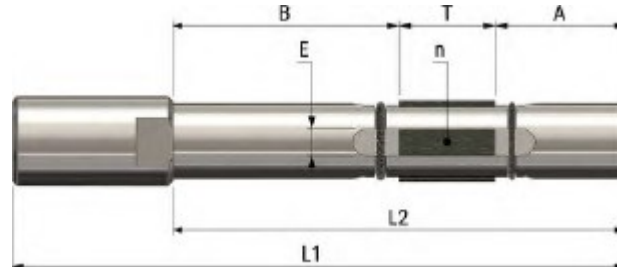


TYPE 2100

HONAHLEN MIT BRONZEBINDUNG, NORMALE AUSFÜHRUNG

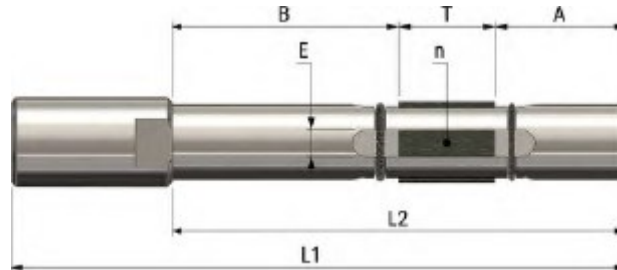


| Ø | L1 | L2 | E | T | n | B | A | X | Lmax | Körnung |
|-------|-----|-----|---|----|---|----|----|-----|------|---------|
| 15.00 | 135 | 100 | 2 | 21 | 4 | 49 | 30 | 0.6 | 59 | 7-250 |
| 16.00 | 135 | 100 | 2 | 21 | 4 | 49 | 30 | 0.6 | 59 | 7-250 |
| 17.00 | 135 | 100 | 2 | 21 | 4 | 49 | 30 | 0.6 | 59 | 7-250 |
| 18.00 | 135 | 100 | 3 | 21 | 4 | 49 | 30 | 0.6 | 59 | 7-250 |
| 19.00 | 135 | 100 | 3 | 21 | 4 | 49 | 30 | 0.6 | 59 | 7-250 |
| 20.00 | 135 | 100 | 3 | 21 | 4 | 49 | 30 | 0.6 | 59 | 7-250 |
| 21.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 7-250 |
| 22.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 7-250 |
| 23.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 7-250 |
| 24.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 7-250 |
| 25.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 7-250 |
| 26.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 27.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 28.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 29.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 30.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 31.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 32.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 33.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 34.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 35.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 7-250 |
| 36.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 37.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 38.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 39.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 40.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 41.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 42.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |

X = Ausdehnung / Expansion

TYPE 2100

HONAHLEN MIT BRONZEBINDUNG, NORMALE AUSFÜHRUNG

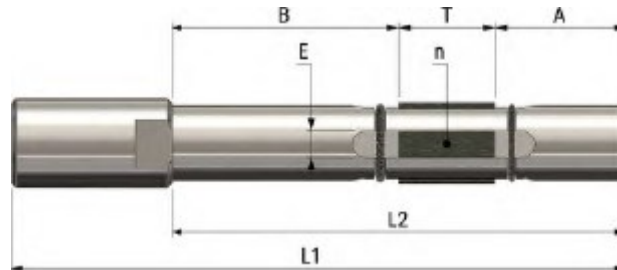


| Ø | L1 | L2 | E | T | n | B | A | X | Lmax | Körnung |
|-------|-----|-----|---|----|---|----|----|---|------|---------|
| 43.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 44.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 45.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 46.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 47.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 48.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 49.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 50.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 7-250 |
| 51.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 52.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 53.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 54.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 55.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 56.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 57.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 58.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 59.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 60.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 61.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 62.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 63.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 64.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 65.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 66.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 67.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 68.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 69.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |
| 70.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 7-250 |

X = Ausdehnung / Expansion

TYPE 2104

HONAHLEN MIT GALVANISCHE BINDUNG, NORMALE AUSFÜHRUNG



| Ø | L1 | L2 | E | T | n | B | A | X | Lmax | Körnung |
|-------|-----|-----|---|----|---|----|----|-----|------|----------|
| 15.00 | 135 | 100 | 2 | 21 | 4 | 49 | 30 | 0.6 | 59 | 15 - 150 |
| 16.00 | 135 | 100 | 2 | 21 | 4 | 49 | 30 | 0.6 | 59 | 15 - 150 |
| 17.00 | 135 | 100 | 2 | 21 | 4 | 49 | 30 | 0.6 | 59 | 15 - 150 |
| 18.00 | 135 | 100 | 3 | 21 | 4 | 49 | 30 | 0.6 | 59 | 15 - 150 |
| 19.00 | 135 | 100 | 3 | 21 | 4 | 49 | 30 | 0.6 | 59 | 15 - 150 |
| 20.00 | 135 | 100 | 3 | 21 | 4 | 49 | 30 | 0.6 | 59 | 15 - 150 |
| 21.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 15 - 150 |
| 22.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 15 - 150 |
| 23.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 15 - 150 |
| 24.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 15 - 150 |
| 25.00 | 175 | 115 | 4 | 21 | 4 | 54 | 40 | 1 | 64 | 15 - 150 |
| 26.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 27.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 28.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 29.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 30.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 31.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 32.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 33.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 34.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 35.00 | 160 | 120 | 5 | 21 | 4 | 58 | 41 | 1 | 68 | 15 - 150 |
| 36.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 37.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 38.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 39.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 40.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 41.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 42.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |

TYPE 2104

HONAHLEN MIT GALVANISCHEBINDUNG, NORMALE AUSFÜHRUNG



| Ø | L1 | L2 | E | T | n | B | A | X | Lmax | Körnung |
|-------|-----|-----|---|----|---|----|----|---|------|----------|
| 43.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 44.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 45.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 46.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 47.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 48.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 49.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 50.00 | 165 | 125 | 6 | 21 | 4 | 62 | 42 | 1 | 72 | 15 - 150 |
| 51.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 52.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 53.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 54.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 55.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 56.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 57.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 58.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 59.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 60.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 61.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 62.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 63.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 64.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 65.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 66.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 67.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 68.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 69.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |
| 70.00 | 165 | 125 | 5 | 21 | 6 | 62 | 42 | 1 | 72 | 15 - 150 |

TYPE 2200

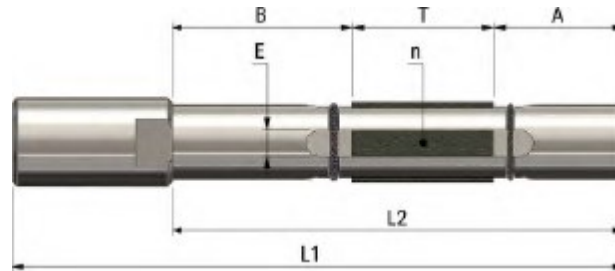
HONAHLEN MIT BRONZEBINDUNG, LANGER AUSFÜHRUNG



| Ø | L1 | L2 | E | T | n | B | A | X | Lmax | Körnung |
|-------|-----|-----|---|----|---|----|----|-----|------|---------|
| 15.00 | 160 | 125 | 2 | 31 | 4 | 64 | 30 | 0.3 | 79 | 7 - 250 |
| 16.00 | 160 | 125 | 2 | 31 | 4 | 64 | 30 | 0.3 | 79 | 7 - 250 |
| 17.00 | 160 | 125 | 2 | 31 | 4 | 64 | 30 | 0.3 | 79 | 7 - 250 |
| 18.00 | 160 | 125 | 3 | 42 | 4 | 53 | 30 | 0.3 | 74 | 7 - 250 |
| 19.00 | 160 | 125 | 3 | 42 | 4 | 53 | 30 | 0.3 | 74 | 7 - 250 |
| 20.00 | 160 | 125 | 3 | 42 | 4 | 53 | 30 | 0.3 | 74 | 7 - 250 |
| 21.00 | 210 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 7 - 250 |
| 22.00 | 210 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 7 - 250 |
| 23.00 | 190 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 7 - 250 |
| 24.00 | 190 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 7 - 250 |
| 25.00 | 190 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 7 - 250 |
| 26.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 27.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 28.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 29.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 30.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 31.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 32.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 33.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 34.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 35.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 7 - 250 |
| 36.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 37.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 38.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 39.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 40.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 41.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 42.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |

TYPE 2200

HONAHLEN MIT BRONZEBINDUNG, LANGER AUSFÜHRUNG



| Ø | L1 | L2 | E | T | n | B | A | X | Lmax | Körnung |
|-------|-----|-----|---|----|---|----|----|---|------|---------|
| 43.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 44.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 45.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 46.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 47.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 48.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 49.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 50.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 7 - 250 |
| 51.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 52.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 53.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 54.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 55.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 56.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 57.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 58.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 59.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 60.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 61.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 62.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 63.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 64.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 65.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 66.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 67.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 68.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 69.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |
| 70.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 7 - 250 |

TYPE 2204

HONAHLEN MIT GALVANISCHEBINDUNG, LANGER AUSFÜHRUNG

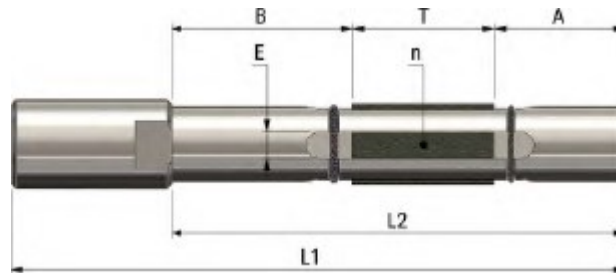


| Ø | L1 | L2 | E | T | n | B | A | X | Lmax | Körnung |
|-------|-----|-----|---|----|---|----|----|-----|------|----------|
| 15.00 | 160 | 125 | 2 | 31 | 4 | 64 | 30 | 0.3 | 79 | 15 - 250 |
| 16.00 | 160 | 125 | 2 | 31 | 4 | 64 | 30 | 0.3 | 79 | 15 - 250 |
| 17.00 | 160 | 125 | 2 | 31 | 4 | 64 | 30 | 0.3 | 79 | 15 - 250 |
| 18.00 | 160 | 125 | 3 | 42 | 4 | 53 | 30 | 0.3 | 74 | 15 - 250 |
| 19.00 | 160 | 125 | 3 | 42 | 4 | 53 | 30 | 0.3 | 74 | 15 - 250 |
| 20.00 | 160 | 125 | 3 | 42 | 4 | 53 | 30 | 0.3 | 74 | 15 - 250 |
| 21.00 | 210 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 15 - 250 |
| 22.00 | 210 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 15 - 250 |
| 23.00 | 190 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 15 - 250 |
| 24.00 | 190 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 15 - 250 |
| 25.00 | 190 | 150 | 4 | 42 | 4 | 68 | 40 | 0.5 | 89 | 15 - 250 |
| 26.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 27.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 28.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 29.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 30.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 31.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 32.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 33.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 34.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 35.00 | 200 | 160 | 5 | 42 | 4 | 77 | 41 | 1 | 98 | 15 - 250 |
| 36.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 37.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 38.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 39.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 40.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 41.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 42.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |

X = Ausdehnung / Expansion

TYPE 2204

HONAHLEN MIT GALVANISCHE BINDUNG, LANGER AUSFÜHRUNG



| Ø | L1 | L2 | E | T | n | B | A | X | Lmax | Körnung |
|-------|-----|-----|---|----|---|----|----|---|------|----------|
| 43.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 44.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 45.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 46.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 47.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 48.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 49.00 | 205 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 50.00 | 295 | 165 | 6 | 42 | 4 | 81 | 42 | 1 | 102 | 15 - 250 |
| 51.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 52.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 53.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 54.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 55.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 56.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 57.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 58.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 59.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 60.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 61.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 62.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 63.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 64.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 65.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 66.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 67.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 68.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 69.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |
| 70.00 | 205 | 175 | 5 | 42 | 6 | 91 | 42 | 1 | 112 | 15 - 250 |

X = Ausdehnung / Expansion

Richtwerttabelle

Honen mit Pemamohonwerkzeugen

| Wert | N7 | N6 | N5 | N4 | N3 | N2 | N1 |
|---------------------|-------|-------|-----------|------|------|------|-------|
| Ra | 1,6 | 0,8 | 0,4 | 0,2 | 0,1 | 0,05 | 0,015 |
| Rt | 11 | 6 | 3 | 1,6 | 0,9 | 0,5 | 0,15 |
| Rz | 6 | 3 | 2 | 1 | 0,5 | 0,25 | 0,1 |
| Hartmetall | D120M | D100M | D85M | D50M | D30M | D15M | D7M |
| | D70G | D50G | D30G | D15G | | | |
| Glas | D120M | D100M | D85M | D50M | D30M | D15M | D7M |
| | D70G | D50G | D30G | D15G | | | |
| Keramik | D120M | D100M | D85M | D50M | D30M | D15M | D7M |
| | D70G | D50G | D30G | D15G | | | |
| Stahl gehärtet | D120M | D100M | D85M | D50M | D30M | D15M | D7M |
| | D70G | D50G | D30G | D15G | | | |
| Stahl ungehärtet | D100M | D85M | D50M | D30M | D15M | D7M | |
| | D50G | D30G | D15G | | | | |
| Guss | D100M | D85M | D50M | D30M | D15M | D7M | |
| | D50G | D30G | D15G | | | | |
| Hartplastik | D100M | D85M | D50M | D30M | D15M | D7M | |
| | D50G | D30G | D15G | | | | |
| Bronze | D85M | D70M | D50M D40M | D30M | D15M | D7M | |
| | D30G | D15G | | | | | |
| Messing | D85M | D50M | D40M | D30M | D15M | D7M | |
| | D30G | D15G | | | | | |
| Alu | D85M | D50M | D40M | D30M | D15M | D7M | |
| | D30G | D15G | | | | | |



Richtwerttabelle

Honen mit Pemamohonwerkzeugen

| Honahlendurchmesser | Spindeldrehzahl |
|---------------------|------------------------|
| 0,6mm - 0,8mm | ca. 3000 - 2500 U/Min. |
| 0,9mm - 1,4mm | ca. 2500 U/Min. |
| 1,5mm - 3,0mm | ca. 2500 - 2000 U/Min. |
| 3,1mm - 4,0mm | ca. 1800 - 1500 U/Min. |
| 4,1mm - 5,0mm | ca. 1500 - 1200 U/Min. |
| 5,1mm - 6,0mm | ca. 1200 - 900 U/Min. |
| 6,1mm - 8,0mm | ca. 900 - 700 U/Min. |
| 9,0mm - 11,0mm | ca. 700 - 550 U/Min. |
| 12,0mm - 15,0mm | ca. 550 - 450 U/Min. |
| 16,0mm - 19,0mm | ca. 400 - 300 U/Min. |
| 20,0mm - 24,0mm | ca. 300 - 250 U/Min. |
| 25,0mm - 28,0mm | ca. 250 - 225 U/Min. |
| 29,0mm - 32,0mm | ca, 225 - 200 U/Min. |
| 33,0mm - 38,0mm | ca. 200 - 175 U/Min. |
| 39,0mm - 50,0mm | ca. 175 - 150 U/Min. |
| 51,0mm - 70,0mm | ca. 150 U/Min. |

Alle angegebenen Werte stehen in Abhängigkeit von Material und Kühlmittelzuführung