



| lifgo SVZ Zahnstange linear | | Einheit | 5.0 | 5.1 | 5.3 | 5.4 | |
|--|------------|-------------------------------|--|-----------|------------|------------|----|
| A | mm | 23 | 27 | 48 | 68 | | |
| A1 | mm | 21 | 25 | 46 | 66 | | |
| B | mm | M10 | M10 | M12 | M16 | | |
| C | mm | 15 | 15 | 20 | 25 | | |
| D | mm | 26 | 31,5 | 48,5 | 48,5 | | |
| (E = Ze x mt x Pi) | E | mm | 69,115038 | 62,046455 | 109,039445 | 109,268519 | |
| (Ergebnisbeispiel für die untere Berechnung) | E1 | mm | 34,56 | 31,02 | 54,52 | 54,63 | |
| | E2 | mm | 103,67 | 93,07 | 163,56 | 163,90 | |
| | E3 | mm | 172,78 | 155,11 | 272,60 | 273,17 | |
| Bohrungsabstand von der Stirnseite | En | mm | En = Ze x mt x Pi x (n - 1/2) | | | | |
| | F | mm | M10 | M12 | M20 | M24 | |
| | G | mm | 20 | 25 | 35 | 40 | |
| | H | mm | 16 | 18,5 | 26,5 | 26,5 | |
| | I | mm | | | | | |
| | J | mm | | | | | |
| | K | mm | | | | | |
| Zahnstangenlänge | L | mm | L = Z x tt | | | | |
| | M | mm | | | | | |
| Max. Anzahl Bohrungen | N max. | stück | Ganzzahl Nmax. = (Z - Ze/2 - 2) / Ze + 1 | | | | |
| | O | mm | | | | | |
| | P | mm | | | | | |
| | R | mm | | | | | |
| | S | mm | | | | | |
| | T | mm | | | | | |
| | U | mm | | | | | |
| | V | mm | | | | | |
| | W | mm | | | | | |
| Anzahl Zähne | Z | stück | nach Kundenangabe | | | | |
| | Za | stück | 10 | 4 | 7 | 7 | |
| | Zb | stück | 8 | 3 | 6 | 5 | |
| | Zc | stück | 12 | 5 | 8 | 9 | |
| | Zd min. | stück | 2 | 2 | 2 | 2 | |
| | Ze | stück | 20 | 8 | 14 | 14 | |
| | Zv | stück | Zv = Za + [(N - 1) x Ze] + Zb | | | | |
| | Zv min. | stück | 32 | 38 | 15 | 27 | 26 |
| | Zv max. | stück | 1138 | 511 | 503 | 502 | |
| | Zm | stück | Zm = Zc + [(N - 1) x Ze] + Zb | | | | |
| | Zm min. | stück | 40 | 16 | 28 | 28 | |
| | Zm max. | stück | 1140 | 512 | 504 | 504 | |
| Zh | stück | Zh = Zc + [(N - 1) x Ze] + Zd | | | | | |
| Zh min. | stück | 34 | 15 | 24 | 25 | | |
| Zh max. | stück | 1157 | 515 | 513 | 512 | | |
| Modul | mt | mm | 1,10 | 2,46875 | 2,47917 | 2,48438 | |
| Zahnteilung | tt | mm | tt = mt x Pi | | | | |
| | | | 3,45575 | 7,75580 | 7,78854 | 7,80491 | |
| Trägheitsmomente | Ix, Iy, Ip | mm ⁴ | siehe Zahnstange lifgo | | | | |
| Gewicht | | Kg/m | 3,65 | 4,84 | 14,45 | 21,61 | |