

Zulässige Drehzahlen für Schleifstifte

Ausgewählte Schleifstifte der **Typen 50/51** mit Zylinderform, **abgesetzten** Schäften (**ZYA**), Galvanikbindung (**G**), entsprechend DIN EN 13236

| Art.-Nr. IF. / ID.. | D [mm] | T [mm] | S _d [mm] | S _{1 min.} [mm] | L ₁ [mm] | L ₂ [mm] | L ₄ [mm] | L _{3 min} [mm] | Höchstzahl n _{max} in min ⁻¹ bei offener Schaftlänge L ₀ in mm | | | | | | | | | |
|------------------------|-----------|-----------|------------------------|-----------------------------|------------------------|------------------------|------------------------|----------------------------|---|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| | | | | | | | | | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 50 005 02 | 0,5 | 2 | 3 | 0,30 | 40 | 38 | 5 | 10 | 62.057 | 27.254 | 20.259 | 16.821 | 14.672 | - | - | - | - | - |
| 50 006 02 | 0,6 | 2 | 3 | 0,40 | 40 | 38 | 5 | 10 | 100.543 | 45.297 | 33.721 | 27.960 | 24.308 | - | - | - | - | - |
| 50 007 02 | 0,7 | 2 | 3 | 0,50 | 40 | 38 | 5 | 10 | 144.750 | 66.991 | 49.904 | 41.239 | 35.624 | - | - | - | - | - |
| 50 008 02 | 0,8 | 2 | 3 | 0,50 | 40 | 38 | 7 | 10 | - | 50.948 | 35.116 | 28.353 | 24.327 | - | - | - | - | - |
| 50 008 04 | 0,8 | 4 | 3 | 0,50 | 40 | 36 | 5 | 10 | - | 36.109 | 25.436 | 20.703 | 17.858 | - | - | - | - | - |
| 50 009 04 | 0,9 | 4 | 3 | 0,60 | 40 | 36 | 5 | 10 | - | 50.236 | 35.733 | 29.123 | 25.079 | - | - | - | - | - |
| 50 010 04 | 1,0 | 4 | 3 | 0,70 | 40 | 36 | 5 | 10 | - | 65.990 | 47.364 | 38.609 | 33.130 | - | - | - | - | - |
| 50 012 04 | 1,2 | 4 | 3 | 0,90 | 40 | 36 | 8 | 10 | - | 96.898 | 60.471 | 47.205 | 39.580 | - | - | - | - | - |
| 50 015 04 | 1,5 | 4 | 3 | 1,20 | 40 | 36 | 8 | 10 | - | 143.750 | 96.896 | 75.958 | 62.637 | - | - | - | - | - |
| 50 017 04 | 1,7 | 4 | 3 | 1,40 | 40 | 36 | 10 | 10 | - | 157.725 | 107.029 | 83.580 | 68.385 | - | - | - | - | - |
| 50 018 04 | 1,8 | 4 | 5 | 1,50 | 40 | 36 | 10 | 10 | - | 171.228 | 118.609 | 92.457 | 74.970 | - | - | - | - | - |
| 50 020 04 | 2,0 | 4 | 3 | 1,70 | 40 | 36 | 12 | 10 | - | 198.023 | 141.081 | 108.934 | 86.453 | - | - | - | - | - |
| 50 025 04 | 2,5 | 4 | 3 | 2,30 | 40 | 36 | 15 | 10 | - | - | 154.590 | 118.089 | 92.326 | - | - | - | - | - |
| 50 030 05 | 3,0 | 5 | 3 | 2,70 | 40 | 35 | 15 | 10 | - | - | - | 131.368 | 99.316 | - | - | - | - | - |
| 50 050 B5 | 5,0 | 5 | 6 | 4,70 | 60 | 55 | 27 | 10 | - | - | - | 190.986 | 168.599 | 135.464 | 110.124 | 90.577 | 75.380 | - |
| 50 060 06 | 6,0 | 6 | 6 | 5,70 | 60 | 54 | 25 | 10 | - | - | - | 159.155 | 159.155 | 136.633 | 107.922 | 87.150 | - | - |
| 50 060 07 | 6,0 | 7 | 6 | 5,70 | 60 | 53 | 25 | 10 | - | - | - | 159.155 | 159.155 | 136.633 | 107.922 | 87.150 | - | - |
| 50 061 07 | 6,0 | 7 | 6 | 5,70 | 80 | 73 | 25 | 10 | - | - | - | 159.155 | 159.155 | 136.633 | 107.922 | 87.150 | 71.719 | 59.981 |
| 51 060 L6 | 6,0 | 6 | 6 | 5,70 | 100 | 94 | 25 | 10 | - | - | - | 159.155 | 159.155 | 136.633 | 107.922 | 87.150 | 71.719 | 59.981 |

Legende:

| | |
|---------------------|--|
| D | Kopfdurchmesser |
| T | Belaglänge |
| S _d | Schaftdurchmesser |
| S _{1 min.} | minimaler Halsdurchmesser |
| L ₀ | offene Schaftlänge (L ₀ = L ₁ - T - L ₃) |
| L ₁ | Gesamtlänge |
| L ₂ | Schaftlänge |
| L ₄ | Halslänge |
| L _{3 min} | minimale Einspannlänge |

Certified quality:
DIN EN ISO 9001:2008



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Zulässige Drehzahlen für Schleifstifte

Ausgewählte Schleifstifte der Typen 50/51 mit Zylinderform, nicht abgesetzten Schäften (ZYN), Galvanikbindung (G), entsprechend DIN EN 13236

| Art.-Nr. IF.. / ID.. | D [mm] | T [mm] | S _d [mm] | L ₁ [mm] | L ₂ [mm] | L _{3 min} [mm] | Höchstzahl n _{max} in min ⁻¹ bei offener Schaftlänge L ₀ in mm | | | | | | | | | | |
|-------------------------|-----------|-----------|------------------------|------------------------|------------------------|----------------------------|---|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| | | | | | | | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 70 |
| 50 035 05 | 3,5 | 5 | 3 | 50 | 45 | 10 | 272.837 | 272.837 | 191.382 | 129.697 | 93.371 | 70.302 | 54.786 | - | - | - | - |
| 50 040 05 | 4,0 | 5 | 3 | 50 | 45 | 10 | 238.732 | 238.732 | 167.857 | 115.860 | 84.571 | 64.368 | 50.598 | - | - | - | - |
| 50 040 L5 | 4,0 | 5 | 3 | 75 | 70 | 10 | 238.732 | 238.732 | 167.857 | 115.860 | 84.571 | 64.368 | 50.598 | 40.804 | 28.137 | 20.562 | - |
| 50 045 05 | 4,5 | 5 | 3 | 50 | 45 | 10 | 212.207 | 212.207 | 149.449 | 104.513 | 77.088 | 59.174 | 46.845 | - | - | - | - |
| 50 045 L5 | 4,5 | 5 | 3 | 75 | 70 | 10 | 212.207 | 212.207 | 149.449 | 104.513 | 77.088 | 59.174 | 46.845 | 38.004 | 26.457 | 19.476 | - |
| 50 050 05 | 5,0 | 5 | 3 | 50 | 45 | 10 | 190.986 | 190.986 | 134.662 | 95.083 | 70.695 | 54.634 | 43.501 | - | - | - | - |
| 50 050 L5 | 5,0 | 5 | 3 | 75 | 70 | 10 | 190.986 | 190.986 | 134.662 | 95.083 | 70.695 | 54.634 | 43.501 | 35.468 | 24.895 | 18.445 | - |
| 50 070 08 | 7,0 | 8 | 6 | 60 | 52 | 10 | 136.419 | 136.419 | 136.419 | 136.419 | 136.419 | 112.479 | 90.006 | 73.596 | - | - | - |
| 50 071 08 | 7,0 | 8 | 6 | 80 | 72 | 10 | 136.419 | 136.419 | 136.419 | 136.419 | 136.419 | 112.479 | 90.006 | 73.596 | 51.776 | 38.360 | - |
| 51 035 05 | 3,5 | 5 | 3 | 75 | 70 | 10 | 272.837 | 272.837 | 191.382 | 129.697 | 93.371 | 70.302 | 54.786 | 43.868 | 29.919 | 21.689 | - |
| 51 040 05 | 4,0 | 5 | 3,5 | 75 | 70 | 10 | 238.732 | 238.732 | 167.857 | 115.860 | 84.571 | 64.368 | 50.598 | 40.804 | 28.137 | 20.562 | - |
| 51 045 06 | 4,5 | 6 | 4 | 75 | 69 | 10 | 212.207 | 212.207 | 212.207 | 160.527 | 117.073 | 88.974 | 69.821 | 56.209 | 38.633 | - | - |
| 51 080 08 | 8,0 | 8 | 6 | 80 | 72 | 10 | 119.366 | 119.366 | 119.366 | 119.366 | 119.366 | 100.069 | 80.856 | 66.660 | 47.517 | 35.560 | - |
| 51 090 10 | 9,0 | 10 | 8 | 100 | 90 | 15 | 106.103 | 106.103 | 106.103 | 106.103 | 106.103 | 106.103 | 106.103 | 90.797 | 64.744 | 48.430 | 37.562 |
| 51 100 10 | 10,0 | 10 | 8 | 100 | 90 | 15 | 95.493 | 95.493 | 95.493 | 95.493 | 95.493 | 95.493 | 95.493 | 83.182 | 60.004 | 45.284 | 35.369 |
| 51 120 10 | 12,0 | 10 | 10 | 110 | 100 | 15 | 79.577 | 79.577 | 79.577 | 79.577 | 79.577 | 79.577 | 79.577 | 76.761 | 57.836 | 45.104 | - |
| 51 150 10 | 15,0 | 10 | 10 | 110 | 100 | 15 | 63.662 | 63.662 | 63.662 | 63.662 | 63.662 | 63.662 | 63.662 | 63.662 | 63.662 | 49.562 | 39.191 |
| 51 150 10 | 18,0 | 10 | 10 | 110 | 100 | 20 | 53.052 | 53.052 | 53.052 | 53.052 | 53.052 | 53.052 | 53.052 | 53.052 | 53.052 | 43.061 | 34.380 |
| 51 150 10 | 20,0 | 10 | 10 | 110 | 100 | 20 | 47.746 | 47.746 | 47.746 | 47.746 | 47.746 | 47.746 | 47.746 | 47.746 | 47.746 | 39.505 | 31.691 |

Legende:

| | |
|--------------------|--|
| D | Kopfdurchmesser |
| T | Belaglänge |
| S _d | Schaftdurchmesser |
| L ₀ | offene Schaftlänge (L ₀ = L ₁ - T - L ₃) |
| L ₁ | Gesamtlänge |
| L ₂ | Schaftlänge |
| L _{3 min} | minimale Einspannlänge |

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