

Zusammenfassung der Prüfungsergebnisse

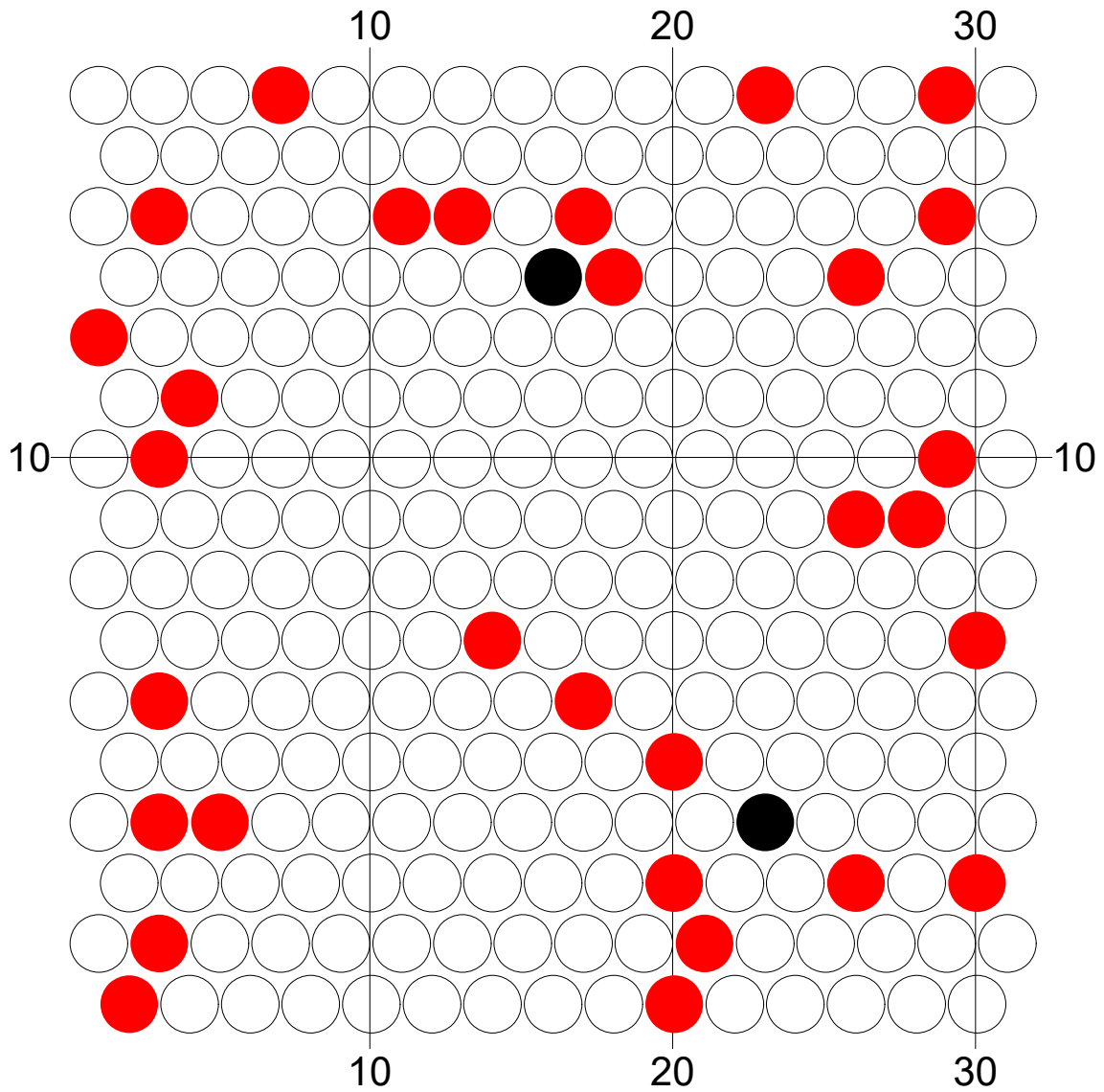
| | |
|---|--|
| Kunde: Reckmann + Jung Prüfort: PR-Nr: 19.6821.086 Prüfposition: A | Prüfdatum: 16.04.2019 Objekt: BXS_1300-3000 |
| Rohr-Art: Geradrohr Material: CuNi10Fe Länge: 3,00 m ø außen: 18,00 mm ø innen: 16,00 mm Wandstärke: 1,00 mm | Prüfer: Gerät: ECW-02 Sonden-Typ: N 15,50mm Referenzrohr: E-001 Referenzfehler: 50% I/A; DB 1,5 Frequenz: 80,00 kHz |

Bemerkung

| Schadenstiefe | Code | Anzahl innen | Code | Anzahl außen |
|-----------------------|---------------------------------------|---------------|--------------------------------------|--------------|
| 20% - 29% | 2 | 61 = 24,60% | 2 | 0 = 0,00% |
| 30% - 39% | 3 | 61 = 24,60% | 3 | 0 = 0,00% |
| 40% - 49% | 4 | 41 = 16,53% | 4 | 0 = 0,00% |
| 50% - 59% | 5 | 25 = 10,08% | 5 | 0 = 0,00% |
| 60% - 69% | 6 | 28 = 11,29% | 6 | 0 = 0,00% |
| 70% - 79% | 7 | 11 = 4,44% | 7 | 0 = 0,00% |
| 80% - 89% | 8 | 8 = 3,23% | 8 | 0 = 0,00% |
| 90% - 99% | 9 | 6 = 2,42% | 9 | 0 = 0,00% |
| Beule | B | 0 = 0,00% | | |
| <= Registriergrenze | X | 0 = 0,00% | | |
| kein Durchgang | D | 5 = 2,02% | | |
| Rohranzahl | | 248 = 100,00% | | |
| geprüfte Rohre | | 246 = 99,19% | | |
| Stopfen | S | 2 = 0,81% | | |
| zu verschließen | | 30 = 12,10% | | |
| danach Anzahl Stopfen | | 32 = 12,90% | | |
| danach noch verfügbar | | 216 = 87,10% | | |

erstellt am 16.04.2019

BXS_1300-3000

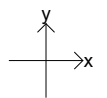


Verschleißplan

Kunde: Reckmann + Jung
 Objekt: BXS_1300-3000
 Bündel: BXS_1300-3000

Pr-Nr: 19.6821.086

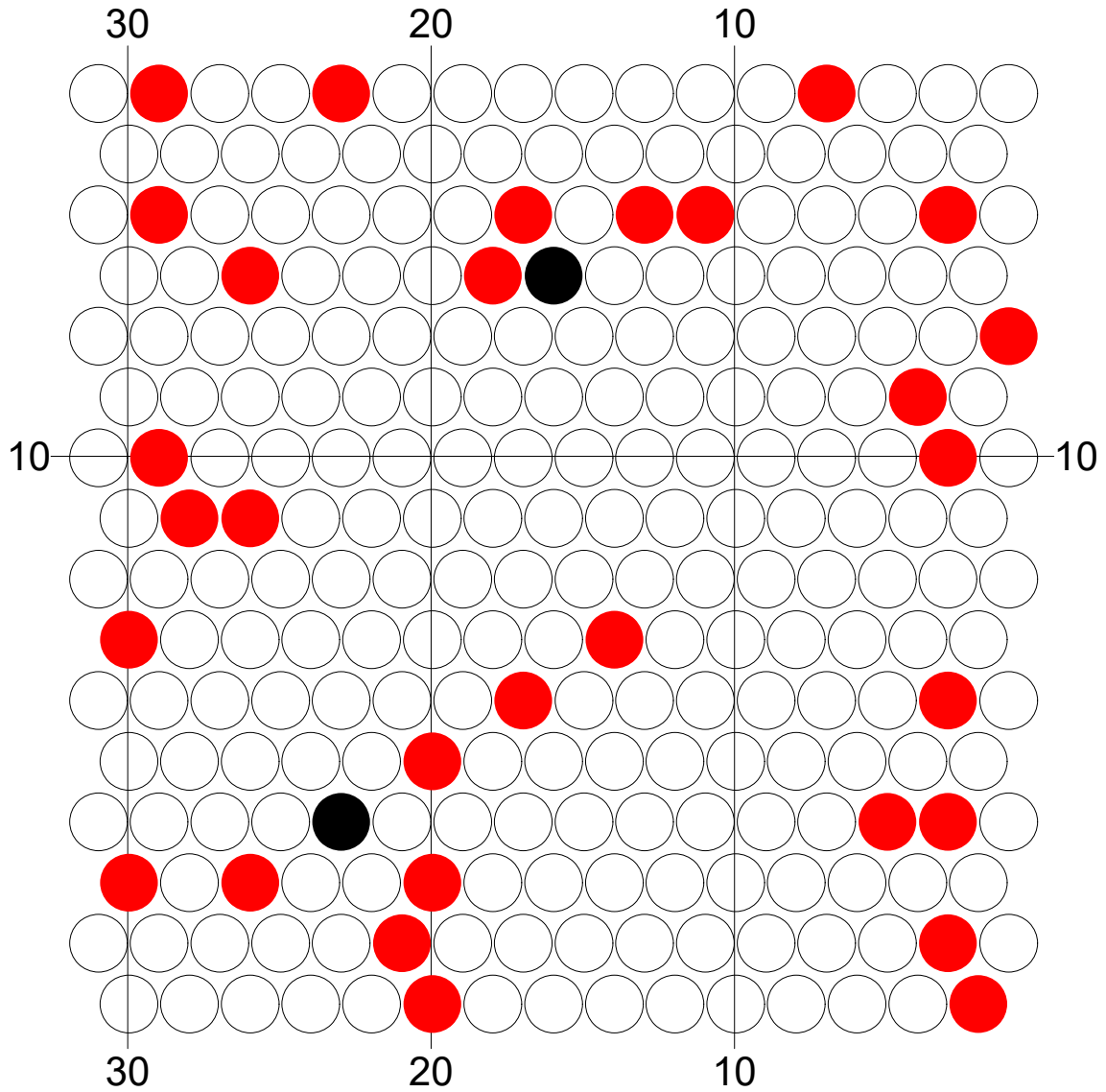
Ansicht: A



● zu verschließen ● Stopfen
 Verschlussgrenze: > 5 D > 7

BXS_1300-3000

Ansicht gespiegelt



Verschleißplan

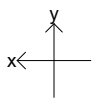
Kunde: Reckmann + Jung
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Pr-Nr: 19.6821.086

Ansicht: B

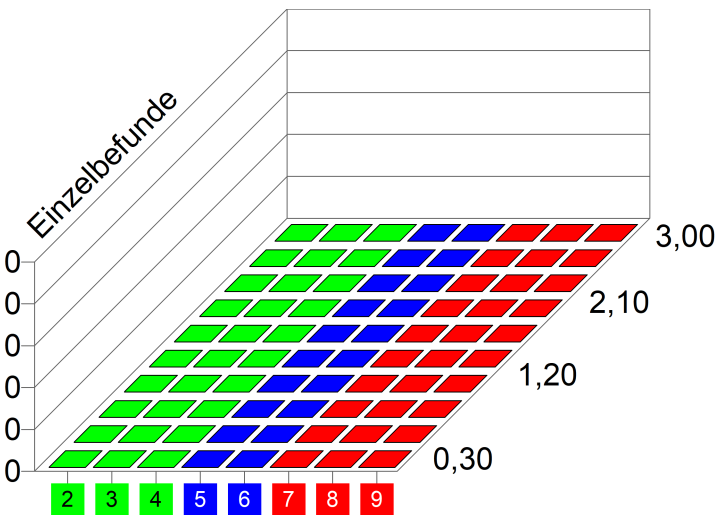
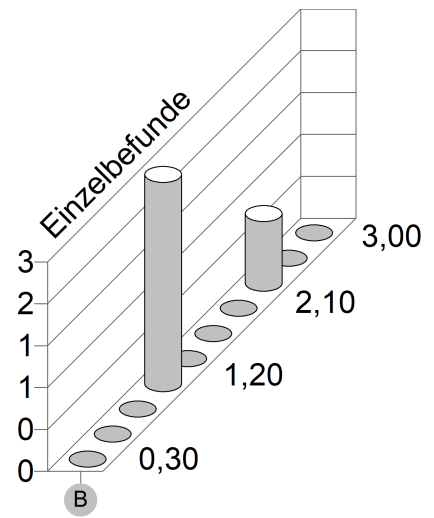
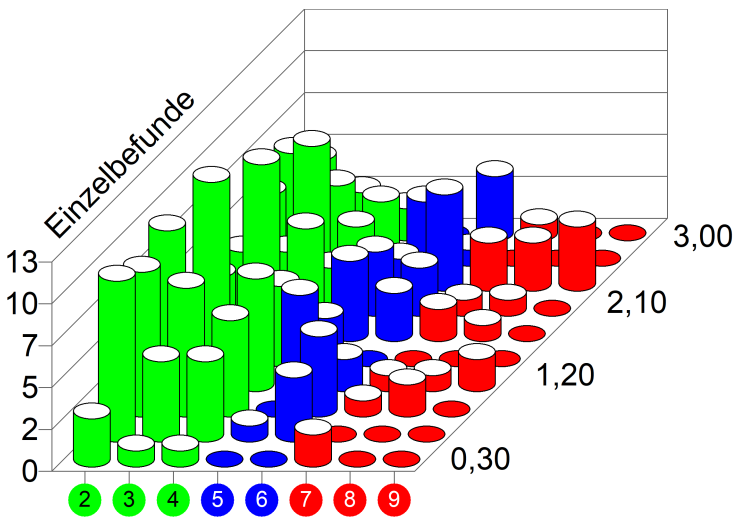
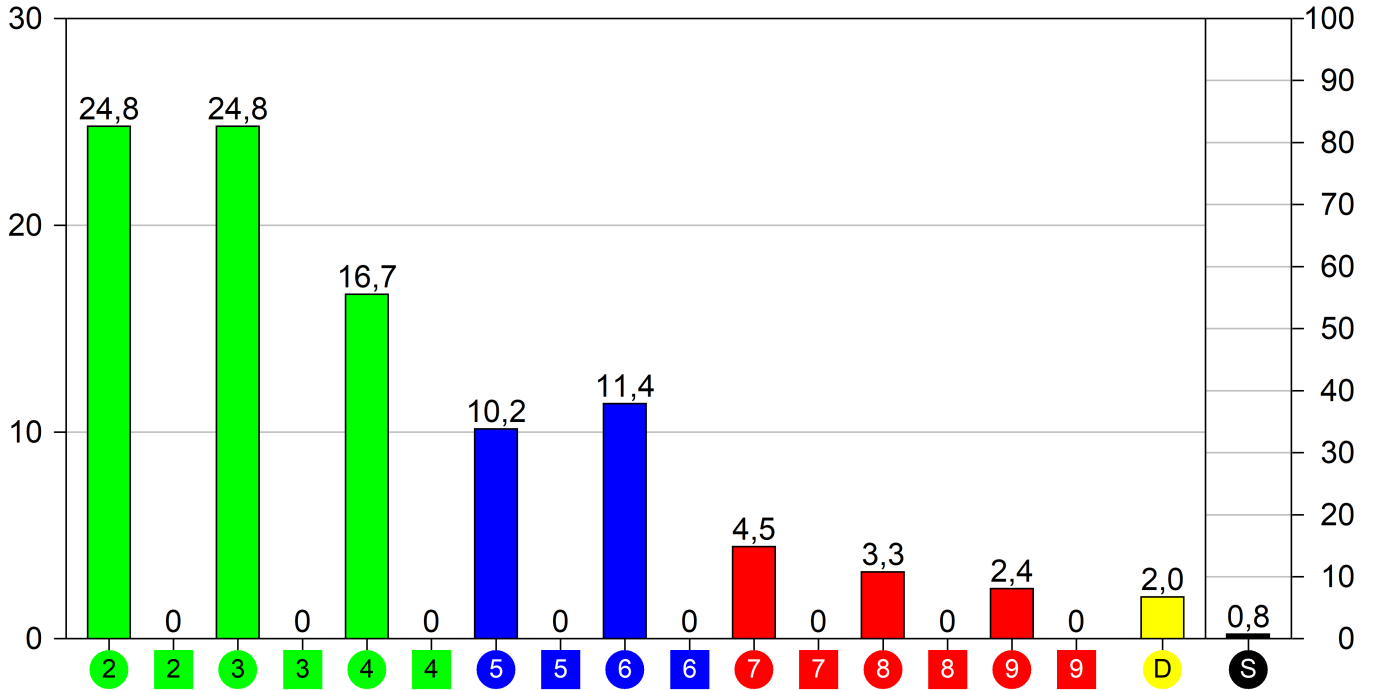
● zu verschließen ● Stopfen

Verschlussgrenze: > 5 D > 7



[%] der getesteten Rohre

[%] aller Rohre



Häufigkeit
Position [m]
Fehlerklasse

Kunde: Reckmann + Jung
 Prüfort: Werkstatt
 PR-Nr: 19.6821.086 A
 Prüfposition:

Prüfdatum: 16.04.2019
 Objekt: BXS_1300-3000
 Bündel: BXS_1300-3000

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| Rohr-koordinaten | | tiefster Innenfehler | | tiefster Außenfehler | | tiefster Anderer | | End-bew. | Rohr-koordinaten | | tiefster Innenfehler | | tiefster Außenfehler | | tiefster Anderer | | End-bew. |
|------------------|---|----------------------|-----|----------------------|----|------------------|-----|----------|------------------|---|----------------------|-----|----------------------|----|------------------|-----|----------|
| X | Y | % | cm | % | cm | Symb. | cm | | X | Y | % | cm | % | cm | Symb. | cm | |
| 2 | 1 | 90 | 465 | | | | | 9 | 28 | 3 | 40 | 393 | | | | | 4 |
| 4 | 1 | 40 | 298 | | | | | 4 | 30 | 3 | | | | D | 100 | | D |
| 6 | 1 | 50 | 235 | | | | | 5 | 1 | 4 | 60 | 96 | | | | | 6 |
| 8 | 1 | 30 | 440 | | | | | 3 | 3 | 4 | 90 | 426 | | | | | 9 |
| 10 | 1 | 30 | 149 | | | | | 3 | 5 | 4 | 80 | 433 | | | | | 8 |
| 12 | 1 | 30 | 191 | | | | | 3 | 7 | 4 | 50 | 207 | | | | | 5 |
| 14 | 1 | 60 | 574 | | | | | 6 | 9 | 4 | 60 | 556 | | | | | 6 |
| 16 | 1 | 30 | 172 | | | | | 3 | 11 | 4 | 40 | 107 | | | | | 4 |
| 18 | 1 | 30 | 83 | | | | | 3 | 13 | 4 | 50 | 247 | | | | | 5 |
| 20 | 1 | 70 | 373 | | | | | 7 | 15 | 4 | 20 | 485 | | | | | 2 |
| 22 | 1 | 50 | 231 | | | | | 5 | 17 | 4 | 40 | 369 | | | | | 4 |
| 24 | 1 | 40 | 437 | | | | | 4 | 19 | 4 | 40 | 537 | | | | | 4 |
| 26 | 1 | 40 | 496 | | | | | 4 | 21 | 4 | 40 | 286 | | | | | 4 |
| 28 | 1 | 20 | 455 | | | | | 2 | 23 | 4 | | | | S | | | S |
| 30 | 1 | 20 | 337 | | | | | 2 | 25 | 4 | 30 | 465 | | | | | 3 |
| 1 | 2 | 40 | 309 | | | | | 4 | 27 | 4 | 50 | 232 | | | | | 5 |
| 3 | 2 | | | | | D | 200 | D | 29 | 4 | 40 | 117 | | | | | 4 |
| 5 | 2 | 30 | 87 | | | | | 3 | 31 | 4 | 20 | 73 | | | | | 2 |
| 7 | 2 | 20 | 366 | | | | | 2 | 2 | 5 | 60 | 368 | | | | | 6 |
| 9 | 2 | 30 | 494 | | | | | 3 | 4 | 5 | 60 | 394 | | | | | 6 |
| 11 | 2 | 50 | 524 | | | | | 5 | 6 | 5 | 40 | 322 | | | | | 4 |
| 13 | 2 | 40 | 266 | | | | | 4 | 8 | 5 | 50 | 318 | | | | | 5 |
| 15 | 2 | 60 | 429 | | | | | 6 | 10 | 5 | 30 | 318 | | | | | 3 |
| 17 | 2 | 40 | 168 | | | | | 4 | 12 | 5 | 60 | 470 | | | | | 6 |
| 19 | 2 | 50 | 502 | | | | | 5 | 14 | 5 | 20 | 189 | | | | | 2 |
| 21 | 2 | | | | | D | 120 | D | 16 | 5 | 20 | 93 | | | | | 2 |
| 23 | 2 | 20 | 389 | | | | | 2 | 18 | 5 | 30 | 382 | | | B | 448 | 3 |
| 25 | 2 | 20 | 161 | | | | | 2 | 20 | 5 | | | | | D | 200 | D |
| 27 | 2 | 30 | 200 | | | | | 3 | 22 | 5 | 60 | 446 | | | | | 6 |
| 29 | 2 | 20 | 459 | | | | | 2 | 24 | 5 | 20 | 44 | | | B | 193 | 2 |
| 31 | 2 | 30 | 226 | | | | | 3 | 26 | 5 | 30 | 152 | | | | | 3 |
| 2 | 3 | 30 | 220 | | | | | 3 | 28 | 5 | 30 | 544 | | | | | 3 |
| 4 | 3 | 20 | 367 | | | | | 2 | 30 | 5 | 20 | 509 | | | | | 2 |
| 6 | 3 | 50 | 512 | | | | | 5 | 1 | 6 | 30 | 309 | | | | | 3 |
| 8 | 3 | 30 | 184 | | | | | 3 | 3 | 6 | 70 | 166 | | | | | 7 |
| 10 | 3 | 20 | 196 | | | | | 2 | 5 | 6 | 20 | 112 | | | | | 2 |
| 12 | 3 | 50 | 331 | | | | | 5 | 7 | 6 | 20 | 357 | | | | | 2 |
| 14 | 3 | 30 | 444 | | | | | 3 | 9 | 6 | 40 | 453 | | | | | 4 |
| 16 | 3 | 20 | 182 | | | | | 2 | 11 | 6 | 20 | 243 | | | | | 2 |
| 18 | 3 | 60 | 101 | | | | | 6 | 13 | 6 | 40 | 180 | | | | | 4 |
| 20 | 3 | 90 | 187 | | | | | 9 | 15 | 6 | 20 | 141 | | | | | 2 |
| 22 | 3 | 20 | 224 | | | | | 2 | 17 | 6 | 70 | 34 | | | | | 7 |
| 24 | 3 | 60 | 119 | | | | | 6 | 19 | 6 | 60 | 169 | | | B | 187 | 6 |
| 26 | 3 | 70 | 541 | | | | | 7 | 21 | 6 | 40 | 191 | | | | | 4 |

Kunde: Reckmann + Jung
 Prüfort: Werkstatt
 PR-Nr: 19.6821.086 A
 Prüfposition:

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 Bündel: BXS_1300-3000

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| Rohr-koordinaten | | tiefster Innenfehler | | tiefster Außenfehler | | tiefster Anderer | | End-bew. | Rohr-koordinaten | | tiefster Innenfehler | | tiefster Außenfehler | | tiefster Anderer | | End-bew. |
|------------------|---|----------------------|-----|----------------------|----|------------------|----|----------|------------------|----|----------------------|-----|----------------------|----|------------------|-----|----------|
| X | Y | % | cm | % | cm | Symb. | cm | | X | Y | % | cm | % | cm | Symb. | cm | |
| 23 | 6 | 60 | 485 | | | | | 6 | 18 | 9 | 20 | 165 | | | B | 212 | 2 |
| 25 | 6 | 40 | 139 | | | | | 4 | 20 | 9 | 30 | 470 | | | | | 3 |
| 27 | 6 | 20 | 541 | | | | | 2 | 22 | 9 | 20 | 71 | | | | | 2 |
| 29 | 6 | 40 | 345 | | | | | 4 | 24 | 9 | 60 | 320 | | | | | 6 |
| 31 | 6 | 30 | 186 | | | | | 3 | 26 | 9 | 80 | 368 | | | | | 8 |
| 2 | 7 | 60 | 334 | | | | | 6 | 28 | 9 | 90 | 218 | | | | | 9 |
| 4 | 7 | 30 | 319 | | | | | 3 | 30 | 9 | 40 | 57 | | | | | 4 |
| 6 | 7 | 20 | 338 | | | | | 2 | 1 | 10 | 40 | 61 | | | | | 4 |
| 8 | 7 | 20 | 502 | | | | | 2 | 3 | 10 | 70 | 335 | | | | | 7 |
| 10 | 7 | 30 | 239 | | | | | 3 | 5 | 10 | 60 | 175 | | | | | 6 |
| 12 | 7 | 50 | 195 | | | | | 5 | 7 | 10 | 30 | 198 | | | | | 3 |
| 14 | 7 | 80 | 327 | | | | | 8 | 9 | 10 | 20 | 379 | | | | | 2 |
| 16 | 7 | 60 | 177 | | | | | 6 | 11 | 10 | 50 | 404 | | | | | 5 |
| 18 | 7 | 40 | 190 | | | | | 4 | 13 | 10 | 30 | 491 | | | | | 3 |
| 20 | 7 | 50 | 334 | | | | | 5 | 15 | 10 | 60 | 233 | | | | | 6 |
| 22 | 7 | 20 | 536 | | | | | 2 | 17 | 10 | 20 | 176 | | | | | 2 |
| 24 | 7 | 30 | 328 | | | | | 3 | 19 | 10 | 60 | 382 | | | | | 6 |
| 26 | 7 | 20 | 268 | | | | | 2 | 21 | 10 | 60 | 221 | | | | | 6 |
| 28 | 7 | 20 | 147 | | | | | 2 | 23 | 10 | 40 | 358 | | | | | 4 |
| 30 | 7 | 70 | 470 | | | | | 7 | 25 | 10 | 40 | 91 | | | | | 4 |
| 1 | 8 | 20 | 553 | | | | | 2 | 27 | 10 | 20 | 555 | | | | | 2 |
| 3 | 8 | 20 | 182 | | | | | 2 | 29 | 10 | 80 | 434 | | | | | 8 |
| 5 | 8 | 20 | 570 | | | | | 2 | 31 | 10 | 40 | 169 | | | | | 4 |
| 7 | 8 | 40 | 164 | | | | | 4 | 2 | 11 | 60 | 81 | | | | | 6 |
| 9 | 8 | 20 | 554 | | | | | 2 | 4 | 11 | 70 | 48 | | | | | 7 |
| 11 | 8 | 30 | 480 | | | | | 3 | 6 | 11 | 40 | 204 | | | | | 4 |
| 13 | 8 | 50 | 296 | | | | | 5 | 8 | 11 | 40 | 252 | | | | | 4 |
| 15 | 8 | 20 | 236 | | | | | 2 | 10 | 11 | 30 | 93 | | | | | 3 |
| 17 | 8 | 40 | 334 | | | | | 4 | 12 | 11 | 50 | 312 | | | | | 5 |
| 19 | 8 | 30 | 564 | | | | | 3 | 14 | 11 | 20 | 60 | | | | | 2 |
| 21 | 8 | 40 | 317 | | | | | 4 | 16 | 11 | 20 | 162 | | | | | 2 |
| 23 | 8 | 40 | 185 | | | | | 4 | 18 | 11 | 30 | 463 | | | | | 3 |
| 25 | 8 | 60 | 171 | | | | | 6 | 20 | 11 | 30 | 320 | | | | | 3 |
| 27 | 8 | 30 | 205 | | | | | 3 | 22 | 11 | 30 | 488 | | | | | 3 |
| 29 | 8 | 50 | 469 | | | | | 5 | 24 | 11 | 20 | 102 | | | | | 2 |
| 31 | 8 | 30 | 345 | | | | | 3 | 26 | 11 | 20 | 427 | | | | | 2 |
| 2 | 9 | 60 | 463 | | | | | 6 | 28 | 11 | 30 | 575 | | | | | 3 |
| 4 | 9 | 50 | 320 | | | | | 5 | 30 | 11 | 30 | 103 | | | | | 3 |
| 6 | 9 | 30 | 53 | | | | | 3 | 1 | 12 | | | | | D | 10 | D |
| 8 | 9 | 60 | 470 | | | | | 6 | 3 | 12 | 40 | 166 | | | | | 4 |
| 10 | 9 | 20 | 57 | | | | | 2 | 5 | 12 | 30 | 387 | | | | | 3 |
| 12 | 9 | 20 | 51 | | | | | 2 | 7 | 12 | 20 | 84 | | | | | 2 |
| 14 | 9 | 20 | 269 | | | | | 2 | 9 | 12 | 20 | 180 | | | | | 2 |
| 16 | 9 | 20 | 81 | | | | | 2 | 11 | 12 | 30 | 343 | | | | | 3 |

