192	1,123	11	$\frac{3}{4}$	$2\frac{1}{2}$		4	H	
193	1,125	16	$2\frac{3}{32}$	$1\frac{15}{16}$		$5\frac{3}{4}$	H	
194	1,125	7	$\frac{9}{16}$	$1\frac{1}{2}$		$2\frac{19}{32}$	H	
196	1,17	116	$\frac{7}{8}$	$2\frac{9}{16}$	3	$7\frac{3}{8}$	6 R	
197	1,197	13	$\frac{13}{16}$	3		5	H	
198	1,197	39	$\frac{13}{16}$	3	1	$2\frac{7}{8}$	H	
200	1,25	100	$\frac{7}{8}$	$2\frac{1}{4}$	3	$3\frac{13}{16}$	6 R	
201	1,25	23	$\frac{13}{16}$	$2\frac{1}{2}$		$9\frac{5}{32}$	H	
202	1,25	20	$\frac{13}{16}$	$2\frac{1}{2}$		$7\frac{3}{32}$	H	
203	1,25	15	$\frac{13}{16}$	$2\frac{1}{2}$		6	H	
204	1,24	12	$\frac{7}{8}$	3		$4\frac{25}{32}$	H	
205	1,25	13	$\frac{7}{8}$	3		$5\frac{1}{4}$	H	
206	1,25	17	$\frac{13}{16}$	3		$6\frac{25}{32}$	H	
207	1,25	21	$\frac{13}{16}$	3		$8\frac{3}{8}$	H	
208	1,25	39	$\frac{7}{8}$	3	1	$3\frac{9}{16}$	H	
209	1,255	52	$\frac{7}{8}$	3	1	$8\frac{13}{16}$	4 R	
210	1,255	68	$\frac{7}{8}$	3	2	$3\frac{3}{16}$	4 R	

Cylindriska Kugghjul.

N:o	Kuggarnes				Diameter i delnings-eirkeln.		Armarnes antal.	Anmärkingar
	Delning vertum.	Antal.	Höjd vertum.	Bredd vertum.	fot.	tum.		
211	1,25	31	$\frac{7}{8}$	2	1	$1\frac{1}{32}$	5 R	
212	1,25	14	$\frac{7}{8}$	2		$5\frac{19}{32}$	H	
228	1,3	20	$\frac{7}{8}$	$1\frac{3}{4}$		$8\frac{11}{32}$	H	
233	1,33	56	$\frac{7}{8}$	$2\frac{1}{8}$	1	$11\frac{13}{16}$	H	
234	1,33	11	$\frac{7}{8}$	$2\frac{1}{8}$		$4\frac{13}{16}$	H	
235	1,33	21	$\frac{7}{8}$	$2\frac{1}{8}$		$8\frac{15}{16}$	H	
236	1,36	15	$\frac{13}{16}$	$2\frac{3}{4}$		$6\frac{9}{16}$	H	
240	1,375	16	$\frac{7}{8}$	$2\frac{5}{8}$		$7\frac{1}{16}$	H	
241	1,375	15	$\frac{7}{8}$	$2\frac{1}{2}$		$6\frac{5}{8}$	H	
242	1,401	114	1	$4\frac{13}{16}$	4	$2\frac{7}{8}$	6 R	
245	1,43	13	$\frac{15}{16}$	$3\frac{1}{2}$		6	H	
246	1,248	106	$\frac{7}{8}$	$2\frac{3}{8}$	3	$6\frac{1}{8}$	6 R	
247	1,248	15	$\frac{7}{8}$	$2\frac{5}{8}$		$5\frac{31}{32}$	H	
248	1,185	48	$\frac{13}{16}$	$3\frac{1}{2}$	1	$6\frac{1}{8}$	H	
249	1,481	12	1	$4\frac{1}{4}$		$5\frac{11}{16}$	H	
250	1,481	40	1	$3\frac{11}{16}$	1	$6\frac{7}{8}$	H	
260	1,507	75	$1\frac{1}{16}$	4	3		6 R	
261	1,507	11	$1\frac{1}{16}$	$4\frac{1}{4}$		$5\frac{3}{8}$	H	
263	1,5	13	1	$3\frac{7}{16}$		$6\frac{9}{32}$	H	
264	1,5	14	1	$3\frac{7}{16}$		$6\frac{3}{4}$	H	
265	1,5	15	1	$3\frac{7}{16}$		$7\frac{7}{32}$	H	
266	1,504	13	$1\frac{1}{16}$	$3\frac{13}{16}$		$6\frac{5}{16}$	H	
267	1,5	40	$\frac{7}{8}$	3	1	$7\frac{1}{8}$	6 R	
268	1,5	16	$\frac{7}{8}$	3		$7\frac{11}{16}$	H	
278	1,553	12	1	$3\frac{1}{2}$		6	H	
279	1,57	11	$\frac{7}{8}$	3		$5\frac{5}{8}$	H	
280	1,57	27	$\frac{7}{8}$	3	1	$1\frac{1}{2}$	H	
286	1,612	13	$1\frac{1}{16}$	$3\frac{3}{16}$		$6\frac{3}{4}$	H	
288	1,616	85	$1\frac{1}{16}$	$2\frac{7}{8}$	3	$7\frac{3}{4}$	6 R	
289	1,616	13	$1\frac{1}{16}$	$3\frac{3}{16}$		$6\frac{3}{4}$	H	
290	1,616	15	$1\frac{1}{16}$	$3\frac{3}{16}$		$7\frac{25}{32}$	H	

Cylindriska Kugghjul.

N:o	Kuggarnes				Diameter i delnings-cirkeln.		Annarnes antal.	Anmärkningar
	Delning verktum.	Antal.	Höjd verktum.	Bredd verktum.	fot.	tum.		
291	1,61	18	1 ¹ / ₁₆	3 ¹ / ₂		9 ¹ / ₄	H	
292	1,6	23	1 ¹ / ₁₆	2 ⁷ / ₈		11 ³ / ₄	H	
293	1,619	24	1 ¹ / ₈	3	1	³ / ₈	H	
294	1,619	24	1 ¹ / ₁₆	2 ¹ / ₄	1	³ / ₈	4 R	
295	1,625	16	1 ¹ / ₁₆	2 ¹ / ₄		8 ⁵ / ₁₆	H	
296	1,625	30	1 ¹ / ₁₆	3	1	3 ⁹ / ₁₆	H	
300	1,638	92	1 ¹ / ₈	3 ¹ / ₂	4		6 R	
301	1,638	23	1 ¹ / ₈	3 ¹ / ₂	1		H	
302	1,692	96	1 ¹ / ₈	4 ³ / ₁₆	4	3 ³ / ₄	6 R	
303	1,692	96	1 ¹ / ₈	4 ³ / ₁₆	4	3 ³ / ₄	8 R	
304	1,697	77	1 ¹ / ₈	4 ³ / ₁₆	3	5 ⁵ / ₈	6 R	
305	1,696	76	1 ¹ / ₈	4 ³ / ₁₆	3	5 ¹ / ₁₆	6 R	
306	1,697	51	1 ¹ / ₈	4 ³ / ₁₆	2	3 ⁹ / ₁₆	6 R	
307	1,694	30	1 ¹ / ₈	4 ¹ / ₄	1	4 ³ / ₁₆	H	
308	1,694	24	1 ³ / ₁₆	4 ¹ / ₄	1	1	H	
309	1,694	19	1 ¹ / ₈	4 ¹ / ₈		10 ¹ / ₄	H	
310	1,687	14	1 ³ / ₁₆	4		7 ¹⁹ / ₃₂	H	
311	1,687	38	1 ¹ / ₈	3 ³ / ₈	1	8 ¹⁷ / ₃₂	4 R	
325	1,745	28	1 ¹ / ₄	4 ¹ / ₂	1	3 ⁹ / ₁₆	4 R	
326	1,759	57	1 ³ / ₁₆	4 ¹ / ₁₆	2	7 ¹⁵ / ₁₆	6 R	
327	1,748	34	1 ³ / ₁₆	4 ¹ / ₁₆	1	6 ¹⁵ / ₁₆	4 R	
328	1,926	22	1 ¹ / ₄	3 ⁷ / ₈	1	1 ¹ / ₂	4 R	
350	2,	81	1 ⁷ / ₁₆	5 ¹ / ₂	4	3 ¹⁹ / ₃₂	6 R	
351	2,	75	1 ⁷ / ₁₆	5 ¹ / ₂	3	11 ³ / ₄	6 R	
352	2,	56	1 ⁷ / ₁₆	5 ¹ / ₂	2	11 ¹¹ / ₁₆	6 R	
353	2,	20	1 ³ / ₈	4 ¹ / ₈	1	³ / ₄	H	
354	2,036	37	1 ⁵ / ₁₆	3 ¹ / ₂	2		6 R	
355	2,036	12	1 ⁵ / ₁₆	3 ¹ / ₂		7 ⁷ / ₈	H	
356	2,025	12	1 ³ / ₈	4		7 ¹³ / ₁₆	H	
357	2,037	25	1 ¹ / ₈	5	1	4 ¹ / ₄	H	
358	2,037	39	1 ¹ / ₈	5	2	1 ⁵ / ₁₆	4 R	

Cylindriska Kugghjul.

N:o	Kuggarnes				Diameter i delnings- cirkeln.		Anmärknings antal.	Anmärkingar
	Delning verktum.	Antal.	Höjd verktum.	Bredd verktum.	fot.	tum.		
359	2,037	16	1 ¹ / ₈	5		10 ⁷ / ₁₆	H	
360	2,074	42	1 ³ / ₁₆	5	2	3 ³ / ₄	4 R	
361	2,062	24	1 ⁷ / ₁₆	6	1	3 ³ / ₄	4 R	
362	2,062	25	1 ⁷ / ₁₆	6	1	4 ⁷ / ₁₆	4 R	
363	2,015	13	1	5 ¹ / ₁₆		8 ⁷ / ₁₆	H	
364	2,078	12	1 ³ / ₁₆	5 ¹ / ₄		8	H	
365	2,083	13	1 ¹ / ₄	5		8 ³ / ₄	H	
366	2,137	14	1 ¹ / ₄	5		9 ⁵ / ₈	H	
367	2,097	11	1 ³ / ₈	4 ⁷ / ₁₆		7 ¹⁵ / ₃₂	H	
368	2,125	12	1 ⁷ / ₁₆	4 ¹ / ₄		8 ³ / ₁₆	H	
369	2,102	35	1 ⁹ / ₁₆	5 ¹⁵ / ₁₆	1	11 ⁷ / ₁₆	4 R	
370	2,109	28	1 ¹ / ₂	6	1	6 ¹³ / ₁₆	4 R	
372	2,111	33	1 ¹ / ₂	4 ¹ / ₂	1	10 ³ / ₁₆	3 R	
373	2,158	136	1 ⁵ / ₈	5	7	9 ¹ / ₂	8 R	
374	2,160	19	1 ⁹ / ₁₆	5	1	1 ³ / ₁₆	H	
375	2,165	28	1 ⁷ / ₁₆	5	1	7 ⁵ / ₁₆	4 R	
376	2,165	16	1 ¹ / ₂	5		11 ¹ / ₈	H	
377	2,21	12	1 ¹ / ₄	8		8 ¹⁷ / ₃₂	H	
378	2,21	24	1 ¹ / ₄	8	1	4 ¹⁵ / ₁₆	H	
379	2,227	40	1 ¹ / ₂	4 ¹ / ₄	2	4 ³ / ₈	4 R	
380	2,227	14	1 ¹ / ₂	4 ³ / ₈		10	H	
381	2,231	76	1 ⁹ / ₁₆	4 ⁹ / ₁₆	4	6	6 R	
388	2,244	32	1 ¹ / ₂	6	1	10 ⁷ / ₈	4 R	
389	2,25	26	1 ⁹ / ₁₆	7	1	6 ⁵ / ₈	4 R	
390	2,25	25	1 ⁷ / ₈	7 ¹ / ₄	1	5 ¹⁵ / ₁₆	H	
391	2,252	94	1 ¹ / ₄	2 ⁹ / ₁₆	5	7 ⁷ / ₁₆	8 R	
392	2,259	15	1 ¹ / ₄	3		10 ⁷ / ₈	H	
393	2,25	19	1 ¹ / ₂	6	1	1 ¹¹ / ₁₆	H	
394	2,29	16	1 ⁷ / ₁₆	5		11 ¹¹ / ₁₆	H	
395	2,25	14	1 ¹ / ₁₆	12		10 ¹ / ₈	H	
396	2,26	21	1 ¹ / ₄	12	1	3 ³ / ₁₆	H	

Cylindriska Kugghjul.

N:o	Kuggarnes				Diameter i delnings-enkeln.		Anrnarnes antal.	Anmärkningar
	Delning verktum.	Antal.	Höjd verktum.	Bredd verktum.	fot.	tum.		
398	2,302	37	1 $\frac{1}{2}$	5 $\frac{3}{8}$	2	3 $\frac{1}{8}$	4 R	
399	2,349	36	1 $\frac{1}{2}$	5 $\frac{3}{4}$	2	2 $\frac{15}{16}$	4 R	
400	2,349	21	1 $\frac{3}{8}$	6	1	3 $\frac{3}{4}$	4 R	
402	2,390	12	1 $\frac{3}{8}$	10		9 $\frac{1}{4}$	H	
403	2,40	21	1 $\frac{9}{16}$	5 $\frac{1}{2}$	1	4 $\frac{1}{16}$	H	
404	2,411	105	1 $\frac{9}{16}$	5 $\frac{1}{2}$	6	8 $\frac{5}{8}$	8 R	
405	2,43	31	1 $\frac{9}{16}$	6 $\frac{3}{4}$	2		5 R	
406	2,43	26	1 $\frac{9}{16}$	6 $\frac{3}{4}$	1	8 $\frac{1}{8}$	4 R	
407	2,43	23	1 $\frac{9}{16}$	6 $\frac{3}{4}$	1	5 $\frac{13}{16}$	4 R	
408	2,296	20	1 $\frac{7}{16}$	6	1	2 $\frac{5}{8}$	H	
411	2,485	45	1 $\frac{7}{8}$	6	2	11 $\frac{5}{8}$	6 R	Modellen i 2 halfvor.
425	2,5	25	1 $\frac{9}{16}$	6 $\frac{3}{4}$	1	7 $\frac{15}{16}$	4 R	
426	2,5	26	1 $\frac{9}{16}$	6 $\frac{3}{4}$	1	8 $\frac{3}{4}$	4 R	
427	2,5	27	1 $\frac{9}{16}$	6 $\frac{3}{4}$	1	9 $\frac{1}{2}$	4 R	
428	2,5	22	1 $\frac{9}{16}$	6 $\frac{3}{4}$	1	5 $\frac{9}{16}$	4 R	
429	2,5	20	1 $\frac{9}{16}$	6 $\frac{3}{4}$	1	4	4 R	
430	2,5	20	1 $\frac{7}{8}$	6 $\frac{1}{2}$	1	4	4 R	
431	2,5	21	1 $\frac{7}{8}$	6	1	4 $\frac{3}{4}$	H	
432	2,5	114	1 $\frac{11}{16}$	6	7	6 $\frac{3}{4}$	6 R	
433	2,5	45	1 $\frac{11}{16}$	6 $\frac{1}{2}$	2	11 $\frac{13}{16}$	5 R	
434	2,5	15	1 $\frac{1}{2}$	6	1	$\frac{1}{16}$	H	
435	2,5	10	1 $\frac{1}{2}$	6		8 $\frac{1}{8}$	H	
436	2,5	14	1 $\frac{1}{2}$	10 $\frac{3}{4}$		11 $\frac{1}{4}$	H	
437	2,502	48	1 $\frac{3}{4}$	5 $\frac{1}{2}$	3	2 $\frac{1}{4}$	8 R	
438	2,509	33	1 $\frac{7}{8}$	6	2	2 $\frac{3}{8}$	5 R	
439	2,513	42	1 $\frac{3}{4}$	6	2	9 $\frac{5}{8}$		En ring i 2:ne halfvor.
440	2,528	35	1 $\frac{1}{2}$	6	2	4 $\frac{3}{16}$		En ring.
441	2,518	24	1 $\frac{9}{16}$	6	1	7 $\frac{1}{4}$	4 R	
442	2,514	37	1 $\frac{3}{4}$	8 $\frac{3}{4}$	2	5 $\frac{5}{8}$	5 R	
456	2,58	28	1 $\frac{1}{8}$	10	1	11	6 R	F. F.
457	2,658	31	1 $\frac{3}{4}$	5	2	2 $\frac{1}{4}$	4 R	

Cylindriska Kuggjul.

No:	Kuggarnes				Diameter i dehnings-cirkeln.		Anmärknings antal.	Anmärkingar
	Dehnings verktum.	Antal.	Höjd verktum.	Bredd verktum.	Diameter i			
					tot.	tum.		
458	2,59	12	1 ¹ / ₈	10		10	H	F. F.
459	2,68	14	1 ⁵ / ₈	12	1		H	F. F.
460	2,7	26	1 ¹¹ / ₁₆	7	1	10 ³ / ₈	4 R	
461	2,7	42	1 ¹¹ / ₁₆	7	3	1 ¹ / ₈	6 R	
465	2,745	21	1 ⁷ / ₈	6 ¹ / ₂	1	6 ³ / ₈	4 R	
466	2,75	46	1 ⁷ / ₈	7 ³ / ₄	3	4 ⁹ / ₃₂	6 R	F. F.
467	2,75	27	1 ⁷ / ₈	7 ³ / ₄	1	11 ⁵ / ₈	H	F. F.
469	2,873	84	2 ¹ / ₁₆	6 ⁷ / ₈	6	4 ⁷ / ₈	6 R	
470	2,873	28	2 ¹ / ₁₆	7	2	1 ⁵ / ₈	4 R	
471	2,934	21	2 ¹ / ₁₆	7 ⁷ / ₈	1	7 ⁵ / ₈		En ring.
472	2,94	16	1 ³ / ₄	12	1	3	H	
473	2,98	17	2 ¹ / ₈	7	1	4 ¹ / ₄	H	Dubbeltrilla.
474	2,98	16	1 ⁷ / ₈	6 ⁵ / ₈	1	3 ⁵ / ₁₆	4 R	
475	2,99	125	2 ¹ / ₁₆	7	9	11 ¹ / ₈	8 R	
476	2,99	21	2 ¹ / ₁₆	7 ¹ / ₂	1	8	H	
477	2,98	12	1 ³ / ₄	8 ¹ / ₂		11 ¹ / ₂	H	
490	3,	84	1 ¹³ / ₁₆	8	6	8 ³ / ₈	6 R	
491	3,	22	1 ¹³ / ₁₆	8	1	9 ¹ / ₁₆	H	
492	3,	19	1 ¹³ / ₁₆	8	1	6 ¹ / ₄	4 R	
493	3,	23	1 ³ / ₄	6	1	10	4 R	
494	3,	24	1 ³ / ₄	8	1	11	6 R	
495	3,036	38	1 ³ / ₄	9	3	3 ³ / ₄	6 R	
496	3,036	18	1 ³ / ₄	9	1	5 ⁷ / ₁₆	H	
497	3,034	28	1 ³ / ₄	9	2	3 ¹ / ₁₆	H	
498	3,02	16	1 ³ / ₄	9 ¹ / ₄	1	3 ¹ / ₂	H	
499	3,035	16	1 ¹ / ₂	9	1	3 ⁹ / ₁₆	H	
503	3,297	80	2	9	7		6 R	
504	3,297	27	2	9	2	4 ³ / ₈	6 R	
505	3,316	30	2 ³ / ₁₆	9 ⁷ / ₁₆	2	7 ¹¹ / ₁₆	6 R	
506	3,532	96	2 ¹ / ₄	10	9		8 R	
507	3,54	30	2 ¹ / ₄	10	2	9 ¹⁵ / ₁₆	6 R	

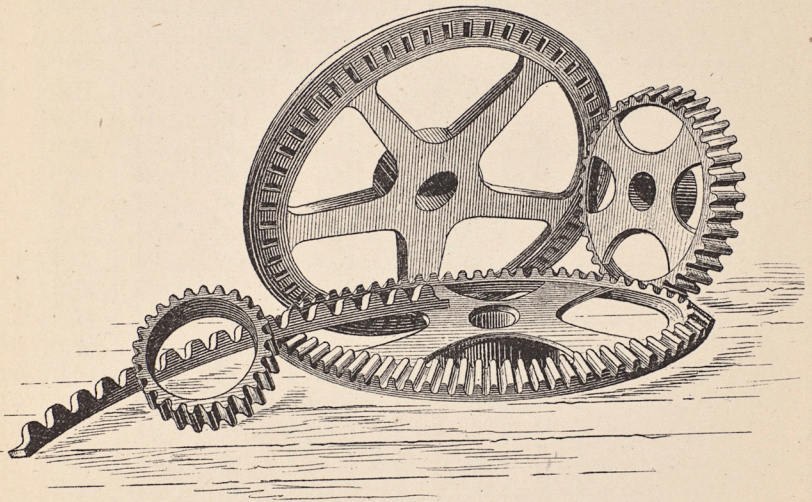
Cylindriska Kugghjul för Tråkuggar.

N:o	Kuggarnes		Diameter i delnings-cirkeln.		Ringens			Kugghålens bredd.	Armanes antal.	Anmärkn.
	Delning vektum.	Antal.			Diameter.		Bredd			
			fot	tum.	fot	tum.				
	1	1,287	105	3	7 ^{1/16}	3	6			
2	1,401	100	3	8 ^{5/8}	3	7 ^{1/2}	4 ^{3/16}	2 ^{7/8}	5	
3	1,401	108	4	2 ^{1/16}	3	11 ^{1/16}	4 ^{1/4}	2 ^{7/8}	5	
4	1,402	117	4	4 ^{1/4}	4	3 ^{1/8}	4 ^{1/4}	2 ^{7/8}	5	
5	1,41	90	3	4 ^{7/16}	3	3 ^{5/16}	4 ^{3/16}	2 ^{7/8}	5	
6	1,6	144	6	1 ^{3/8}	6	1 ^{1/8}	4 ^{9/16}	2 ^{7/8}		
7	1,607	52	2	2 ^{5/8}	2	1 ^{3/8}	3 ^{7/8}	2 ^{5/16}	4	
8	1,653	120	5	3 ^{3/16}	5	1 ^{7/8}	3 ^{1/2}	2 ^{3/16}	8	
9	1,686	64	2	10 ^{3/8}	2	9	4 ^{1/2}	2 ^{11/16}	4	
10	1,7	70	3	1 ^{7/8}	3	1/2	4 ^{5/16}	2 ^{3/4}	5	
11	1,7	51	2	3 ^{5/8}	2	2 ^{1/4}	5 ^{3/8}	3 ^{3/8}	4	
12	1,703	50	2	3 ^{1/8}	2	1 ^{3/4}	4 ^{5/16}	2 ^{11/16}	5	
13	2,	112	5	11 ^{5/16}	5	9 ^{11/16}	5 ^{9/16}	4	8	
14	2,087	132	7	3 ^{3/4}	7	2	6	3 ^{7/8}	8	
15	2,113	45	2	6 ^{1/4}	2	4 ^{1/2}	4 ^{15/16}	3 ^{1/8}	5	
16	2,15	50	2	10 ^{1/4}	2	8 ^{1/2}	6 ^{1/16}	4 ^{1/16}	5	
17	2,174	85	4	10 ^{7/8}	4	9 ^{1/8}	6 ^{1/16}	4	6	
18	2,25	124	7	4 ^{7/8}	7	3	7 ^{3/4}	4 ^{13/16}	6	
19	2,28	22	1	4	1	2 ^{1/4}	6 ^{1/8}	4 ^{5/16}	4	
20	2,302	74	4	6 ^{1/4}	4	4 ^{3/8}	7 ^{1/2}	4 ^{5/8}	6	
21	2,512	120	8		7	10	7	4	8	
22	2,512	160	10	8	10	6	9 ^{1/8}	5 ^{1/2}	8	
23	2,605	72	4	11 ^{3/4}	4	9 ^{5/8}	6 ^{1/2}	4 ^{3/4}	8	

Kuggstänger.

N:o	Kuggarnes				Stångens längd.		Anmärkingar.
	Delning vektum.	Antal.	Höjd tum.	Bredd tum.	tot.	tum.	
1	0,625	13	$\frac{7}{16}$	$1\frac{1}{2}$		$8\frac{1}{2}$	
2	0,74	24	$\frac{1}{2}$	$1\frac{1}{2}$	1	9	
3	0,875	42	$\frac{9}{16}$	$1\frac{7}{8}$	3	$3\frac{3}{4}$	
4	1,007	48	$\frac{5}{8}$	2	4	$1\frac{1}{4}$	
5	0,996	24	$\frac{11}{16}$	$2\frac{1}{4}$	2	$6\frac{1}{4}$	
6	1,053	8	$\frac{11}{16}$	1		10	
7	1,216	45	$\frac{7}{8}$	3	4	7	
8	1,255	54	$\frac{7}{8}$	3	5	8	
9	1,25	14	$\frac{11}{16}$	$2\frac{7}{16}$	1	$5\frac{7}{8}$	
10	1,25	12	$\frac{15}{16}$	2	2	6	
11	1,291	12	$\frac{5}{8}$	$1\frac{3}{8}$	3		
12	1,291	12	$\frac{5}{8}$	$1\frac{3}{8}$	2	7	
13	1,502	32	$1\frac{1}{16}$	$2\frac{1}{2}$	4	$1\frac{1}{4}$	
14	1,553	30	1	$3\frac{1}{2}$	4	$4\frac{3}{4}$	
15	1,617	34	$1\frac{1}{8}$	$2\frac{1}{4}$	4	7	





Koniska Keskjal

Aastakirjused	Aastatimes	Aastatimes	Kõrgus		Aastatimes	Aastatimes	Aastatimes	Aastatimes
			Alus	Tipu				
1898	H	0	1	1	1	1	1	1
1899	H	0	1	1	1	1	1	1
1900	H	0	1	1	1	1	1	1
1901	H	0	1	1	1	1	1	1
1902	H	0	1	1	1	1	1	1
1903	H	0	1	1	1	1	1	1
1904	H	0	1	1	1	1	1	1
1905	H	0	1	1	1	1	1	1
1906	H	0	1	1	1	1	1	1
1907	H	0	1	1	1	1	1	1
1908	H	0	1	1	1	1	1	1
1909	H	0	1	1	1	1	1	1
1910	H	0	1	1	1	1	1	1
1911	H	0	1	1	1	1	1	1
1912	H	0	1	1	1	1	1	1
1913	H	0	1	1	1	1	1	1
1914	H	0	1	1	1	1	1	1
1915	H	0	1	1	1	1	1	1
1916	H	0	1	1	1	1	1	1
1917	H	0	1	1	1	1	1	1
1918	H	0	1	1	1	1	1	1
1919	H	0	1	1	1	1	1	1
1920	H	0	1	1	1	1	1	1
1921	H	0	1	1	1	1	1	1
1922	H	0	1	1	1	1	1	1
1923	H	0	1	1	1	1	1	1
1924	H	0	1	1	1	1	1	1
1925	H	0	1	1	1	1	1	1
1926	H	0	1	1	1	1	1	1
1927	H	0	1	1	1	1	1	1
1928	H	0	1	1	1	1	1	1
1929	H	0	1	1	1	1	1	1
1930	H	0	1	1	1	1	1	1
1931	H	0	1	1	1	1	1	1
1932	H	0	1	1	1	1	1	1
1933	H	0	1	1	1	1	1	1
1934	H	0	1	1	1	1	1	1
1935	H	0	1	1	1	1	1	1
1936	H	0	1	1	1	1	1	1
1937	H	0	1	1	1	1	1	1
1938	H	0	1	1	1	1	1	1
1939	H	0	1	1	1	1	1	1
1940	H	0	1	1	1	1	1	1
1941	H	0	1	1	1	1	1	1
1942	H	0	1	1	1	1	1	1
1943	H	0	1	1	1	1	1	1
1944	H	0	1	1	1	1	1	1
1945	H	0	1	1	1	1	1	1
1946	H	0	1	1	1	1	1	1
1947	H	0	1	1	1	1	1	1
1948	H	0	1	1	1	1	1	1
1949	H	0	1	1	1	1	1	1
1950	H	0	1	1	1	1	1	1

Year	Value
1898	26
1899	26
1900	22
1901	19
1902	51
1903	12
1904	40
1905	13
1906	18
1907	10
1908	10
1909	50
1910	10
1911	28
1912	19
1913	38
1914	19
1915	42
1916	18
1917	21
1918	84
1919	30
1920	94
1921	28
1922	18
1923	25
1924	25
1925	74
1926	84
1927	19
1928	43
1929	14

Koniska Kugghjul.

N:o	Kuggarnes				Diameter i delnings-cirkeln		Anmärkes antal.	Anmärkingar
	Delning verktum.	Antal.	Höjd verktum.	Bredd verktum.	fot.	tum.		
1	0,29	26	$\frac{3}{16}$	$\frac{13}{16}$		$2\frac{13}{32}$	H	45°
2	0,4	26	$\frac{5}{16}$	$\frac{15}{16}$		$3\frac{5}{16}$	H	45°
3	0,57	22	$\frac{3}{8}$	1		4	H	45°
4	0,77	19	$\frac{7}{16}$	$\frac{15}{16}$		$4\frac{11}{16}$	H	45°
5	0,35	51	$\frac{1}{4}$	$\frac{11}{16}$		$5\frac{3}{4}$		En ring.
6	0,35	12	$\frac{1}{4}$	$\frac{3}{4}$		$1\frac{7}{16}$	H	
7	0,5	40	$\frac{3}{8}$	1		$6\frac{7}{16}$	H	
8	0,5	15	$\frac{3}{8}$	1		$2\frac{7}{16}$	H	
9	0,67	18	$\frac{5}{16}$	$\frac{11}{16}$		$3\frac{7}{8}$	H	
10	0,67	10	$\frac{5}{16}$	$\frac{3}{4}$		$2\frac{3}{16}$	H	
11	0,74	50	$\frac{1}{2}$	2		$11\frac{7}{8}$	H	
12	0,74	10	$\frac{1}{2}$	2		$2\frac{7}{16}$	H	
13	0,90	28	$\frac{5}{8}$	$1\frac{1}{2}$		$8\frac{1}{16}$	H	
14	0,90	19	$\frac{5}{8}$	$1\frac{1}{2}$		$5\frac{7}{16}$	H	
15	0,99	38	$\frac{11}{16}$	$2\frac{1}{4}$	1		H	
16	0,99	19	$\frac{11}{16}$	$2\frac{1}{4}$		6	H	
17	0,99	42	$\frac{5}{8}$	$1\frac{1}{2}$	1	$1\frac{5}{16}$	5	
18	0,99	18	$\frac{5}{8}$	$1\frac{1}{2}$		$5\frac{11}{16}$	H	
19	0,89	21	$\frac{5}{8}$	$1\frac{3}{4}$		6	H	55° vinkel mot N:o 20
20	0,89	84	$\frac{5}{8}$	$1\frac{3}{4}$	2		6	45°
21	0,63	30	$\frac{7}{16}$	$1\frac{1}{4}$		6	H	45°
22	0,99	94	$\frac{3}{4}$	$2\frac{1}{4}$	2	$5\frac{5}{8}$	6	45°
23	1,	28	$\frac{3}{4}$	$1\frac{5}{8}$		9	H	45°
24	1,05	18	$\frac{5}{8}$	$1\frac{13}{16}$		$6\frac{1}{16}$	H	45°
25	1,24	25	$\frac{13}{16}$	$1\frac{3}{8}$		$9\frac{7}{8}$	H	45°
26	1,25	25	$\frac{7}{8}$	2		10	H	45°
27	1,27	74	$\frac{7}{8}$	$2\frac{1}{2}$	2	6	6	45°
35	1,25	84	$\frac{3}{4}$	2	2	$9\frac{7}{16}$	6	
36	1,25	19	$\frac{3}{4}$	2		$7\frac{9}{16}$	H	
37	1,34	42	$\frac{13}{16}$	$2\frac{1}{2}$	1	6	4	
38	1,34	14	$\frac{13}{16}$	$2\frac{1}{2}$		6	H	

Koniska Kugghjul.

N:o	Kuggarnes				Diameter i delnings-cirkeln.		Anmärnes antal.	Anmärkningar
	Delning verktum.	Antal.	Höjd verktum.	Bredd verktum.	fot.	tum.		
39	1,5	21	1	2 ¹ / ₈		10	H	77° vinkel mellan axlarna.
40	1,52	62	1	3 ¹ / ₂	2	6 ³ / ₁₆		21" 8-kantigt hål.
41	1,52	75	1	3 ¹ / ₂	3	1 ¹ / ₈	6	
42	1,57	48	7 ⁷ / ₈	3	2		4	
43	1,57	16	7 ⁷ / ₈	3		8 ¹ / ₁₆	H	
44	1,66	64	1 ¹ / ₈	3 ¹ / ₂	2	10	6	
45	1,66	15	1 ¹ / ₈	3 ¹ / ₂		8	H	
46	1,84	40	1 ³ / ₁₆	3 ⁵ / ₈	1	11 ¹ / ₂	4	
47	1,84	29	1 ³ / ₁₆	3 ⁵ / ₈	1	5 ¹ / ₁₆	4	
48	1,96	108	1 ¹ / ₈	3 ¹³ / ₁₆	5	7 ¹ / ₂	6	
49	1,96	20	1 ¹ / ₈	3 ⁷ / ₈	1	1 ¹ / ₂	H	
61	1,02	55	Trä-	kuggar	1	6	5	45°
62	1,02	55	³ / ₄	3 ¹ / ₂	1	6	4	45°
63	1,52	36	1	3 ¹ / ₂	1	5 ¹ / ₂	H	45°
64	1,52	36	Trä-	kuggar	1	5 ¹ / ₂	4	45°
65	2,03	37	1 ³ / ₁₆	3 ¹ / ₂	2		4	45°
66	2,03	37	Trä-	kuggar	2		4	45°
67	2,28	40	1 ⁹ / ₁₆	6	2	5 ¹ / ₁₆	4	45°
68	2,28	40	Trä-	kuggar	2	5 ¹ / ₁₆	4	45°
75	1,62	25	1 ¹ / ₈	3 ¹ / ₄	1	1 ⁵ / ₁₆	4	
76	1,62	46	Trä-	kuggar	1	11 ³ / ₄	5	
77	1,79	105	1 ³ / ₁₆	3 ¹ / ₂	5		6	
78	1,79	18	1 ³ / ₁₆	3 ⁷ / ₈		10 ⁵ / ₁₆	H	
79	1,79	105	Trä-	kuggar	5		5	
80	1,80	25	1 ¹ / ₄	3 ⁹ / ₁₆	1	2 ³ / ₈	4	
81	1,80	45	Trä-	kuggar	2	1 ³ / ₄	5	
82	1,86	36	1 ³ / ₁₆	3	1	9 ³ / ₈	4	
83	1,86	40	Trä-	kuggar	1	11 ³ / ₄	4	
84	2,02	21	1 ¹ / ₂	4 ⁹ / ₁₆	1	1 ⁹ / ₁₆	4	
85	2,02	84	Trä-	kuggar	4	6	6	
86	2,	27	1 ⁷ / ₁₆	4 ¹ / ₄	1	5 ³ / ₁₆	4	

Kugg	
Delning verktum.	Antal.
2	66
2	41
2	60
2,04	18
2,04	166
2,04	19
2,04	96
2,05	18
2,05	127
2,06	19
2	74
2	22
2,04	42
2,04	17
2,07	45
2,07	27
2,07	151
2,07	13
2,78	72
2,78	24
2,74	102
2,74	40
3,01	100
3,01	40
3,36	81
3,36	40
3,36	84
3,36	26
3,36	41
2,52	49
2,52	52

Koniska Kugghjul.

Diameter i delnings-cirkeln.	Armararnes antal.	N:o	Kuggarnes				Diameter i delnings-cirkeln.		Armararnes antal.	Anmärkningar
			Delning verkum.	Antal.	Höjd verkum.	Bredd verkum.	fot.	tum.		
								tum.		
10	H	{ 87	2,	66	Trä-	kuggar	3	6	6	
$6\frac{3}{16}$	H	{ 88	2,	41	$1\frac{7}{16}$	$4\frac{1}{2}$	2	$2\frac{1}{8}$	4	
$1\frac{1}{8}$	H	{ 89	2,	60	Trä-	kuggar	3	$2\frac{3}{16}$	5	
$4\frac{1}{4}$	H	{ 90	2,04	18	$1\frac{3}{8}$	$5\frac{3}{8}$		$11\frac{3}{4}$	H	
$8\frac{1}{16}$	H	{ 91	2,04	166	Trä-	kuggar	8	$11\frac{7}{8}$	8	
10	H	{ 92	2,04	19	$1\frac{7}{16}$	$5\frac{1}{2}$	1	$\frac{3}{8}$	H	
8	H	{ 93	2,04	96	Trä-	kuggar	5	$2\frac{1}{2}$	6	
$11\frac{1}{2}$	H	{ 94	2,05	18	$1\frac{1}{2}$	$5\frac{7}{8}$		$11\frac{13}{16}$	H	
$5\frac{1}{16}$	H	{ 95	2,05	127	Trä-	kuggar	6	11	8	
$7\frac{1}{2}$	H	{ 96	2,06	19	$1\frac{7}{16}$	7	1	$\frac{1}{2}$	H	
$1\frac{1}{2}$	H	{ 106	2,	74	$1\frac{1}{8}$	$4\frac{3}{16}$	3	$11\frac{1}{4}$	8	
6	H	{ 107	2,	22	$1\frac{1}{8}$	$4\frac{3}{16}$	1	2	4	
6	H	{ 108	2,24	42	$1\frac{1}{4}$	$4\frac{1}{2}$	2	6	4	
$5\frac{1}{2}$	H	{ 109	2,24	17	$1\frac{1}{4}$	$4\frac{1}{2}$	1	$\frac{1}{4}$	H	
$5\frac{1}{2}$	H	{ 110	2,27	45	$1\frac{5}{8}$	$5\frac{15}{16}$	2	$8\frac{1}{2}$	5	
$4\frac{1}{4}$	H	{ 111	2,27	27	$1\frac{5}{8}$	$5\frac{15}{16}$	1	$7\frac{9}{16}$	H	
$4\frac{1}{4}$	H	{ 112	2,27	151	$1\frac{1}{2}$	6	9	$1\frac{1}{8}$	6	
$5\frac{1}{16}$	H	{ 113	2,27	13	$1\frac{7}{16}$	$6\frac{5}{16}$		$9\frac{9}{16}$	H	
$5\frac{1}{16}$	H	{ 122	2,73	72	$1\frac{9}{16}$	$5\frac{1}{2}$	5	$2\frac{3}{4}$	6	
$1\frac{5}{16}$	H	{ 123	2,73	24	$1\frac{9}{16}$	$5\frac{1}{2}$	1	9	En ring.	
$11\frac{3}{4}$	H	{ 124	2,74	102	2	$7\frac{15}{16}$	7	5	7	
$6\frac{1}{2}$	H	{ 125	2,74	40	2	$7\frac{15}{16}$	2	11	6	
$10\frac{5}{16}$	H	{ 128	3,01	100	2	8	8		6	
$5\frac{1}{2}$	H	{ 129	3,01	40	2	8	3	$2\frac{7}{16}$	F	En ring.
$2\frac{3}{8}$	H	{ 130	3,26	81	$2\frac{1}{8}$	8	7		6	
$1\frac{3}{4}$	H	{ 131	3,26	40	$2\frac{1}{8}$	8	3	$5\frac{1}{2}$	F	En ring.
$9\frac{3}{8}$	H	{ 132	3,25	84	$2\frac{1}{16}$	7	7	3	6	
$11\frac{3}{4}$	H	{ 133	3,26	26	$2\frac{1}{16}$	7	2	3	En ring.	
$1\frac{9}{16}$	H	{ 134	3,26	41	$2\frac{1}{16}$	7	3	$6\frac{9}{16}$	8	79° vinkel mot 132
6	H	{ 143	2,52	49	$1\frac{11}{16}$	$7\frac{1}{4}$	3	$3\frac{3}{8}$	4	
$5\frac{3}{16}$	H	{ 144	2,52	52	Trä-	kuggar	3	$5\frac{11}{16}$	4	

Koniska Kugglötar samt Trillor.

N:o	Kuggarnes				Diameter i delnings- cirkeln		Antal löten till ett hjul.	Anmärkningar
	Delning verktum.	Antal.	Höjd verktum.	Bredd verktum.	Diameter i			
					tot.	tum.		
201	1,5	33	1	3 ⁷ / ₁₆	7	10 ¹ / ₂	6	
202	1,55	36	1	3 ⁷ / ₈	11	10 ¹ / ₂	8	
203	1,55	28	1	4	1	1 ⁷ / ₈		
204	1,68	22	1 ¹ / ₈	4	7	10 ⁹ / ₁₆	8	
205	1,68	44	1 ¹ / ₁₆	4	1	11 ¹ / ₂		
206	1,75	21	1 ³ / ₁₆	3 ¹ / ₄	7	9 ⁵ / ₈	8	
207	1,75	25	1 ³ / ₁₆	3 ¹ / ₄	1	1 ¹⁵ / ₁₆		
208	1,77	16	1 ¹ / ₄	3	6		8	
209	1,77	19	1 ¹ / ₄	3 ¹ / ₈		10 ¹¹ / ₁₆		
210	1,83	18	1 ⁵ / ₁₆	3 ¹ / ₈	7		8	
211	1,83	18	1 ⁵ / ₁₆	3 ¹ / ₄		10 ⁹ / ₁₆		
212	1,86	27	1 ⁵ / ₁₆	4 ¹ / ₂	16		12	
213	1,86	27	1 ⁵ / ₁₆	4 ¹ / ₂		16		
214	1,91	29	1 ⁵ / ₁₆	4 ⁵ / ₈	23	6	16	
215	1,91	30	1 ⁵ / ₁₆	4 ⁵ / ₈	1	6 ⁵ / ₁₆		
216	1,96	30	1 ⁵ / ₁₆	4 ¹ / ₂	25		16	
217	1,96	24	1 ⁵ / ₁₆	4 ¹ / ₂	1	3		
218	2,093	12	1 ⁷ / ₁₆	2 ³ / ₈	5	4	8	
219	2,093	17	1 ⁷ / ₁₆	2 ⁷ / ₈		11 ⁵ / ₈		
220	2,093	13	1 ⁷ / ₁₆	2 ³ / ₈	5	9 ¹¹ / ₃₂	8	
221	2,093	14	1 ⁷ / ₁₆	2 ³ / ₈	6	2 ¹¹ / ₁₆	8	
222	2,25	19	1 ⁵ / ₈	4	9	1	8	
223	2,25	22	1 ⁵ / ₈	4	1	3 ¹³ / ₁₆		
230	2,35	16	Trä-	kuggar	6		6	
231	2,35	14	1 ³ / ₈	5		10 ⁵ / ₈		77° vinkel mot 230
232	2,35	16	1 ³ / ₈	5	1	1 ¹ / ₁₆		d:o d:o
233	2,57	18	Trä-	kuggar	9	10	8	
234	2,57	15	1 ¹¹ / ₁₆	6	1	5 ¹ / ₁₆		
235	2,72	20	Trä-	kuggar	23	1	16	
236	2,72	20	1 ⁵ / ₈	4 ⁷ / ₈	1	5 ³ / ₈		
237	3,02	21	Trä-	kuggar	20	3	12	
238	3,	19	2 ¹ / ₁₆	4 ¹ / ₂	1	6 ³ / ₁₆		

Skriftens diam.
i dehm.

Annal.

$2\frac{9}{32}$	
$6\frac{1}{4}$	
$4\frac{1}{2}$	
6	Dubbelkast
6	4-pagal
$6\frac{3}{4}$	

Tecknens betydelse:

- H. Hel botten inom ringen.
 - K. Krokiga armar.
 - R. Räta armar.
 - F. Flens i ringen.
 - FF. Flensar i båda kanterna.
 - T. Öfverlagret för Talgsmörjning.
 - O. Dito för Oljesmörjning.
 - B. Tackjern för utfodring med Babbittsmetall.
 - U. Underlager för nålar till vattenhjul.
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