

[Priskuranter] - 1

Hellefors bruks AB

Vardagstryck Affärstryck 1800-tal 8:o



AFFÄRST

1800-t

OKAT

FÖRTECKNING

Å

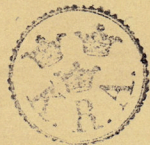
MODELLER

TILL

Kugghjul, Remhjul och Lager

VID

HELLEFORS BRUK.



MODELL-KATALOG

VII

HÄLLERFORS BRUK

SÖDERMÅLAND

tryckt hos C. J. v. Linden 1867

MODE

HELE

S

tryck

| Tjänsteställen | | | | Tjänsteställen | | | |
|----------------|---------|----------|------------|----------------|---------|----------|------------|
| Antal | Arb. år | Arb. mån | Arb. dagar | Antal | Arb. år | Arb. mån | Arb. dagar |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

MODELL-KATALOG

HÄRTS FORS BRUK

SÖDERMANLAND

ESKILSTUNA

Lijcht hos C. A. v. Lindberg, 1882

| Trän | |
|-------|---------|
| Antal | Arb. år |
| 1 | 5 |
| 2 | 6 |
| 3 | 7 |
| 4 | 8 |
| 5 | 8 1/2 |
| 6 | 8 1/2 |
| 7 | 10 1/2 |
| 8 | 11 1/2 |
| 9 | 11 1/2 |
| 10 | 11 1/2 |
| 11 | 10 |
| 12 | 9 1/2 |
| 13 | 10 1/2 |
| 14 | 11 1/2 |
| 15 | 11 |
| 16 | 11 |
| 17 | 6 |
| 18 | 7 |
| 19 | 6 |
| 20 | 5 1/2 |
| 21 | 7 |
| 22 | 4 1/2 |
| 23 | 4 |
| 24 | 4 |
| 25 | 6 |
| 26 | 4 |
| 27 | 3 1/2 |
| 28 | 1 1/2 |

Remhjul.

| Trämodeller. | | | | |
|----------------|----------------------|-------------------|--------------------|-----|
| | Ringens diameter. | Ringens bredd. | Armarnes antal. | |
| N ^o | tot. | tum. | st. | |
| 1 | — | 5 | 4 | H |
| 2 | — | 6 | 6 | H |
| 3 | — | 7 | 4 $\frac{1}{4}$ | H |
| 4 | — | 8 | 6 | H |
| 5 | — | 8 $\frac{1}{8}$ | 4 $\frac{1}{8}$ | H |
| 6 | — | 8 $\frac{1}{2}$ | 2 $\frac{1}{2}$ | H |
| 7 | — | 10 $\frac{1}{8}$ | 6 | H |
| 8 | 1 | — | 5 $\frac{1}{8}$ | 5 K |
| 9 | — | 11 $\frac{3}{8}$ | 3 $\frac{1}{2}$ | — |
| 10 | 1 | — | 3 | — |
| 11 | — | 10 | 4 F | — |
| 12 | — | 9 $\frac{3}{8}$ | 2 $\frac{3}{4}$ | 4 K |
| 13 | 1 | — | 2 $\frac{5}{8}$ | 5 K |
| 14 | 1 | — | 6 | 5 K |
| 15 | 1 | 1 | 3 $\frac{1}{2}$ | 5 K |
| 16 | 1 | 6 | 4 $\frac{1}{8}$ | 5 K |
| 17 | — | — | — | — |
| 18 | 2 | — | 7 $\frac{3}{4}$ | 5 K |
| 19 | 2 | 1 $\frac{1}{2}$ | 6 $\frac{1}{2}$ | 6 R |
| 20 | 2 | — | 5 $\frac{1}{2}$ | 6 R |
| 21 | 3 | — | 7 $\frac{3}{4}$ | 6 R |
| 22 | 3 | 1 $\frac{1}{2}$ | 4 $\frac{1}{2}$ | 6 K |
| 23 | 2 | 11 | 4 | 6 K |
| 24 | 3 | 6 $\frac{3}{4}$ | 4 $\frac{1}{2}$ | 6 R |
| 25 | 5 | — | 6 | 6 R |
| 26 | — | 11 | 4 $\frac{1}{8}$ | 5 K |
| 27 | 3 | 5 $\frac{1}{2}$ | 3 $\frac{5}{8}$ | — |
| 28 | 3 | 1 $\frac{3}{4}$ | 7 $\frac{1}{4}$ | — |

| Trämodeller. | | | | |
|----------------|----------------------|-------------------|--------------------|-----|
| | Ringens diameter. | Ringens bredd. | Armarnes antal. | |
| N ^o | tot. | tum. | st. | |
| 29 | 2 | 8 | 4 F | — |
| 30 | 2 | 10 $\frac{1}{4}$ | 6 $\frac{1}{2}$ | 5 K |
| 31 | — | 8 $\frac{5}{8}$ | 2 $\frac{1}{2}$ | — |
| — | — | 7 | 3 | — |
| 32 | 1 | — | 2 $\frac{1}{2}$ | — |
| — | — | 9 | 2 $\frac{1}{4}$ | — |
| 33 | 1 | 3 | 2 $\frac{3}{4}$ | — |
| — | — | 11 $\frac{3}{8}$ | 2 $\frac{3}{4}$ | — |
| — | — | 8 $\frac{3}{8}$ | 2 $\frac{3}{4}$ | — |
| — | — | 5 | 3 | — |
| 34 | 1 | — | 1 $\frac{5}{8}$ | — |
| — | — | 10 $\frac{1}{8}$ | 1 $\frac{5}{8}$ | — |
| — | — | 8 $\frac{1}{4}$ | 1 $\frac{1}{2}$ | — |
| 35 | 1 | 4 | 2 $\frac{5}{8}$ | — |
| — | 1 | — | 2 $\frac{5}{16}$ | — |
| — | — | 9 | 2 $\frac{5}{16}$ | — |
| 36 | 4 | — | 4 $\frac{1}{2}$ | 6 K |
| 37 | 1 | 4 $\frac{3}{4}$ | 6 $\frac{1}{2}$ | 5 K |
| 38 | 5 | — | 6 | 6 K |
| 39 | 1 | 3 | 6 | 5 K |
| 40 | 1 | 3 | 6 $\frac{1}{8}$ | 5 K |
| 41 | 2 | 6 | 4 | 5 K |
| 42 | 1 | 6 $\frac{1}{4}$ | 6 | — |
| 43 | — | 6 | 5 $\frac{3}{4}$ F | — |
| 44 | — | 5 $\frac{3}{4}$ | 3 | — |
| 45 | — | 6 | 2 $\frac{1}{2}$ | — |
| 46 | — | 6 $\frac{1}{4}$ | 2 $\frac{5}{8}$ | — |
| 47 | — | 6 | 3 | — |

Remhjul.

| Trämodeller. | | | | Jernmodeller. | | | |
|----------------|---------------------------------|----------------------------------|-----------------|----------------|----------------------------------|-------------------------------|-----------------|
| | Rings diameter. | Rings bredd. | Annarnes antal. | | Rings diameter. | Rings bredd. | Annarnes antal. |
| N ^o | fot. tum. | tum. | st. | N ^o | fot. tum. | tum. | st. |
| 48 | 6 | 4 | H | 70 | 1 7 ⁵ / ₈ | 6 ³ / ₈ | 4 R |
| 49 | 7 ⁷ / ₈ | 2 | | 71 | 1 11 ⁵ / ₈ | 7 ³ / ₈ | 5 K |
| 50 | 8 ³ / ₈ | 3 ¹ / ₄ | | 72 | 2 2 ¹ / ₈ | 6 ¹ / ₈ | 5 R |
| 51 | 7 ³ / ₈ | 1 ⁵ / ₈ FF | 4 R | 73 | 2 5 ⁵ / ₈ | 3 ¹ / ₈ | 5 K |
| 52 | 8 ¹ / ₄ | 4 ¹ / ₄ | 4 K | 74 | 2 11 ³ / ₈ | 7 ³ / ₈ | 6 K |
| 53 | 10 | 4 | H | 75 | 3 ⁵ / ₈ | 4 ¹ / ₈ | 6 K |
| 54 | 1 1 ¹ / ₄ | 3 | | 76 | 3 11 ¹ / ₂ | 4 ¹ / ₄ | 6 K |
| | 11 ³ / ₈ | 2 ⁵ / ₈ | | 77 | 3 11 ³ / ₈ | 7 ³ / ₈ | 6 K |
| | 8 ⁵ / ₈ | 2 ⁵ / ₈ | | 78 | 1 5 ⁵ / ₈ | 3 ⁵ / ₈ | 5 K |
| | 6 ⁷ / ₈ | 2 ⁵ / ₈ | | 79 | | | |
| | 4 ¹ / ₂ | 2 ¹ / ₄ | | 80 | | | |
| 55 | 8 ¹ / ₈ | 1 ¹ / ₂ | | | | | |
| | 6 ⁵ / ₈ | 1 ¹ / ₂ | | | | | |
| | 4 ¹ / ₄ | 1 ¹ / ₂ | | | | | |
| 56 | | | | | | | |
| 57 | | | | | | | |
| 58 | | | | | | | |
| 59 | | | | | | | |
| 60 | | | | | | | |
| 61 | 6 | 2 ³ / ₈ | H | | | | |
| 62 | 6 | 2 ³ / ₈ | H | | | | |
| 63 | 11 ⁵ / ₈ | 5 ⁵ / ₈ | 5 R | | | | |
| 64 | 11 ⁷ / ₈ | 2 ¹ / ₂ | 5 K | | | | |
| 65 | 1 ³ / ₄ | 5 ¹ / ₄ | 5 K | | | | |
| 66 | 1 | 3 ¹ / ₈ | 5 K | | | | |
| 67 | 1 2 ¹ / ₂ | 4 ¹ / ₈ | 4 K | | | | |
| 68 | 1 4 ¹ / ₂ | 6 ¹ / ₂ | 5 K | | | | |
| 69 | 1 6 | 4 | 5 K | | | | |

Jernmodeller.

| Tackjärns | | | |
|-----------|-------------------------------|-------------------------------|----------------|
| | Bredd för innerst. | Diam. för innerst. | N ^o |
| 1 | 1 ¹ / ₈ | 1 ¹ / ₈ | 1 |
| 2 | 1 ³ / ₈ | 1 ³ / ₈ | 2 |
| 3 | 1 ⁵ / ₈ | 1 ⁵ / ₈ | 3 |
| 4 | 1 ⁷ / ₈ | 1 ⁷ / ₈ | 4 |
| 5 | 2 | 2 | 5 |
| 6 | 2 ¹ / ₈ | 2 ¹ / ₈ | 6 |
| 7 | 2 ³ / ₈ | 2 ³ / ₈ | 7 |
| 8 | 2 ⁵ / ₈ | 2 ⁵ / ₈ | 8 |
| 9 | 2 ⁷ / ₈ | 2 ⁷ / ₈ | 9 |
| 10 | 3 | 3 | 10 |
| 11 | 3 ¹ / ₈ | 3 ¹ / ₈ | 11 |
| 12 | 3 ³ / ₈ | 3 ³ / ₈ | 12 |
| 13 | 3 ⁵ / ₈ | 3 ⁵ / ₈ | 13 |
| 14 | 3 ⁷ / ₈ | 3 ⁷ / ₈ | 14 |
| 15 | 4 | 4 | 15 |
| 16 | 4 ¹ / ₈ | 4 ¹ / ₈ | 16 |
| 17 | 4 ³ / ₈ | 4 ³ / ₈ | 17 |
| 18 | 4 ⁵ / ₈ | 4 ⁵ / ₈ | 18 |
| 19 | 4 ⁷ / ₈ | 4 ⁷ / ₈ | 19 |
| 20 | 5 | 5 | 20 |
| 21 | 5 ¹ / ₈ | 5 ¹ / ₈ | 21 |
| 22 | 5 ³ / ₈ | 5 ³ / ₈ | 22 |
| 23 | 5 ⁵ / ₈ | 5 ⁵ / ₈ | 23 |
| 24 | 5 ⁷ / ₈ | 5 ⁷ / ₈ | 24 |
| 25 | 6 | 6 | 25 |

Lager.

| Jernmodell | | | Tackjerslaget | | | | Metallaget. | | Tackjerslaget. | | | | Metallaget. | | | |
|------------|-------|-------|--------------------|-------------------|-------------------|----------------|--------------------|--------------------|--------------------|-------------------|-------------------|------------|--------------------|--------------------|----|--|
| högst | medel | lägst | Höjd till centrum. | Bredd för metall. | Diam. för metall. | lagersgång | Diam. i lagersgång | Bredd i lagersgång | Höjd till centrum. | Bredd för metall. | Diam. för metall. | lagersgång | Diam. i lagersgång | Bredd i lagersgång | | |
| № | № | № | № | № | № | № | № | № | № | № | № | № | № | № | | |
| | 1 | 1 | $\frac{1}{8}$ | $\frac{1}{16}$ | $\frac{1}{16}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | 2 | $\frac{1}{8}$ | $\frac{1}{8}$ | O | 29 | $7\frac{1}{8}$ | $5\frac{5}{8}$ | O | |
| | 2 | 1 | $\frac{5}{8}$ | $\frac{3}{4}$ | $\frac{1}{8}$ | $\frac{1}{16}$ | $\frac{3}{16}$ | 2 | $\frac{3}{16}$ | $\frac{3}{16}$ | OB | 30 | $6\frac{7}{8}$ | 9 | O | |
| | 3 | 1 | $\frac{9}{16}$ | $\frac{1}{16}$ | $\frac{1}{16}$ | $\frac{1}{8}$ | $\frac{1}{16}$ | $\frac{1}{8}$ | $\frac{1}{16}$ | $\frac{1}{8}$ | O | 31 | $7\frac{5}{8}$ | $6\frac{3}{4}$ | O | |
| 1 | 7 | 6 | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | O | 32 | 8 | $10\frac{3}{4}$ | O | |
| 1 | 11 | 7 | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | O | 33 | $4\frac{1}{8}$ | $3\frac{7}{8}$ | O | |
| 2 | 2 | 6 | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | O | 34 | $2\frac{5}{8}$ | $2\frac{1}{2}$ | O | |
| 2 | 5 | 3 | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | O | 35 | $1\frac{7}{8}$ | 2 | O | |
| 2 | 11 | 7 | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | O | 36 | $7\frac{3}{4}$ | 9 | OB | |
| 3 | 4 | 4 | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | O | 37 | $2\frac{1}{2}$ | $2\frac{1}{2}$ | O | |
| 11 | 1 | 4 | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | O | 38 | 6 | 7 | O | |
| 11 | 7 | 7 | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | OB | 39 | $4\frac{7}{8}$ | $5\frac{1}{4}$ | T | |
| 5 | 5 | 3 | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | $\frac{1}{8}$ | TO | 40 | $8\frac{1}{4}$ | 8 | U | |
| | | | | | | | | | | | T | 41 | $5\frac{1}{4}$ | 7 | T | |
| | | | | | | | | | | | O | 42 | $2\frac{1}{4}$ | $2\frac{5}{8}$ | O | |
| | | | | | | | | | | | T | 43 | $2\frac{1}{4}$ | 4 | B | |
| | | | | | | | | | | | TO | 44 | | | | |
| | | | | | | | | | | | O | 45 | | | | |
| | | | | | | | | | | | TO | 46 | | | | |
| | | | | | | | | | | | T | 47 | | | | |
| | | | | | | | | | | | O | 48 | | | | |
| | | | | | | | | | | | T | 49 | | | | |
| | | | | | | | | | | | O | 50 | | | | |
| | | | | | | | | | | | TO | 51 | | | | |
| | | | | | | | | | | | TO | 52 | | | | |
| | | | | | | | | | | | T | 53 | | | | |
| | | | | | | | | | | | | 54 | | | | |
| | | | | | | | | | | | T | 55 | | | | |
| | | | | | | | | | | | O | 56 | | | | |

| högst | medel | lägst |
|-------|-------|-------|
| № | № | № |
| 1 | 7 | 6 |
| 1 | 11 | 7 |
| 2 | 2 | 6 |
| 2 | 5 | 3 |
| 2 | 11 | 7 |
| 3 | 4 | 4 |
| 11 | 1 | 4 |
| 11 | 7 | 7 |
| 5 | 5 | 3 |

Cylindriska Kugghjul.

| Kuggarnes | | | | Diameter i dehningsriktel | Armarnes antal. | | |
|-----------|--------------------------|--------|---------------------------|------------------------------|-----------------|----------------------------|------|
| № | Delning | Antal. | Bredd. | | | Diameter i | |
| | | | | Höjd. | Antal. | tot. | tum. |
| 1 | $\frac{3}{8}$ | 33 | $\frac{9}{8}$ | $1\frac{5}{8}$ | — | 4 $\frac{1}{8}$ | H |
| 2 | $\frac{3}{8}$ | 42 | $\frac{5}{16}$ | 1 $\frac{3}{8}$ | — | 5 $\frac{1}{4}$ | H |
| 3 | $\frac{3}{8}$ | 32 | $\frac{5}{16}$ | $\frac{7}{8}$ | — | 3 $\frac{1}{8}$ | H |
| 4 | $\frac{3}{8}$ | 64 | $\frac{5}{16}$ | $\frac{7}{8}$ | — | 7 $\frac{7}{8}$ | H |
| 5 | $\frac{3}{8}$ | 36 | $\frac{3}{8}$ | 1 $\frac{1}{4}$ | — | 5 $\frac{1}{2}$ | H |
| 6 | $\frac{1}{2}$ | 25 | $\frac{7}{16}$ | 1 $\frac{1}{4}$ | — | 4 $\frac{1}{10}$ | H |
| 7 | $\frac{1}{3\frac{1}{2}}$ | 33 | $\frac{7}{16}$ | 1 $\frac{1}{4}$ | — | 5 $\frac{1}{3\frac{1}{2}}$ | H |
| 8 | $\frac{9}{16}$ | 19 | $\frac{7}{16}$ | 1 $\frac{5}{16}$ | — | 3 $\frac{5}{16}$ | H |
| 9 | $\frac{9}{16}$ | 38 | $\frac{7}{16}$ | 1 $\frac{5}{16}$ | — | 6 $\frac{5}{8}$ | H |
| 10 | $\frac{9}{16}$ | 75 | $\frac{5}{16}$ | $\frac{7}{8}$ | 1 | 1 $\frac{1}{8}$ | 6 |
| 11 | $\frac{9}{16}$ | 20 | $\frac{5}{16}$ | $\frac{7}{8}$ | — | 3 $\frac{1}{2}$ | H |
| 12 | $\frac{9}{16}$ | 30 | $\frac{7}{16}$ | 1 $\frac{1}{4}$ | — | 5 $\frac{1}{4}$ | H |
| 13 | $\frac{9}{16}$ | 14 | $\frac{7}{16}$ | 1 $\frac{5}{16}$ | — | 2 $\frac{9}{16}$ | H |
| 14 | $\frac{9}{16}$ | 18 | $\frac{7}{16}$ | $1\frac{3}{16}$ | — | 3 $\frac{3}{16}$ | H |
| 15 | $\frac{9}{16}$ | 14 | $\frac{7}{16}$ | $\frac{7}{8}$ | — | 2 $\frac{1}{2}$ | H |
| 16 | $\frac{9}{16}$ | 58 | $\frac{7}{16}$ | $\frac{7}{8}$ | 10 | $\frac{3}{8}$ | 5 R |
| 17 | $\frac{9}{16}$ | 20 | $\frac{5}{16}$ | 1 $\frac{1}{10}$ | — | 3 $\frac{9}{32}$ | H |
| 18 | $\frac{9}{16}$ | 45 | $\frac{5}{16}$ | 1 $\frac{1}{10}$ | — | 8 $\frac{3}{8}$ | H |
| 19 | $\frac{1}{3\frac{1}{2}}$ | 85 | $\frac{3}{8}$ | 1 | 1 | 4 $\frac{1}{8}$ | 6 R |
| 20 | $\frac{5}{8}$ | 16 | $\frac{1}{3\frac{1}{2}}$ | 1 $\frac{7}{10}$ | — | 3 $\frac{1}{10}$ | H |
| 21 | $\frac{5}{8}$ | 75 | $\frac{1}{3\frac{1}{2}}$ | 1 $\frac{7}{10}$ | 1 | 2 $\frac{3}{4}$ | 6 R |
| 22 | $\frac{5}{8}$ | 45 | $\frac{1}{3\frac{1}{2}}$ | 1 $\frac{5}{10}$ | — | 8 $\frac{7}{8}$ | 7 R |
| 23 | $\frac{5}{8}$ | 58 | $\frac{1}{3\frac{1}{2}}$ | 1 $\frac{1}{10}$ | — | 11 $\frac{1}{10}$ | 6 R |
| 24 | $\frac{5}{8}$ | 13 | $\frac{7}{16}$ | 1 $\frac{7}{10}$ | — | 2 $\frac{1}{10}$ | H |
| 25 | $\frac{5}{8}$ | 29 | $\frac{7}{16}$ | 1 $\frac{3}{8}$ | — | 5 $\frac{3}{4}$ | H |
| 26 | $\frac{5}{8}$ | 16 | $\frac{13}{3\frac{1}{2}}$ | 1 $\frac{1}{4}$ | — | 3 $\frac{3}{16}$ | H |
| 27 | $\frac{9}{16}$ | 75 | $\frac{7}{16}$ | $\frac{5}{8}$ | 1 | 1 $\frac{7}{8}$ | 6 |
| 28 | $\frac{5}{8}$ | 54 | $\frac{5}{8}$ | $1\frac{1}{8}$ | — | 11 $\frac{1}{4}$ | 6 R |

Cylindriska Kugghjul.

| Kuggarnes | | | | Diameter i delningscirkel. | Armarne antal. |
|----------------|----------------|--------|----------------|-------------------------------|------------------------|
| N ^o | Delning. | Antal. | Höjd. | | |
| 29 | $\frac{5}{16}$ | 54 | $\frac{7}{16}$ | $1\frac{1}{8}$ | 11 $\frac{1}{8}$ 6 R |
| 30 | $\frac{5}{16}$ | 96 | $1\frac{1}{2}$ | $\frac{3}{4}$ | 1 7 $\frac{5}{8}$ 6 R |
| 31 | $\frac{5}{8}$ | 13 | $1\frac{1}{2}$ | $1\frac{7}{16}$ | — 2 $\frac{5}{8}$ H |
| 32 | $\frac{5}{8}$ | 124 | $\frac{3}{8}$ | $\frac{3}{4}$ | 2 1 $\frac{5}{16}$ 4 |
| 33 | $\frac{5}{8}$ | 11 | $\frac{3}{8}$ | $1\frac{1}{4}$ | — 2 $\frac{1}{4}$ H |
| 34 | $\frac{5}{8}$ | 14 | $\frac{7}{16}$ | $1\frac{3}{8}$ | — 2 $1\frac{5}{16}$ H |
| 35 | $\frac{5}{8}$ | 20 | $\frac{7}{16}$ | $1\frac{7}{16}$ | — 3 $1\frac{5}{16}$ H |
| 36 | $\frac{2}{32}$ | 62 | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 1 2 $\frac{3}{16}$ 6 R |
| 37 | $\frac{2}{32}$ | 22 | $1\frac{1}{2}$ | $1\frac{3}{4}$ | — 5 $\frac{1}{16}$ H |
| 38 | $\frac{1}{16}$ | 26 | $\frac{9}{16}$ | $1\frac{3}{4}$ | — 5 $\frac{7}{8}$ H |
| 39 | $\frac{1}{16}$ | 68 | $\frac{9}{16}$ | $1\frac{9}{16}$ | 1 3 $\frac{1}{2}$ H |
| 40 | $\frac{3}{4}$ | 10 | $\frac{1}{2}$ | $1\frac{5}{8}$ | — 2 $\frac{7}{16}$ H |
| 41 | $\frac{2}{32}$ | 16 | $\frac{5}{16}$ | $1\frac{3}{4}$ | — 3 $1\frac{1}{16}$ H |
| 42 | $\frac{3}{4}$ | 24 | $\frac{9}{16}$ | $1\frac{3}{4}$ | — 5 $\frac{5}{8}$ H |
| 43 | $\frac{3}{4}$ | 63 | $\frac{9}{16}$ | $1\frac{3}{8}$ | 1 3 $\frac{1}{16}$ — |
| 44 | $\frac{3}{4}$ | 21 | $\frac{9}{16}$ | $1\frac{3}{8}$ | — 4 $1\frac{5}{16}$ H |
| 45 | $\frac{3}{4}$ | 34 | $\frac{9}{16}$ | $1\frac{3}{8}$ | — 8 $\frac{1}{8}$ 4 R |
| 46 | $\frac{3}{4}$ | 11 | $\frac{9}{16}$ | $1\frac{3}{8}$ | — 2 $1\frac{1}{16}$ H |
| 47 | $\frac{2}{32}$ | 70 | $\frac{9}{16}$ | $1\frac{1}{4}$ | 1 5 $\frac{1}{2}$ 6 |
| 48 | $\frac{2}{32}$ | 24 | $\frac{7}{16}$ | $1\frac{1}{4}$ | — 6 H |
| 49 | $\frac{1}{16}$ | 20 | $\frac{7}{16}$ | $1\frac{1}{8}$ | — 5 $\frac{1}{16}$ H |
| 50 | $\frac{3}{4}$ | 20 | $\frac{7}{16}$ | 1 | — 4 $\frac{7}{8}$ H |
| 51 | $\frac{3}{4}$ | 19 | $\frac{7}{16}$ | $1\frac{1}{8}$ | — 4 $\frac{9}{16}$ H |
| 52 | $\frac{3}{4}$ | 9 | $\frac{7}{16}$ | $1\frac{1}{8}$ | — 2 $\frac{1}{8}$ H |
| 53 | $\frac{2}{32}$ | 9 | $\frac{7}{16}$ | $1\frac{1}{8}$ | — 2 $\frac{1}{4}$ H |
| 54 | $\frac{3}{4}$ | 13 | $\frac{7}{16}$ | $\frac{7}{8}$ | — 3 $\frac{1}{8}$ H |
| 55 | $\frac{3}{4}$ | 10 | $\frac{1}{32}$ | $\frac{1}{8}$ | — 2 $\frac{7}{16}$ H |
| 56 | $\frac{1}{16}$ | 39 | $\frac{7}{16}$ | $1\frac{1}{2}$ | — 10 $\frac{1}{8}$ H |

Cylindriska Kuggjul

| Kuggarnes | | | | Diameter i delningscirkel | Armarnes antal. |
|----------------|---------------------------|--------|-------------------|------------------------------|-----------------|
| N ^o | Delning. | Antal. | Bredd. | | |
| 57 | $\frac{1}{1} \frac{3}{8}$ | 12 | $1 \frac{5}{16}$ | 3 $\frac{3}{16}$ | H |
| 58 | $\frac{1}{1} \frac{3}{8}$ | 11 | $1 \frac{7}{16}$ | 2 $\frac{15}{16}$ | H |
| 59 | $\frac{1}{1} \frac{3}{8}$ | 27 | $1 \frac{7}{16}$ | 6 $\frac{15}{16}$ | H |
| 60 | $\frac{1}{1} \frac{3}{8}$ | 11 | $1 \frac{7}{16}$ | 2 $\frac{7}{8}$ | H |
| 61 | $\frac{7}{8}$ | 24 | $1 \frac{5}{8}$ | 6 $\frac{9}{16}$ | H |
| 62 | $\frac{7}{8}$ | 10 | $2 \frac{1}{8}$ | 2 $\frac{3}{4}$ | H |
| 63 | $\frac{7}{8}$ | 100 | $1 \frac{15}{16}$ | 2 4 $\frac{15}{16}$ | 6 R |
| 64 | $\frac{7}{8}$ | 20 | $1 \frac{11}{16}$ | 5 $\frac{13}{16}$ | H |
| 65 | $\frac{7}{8}$ | 21 | $1 \frac{3}{8}$ | 6 $\frac{1}{16}$ | H |
| 66 | 1 | 12 | $1 \frac{3}{4}$ | 3 $\frac{3}{4}$ | H |
| 67 | 1 | 12 | $1 \frac{3}{8}$ | 3 $\frac{13}{16}$ | H |
| 68 | 1 | 16 | $2 \frac{1}{8}$ | 5 $\frac{1}{16}$ | H |
| 69 | 1 | 12 | $2 \frac{1}{8}$ | 3 $\frac{3}{4}$ | H |
| 70 | 1 | 8 | $1 \frac{1}{2}$ | 2 $\frac{5}{8}$ | H |
| 71 | 1 | 16 | $1 \frac{7}{16}$ | 5 $\frac{3}{16}$ | H |
| 72 | 1 | 17 | $2 \frac{1}{8}$ | 5 $\frac{3}{8}$ | H |
| 73 | | | | | |
| 74 | $1 \frac{1}{16}$ | 15 | $1 \frac{15}{16}$ | 5 $\frac{1}{16}$ | H |
| 75 | $1 \frac{1}{32}$ | 18 | $2 \frac{1}{16}$ | 6 | H |
| 76 | $1 \frac{1}{16}$ | 15 | 2 | 5 $\frac{1}{16}$ | H |
| 77 | 1 | 31 | $1 \frac{1}{2}$ | 10 $\frac{1}{8}$ | H |
| 78 | $1 \frac{1}{52}$ | 15 | $1 \frac{1}{2}$ | 5 | H |
| 79 | 1 | 12 | $2 \frac{1}{2}$ | 3 $\frac{7}{8}$ | H |
| 80 | $1 \frac{1}{16}$ | 80 | $1 \frac{3}{4}$ | 2 3 $\frac{1}{8}$ | 6 |
| 81 | $1 \frac{1}{16}$ | 13 | $1 \frac{3}{4}$ | 4 $\frac{1}{2}$ | H |
| 82 | $1 \frac{1}{16}$ | 15 | $1 \frac{15}{16}$ | 5 $\frac{1}{16}$ | H |
| 83 | $1 \frac{1}{16}$ | 22 | $1 \frac{15}{16}$ | 7 $\frac{5}{16}$ | H |
| 84 | | | | | |

Cylindriska Kugghjul.

| | | Kuggarnes | | | | Diameter i tjenningsritkel | | Armarnes antal. | |
|--|---|-----------|-----------------|-------|-----------------|-------------------------------|------|--------------------|------|
| | | № | Delning. | Antal | Höjd. | Bredd. | tot. | | tum. |
| | H | 85 | $1\frac{1}{16}$ | 27 | $\frac{11}{16}$ | $2\frac{1}{16}$ | — | $9\frac{1}{16}$ | H |
| | H | 86 | $1\frac{1}{8}$ | 16 | $\frac{5}{8}$ | $1\frac{1}{16}$ | — | $5\frac{5}{8}$ | H |
| | H | 87 | $1\frac{1}{8}$ | 13 | $\frac{9}{16}$ | $1\frac{5}{8}$ | — | $4\frac{1}{16}$ | H |
| | H | 88 | $1\frac{1}{8}$ | 42 | $\frac{11}{16}$ | $1\frac{3}{16}$ | 1 | $2\frac{7}{8}$ | — |
| | H | 89 | $1\frac{1}{8}$ | 7 | $\frac{5}{8}$ | $1\frac{5}{16}$ | — | $2\frac{5}{8}$ | H |
| | H | 90 | $1\frac{1}{8}$ | 19 | $\frac{3}{4}$ | $2\frac{1}{8}$ | — | $6\frac{3}{4}$ | H |
| | H | 91 | $1\frac{1}{8}$ | 12 | $\frac{1}{16}$ | $2\frac{1}{2}$ | — | $4\frac{5}{16}$ | H |
| | H | 92 | $1\frac{1}{8}$ | 136 | $\frac{1}{16}$ | $2\frac{1}{2}$ | 4 | $\frac{1}{4}$ | — |
| | H | 93 | $1\frac{7}{32}$ | 27 | $\frac{5}{8}$ | $2\frac{1}{3}$ | — | $10\frac{1}{2}$ | H |
| | H | 94 | $1\frac{7}{32}$ | 16 | $\frac{11}{16}$ | 2 | — | $6\frac{1}{4}$ | H |
| | H | 95 | $1\frac{1}{4}$ | 12 | $\frac{5}{8}$ | $1\frac{1}{16}$ | — | $4\frac{3}{4}$ | H |
| | H | 96 | $1\frac{1}{4}$ | 12 | $\frac{7}{8}$ | 3 | — | $4\frac{3}{4}$ | H |
| | H | 97 | $1\frac{1}{4}$ | 68 | $\frac{7}{8}$ | 3 | 2 | $3\frac{3}{16}$ | 4 |
| | H | 98 | $1\frac{1}{4}$ | 114 | $\frac{1}{16}$ | $1\frac{5}{8}$ | 3 | $9\frac{1}{2}$ | 6 |
| | H | 99 | $1\frac{1}{4}$ | 18 | $\frac{3}{4}$ | $1\frac{7}{8}$ | — | $7\frac{1}{4}$ | H |
| | H | 100 | $1\frac{1}{4}$ | 17 | $\frac{1}{16}$ | $1\frac{7}{8}$ | — | $6\frac{1}{16}$ | H |
| | H | 101 | $1\frac{1}{4}$ | 74 | $\frac{1}{16}$ | $2\frac{1}{2}$ | 2 | $5\frac{11}{16}$ | 6 |
| | H | 102 | $1\frac{1}{4}$ | 46 | $\frac{3}{4}$ | $2\frac{1}{2}$ | 1 | $6\frac{1}{2}$ | 4 |
| | H | 103 | $1\frac{1}{4}$ | 14 | $\frac{3}{4}$ | $2\frac{1}{2}$ | — | $5\frac{5}{8}$ | H |
| | H | 104 | $1\frac{1}{4}$ | 12 | $\frac{3}{4}$ | 3 | — | $4\frac{1}{16}$ | H |
| | H | 105 | $1\frac{9}{32}$ | 15 | $\frac{1}{16}$ | $3\frac{1}{4}$ | — | $6\frac{5}{16}$ | H |
| | H | 106 | $1\frac{5}{16}$ | 8 | $\frac{3}{4}$ | 3 | — | $3\frac{5}{8}$ | H |
| | H | 107 | $1\frac{9}{32}$ | 16 | $\frac{3}{4}$ | $2\frac{1}{8}$ | — | $6\frac{9}{16}$ | H |
| | H | 108 | $1\frac{1}{4}$ | 11 | $\frac{3}{4}$ | $1\frac{1}{16}$ | — | $4\frac{7}{16}$ | H |
| | H | 109 | $1\frac{5}{16}$ | 7 | $\frac{11}{16}$ | $1\frac{1}{2}$ | — | 3 | H |
| | H | 110 | $1\frac{5}{16}$ | 14 | $\frac{11}{16}$ | $1\frac{1}{2}$ | — | $5\frac{1}{16}$ | H |
| | H | 111 | $1\frac{5}{16}$ | 12 | $\frac{7}{8}$ | $2\frac{3}{8}$ | — | $5\frac{1}{8}$ | H |
| | H | 112 | $1\frac{3}{8}$ | 22 | $\frac{1}{16}$ | $2\frac{3}{8}$ | — | $9\frac{9}{16}$ | H |

Cylindriska Kugghjul

| Kuggarnes | | | | | Diammeter i delningsskrökel. | Antal. |
|-------------------|-------------------|-------|------------------|-------------------|---------------------------------|--------|
| N ^o | Delning. | Höjd. | Bredd. | Antal. | | |
| 113 | 1 $\frac{3}{8}$ | 19 | $\frac{7}{8}$ | 2 $\frac{3}{8}$ | 8 $\frac{1}{4}$ | H |
| 114 | 1 $\frac{3}{8}$ | 10 | $\frac{13}{16}$ | 2 $\frac{7}{16}$ | 4 $\frac{1}{2}$ | H |
| 115 | 1 $\frac{7}{16}$ | 11 | $\frac{13}{16}$ | 5 $\frac{1}{2}$ | 5 $\frac{1}{8}$ | H |
| 116 | 1 $\frac{1}{2}$ | 75 | 1 | 3 $\frac{3}{8}$ | 3 | 6 |
| 117 | 1 $\frac{1}{2}$ | 13 | 1 | 3 $\frac{3}{8}$ | 6 $\frac{1}{4}$ | H |
| 118 | 1 $\frac{1}{2}$ | 19 | 1 | 3 $\frac{1}{2}$ | 9 $\frac{3}{8}$ | H |
| 119 | 1 $\frac{1}{2}$ | 12 | $\frac{7}{8}$ | 2 $\frac{3}{8}$ | 5 $\frac{1}{16}$ | H |
| 120 | 1 $\frac{9}{16}$ | 8 | 1 | 1 $\frac{5}{16}$ | 4 $\frac{1}{8}$ | H |
| 121 | 1 $\frac{5}{8}$ | 10 | $\frac{7}{8}$ | 3 | 5 $\frac{1}{4}$ | H |
| 122 | 1 $\frac{5}{8}$ | 14 | 1 $\frac{1}{8}$ | 4 | 7 $\frac{3}{16}$ | H |
| 123 | 1 $\frac{9}{16}$ | 17 | 1 $\frac{1}{16}$ | 3 $\frac{3}{8}$ | 8 $\frac{5}{8}$ | H |
| 124 | 1 $\frac{1}{2}$ | 12 | 1 | 3 $\frac{5}{8}$ | 5 $\frac{3}{4}$ | H |
| 125 | 1 $\frac{9}{16}$ | 80 | $\frac{7}{8}$ | 2 $\frac{1}{8}$ | 3 $\frac{3}{4}$ | — |
| 126 | 1 $\frac{5}{8}$ | 85 | 1 $\frac{1}{16}$ | 2 $\frac{7}{8}$ | 7 $\frac{3}{4}$ | 6 |
| 127 | 1 $\frac{5}{8}$ | 79 | 1 $\frac{1}{16}$ | 2 $\frac{7}{8}$ | 4 $\frac{1}{2}$ | 6 |
| 128 | 1 $\frac{5}{8}$ | 16 | 1 $\frac{1}{16}$ | 2 $\frac{15}{16}$ | 8 $\frac{1}{4}$ | H |
| 129 | 1 $\frac{5}{8}$ | 23 | 1 $\frac{1}{16}$ | 2 $\frac{7}{8}$ | 11 $\frac{3}{4}$ | H |
| 130 | 1 $\frac{5}{8}$ | 11 | 1 $\frac{1}{16}$ | 2 $\frac{7}{8}$ | 5 $\frac{3}{4}$ | H |
| 131 | 1 $\frac{5}{8}$ | 13 | 1 $\frac{1}{16}$ | 3 $\frac{1}{4}$ | 6 $\frac{1}{16}$ | H |
| 132 | 1 $\frac{5}{8}$ | 30 | 1 $\frac{1}{16}$ | 3 | 3 $\frac{9}{16}$ | H |
| 133 | 1 $\frac{5}{8}$ | 16 | 1 $\frac{1}{16}$ | 2 $\frac{1}{4}$ | 8 $\frac{5}{16}$ | H |
| 134 | 1 $\frac{5}{8}$ | 14 | 1 $\frac{1}{8}$ | 3 $\frac{1}{2}$ | 7 $\frac{3}{8}$ | H |
| 135 | 1 $\frac{5}{8}$ | 13 | 1 $\frac{3}{16}$ | 5 $\frac{3}{8}$ | 6 $\frac{3}{4}$ | H |
| 136 | 1 $\frac{11}{16}$ | 10 | 1 $\frac{1}{16}$ | 4 | 5 $\frac{7}{16}$ | H |
| 137 | 1 $\frac{11}{16}$ | 12 | 1 $\frac{1}{4}$ | 4 $\frac{1}{2}$ | 6 $\frac{9}{16}$ | H |
| 138 | 1 $\frac{11}{16}$ | 18 | 1 $\frac{1}{4}$ | 3 $\frac{1}{2}$ | 9 $\frac{3}{4}$ | H |
| 139 | 1 $\frac{11}{16}$ | 96 | 1 $\frac{3}{16}$ | 4 $\frac{3}{16}$ | 3 $\frac{3}{4}$ | 6 |
| 139 $\frac{1}{2}$ | 1 $\frac{11}{16}$ | 96 | 1 $\frac{3}{16}$ | 4 $\frac{3}{16}$ | 3 $\frac{3}{4}$ | 8 |

Cylindriska Kugghjul.

| Kuggarnes | | | | | Diametern i Djulingstjälkel. | | Annamnes antal. |
|-------------------|------------------|--------|------------------|------------------|---------------------------------|-------------------|-----------------|
| N ^o . | Djuling. | Antal. | Höjd. | Bredd. | tot. | tum. | |
| 140 | 1 $\frac{1}{6}$ | 13 | 1 $\frac{3}{16}$ | 4 $\frac{3}{16}$ | — | 7 $\frac{1}{16}$ | H |
| 140 $\frac{1}{2}$ | 1 $\frac{1}{6}$ | 19 | 1 $\frac{3}{16}$ | 4 $\frac{3}{16}$ | — | — | H |
| 141 | 1 $\frac{1}{6}$ | 24 | 1 $\frac{3}{16}$ | 4 $\frac{1}{4}$ | 1 | 1 | H |
| 142 | 1 $\frac{3}{8}$ | 128 | 1 | 3 $\frac{1}{16}$ | 5 | 11 | — |
| 143 | 1 $\frac{3}{8}$ | 136 | 1 | 4 | 6 | 4 | — |
| 144 | 1 $\frac{3}{8}$ | 121 | 1 | 3 $\frac{1}{16}$ | 5 | 7 $\frac{1}{4}$ | — |
| 145 | 1 $\frac{3}{8}$ | 81 | 1 | 4 | 3 | 8 $\frac{7}{16}$ | 5 |
| 146 | 1 $\frac{3}{8}$ | 57 | 1 | 4 | 2 | 8 $\frac{1}{8}$ | 6 |
| 147 | 1 $\frac{3}{8}$ | 34 | 1 | 4 | 1 | 6 $\frac{3}{8}$ | 4 |
| 148 | 1 $\frac{3}{16}$ | 24 | 1 | 4 | 1 | 1 $\frac{7}{8}$ | — |
| 149 | 1 $\frac{3}{8}$ | 20 | 1 $\frac{1}{4}$ | 4 | — | 11 $\frac{3}{8}$ | H |
| 150 | 1 $\frac{3}{8}$ | 11 | 1 $\frac{1}{16}$ | 5 $\frac{1}{2}$ | — | 6 $\frac{1}{4}$ | H |
| 151 | 1 $\frac{3}{16}$ | 53 | 1 $\frac{1}{16}$ | 4 | 2 | 6 $\frac{3}{16}$ | 4 |
| 152 | 1 $\frac{7}{8}$ | 26 | 1 | 4 $\frac{3}{8}$ | 1 | 3 $\frac{5}{16}$ | 4 |
| 153 | 1 $\frac{7}{8}$ | 12 | 1 $\frac{1}{4}$ | 3 $\frac{3}{8}$ | — | 7 $\frac{1}{4}$ | H |
| 154 | 1 $\frac{5}{16}$ | 11 | 1 $\frac{1}{4}$ | 5 $\frac{3}{8}$ | — | 6 $\frac{7}{8}$ | H |
| 155 | 1 $\frac{5}{16}$ | 22 | 1 | 4 $\frac{3}{4}$ | 1 | 1 $\frac{1}{2}$ | 4 |
| 156 | 1 $\frac{5}{16}$ | 14 | 1 $\frac{5}{16}$ | 3 $\frac{3}{4}$ | — | 8 $\frac{3}{8}$ | H |
| 157 | 1 $\frac{5}{16}$ | 19 | 1 $\frac{5}{16}$ | 4 | — | 11 $\frac{7}{8}$ | H |
| 158 | 2 | 30 | 1 $\frac{3}{8}$ | 5 | 1 | 6 $\frac{7}{8}$ | 4 |
| 159 | 2 | 22 | 1 $\frac{3}{8}$ | 5 | 1 | 1 $\frac{7}{8}$ | H |
| 160 | 2 | 12 | 1 $\frac{3}{8}$ | 4 | — | 7 $\frac{3}{16}$ | H |
| 161 | 2 | 65 | 1 $\frac{1}{4}$ | 3 | 3 | 5 $\frac{1}{4}$ | 8 |
| 162 | 2 $\frac{1}{16}$ | 23 | 1 $\frac{1}{4}$ | 5 $\frac{5}{8}$ | 1 | 3 | 4 |
| 163 | 2 $\frac{1}{8}$ | 35 | 1 $\frac{9}{16}$ | 6 | 1 | 11 $\frac{7}{16}$ | 4 |
| 164 | 2 $\frac{1}{8}$ | 30 | 1 $\frac{1}{2}$ | 6 | 1 | 8 $\frac{1}{4}$ | — |
| 165 | 2 $\frac{1}{8}$ | 28 | 1 $\frac{1}{2}$ | 6 | 1 | 6 $\frac{1}{16}$ | 4 |
| 166 | 2 $\frac{1}{8}$ | 23 | 1 $\frac{1}{2}$ | 6 | 1 | 3 $\frac{1}{2}$ | 4 |

Cylindriska Kuggjul.

| Kuggarnes | | | | | Diameter i delningssirkel. | Armanes antal. |
|-----------|------------------|--------|------------------|------------------|-------------------------------|-------------------|
| <i>M</i> | Delning | Antal. | Höjd. | Bredd. | | |
| 167 | $2 \frac{1}{8}$ | 33 | $1 \frac{1}{8}$ | $4 \frac{1}{4}$ | 1 10 $\frac{1}{8}$ | 3 |
| 168 | $2 \frac{1}{8}$ | 15 | $1 \frac{1}{4}$ | $4 \frac{1}{16}$ | — 10 $\frac{5}{16}$ | H |
| 169 | $2 \frac{1}{4}$ | 27 | $1 \frac{5}{8}$ | 4 | 1 7 $\frac{1}{4}$ | H |
| 170 | $2 \frac{1}{4}$ | 84 | $1 \frac{1}{2}$ | $4 \frac{1}{8}$ | 5 $\frac{1}{4}$ | — |
| 171 | $2 \frac{1}{4}$ | 19 | $1 \frac{1}{8}$ | 6 | 1 1 $\frac{11}{16}$ | H |
| 172 | $2 \frac{1}{4}$ | 14 | $1 \frac{1}{8}$ | $3 \frac{1}{16}$ | — 10 $\frac{3}{16}$ | H |
| 173 | $2 \frac{1}{4}$ | 18 | $1 \frac{1}{2}$ | $5 \frac{5}{8}$ | 1 1 | 5 |
| 174 | $2 \frac{1}{4}$ | 33 | $1 \frac{3}{8}$ | $4 \frac{5}{8}$ | 1 11 $\frac{5}{8}$ | 6 |
| 175 | $2 \frac{1}{4}$ | 52 | $1 \frac{1}{8}$ | 5 | 3 1 $\frac{1}{2}$ | 4 |
| 176 | $2 \frac{1}{4}$ | 46 | $1 \frac{1}{4}$ | $4 \frac{1}{4}$ | 2 9 | 6 |
| 177 | $2 \frac{1}{4}$ | 24 | $1 \frac{7}{16}$ | $4 \frac{1}{4}$ | 1 5 $\frac{3}{8}$ | 4 |
| 178 | $2 \frac{5}{16}$ | 37 | $1 \frac{9}{16}$ | $5 \frac{3}{8}$ | 2 3 $\frac{1}{8}$ | 4 |
| 179 | $2 \frac{1}{4}$ | 16 | $1 \frac{7}{16}$ | 5 | — 11 $\frac{11}{16}$ | H |
| 180 | $2 \frac{5}{16}$ | 110 | $1 \frac{7}{16}$ | 5 | 6 8 | 6 |
| 181 | $2 \frac{5}{16}$ | 74 | $1 \frac{7}{16}$ | 5 | 4 5 $\frac{7}{8}$ | 6 |
| 182 | $2 \frac{5}{16}$ | 22 | $1 \frac{1}{2}$ | 5 | 1 4 $\frac{1}{16}$ | H |
| 183 | $2 \frac{3}{8}$ | 36 | $1 \frac{9}{16}$ | $5 \frac{3}{4}$ | 2 3 | 4 |
| 184 | $2 \frac{3}{8}$ | 21 | $1 \frac{3}{8}$ | 6 | 1 3 $\frac{3}{4}$ | 4 |
| 185 | $2 \frac{5}{16}$ | 12 | — | — | — 9 | H |
| 186 | $2 \frac{7}{16}$ | 31 | $1 \frac{9}{16}$ | $6 \frac{3}{4}$ | 2 — | 5 |
| 187 | $2 \frac{7}{16}$ | 26 | $1 \frac{9}{16}$ | $6 \frac{3}{4}$ | 1 8 $\frac{1}{8}$ | 4 |
| 188 | $2 \frac{7}{16}$ | 23 | $1 \frac{9}{16}$ | $6 \frac{3}{4}$ | 1 5 $\frac{7}{8}$ | 4 |
| 189 | $2 \frac{7}{16}$ | 39 | $1 \frac{1}{4}$ | 8 | 2 6 $\frac{3}{8}$ | 4 |
| 190 | $2 \frac{7}{16}$ | 18 | $1 \frac{1}{4}$ | $5 \frac{5}{8}$ | 1 2 $\frac{1}{8}$ | 4 |
| 191 | $2 \frac{1}{2}$ | 45 | $1 \frac{7}{8}$ | 6 | 2 11 $\frac{5}{8}$ | 6 |
| 192 | $2 \frac{1}{2}$ | 160 | $1 \frac{7}{8}$ | 6 | 10 7 $\frac{1}{2}$ | 6 |
| 193 | $2 \frac{1}{2}$ | 33 | $1 \frac{7}{8}$ | 6 | 2 2 $\frac{3}{8}$ | 5 |
| 194 | $2 \frac{1}{2}$ | 35 | $1 \frac{5}{8}$ | 6 | 2 3 $\frac{5}{8}$ | 4 |

Cylindriska Kuggjul.

| Kuggarnes | | | | | Diamater i delningscirkel | | Armarnes antal. |
|----------------|-----------------|-------|-----------------|-----------------|---------------------------|------------------|-----------------|
| N ^o | Delning. | Antal | Höjd. | Bredd. | tot. | tum. | |
| 195 | $2\frac{1}{2}$ | 48 | $1\frac{3}{4}$ | $5\frac{1}{2}$ | 3 | $2\frac{1}{4}$ | 5 |
| 196 | $2\frac{1}{2}$ | 10 | $1\frac{5}{8}$ | $5\frac{1}{4}$ | — | $8\frac{3}{16}$ | H |
| 197 | $2\frac{1}{2}$ | 22 | $1\frac{1}{2}$ | 7 | 1 | $5\frac{5}{8}$ | 4 |
| 198 | $2\frac{1}{2}$ | 42 | $1\frac{3}{4}$ | 6 | 2 | $9\frac{5}{8}$ | 4 |
| 199 | $2\frac{1}{2}$ | 23 | $1\frac{7}{16}$ | 6 | 1 | $6\frac{3}{8}$ | 4 |
| 200 | $2\frac{1}{2}$ | 128 | 1 | 6 | 8 | $5\frac{3}{4}$ | 8 |
| 201 | $2\frac{1}{2}$ | 38 | $1\frac{1}{16}$ | $6\frac{1}{16}$ | 2 | $6\frac{11}{16}$ | 5 |
| 202 | $2\frac{1}{2}$ | 12 | $1\frac{1}{8}$ | $6\frac{1}{4}$ | — | $9\frac{3}{4}$ | H |
| 203 | $2\frac{1}{2}$ | 31 | $1\frac{1}{4}$ | $6\frac{3}{4}$ | 2 | $1\frac{1}{2}$ | 4 |
| 204 | $2\frac{1}{2}$ | 20 | $1\frac{1}{16}$ | 5 | 1 | $5\frac{1}{8}$ | — |
| 205 | $2\frac{1}{2}$ | 24 | $1\frac{7}{8}$ | $5\frac{7}{8}$ | 1 | $8\frac{3}{8}$ | — |
| 206 | $2\frac{3}{4}$ | 70 | $1\frac{7}{16}$ | $6\frac{1}{2}$ | 5 | $1\frac{3}{2}$ | 8 |
| 207 | $2\frac{3}{4}$ | 24 | $1\frac{7}{16}$ | $6\frac{3}{8}$ | 1 | $8\frac{7}{8}$ | 4 |
| 208 | $2\frac{7}{8}$ | 12 | $1\frac{7}{16}$ | 5 | — | $11\frac{1}{8}$ | H |
| 209 | 3 | 74 | $1\frac{1}{16}$ | $6\frac{1}{16}$ | 5 | $10\frac{7}{8}$ | — |
| 210 | 3 | 36 | $1\frac{7}{8}$ | $6\frac{1}{16}$ | 2 | $10\frac{1}{4}$ | — |
| 211 | 3 | 14 | $1\frac{1}{16}$ | 7 | 1 | $1\frac{1}{2}$ | H |
| 212 | 3 | 23 | $1\frac{3}{4}$ | 6 | 1 | 10 | — |
| 213 | 3 | 16 | $1\frac{1}{16}$ | 6 | 1 | $3\frac{1}{4}$ | — |
| 214 | 3 | 9 | $1\frac{3}{4}$ | $4\frac{1}{4}$ | — | $8\frac{1}{16}$ | H |
| 215 | | | | | | | |
| 216 | $3\frac{7}{16}$ | 28 | $1\frac{1}{16}$ | $5\frac{7}{8}$ | 2 | $6\frac{3}{4}$ | — |
| 217 | $3\frac{1}{2}$ | 11 | $2\frac{1}{8}$ | $6\frac{1}{4}$ | 1 | $\frac{1}{2}$ | H |
| 218 | $3\frac{1}{6}$ | 20 | $2\frac{1}{4}$ | $7\frac{1}{16}$ | 1 | $11\frac{5}{8}$ | — |
| 219 | $4\frac{1}{4}$ | 22 | $2\frac{1}{8}$ | 6 | 2 | $5\frac{7}{8}$ | — |
| 220 | $4\frac{1}{6}$ | 29 | $2\frac{3}{8}$ | 6 | 3 | $8\frac{3}{8}$ | 6 |
| 221 | $2\frac{1}{4}$ | 40 | $1\frac{1}{2}$ | $4\frac{1}{4}$ | 2 | $4\frac{3}{8}$ | — |
| 222 | $\frac{5}{8}$ | 272 | $\frac{5}{16}$ | $1\frac{1}{8}$ | 2 | $10\frac{1}{16}$ | 8 |

Cylindriska Kuggjul

| № | Kuggarnes | | | | Diameter i delningscirkel. fot. tum. | Antal H | Kuggarnes | | |
|-------------------|------------------|--------|------------------|-----------------|--|-------------------|-----------|----------|----|
| | Dehning. | Antal. | Höjd. | Bredd. | | | Vänst. | Dehning. | W. |
| 223 | $\frac{3}{16}$ | 19 | $\frac{5}{16}$ | $1\frac{3}{16}$ | — | 2 $\frac{3}{8}$ | H | 189 | |
| 224 | $\frac{5}{16}$ | 19 | $\frac{7}{16}$ | $1\frac{3}{16}$ | — | 3 $1\frac{1}{16}$ | H | 190 | |
| 225 | $\frac{13}{16}$ | 22 | $\frac{9}{16}$ | $1\frac{3}{4}$ | — | 5 $1\frac{3}{16}$ | H | 191 | |
| 225 $\frac{1}{2}$ | $\frac{13}{16}$ | 17 | $\frac{9}{16}$ | $1\frac{3}{4}$ | — | 4 $\frac{1}{16}$ | H | 192 | |
| 226 | 3 | 22 | $1\frac{5}{16}$ | 8 | 1 | 9 $1\frac{1}{16}$ | H | 193 | |
| 227 | $2\frac{1}{2}$ | 19 | $1\frac{2}{16}$ | 6 | 1 | 3 $\frac{1}{4}$ | 4 | 194 | |
| 228 | 3 | 19 | $1\frac{1}{16}$ | 8 | 1 | 6 $\frac{7}{16}$ | H | 195 | |
| 229 | $1\frac{1}{4}$ | 52 | $\frac{7}{8}$ | 3 | 1 | 8 $1\frac{3}{16}$ | 4 | 196 | |
| 230 | 3 | 84 | $1\frac{1}{16}$ | 8 | 6 | 8 $\frac{1}{4}$ | 6 | 197 | |
| 231 | | | | | | | | 198 | |
| 232 | $\frac{7}{8}$ | 17 | $\frac{9}{16}$ | $1\frac{3}{4}$ | — | 4 $1\frac{1}{16}$ | H | 199 | |
| 233 | $1\frac{1}{4}$ | 92 | $\frac{1}{16}$ | $1\frac{1}{16}$ | 3 | 1 | 8 | 200 | |
| 234 | $2\frac{1}{2}$ | 28 | $1\frac{5}{8}$ | $5\frac{1}{2}$ | 1 | 10 | 4 | 201 | |
| 235 | $2\frac{1}{2}$ | 17 | $1\frac{3}{8}$ | $7\frac{1}{2}$ | 1 | 2 | H | 202 | |
| 236 | $1\frac{11}{16}$ | 51 | $1\frac{1}{8}$ | $4\frac{1}{4}$ | 2 | 3 $\frac{5}{8}$ | 6 | 203 | |
| 237 | $1\frac{11}{16}$ | 76 | $1\frac{1}{8}$ | $4\frac{1}{4}$ | 3 | 5 $\frac{1}{16}$ | 6 | 204 | |
| 238 | $2\frac{1}{2}$ | 25 | $1\frac{9}{16}$ | $6\frac{3}{4}$ | 1 | 8 | 4 | 205 | |
| 239 | $2\frac{1}{2}$ | 26 | $1\frac{9}{16}$ | $6\frac{3}{4}$ | 1 | 8 $\frac{3}{4}$ | 4 | 206 | |
| 240 | $2\frac{1}{2}$ | 27 | $1\frac{9}{16}$ | $6\frac{3}{4}$ | 1 | 9 $\frac{9}{16}$ | 4 | 207 | |
| 241 | 1 | 25 | $\frac{5}{8}$ | 2 | — | 8 | 5 | 208 | |
| 242 | $\frac{13}{16}$ | 24 | $\frac{9}{16}$ | $1\frac{3}{4}$ | — | 6 $\frac{3}{8}$ | H | 209 | |
| 243 | $1\frac{1}{4}$ | 15 | $\frac{11}{16}$ | $2\frac{7}{16}$ | — | 6 | H | 210 | |
| 244 | $1\frac{11}{16}$ | 77 | $1\frac{1}{8}$ | $4\frac{1}{4}$ | — | — | — | 211 | |
| 245 | $2\frac{5}{8}$ | 37 | $1\frac{3}{4}$ | — | 2 | 5 $\frac{3}{4}$ | 4 | 212 | |
| 246 | $2\frac{1}{2}$ | 30 | $1\frac{5}{8}$ | 7 | 2 | — | 6 | 213 | |
| 247 | $2\frac{1}{2}$ | 37 | $1\frac{11}{16}$ | $8\frac{3}{4}$ | 2 | 5 $\frac{5}{8}$ | 5 | 214 | |
| 248 | $\frac{7}{8}$ | 54 | $\frac{5}{8}$ | $2\frac{1}{8}$ | 1 | 3 $\frac{3}{8}$ | H | 215 | |
| 249 | $\frac{7}{8}$ | 18 | $\frac{5}{8}$ | $2\frac{1}{8}$ | — | 5 $\frac{1}{8}$ | H | 216 | |

Cylindriska Kugghjul.

| Kuggarnes | | | | | Diameter i delningscirkel. | Armanes antal. | Armanes antal. | Djupns | Ar. |
|------------------|-----------------|--------|-----------------|----------------|-------------------------------|-------------------|----------------|--------|-----|
| N ^o . | Djuling | Antal. | Höjd. | Brödd. | | | | | |
| 250 | 1 | 16 | $1\frac{1}{2}$ | $2\frac{5}{8}$ | 5 $\frac{1}{16}$ | H | | 278 | |
| 251 | 2 $\frac{1}{2}$ | 84 | $1\frac{3}{4}$ | $6\frac{1}{8}$ | 5 | — | | 279 | |
| 252 | 1 $\frac{1}{6}$ | 28 | $1\frac{1}{6}$ | $2\frac{3}{8}$ | 1 $\frac{9}{16}$ | — | | 280 | |
| 253 | 1 $\frac{5}{8}$ | 24 | $1\frac{1}{6}$ | $2\frac{1}{4}$ | 1 | — | | 281 | |
| 254 | 2 $\frac{3}{2}$ | 31 | $1\frac{3}{4}$ | 5 | 2 $2\frac{1}{4}$ | 4 | | 282 | |
| 255 | 2 $\frac{3}{4}$ | 21 | $1\frac{7}{8}$ | $6\frac{1}{2}$ | 1 $6\frac{3}{8}$ | 4 | | 283 | |
| 256 | 1 | 17 | $1\frac{3}{4}$ | $2\frac{1}{8}$ | — | 5 $\frac{1}{16}$ | H | 284 | |
| 257 | $\frac{7}{8}$ | 36 | $1\frac{5}{8}$ | $2\frac{1}{8}$ | 10 $\frac{3}{16}$ | H | | 285 | |
| 258 | 1 $\frac{3}{2}$ | 16 | $1\frac{1}{4}$ | 4 | — | 9 $\frac{1}{8}$ | H | 286 | |
| 259 | 2 $\frac{1}{2}$ | 18 | $1\frac{3}{4}$ | 6 | 1 | 2 $\frac{3}{8}$ | 4 | 287 | |
| 260 | 1 $\frac{1}{8}$ | 13 | $1\frac{1}{2}$ | $2\frac{1}{8}$ | — | 4 $\frac{3}{2}$ | H | 288 | |
| 261 | 1 $\frac{1}{6}$ | 15 | $1\frac{1}{6}$ | $1\frac{7}{8}$ | — | 5 $\frac{1}{16}$ | H | 289 | |
| 262 | 1 | 15 | $1\frac{1}{6}$ | $1\frac{1}{2}$ | — | 4 $\frac{1}{16}$ | H | 290 | |
| 263 | 1 $\frac{1}{8}$ | 58 | $1\frac{5}{8}$ | $1\frac{1}{2}$ | 1 | 8 $\frac{3}{4}$ | 5 R | 291 | |
| 264 | 1 $\frac{1}{8}$ | 11 | $1\frac{5}{8}$ | $2\frac{1}{2}$ | — | 4 | H | 292 | |
| 265 | $\frac{11}{16}$ | 16 | $1\frac{9}{16}$ | $1\frac{3}{4}$ | — | 3,67 | H | 293 | |
| 266 | $\frac{5}{8}$ | 27 | $1\frac{7}{16}$ | $1\frac{1}{4}$ | — | 5 $\frac{11}{32}$ | H | 294 | |
| 267 | $\frac{5}{8}$ | 36 | $1\frac{7}{16}$ | $1\frac{1}{4}$ | — | 7 $\frac{1}{8}$ | H | 295 | |
| 268 | $\frac{5}{8}$ | 41 | $1\frac{7}{16}$ | $1\frac{1}{4}$ | — | 8 $\frac{1}{8}$ | H | 296 | |
| 269 | $\frac{5}{8}$ | 45 | $1\frac{7}{16}$ | $1\frac{1}{4}$ | — | 8 $\frac{15}{16}$ | H | 297 | |
| 270 | $\frac{5}{8}$ | 54 | $1\frac{7}{16}$ | $1\frac{1}{4}$ | 10 $\frac{11}{16}$ | H | | 298 | |
| 271 | 2 $\frac{3}{4}$ | 22 | $1\frac{3}{8}$ | $6\frac{1}{2}$ | 1 | 7 | 4 | 299 | |
| 272 | 1 $\frac{1}{4}$ | 21 | $1\frac{7}{8}$ | 3 | — | 8 $\frac{3}{8}$ | H | 300 | |
| 273 | 1 $\frac{1}{4}$ | 31 | $1\frac{7}{8}$ | 2 | 1 | 0,54 | 5 R | 301 | |
| 274 | 1 $\frac{1}{4}$ | 14 | $1\frac{7}{8}$ | 2 | — | 5,6 | H | 302 | |
| 275 | 1 $\frac{1}{4}$ | 17 | $1\frac{5}{4}$ | 3 | — | 6 $\frac{3}{4}$ | H | 303 | |
| 276 | 1 $\frac{1}{4}$ | 28 | $1\frac{1}{2}$ | $2\frac{1}{2}$ | — | 11,146 | H | 304 | |
| 277 | 1,96 | 22 | $1\frac{3}{8}$ | $3\frac{3}{4}$ | 1 | 1,77 | 4 | 305 | |

Cylindriska Kugghjul.

| Kuggarnes | | | | Diameter i delningscirkel. | Amnarnes antal. | |
|----------------|------------------|--------|------------------|-------------------------------|---------------------|---|
| N ^o | Delning | Antal. | Bredd. | | | |
| 278 | 1 $\frac{5}{8}$ | 24 | 1 $\frac{1}{8}$ | 3 | 1 3 | H |
| 279 | $\frac{5}{8}$ | 35 | $\frac{7}{16}$ | 1 $\frac{1}{4}$ | — 6 $\frac{1}{16}$ | H |
| 280 | $\frac{5}{8}$ | 56 | $\frac{7}{16}$ | 1 $\frac{1}{4}$ | — 11 $\frac{1}{16}$ | H |
| 281 | $\frac{7}{8}$ | 47 | $\frac{5}{8}$ | 2 $\frac{1}{8}$ | 1 1 $\frac{3}{8}$ | H |
| 282 | $\frac{7}{8}$ | 61 | $\frac{5}{8}$ | 2 $\frac{1}{8}$ | 1 5 $\frac{3}{8}$ | H |
| 283 | 1 $\frac{5}{8}$ | 18 | 1 $\frac{1}{16}$ | 3 $\frac{1}{2}$ | — 9 $\frac{1}{4}$ | H |
| 284 | 1 $\frac{1}{8}$ | 25 | $\frac{13}{16}$ | 1 $\frac{11}{16}$ | — 8 $\frac{1}{16}$ | H |
| 285 | 2 $\frac{1}{16}$ | 24 | 1 $\frac{7}{16}$ | 6 | 1 3, 8 | 4 |
| 286 | 2 $\frac{1}{16}$ | 25 | 1 $\frac{7}{16}$ | 6 | 1 4, 4, 6 | 4 |
| 287 | $\frac{5}{8}$ | 40 | $\frac{7}{16}$ | 1 $\frac{1}{4}$ | — 8 | H |
| 288 | $\frac{5}{8}$ | 50 | $\frac{7}{16}$ | 1 $\frac{1}{4}$ | — 10 | H |
| 289 | 1 | 24 | $\frac{1}{16}$ | 2 $\frac{3}{4}$ | — 7 $\frac{2}{16}$ | H |
| 290 | 1 $\frac{3}{8}$ | 16 | $\frac{7}{8}$ | 2 $\frac{5}{8}$ | — 7 $\frac{1}{16}$ | H |
| 291 | $\frac{1}{16}$ | 14 | $\frac{5}{16}$ | $\frac{1}{8}$ | — 2 $\frac{1}{16}$ | H |
| 292 | 1 $\frac{1}{8}$ | 23 | $\frac{13}{16}$ | 2 $\frac{1}{2}$ | — 8 $\frac{1}{4}$ | H |
| 293 | $\frac{2}{16}$ | 75 | $\frac{3}{8}$ | 1 $\frac{5}{16}$ | 1 2 $\frac{1}{16}$ | H |
| 294 | $\frac{2}{16}$ | 20 | $\frac{3}{8}$ | 1 $\frac{5}{16}$ | — 3 $\frac{3}{4}$ | H |
| 295 | | | | | | |
| 296 | | | | | | |
| 297 | | | | | | |
| 298 | | | | | | |
| 299 | | | | | | |
| 300 | | | | | | |
| 301 | | | | | | |
| 302 | | | | | | |
| 303 | | | | | | |
| 304 | | | | | | |
| 305 | | | | | | |

Kugglötär till Cylindriska Kugghjul.

| № | Kuggarnes | | | | | | Antal tärar till ett hjul. |
|----|------------------|--------|------------------|-----------------------------|------|------------------|----------------------------|
| | Delning. | Antal. | Höjd. | Bredd. | Fot. | Tum. | |
| 1 | $1 \frac{1}{6}$ | 60 | $1 \frac{5}{6}$ | $2 \frac{5}{6}$ | 9 | $7 \frac{1}{6}$ | 8 |
| 2 | $1 \frac{5}{4}$ | 44 | 1 | $2 \frac{1}{6}$ | 12 | $3 \frac{1}{6}$ | 12 |
| 3 | $1 \frac{5}{4}$ | 44 | 1 | $2 \frac{1}{6} \frac{5}{6}$ | 12 | $3 \frac{1}{6}$ | 12 |
| 4 | $1 \frac{5}{4}$ | 40 | $1 \frac{5}{6}$ | $3 \frac{5}{4}$ | 7 | $5 \frac{1}{6}$ | 8 |
| 5 | $1 \frac{13}{6}$ | 30 | $1 \frac{1}{6}$ | 4 | 4 | $3 \frac{1}{2}$ | 6 |
| 6 | $1 \frac{15}{6}$ | 33 | $1 \frac{1}{2}$ | $3 \frac{7}{8}$ | 15 | 5 | 18 |
| 7 | $1 \frac{15}{6}$ | 36 | $1 \frac{1}{6}$ | $3 \frac{1}{8}$ | 15 | — | 16 |
| 8 | 2 | 28 | $1 \frac{1}{2}$ | $5 \frac{1}{2}$ | 4 | $5 \frac{3}{4}$ | 6 |
| 9 | $2 \frac{1}{6}$ | 18 | $1 \frac{1}{2}$ | $3 \frac{7}{6}$ | 7 | $11 \frac{5}{6}$ | 16 |
| 10 | $2 \frac{7}{6}$ | 22 | $1 \frac{1}{6}$ | $4 \frac{5}{8}$ | 5 | $9 \frac{1}{6}$ | 8 |
| 11 | $2 \frac{1}{2}$ | 29 | $1 \frac{1}{2}$ | $7 \frac{1}{6} \frac{5}{6}$ | 7 | $8 \frac{1}{6}$ | 8 |
| 12 | $2 \frac{11}{6}$ | 21 | $1 \frac{7}{8}$ | $3 \frac{5}{8}$ | 12 | $1 \frac{1}{4}$ | 16 |
| 13 | $2 \frac{3}{4}$ | 29 | $1 \frac{1}{2}$ | 6 | 8 | $5 \frac{5}{6}$ | 8 |
| 14 | $2 \frac{17}{2}$ | 45 | $1 \frac{3}{4}$ | $6 \frac{1}{6}$ | 4 | $6 \frac{2}{6}$ | 3 |
| 15 | 1 | 41 | $\frac{3}{4}$ | 2 | 2 | 2 | 4 |
| 16 | $1 \frac{25}{2}$ | 58 | $1 \frac{3}{8}$ | $3 \frac{1}{2}$ | 11 | — | 8 |
| 17 | $1 \frac{3}{4}$ | 48 | $1 \frac{1}{8}$ | 3 | 8 | $10 \frac{1}{4}$ | 8 |
| 18 | 1 | 37 | $1 \frac{11}{6}$ | $2 \frac{3}{4}$ | 5 | — | 10 |
| 19 | | | | | | | |
| 20 | | | | | | | |
| 21 | | | | | | | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |
| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |

Kuggstänger.

| Kuggarnes | | | | Stångens längd. | Stångens längd. | |
|----------------|-----------------|--------|-----------------|--------------------|--------------------|-----------------|
| N ^o | Delning. | Antal. | Höjd. | | Bredd. | tot. |
| 1 | $\frac{3}{4}$ | 65 | $\frac{3}{8}$ | $2\frac{7}{16}$ | 4 | $1\frac{3}{4}$ |
| 2 | $\frac{3}{4}$ | 30 | $\frac{3}{8}$ | $2\frac{7}{16}$ | 1 | $10\frac{1}{2}$ |
| 3 | $\frac{3}{4}$ | 14 | $\frac{3}{8}$ | $1\frac{7}{16}$ | 2 | $1\frac{1}{8}$ |
| 4 | $\frac{3}{4}$ | 18 | $\frac{3}{8}$ | $1\frac{1}{8}$ | 1 | 2 |
| 5 | $\frac{3}{4}$ | 18 | $\frac{3}{8}$ | $1\frac{1}{8}$ | 1 | 2 |
| 6 | 1 | 8 | $\frac{3}{4}$ | $2\frac{9}{16}$ | — | $7\frac{3}{4}$ |
| 7 | 1 | 16 | $\frac{1}{2}$ | $1\frac{1}{4}$ | 2 | $6\frac{1}{2}$ |
| 8 | 1 | 21 | $\frac{9}{16}$ | $1\frac{3}{4}$ | 1 | $10\frac{5}{8}$ |
| 9 | $1\frac{1}{8}$ | 12 | $\frac{5}{8}$ | $1\frac{5}{16}$ | 2 | $6\frac{1}{2}$ |
| 10 | $1\frac{3}{16}$ | 18 | $\frac{11}{16}$ | $1\frac{3}{4}$ | 1 | $8\frac{1}{4}$ |
| 11 | $1\frac{3}{16}$ | 18 | $\frac{7}{8}$ | 3 | 2 | 3 |
| 12 | $1\frac{1}{4}$ | 44 | $\frac{7}{8}$ | 3 | 4 | 5 |
| 13 | $1\frac{1}{4}$ | 14 | $\frac{3}{4}$ | $2\frac{7}{16}$ | 1 | $5\frac{3}{4}$ |
| 14 | $1\frac{1}{4}$ | 39 | $1\frac{5}{16}$ | $1\frac{1}{2}$ | 4 | 1 |
| 15 | $1\frac{1}{4}$ | 17 | $1\frac{1}{2}$ | $1\frac{5}{16}$ | 1 | $11\frac{1}{4}$ |
| 16 | $1\frac{1}{4}$ | 13 | $1\frac{1}{2}$ | 2 | 1 | 8 |
| 17 | $1\frac{1}{4}$ | 22 | $\frac{3}{4}$ | $2\frac{1}{16}$ | 2 | 4 |
| 18 | $1\frac{1}{4}$ | 18 | $\frac{3}{4}$ | 2 | 1 | $10\frac{1}{2}$ |
| 19 | $1\frac{7}{16}$ | 36 | $\frac{3}{4}$ | $2\frac{1}{2}$ | 4 | $2\frac{3}{4}$ |
| 20 | $1\frac{1}{2}$ | 6 | 1 | 2 | — | $9\frac{7}{8}$ |
| 21 | $1\frac{5}{8}$ | 34 | $1\frac{1}{8}$ | $2\frac{1}{4}$ | 4 | 7 |
| 22 | $2\frac{1}{16}$ | 21 | $1\frac{3}{4}$ | 3 | 2 | 8 |
| 23 | 1 | 48 | $\frac{5}{8}$ | 2 | 4 | $\frac{1}{4}$ |
| 24 | 1 | 24 | $1\frac{1}{16}$ | $2\frac{1}{4}$ | 2 | $6\frac{1}{4}$ |
| 25 | $\frac{3}{4}$ | 24 | $\frac{1}{2}$ | $1\frac{1}{2}$ | 1 | 9 |
| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |

Koniska Kugghjul.

| Kuggarnes | | | | Diameter i delningen. | Armanes antal. |
|----------------|----------------|--------|----------------|--------------------------|----------------|
| N ^o | Delning | Antal. | Höjd. | | |
| 1 | $\frac{2}{8}$ | 51 | $\frac{1}{4}$ | $1\frac{1}{2}$ | — |
| 2 | $\frac{2}{8}$ | 12 | $\frac{1}{4}$ | $1\frac{1}{2}$ | H |
| 3 | $\frac{2}{8}$ | 26 | $1\frac{5}{8}$ | $1\frac{5}{8}$ | H |
| 4 | | | | | |
| 5 | $1\frac{1}{2}$ | 18 | $\frac{3}{8}$ | $1\frac{1}{2}$ | H |
| 6 | $1\frac{1}{2}$ | 10 | $\frac{5}{8}$ | $\frac{1}{4}$ | H |
| 7 | $\frac{3}{4}$ | 50 | $1\frac{1}{2}$ | 2 | H |
| 8 | $\frac{3}{4}$ | 10 | $1\frac{1}{2}$ | 2 | H |
| 9 | $1\frac{3}{2}$ | 9 | $\frac{3}{8}$ | $1\frac{3}{8}$ | H |
| 10 | | | | | |
| 11 | $1\frac{5}{8}$ | 19 | $\frac{7}{8}$ | $1\frac{5}{8}$ | H |
| 12 | $\frac{7}{8}$ | 33 | $\frac{7}{8}$ | $1\frac{1}{2}$ | H |
| 13 | | | | | |
| 14 | $\frac{7}{8}$ | 17 | $1\frac{1}{2}$ | $1\frac{1}{2}$ | H |
| 15 | | | | | |
| 16 | 1 | 22 | $1\frac{1}{2}$ | $1\frac{5}{8}$ | H |
| 17 | | | | | |
| 18 | 1 | 18 | $\frac{5}{8}$ | $1\frac{1}{2}$ | H |
| 19 | 1 | 42 | $\frac{5}{8}$ | $1\frac{5}{8}$ | 5 |
| 20 | $1\frac{1}{2}$ | 14 | $1\frac{1}{2}$ | $1\frac{5}{8}$ | H |
| 21 | | | | | |
| 22 | $1\frac{1}{4}$ | 25 | $\frac{7}{8}$ | 2 | H |
| 23 | $1\frac{1}{2}$ | 200 | 1 | $3\frac{1}{2}$ | — |
| 24 | $1\frac{1}{2}$ | 20 | 1 | $3\frac{1}{2}$ | — |
| 25 | $1\frac{2}{8}$ | 48 | $\frac{7}{8}$ | 3 | 4 |
| 26 | $1\frac{2}{8}$ | 16 | $\frac{7}{8}$ | 3 | H |
| 27 | $1\frac{2}{8}$ | 142 | $1\frac{3}{8}$ | $2\frac{1}{2}$ | — |
| 28 | | | | | — |

Koniska Kugghjul.

| Kuggarnes | | | | | Diameter i delningen. | | Armarnes antal. |
|------------------|--------------------------------|--------|------------------|-------------------------------|-----------------------|------------------|-----------------|
| N ^o . | Delning | Antal. | Höjd. | Bredd. | tot. | tum. | |
| 29 | 1 $\frac{5}{4}$ | 120 | 1 | 2 $\frac{5}{4}$ | 5 | 8 $\frac{1}{4}$ | — |
| 30 | | | | | 1 | 2 | — |
| 31 | 1 $\frac{1}{10}$ $\frac{5}{6}$ | 108 | 1 $\frac{1}{8}$ | 3 $\frac{7}{6}$ $\frac{5}{6}$ | 5 | 7 $\frac{1}{2}$ | — |
| 32 | 1 $\frac{1}{10}$ $\frac{5}{6}$ | 20 | 1 $\frac{1}{8}$ | 3 $\frac{7}{8}$ | 1 | 1 $\frac{1}{6}$ | H |
| 33 | 2 | 74 | 1 $\frac{1}{8}$ | 4 $\frac{5}{6}$ $\frac{5}{6}$ | 3 | 11 $\frac{1}{6}$ | 8 |
| 34 | 2 | 22 | 1 $\frac{1}{8}$ | 4 $\frac{5}{6}$ $\frac{5}{6}$ | 1 | 2 | 4 |
| 35 | 2 $\frac{1}{4}$ | 45 | 1 $\frac{5}{8}$ | 5 $\frac{1}{6}$ $\frac{5}{6}$ | 2 | 8 $\frac{1}{2}$ | 5 |
| 36 | 2 $\frac{1}{4}$ | 27 | 1 $\frac{5}{8}$ | 5 $\frac{1}{6}$ $\frac{5}{6}$ | 1 | 7 $\frac{1}{2}$ | H |
| 37 | 2 $\frac{3}{8}$ | 112 | 1 $\frac{9}{16}$ | 6 $\frac{7}{8}$ | 6 | 11 $\frac{3}{4}$ | — |
| 38 | 2 $\frac{5}{8}$ | 38 | 1 $\frac{1}{2}$ | 6 $\frac{7}{8}$ | 2 | 4 $\frac{3}{8}$ | H |
| 39 | 2 $\frac{5}{16}$ | 52 | 1 $\frac{1}{2}$ | 5 $\frac{1}{2}$ | 3 | 2 $\frac{1}{2}$ | 6 |
| 40 | 2 $\frac{5}{16}$ | 21 | 1 $\frac{1}{2}$ | 5 $\frac{1}{2}$ | 1 | 3 $\frac{3}{4}$ | — |
| 41 | 2 $\frac{9}{16}$ | 104 | 1 $\frac{7}{16}$ | 7 $\frac{1}{4}$ | 7 | 1 $\frac{1}{2}$ | — |
| 42 | | | | | 3 | | |
| 43 | 2 $\frac{1}{16}$ | 96 | 1 $\frac{1}{2}$ | 6 | 6 | 10 $\frac{1}{2}$ | — |
| 44 | 2 $\frac{1}{16}$ | 24 | 1 $\frac{1}{2}$ | 6 | 1 | 8 $\frac{9}{16}$ | H |
| 45 | 2 $\frac{3}{4}$ | 72 | 1 $\frac{9}{16}$ | 5 $\frac{1}{2}$ | 5 | 2 $\frac{3}{4}$ | — |
| 46 | 2 $\frac{3}{4}$ | 24 | 1 $\frac{9}{16}$ | 5 $\frac{1}{2}$ | 1 | 9 | H |
| 47 | 2 $\frac{1}{16}$ $\frac{5}{6}$ | 120 | 1 $\frac{7}{16}$ | 8 | 8 | 11 | — |
| 48 | 2 $\frac{1}{16}$ | 37 | 1 $\frac{7}{16}$ | 8 | 2 | 9 $\frac{1}{4}$ | 4 |
| 49 | 3 $\frac{1}{4}$ | 84 | 2 $\frac{1}{16}$ | 7 | 7 | 3 | — |
| 49 $\frac{1}{2}$ | 3 $\frac{1}{4}$ | 26 | 2 $\frac{1}{16}$ | 7 | 2 | 3 | H |
| 50 | 3 $\frac{1}{4}$ | 41 | 2 $\frac{1}{16}$ | 7 | 3 | 6 $\frac{1}{2}$ | 6 |
| 51 | $\frac{9}{16}$ | 22 | $\frac{5}{8}$ | 1 | — | 4 | H |
| 52 | 2 $\frac{1}{4}$ | 151 | 1 $\frac{1}{2}$ | 6 $\frac{1}{8}$ | 9 | 1 $\frac{1}{2}$ | 6 |
| 53 | 2 $\frac{1}{4}$ | 13 | 1 $\frac{7}{16}$ | 6 $\frac{5}{16}$ | — | 9 $\frac{5}{8}$ | H |
| 54 | 1 $\frac{1}{2}$ | 21 | 1 | 2 $\frac{1}{8}$ | — | 10 | H |
| 55 | 1 $\frac{1}{2}$ | 62 | 1 | 3 $\frac{1}{2}$ | 2 | 6 | |

Koniska Kuggjul.

| Kuggarnes | | | | | Diameter i delningen. | | Armarnes antal. |
|----------------------|------------------|--------|------------------|-----------------|-----------------------|-------------------|-----------------|
| <i>N^o</i> | Delning. | Antal. | Höjd. | Bredd. | fot. tum. | | |
| 56 | $1 \frac{1}{8}$ | 75 | 1 | $3 \frac{1}{2}$ | 3 | — | 6 |
| 57 | $1 \frac{1}{16}$ | 15 | $1 \frac{1}{8}$ | $3 \frac{1}{2}$ | — | 8 | — |
| 58 | $1 \frac{1}{16}$ | 64 | $1 \frac{1}{8}$ | $3 \frac{1}{2}$ | 2 | 10 | 6 |
| 59 | $1 \frac{1}{4}$ | 74 | $\frac{7}{8}$ | $2 \frac{1}{2}$ | 2 | 6 | 6 |
| 60 | | | | | | | |
| 61 | 1 | 55 | Trä- | kuggar. | 1 | 6 | 5 |
| 62 | 1 | 55 | $\frac{3}{4}$ | $3 \frac{1}{2}$ | 1 | 6 | 5 |
| 63 | $1 \frac{1}{2}$ | 60 | Trä- | kuggar. | 2 | $4 \frac{3}{4}$ | 6 |
| 64 | | | | | 2 | — | — |
| 65 | $1 \frac{3}{4}$ | 33 | Trä- | kuggar. | 1 | $6 \frac{1}{2}$ | 4 |
| 66 | $1 \frac{3}{4}$ | 33 | $\frac{5}{16}$ | $3 \frac{1}{4}$ | 1 | $6 \frac{1}{2}$ | — |
| 67 | $1 \frac{1}{16}$ | 45 | Trä- | kuggar. | 2 | $1 \frac{3}{4}$ | 5 |
| 68 | $1 \frac{1}{16}$ | 25 | 1 | $3 \frac{1}{2}$ | 1 | $2 \frac{3}{8}$ | 4 |
| 69 | $1 \frac{7}{8}$ | 40 | Trä- | kuggar. | 1 | $11 \frac{3}{4}$ | 4 |
| 70 | $1 \frac{7}{8}$ | 36 | $1 \frac{5}{16}$ | 3 | 1 | $9 \frac{3}{8}$ | 4 |
| 71 | $1 \frac{1}{16}$ | 40 | Trä- | kuggar. | 2 | $\frac{3}{4}$ | 4 |
| 72 | | | | | | $8 \frac{3}{8}$ | — |
| 73 | $2 \frac{1}{16}$ | 37 | Trä- | kuggar. | 2 | — | 4 |
| 74 | $2 \frac{1}{16}$ | 37 | $1 \frac{1}{4}$ | $3 \frac{1}{2}$ | 2 | — | 4 |
| 75 | 2 | 84 | Trä- | kuggar. | 4 | 6 | 6 |
| 76 | 2 | 21 | $1 \frac{1}{2}$ | $4 \frac{1}{2}$ | 1 | $1 \frac{1}{2}$ | 4 |
| 77 | $2 \frac{1}{16}$ | 54 | Trä- | kuggar. | 2 | $11 \frac{3}{4}$ | 6 |
| 78 | 2 | 26 | $1 \frac{1}{8}$ | $3 \frac{7}{8}$ | 1 | $4 \frac{1}{16}$ | 4 |
| 79 | $2 \frac{1}{16}$ | 96 | Trä- | kuggar. | 5 | $2 \frac{1}{16}$ | 6 |
| 80 | $2 \frac{1}{16}$ | 19 | $1 \frac{7}{16}$ | $5 \frac{1}{2}$ | 1 | $\frac{3}{8}$ | 4 |
| 81 | $2 \frac{1}{16}$ | 127 | Trä- | kuggar. | 6 | 11 | — |
| 82 | $2 \frac{1}{16}$ | 18 | $1 \frac{1}{2}$ | $5 \frac{7}{8}$ | — | $11 \frac{1}{16}$ | H |
| 83 | $2 \frac{5}{8}$ | 112 | Trä- | kuggar. | 7 | — | 8 |

Koniska Kugghjul.

| № | Kuggarnes | | | Bredd. | Diameter i delningen. | | Armanes antal. |
|-----------------|-----------------|--------|-----------------|-----------------|-----------------------|------------------|----------------|
| | Delning. | Antal. | Höjd. | | tot. | tum. | |
| 84 | $2\frac{5}{8}$ | 17 | $1\frac{3}{8}$ | $5\frac{1}{8}$ | 1 | $7\frac{7}{8}$ | 4 |
| 85 | | | | | | | |
| 86 | $2\frac{7}{16}$ | 41 | $1\frac{3}{4}$ | $6\frac{1}{8}$ | 2 | 8 | — |
| 87 | | | | | | | |
| $87\frac{1}{2}$ | $2\frac{1}{2}$ | 18 | $1\frac{5}{8}$ | $5\frac{7}{8}$ | 1 | 2,4 | — |
| 88 | | | | | | | |
| 89 | $2\frac{1}{2}$ | 106 | Trä- | kuggar. | 7 | $1\frac{1}{4}$ | — |
| 90 | $2\frac{1}{3}$ | 15 | $1\frac{5}{8}$ | $5\frac{1}{16}$ | 1 | — | H |
| 91 | 3 | 101 | Trä- | kuggar. | 8 | — | — |
| 92 | 3 | 31 | $1\frac{1}{16}$ | 8 | 2 | $5\frac{3}{4}$ | H |
| 93 | $3\frac{1}{16}$ | 74 | Trä- | kuggar. | 6 | 1 | — |
| 94 | 3 | 11 | 2 | 4 | — | $10\frac{1}{16}$ | H |
| 95 | $2\frac{1}{2}$ | 36 | $1\frac{9}{16}$ | $5\frac{7}{8}$ | 2 | $4\frac{1}{16}$ | H |
| | | | Koni- | ska | | | |
| | | | Kugg | lötar. | | | |
| 96 | $1\frac{3}{8}$ | 30 | $1\frac{5}{16}$ | $4\frac{1}{2}$ | 25 | — | 16 |
| 97 | $1\frac{3}{8}$ | 24 | $1\frac{5}{16}$ | $4\frac{1}{4}$ | 1 | 3 | — |
| 98 | $1\frac{9}{16}$ | 29 | $1\frac{5}{16}$ | $4\frac{5}{8}$ | 23 | 6 | 16 |
| 99 | $1\frac{9}{16}$ | 30 | $1\frac{5}{16}$ | $4\frac{5}{8}$ | 1 | $6\frac{5}{16}$ | — |
| 100 | | | | | | | |
| 101 | $1\frac{1}{2}$ | 33 | 1 | $3\frac{5}{8}$ | 7 | $10\frac{1}{2}$ | 6 |
| 102 | $1\frac{9}{16}$ | 36 | 1 | $3\frac{7}{8}$ | 11 | $10\frac{1}{2}$ | 8 |
| 103 | $1\frac{9}{16}$ | 28 | 1 | 4 | 1 | $11\frac{3}{16}$ | — |
| 104 | $2\frac{5}{16}$ | 20 | $1\frac{3}{8}$ | $3\frac{7}{8}$ | 14 | $7\frac{1}{2}$ | 12 |
| 105 | $2\frac{5}{16}$ | 18 | $1\frac{3}{8}$ | $4\frac{1}{8}$ | 1 | $1\frac{1}{8}$ | — |
| 106 | $2\frac{3}{8}$ | 26 | $1\frac{7}{16}$ | $3\frac{3}{4}$ | 6 | $5\frac{3}{4}$ | 4 |
| 107 | | | | | 1 | $2\frac{3}{4}$ | — |
| 108 | $2\frac{5}{8}$ | 16 | $1\frac{1}{2}$ | 4 | 6 | $7\frac{3}{4}$ | 6 |

Antal lötar till ett hjul.

Kugglötar till Koniska Kugghjul.

| Kuggarnes | | | | | Diametern i delningen. | | Antal lötar till ett hjul. | Kugghålets bredd. |
|----------------|------------------|-------|------------------|-----------------|------------------------|------------------|----------------------------|-------------------|
| N ^o | Delning. | Antal | Höjd. | Bredd. | tot. | tum. | | |
| 109 | | | | | 1 | 1 $\frac{1}{4}$ | | |
| 110 | 2 $\frac{5}{8}$ | 16 | 1 $\frac{3}{8}$ | 5 | 6 | 8 $\frac{3}{4}$ | 6 | |
| 111 | | | | | 1 | 6 | | |
| 112 | 2 $\frac{5}{8}$ | 13 | 1 $\frac{5}{16}$ | 6 | 7 | 3 $\frac{1}{4}$ | 8 | |
| 113 | 2 $\frac{5}{8}$ | 39 | 1 $\frac{3}{8}$ | 6 | 2 | 8 $\frac{7}{8}$ | | |
| 114 | 2 $\frac{1}{16}$ | 16 | 1 $\frac{1}{2}$ | 6 | 6 | 9 $\frac{5}{8}$ | 6 | |
| 115 | | | | | 1 | 2 $\frac{3}{4}$ | | |
| 116 | 2 $\frac{3}{4}$ | 17 | 1 $\frac{1}{16}$ | 4 $\frac{1}{4}$ | 7 | 6 $\frac{1}{4}$ | 6 | |
| 117 | 2 $\frac{3}{4}$ | 16 | 1 $\frac{5}{8}$ | 4 $\frac{1}{4}$ | 1 | 2 $\frac{3}{16}$ | | |
| 118 | 2 $\frac{3}{4}$ | 18 | 1 $\frac{7}{8}$ | 4 $\frac{7}{8}$ | 15 | 11 | 12 | |
| 119 | | | | | 1 | 5 | | |
| 120 | 2 $\frac{5}{16}$ | 24 | Trä- | kuggar. | 5 | 11 | 4 | 2 $\frac{3}{4}$ |
| 121 | | | | | — | 10 | | |
| 122 | 2 $\frac{3}{8}$ | 24 | Trä- | kuggar. | 6 | — | 4 | 3 $\frac{1}{16}$ |
| 123 | | | | | — | 9 $\frac{1}{4}$ | | |
| 124 | 2 $\frac{3}{8}$ | 16 | Trä- | kuggar. | 6 | 1 | 6 | 2 $\frac{7}{8}$ |
| 125 | | | | | — | 10 $\frac{3}{4}$ | | |
| 126 | 2 $\frac{1}{2}$ | 26 | Trä- | kuggar. | 13 | 10 | 8 | 2 $\frac{7}{8}$ |
| 127 | | | | | 1 | 10 $\frac{1}{2}$ | | |
| 128 | 2 $\frac{1}{2}$ | 23 | Trä- | kuggar. | 18 | 3 | 12 | 3 |
| 129 | | | | | — | 8 $\frac{5}{8}$ | | |
| 130 | 2 $\frac{2}{16}$ | 19 | Trä- | kuggar. | 10 | 3 | 8 | 3 |
| 131 | | | | | 1 | 3 $\frac{3}{8}$ | | |
| 132 | 2 $\frac{2}{16}$ | 18 | Trä- | kuggar. | 9 | 10 | 8 | 4 |
| 133 | 2 $\frac{2}{16}$ | 15 | 1 $\frac{1}{16}$ | 6 | 1 | $\frac{5}{16}$ | | |
| 134 | 2 $\frac{2}{16}$ | 24 | Trä- | kuggar. | 6 | 7 | 4 | 2 $\frac{7}{16}$ |
| 135 | | | | | — | 9 | | |
| 136 | 2 $\frac{5}{8}$ | 13 | Trä- | kuggar. | 7 | 2 | 8 | 2 $\frac{1}{8}$ |

Koniska Kuggtrillor.

| Kuggarnes | | | | | Diameter i delningen. | | Armanes antal. |
|-----------|------------------|--------|------------------|-------------------|-----------------------|-------------------|----------------|
| № | Delning | Antal. | Höjd. | Bredd. | Diameter i delningen. | | |
| | | | | | tot. | tum. | |
| 162 | 1 $\frac{7}{8}$ | 33 | 1 $\frac{1}{8}$ | 2 $\frac{15}{16}$ | 1 | 7 $\frac{9}{16}$ | 4 |
| 163 | | | | | 1 | 10 $\frac{7}{8}$ | — |
| 164 | 2 | 24 | 1 $\frac{1}{8}$ | 2 $\frac{15}{16}$ | 1 | 3 $\frac{1}{16}$ | 4 |
| 165 | | | | | 2 | 7 $\frac{3}{4}$ | — |
| 166 | 2 | 13 | 1 | 3 $\frac{3}{8}$ | — | 8 $\frac{3}{8}$ | H |
| 167 | | | | | 7 | 7 | — |
| 168 | 2 | 20 | 1 $\frac{1}{2}$ | 3 $\frac{3}{4}$ | 1 | $\frac{3}{4}$ | 4 |
| 169 | | | | | 5 | 6 $\frac{1}{2}$ | — |
| 170 | 2 | 23 | 1 $\frac{7}{16}$ | 3 $\frac{5}{16}$ | 1 | 2 $\frac{1}{16}$ | 4 |
| 171 | | | | | 6 | — | — |
| 172 | 2 $\frac{1}{16}$ | 47 | 1 $\frac{9}{16}$ | 6 | 2 | 6 $\frac{3}{4}$ | 4 |
| 173 | | | | | 3 | 7 | — |
| 174 | 2 $\frac{1}{16}$ | 19 | 1 $\frac{7}{16}$ | 5 $\frac{3}{4}$ | 1 | $\frac{9}{16}$ | 4 |
| 175 | | | | | 6 | 2 $\frac{1}{2}$ | — |
| 176 | 2 $\frac{1}{16}$ | 21 | 1 $\frac{1}{2}$ | 5 $\frac{1}{16}$ | 1 | 1 $\frac{7}{8}$ | — |
| 177 | | | | | 6 | 5 $\frac{1}{2}$ | — |
| 178 | 2 $\frac{1}{8}$ | 20 | 1 $\frac{1}{2}$ | 5 | 1 | 1 $\frac{5}{8}$ | — |
| 179 | | | | | 6 | — | — |
| 180 | 2 $\frac{3}{16}$ | 13 | 1 $\frac{5}{16}$ | 4 $\frac{1}{16}$ | — | 9 $\frac{1}{8}$ | H |
| 181 | | | | | 6 | 3 | — |
| 182 | 2 $\frac{1}{4}$ | 15 | 1 $\frac{1}{4}$ | 4 $\frac{3}{16}$ | — | 10 $\frac{1}{16}$ | H |
| 183 | | | | | 14 | 8 | — |
| 184 | 2 $\frac{1}{4}$ | 42 | 1 $\frac{3}{16}$ | 4 $\frac{1}{2}$ | 2 | 6 | 6 |
| 185 | | | | | 21 | — | — |
| 186 | 2 $\frac{1}{4}$ | 24 | 1 $\frac{1}{4}$ | 6 | 1 | 5 $\frac{1}{4}$ | 4 |
| 187 | | | | | 4 | 10 | — |
| 188 | 2 $\frac{5}{16}$ | 17 | 1 $\frac{9}{16}$ | 5 $\frac{1}{2}$ | 1 | $\frac{5}{8}$ | — |
| 189 | | | | | 6 | — | — |

Koniska Kuggtrillor.

| Kuggarnes | | | | | Diameter i delningen. | | Armarnes antal. |
|----------------|-----------------|--------|-----------------|-----------------|-----------------------|------------------|-----------------|
| N ^o | Delning. | Antal. | Höjd. | Bredd. | tot. | tum. | |
| 190 | $2\frac{5}{16}$ | 24 | $1\frac{5}{16}$ | $4\frac{1}{2}$ | 1 | $5\frac{3}{4}$ | H |
| 191 | | | | | 6 | — | — |
| 192 | $2\frac{3}{8}$ | 18 | $1\frac{1}{16}$ | $4\frac{7}{8}$ | 1 | $11\frac{1}{16}$ | H |
| 193 | | | | | 8 | 8 | — |
| 194 | $2\frac{7}{16}$ | 18 | $1\frac{5}{8}$ | 6 | 1 | $2\frac{1}{8}$ | 4 |
| 195 | | | | | 6 | $8\frac{1}{2}$ | — |
| 196 | $2\frac{1}{2}$ | 15 | $1\frac{1}{16}$ | 5 | — | $11\frac{7}{8}$ | H |
| 197 | | | | | 6 | 3 | — |
| 198 | $2\frac{1}{2}$ | 20 | $1\frac{1}{4}$ | $3\frac{1}{2}$ | 1 | $3\frac{1}{2}$ | 4 |
| 199 | | | | | 2 | 5 | — |
| 200 | $2\frac{1}{2}$ | 23 | $1\frac{1}{16}$ | $4\frac{7}{8}$ | 1 | $6\frac{1}{4}$ | H |
| 201 | | | | | 11 | 4 | — |
| 202 | $2\frac{1}{2}$ | 15 | $1\frac{1}{4}$ | $6\frac{1}{16}$ | 1 | — | H |
| 203 | | | | | 5 | 3 | — |
| 204 | $2\frac{1}{2}$ | 18 | $1\frac{2}{16}$ | $5\frac{1}{8}$ | 1 | $2\frac{3}{8}$ | 4 |
| 205 | | | | | 6 | 6 | — |
| 206 | $2\frac{1}{2}$ | 20 | $1\frac{1}{16}$ | $4\frac{5}{16}$ | 1 | 4 | — |
| 207 | | | | | 18 | — | — |
| 208 | $2\frac{1}{2}$ | 18 | $1\frac{5}{16}$ | 4 | 1 | $2\frac{2}{16}$ | 4 |
| 209 | | | | | 3 | 6 | — |
| 210 | $2\frac{9}{16}$ | 16 | $1\frac{3}{8}$ | $5\frac{3}{16}$ | 1 | $1\frac{1}{16}$ | 4 |
| 211 | | | | | 5 | 11 | — |
| 212 | $2\frac{2}{16}$ | 21 | $1\frac{1}{16}$ | 7 | 1 | $5\frac{1}{8}$ | 4 |
| 213 | | | | | 5 | 9 | — |
| 214 | $2\frac{9}{16}$ | 15 | $1\frac{1}{2}$ | $6\frac{1}{8}$ | 1 | $7\frac{7}{16}$ | 3 |
| 215 | | | | | 9 | 11 | — |
| 216 | $2\frac{9}{16}$ | 43 | $1\frac{1}{4}$ | $8\frac{3}{8}$ | 2 | $11\frac{1}{2}$ | — |
| 217 | | | | | 9 | — | — |

Koniska Kuggtrillor.

| Kuggarnes | | | | | Diameter i delningen. | | Arnarnes antal. |
|-----------|-----------------|--------|-----------------|-----------------|-----------------------|------------------|-----------------|
| № | Delning. | Antal. | Höjd. | Bredd. | Diameter i delningen. | | |
| | | | | | tot. | tum. | |
| 218 | $2\frac{1}{16}$ | 31 | $1\frac{7}{8}$ | 6 | 2 | $2\frac{3}{4}$ | — |
| 219 | | | | | 6 | 4 | — |
| 220 | $2\frac{3}{4}$ | 16 | $1\frac{5}{16}$ | 7 | 1 | 2 | 4 |
| 221 | | | | | 7 | — | — |
| 222 | $2\frac{3}{4}$ | 17 | $1\frac{2}{16}$ | $5\frac{5}{8}$ | 1 | 3 | 4 |
| 223 | | | | | 7 | — | — |
| 224 | $2\frac{3}{4}$ | 30 | $1\frac{5}{16}$ | $5\frac{3}{8}$ | 2 | $2\frac{1}{4}$ | — |
| 225 | | | | | 4 | 5 | — |
| 226 | $2\frac{3}{4}$ | 16 | $1\frac{5}{8}$ | $4\frac{3}{16}$ | 1 | $2\frac{1}{8}$ | 4 |
| 227 | | | | | 6 | 5 | — |
| 228 | $2\frac{3}{4}$ | 16 | $1\frac{7}{8}$ | 6 | 1 | $2\frac{1}{8}$ | H |
| 229 | | | | | 16 | — | — |
| 230 | $2\frac{1}{16}$ | 26 | $2\frac{1}{16}$ | 5 | 1 | $11\frac{5}{16}$ | — |
| 231 | | | | | 5 | 7 | — |
| 232 | $2\frac{7}{8}$ | 44 | $1\frac{3}{4}$ | $5\frac{1}{16}$ | 3 | 4 | 6 |
| 233 | | | | | 10 | — | — |
| 234 | $2\frac{5}{16}$ | 15 | 2 | 4 | 1 | $2\frac{1}{16}$ | H |
| 235 | | | | | 6 | 8 | — |
| 236 | $2\frac{1}{16}$ | 12 | $1\frac{5}{16}$ | 4 | — | $11\frac{3}{8}$ | H |
| 237 | | | | | 6 | 3 | — |
| 238 | 3 | 12 | $2\frac{5}{16}$ | $5\frac{7}{8}$ | — | $11\frac{1}{2}$ | H |
| 239 | | | | | 7 | 10 | — |
| 240 | 3 | 10 | $2\frac{1}{16}$ | $3\frac{1}{16}$ | — | $9\frac{3}{4}$ | H |
| 241 | | | | | 15 | 6 | — |
| 242 | $3\frac{5}{16}$ | 22 | $2\frac{1}{16}$ | $4\frac{7}{8}$ | 1 | $10\frac{1}{2}$ | — |
| 243 | | | | | 11 | 9 | — |
| 244 | $3\frac{3}{16}$ | 39 | $1\frac{1}{16}$ | $7\frac{5}{16}$ | 3 | $3\frac{3}{4}$ | — |
| 245 | | | | | 7 | 9 | — |

Koniska Kuggtrillor.

| Kuggarnes | | | | | Diameter i delningen. | | Annarnes antal. |
|----------------|-----------------|--------|-----------------|----------------|-----------------------|-----------------|-----------------|
| N ^o | Delning. | Antal. | Höjd. | Bredd. | tot. | tum. | |
| 246 | $3\frac{7}{16}$ | 12 | $2\frac{1}{4}$ | 6 | 1 | $1\frac{3}{8}$ | — |
| 247 | | | | | 11 | 2 | — |
| 248 | $3\frac{1}{8}$ | 23 | $1\frac{5}{16}$ | $5\frac{1}{2}$ | 2 | $1\frac{7}{8}$ | — |
| 249 | | | | | 9 | 5 | — |
| 250 | $3\frac{5}{8}$ | 8 | $1\frac{7}{8}$ | $6\frac{7}{8}$ | — | $9\frac{5}{8}$ | H |
| 251 | | | | | 5 | 8 | — |
| 252 | $3\frac{5}{8}$ | 12 | 2 | 6 | 1 | $2\frac{1}{8}$ | 4 |
| 253 | | | | | 10 | — | — |
| 254 | 4 | 10 | $1\frac{5}{16}$ | $6\frac{1}{2}$ | 1 | 1 | 4 |
| 255 | | | | | 6 | 8 | — |
| 256 | $4\frac{1}{8}$ | 22 | $2\frac{1}{2}$ | $5\frac{3}{4}$ | 2 | $5\frac{1}{16}$ | — |
| 257 | | | | | 7 | $11\frac{1}{4}$ | — |
| 258 | | | | | | | |
| 259 | | | | | | | |
| 260 | | | | | | | |
| 261 | | | | | | | |
| 262 | | | | | | | |
| 263 | | | | | | | |
| 264 | | | | | | | |
| 265 | | | | | | | |
| 266 | | | | | | | |
| 267 | | | | | | | |
| 268 | | | | | | | |
| 269 | | | | | | | |
| | Koni- | ska | Kugg | hjul. | | | |
| 270 | $\frac{3}{4}$ | 47 | $\frac{7}{16}$ | $1\frac{1}{2}$ | — | $11\frac{1}{8}$ | H |
| 271 | $\frac{3}{4}$ | 16 | $\frac{7}{16}$ | $1\frac{1}{2}$ | — | $3\frac{1}{16}$ | H |
| 272 | $2\frac{1}{8}$ | 88 | $1\frac{1}{2}$ | 5 | 5 | — | — |

Koniska Kuggjul.

| Kuggarnes | | | | | Diameter i delningen. | | Annarnes antal. |
|----------------|-----------------|-------|-----------------|-----------------|-----------------------|-------------------|-----------------|
| N ^o | Delning. | Antal | Höjd. | Bredd. | tot. | tum. | |
| 273 | 2 $\frac{1}{8}$ | 44 | 1 $\frac{1}{2}$ | 5 | 2 | 6 | 4 |
| 274 | 1 $\frac{5}{6}$ | 60 | 1 $\frac{1}{6}$ | 2 | 1 | 6 | 6 |
| 275 | 1 $\frac{5}{6}$ | 20 | 1 $\frac{1}{6}$ | 2 | — | 6 | H |
| 276 | 2 | 66 | Trä- | kuggar. | 3 | 6, ⁰⁸² | 6 |
| 277 | 2 | 27 | 1 $\frac{7}{8}$ | 4 $\frac{1}{4}$ | 1 | 5, ²²⁸ | 4 |
| 278 | 3 $\frac{3}{4}$ | 19 | | | | | |
| 279 | 3 $\frac{3}{4}$ | 19 | | | | | |
| 280 | 1 $\frac{1}{2}$ | 40 | 3 $\frac{3}{8}$ | 1 | — | 6 $\frac{3}{8}$ | H |
| 281 | 1 $\frac{1}{2}$ | 15 | 3 $\frac{3}{8}$ | 1 | — | 2 $\frac{7}{6}$ | H |
| 282 | 3 $\frac{3}{2}$ | 26 | 7 $\frac{3}{2}$ | 1 $\frac{3}{6}$ | — | 2 $\frac{3}{8}$ | H |
| 283 | 1 | 94 | 3 $\frac{3}{4}$ | 2 $\frac{1}{4}$ | 2 | 5, ⁹³⁶ | 6 |
| 284 | 3 $\frac{3}{2}$ | 28 | 5 $\frac{5}{8}$ | 1 $\frac{1}{2}$ | — | 8 | — |
| 285 | 3 $\frac{3}{2}$ | 19 | 5 $\frac{5}{8}$ | 1 $\frac{1}{2}$ | — | 5 $\frac{3}{7}$ | — |
| 286 | 2 | 60 | Trä- | kuggar. | 3 | 2, ²¹² | 5 |
| 287 | 2 | 41 | 1 $\frac{7}{6}$ | 4 $\frac{1}{2}$ | 2 | 2, ¹²⁸ | 4 |
| 288 | 1 $\frac{5}{8}$ | 46 | Trä- | kuggar. | 1 | 11, ⁸¹ | 5 |
| 289 | 1 $\frac{5}{8}$ | 25 | 1 $\frac{1}{8}$ | 3 $\frac{1}{4}$ | 1 | 0, ⁹⁷ | 4 |
| 290 | 2 $\frac{1}{6}$ | 19 | 1 $\frac{7}{6}$ | 7 | 1 | 0, ⁵³ | H |
| 291 | 5 $\frac{5}{8}$ | 30 | 1 $\frac{1}{2}$ | 1 $\frac{1}{4}$ | — | 6 | H |
| 292 | 2 $\frac{7}{6}$ | 91 | 1 $\frac{3}{4}$ | 6 $\frac{1}{8}$ | 6 | 5 $\frac{5}{6}$ | 6 |
| 293 | 2 $\frac{7}{6}$ | 40 | 1 $\frac{3}{4}$ | 6 $\frac{1}{8}$ | 2 | 7 $\frac{3}{4}$ | — |
| 294 | 3 $\frac{3}{4}$ | 19 | 7 $\frac{7}{6}$ | 1 $\frac{5}{6}$ | — | 4 $\frac{11}{16}$ | H |
| 295 | 5 $\frac{5}{4}$ | 19 | 7 $\frac{7}{6}$ | 1 $\frac{5}{6}$ | — | 4 $\frac{11}{16}$ | H |
| 296 | | | | | | | |
| 297 | | | | | | | |
| 298 | | | | | | | |
| 299 | | | | | | | |
| 300 | | | | | | | |

Kuggarn

Antal.

Diameter

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

21

25

Koniska Kugghjul.

| Kuggames | | | | Diameter i delningen. | Amnarnes antal. |
|----------|-----------------|--------|------------------|--------------------------|-----------------|
| <i>N</i> | Delning | Antal. | Höjd. | | |
| 301 | | | | | |
| 302 | | | | | |
| 303 | | | | | |
| 304 | | | | | |
| 305 | | | | | |
| 306 | | | | | |
| 307 | | | | | |
| 308 | | | | | |
| 309 | | | | | |
| 310 | | | | | |
| 311 | | | | | |
| 312 | | | | | |
| 313 | | | | | |
| 314 | | | | | |
| 315 | | | | | |
| 316 | | | | | |
| 317 | | | | | |
| 318 | | | | | |
| 319 | | | | | |
| 320 | | | | | |
| 321 | 1 $\frac{3}{4}$ | 21 | 1 $\frac{3}{16}$ | 3 $\frac{1}{4}$ | 7 9,58 |
| 322 | 1 $\frac{3}{4}$ | 25 | 1 $\frac{3}{16}$ | 3 $\frac{1}{4}$ | 1 1,93 |
| 323 | | | | | |
| 324 | | | | | |
| 325 | | | | | |
| 326 | | | | | |
| 327 | | | | | |
| 328 | | | | | |

Skrufhjul,

| Kuggarnes | | | | | Diameter i delningen. | | Armarnes antal. |
|------------------|----------------|--------|-----------------|-----------------|-----------------------|-----------------|-----------------|
| N ^o . | Delning. | Antal. | Höjd. | Bredd. | tot. | tum. | |
| 1 | $\frac{1}{10}$ | 35 | $\frac{1}{4}$ | 1 | — | $5\frac{5}{16}$ | H |
| 2 | $\frac{3}{4}$ | 84 | $\frac{3}{8}$ | $2\frac{1}{8}$ | 1 | $8\frac{3}{4}$ | 6 |
| 3 | $\frac{1}{10}$ | 40 | $\frac{9}{16}$ | $2\frac{1}{16}$ | 1 | — | H |
| 4 | $1\frac{5}{8}$ | 30 | $1\frac{5}{8}$ | $3\frac{1}{2}$ | 1 | $3\frac{1}{2}$ | H |
| 5 | $\frac{7}{8}$ | 16 | $\frac{1}{2}$ | 2 | — | $4\frac{7}{8}$ | H |
| 6 | $\frac{9}{16}$ | 23 | $1\frac{5}{16}$ | $1\frac{1}{4}$ | — | $4\frac{1}{16}$ | H |
| 7 | | | | | | | |
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| 27 | | | | | | | |
| 28 | | | | | | | |

Skrytlik

| W. | Dagpart | Aantal | Rij | Rij | gouwen | | Zaai |
|----|---------|--------|-----|-----|--------|------|------|
| | | | | | 100 | 1000 | |
| 1 | 1 | 80 | 1 | 1 | — | — | H |
| 2 | 2 | 84 | 2 | 2 | 1 | 1 | H |
| 3 | 3 | 10 | 3 | 3 | — | — | H |
| 4 | 4 | 30 | 4 | 4 | — | — | H |
| 5 | 5 | 10 | 5 | 5 | — | — | H |
| 6 | 6 | 10 | 6 | 6 | — | — | H |
| 7 | 7 | | | | | | |
| 8 | 8 | | | | | | |
| 9 | 9 | | | | | | |
| 10 | 10 | | | | | | |
| 11 | 11 | | | | | | |
| 12 | 12 | | | | | | |
| 13 | 13 | | | | | | |
| 14 | 14 | | | | | | |
| 15 | 15 | | | | | | |
| 16 | 16 | | | | | | |
| 17 | 17 | | | | | | |
| 18 | 18 | | | | | | |
| 19 | 19 | | | | | | |
| 20 | 20 | | | | | | |
| 21 | 21 | | | | | | |
| 22 | 22 | | | | | | |
| 23 | 23 | | | | | | |
| 24 | 24 | | | | | | |
| 25 | 25 | | | | | | |
| 26 | 26 | | | | | | |
| 27 | 27 | | | | | | |
| 28 | 28 | | | | | | |

Amarras aetal
H
6
H
H
H
H

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 utfödning med Babbittsmetall.
 - U. Underlager för nålar till vattenhjul.
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