

Ordering example:

KGT-FM - 2510 - RH - T7 - B120 - 1334 - G60 - V3 - 0

Product

- KGT-M = ball screw with cylindrical single nut
- KGT-F = ball screw with flanged single nut
- KGT-MM = ball screw with cylindrical double nut
- KGT-FM = ball screw with flanged double nut
- KGM-M = cylindrical ball screw single nut
- KGM-F = flanged ball screw single nut
- KGM-MM = cylindrical ball screw double nut
- KGM-FM = flanged ball screw double nut
- KGS = ball screw spindle

Nominal diameter [mm]

Nominal pitch [mm]

Pitch sense

- RH = right-hand screw (standard)
- LH = left-hand screw (on request)

Steigungsgenauigkeit

- T7 = 52 µm / 300 mm (standard)
- T5 = 23 µm / 300 mm (on request)

Spindelende Festlager

- A, B, C = standard end (page K6 continue following)
- X = separated
- G = annealed
- K = to customer's drawing

Length of spindle end for fixed bearing

Total length spindle

Spindle end floating bearing

- A, B, C = standard end (page K6 continue following)
- X = separated
- G = annealed
- K = to customer's drawing

Length of spindle end for floating bearing

Play / pre-load *

- | | | | | | |
|----|---|---------------|--|---|-------------------------|
| S2 | = | standard play | pitch 5 mm and 10 mm | ⇒ | approx. 0.04 to 0.06 mm |
| | | | pitch 20 mm and 25 mm | ⇒ | approx. 0.06 to 0.08 mm |
| | | | pitch 40 mm and larger | ⇒ | approx. 0.08 to 0.15 mm |
| S1 | = | low play | pitch 5 mm and 10 mm | ⇒ | approx. 0.02 mm |
| | | | pitch 20 mm and 25 mm | ⇒ | approx. 0.02 to 0.04 mm |
| | | | pitch 40 mm and larger | ⇒ | approx. 0.03 to 0.08 mm |
| S0 | = | free of play | no free play, very small pro-load | | |
| V3 | = | 3 % pre-load | } (in relation to the dynamic load rating) | | |
| V5 | = | 5 % pre-load | | | |
| V7 | = | 7 % pre-load | | | |

Special version

- 0 = standard version
- 1 = customer-specific version, after discussions with our sales staff
(e.g. Pitch accuracy 23 µm/300 mm [T5] or similar)

* For single nuts without spindle (KGM-M, KGM-F) only standard play is available.