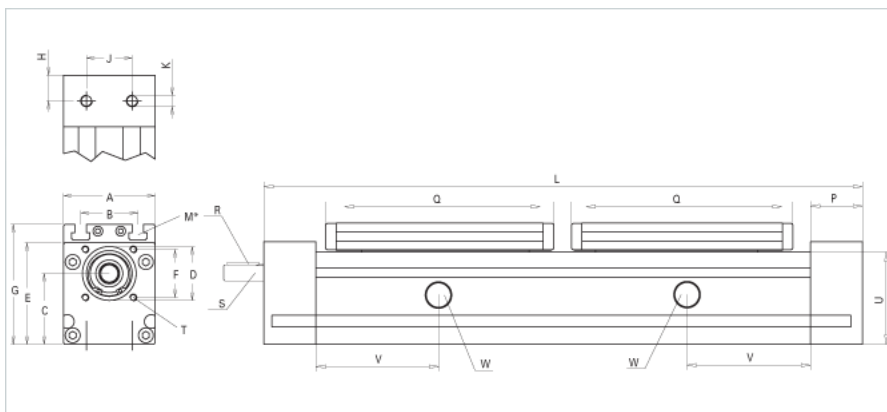


## QSK 80 Dual Carriage Extended Carriage

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your QSK 80 Dual Carriage Extended Carriage today!



### Details

Size	80
Screw Options	25x5/20x20/25x10/25x25
Screw Type	Ball Screw

### Dimensions

Basic Length L with Divided Screw [mm]	810
Basic Length L with Twin Lead Screw [mm]	770
A [mm]	80
B [mm]	50
C [mm]	62
D [mm]	47
E [mm]	89
F [mm]	42
G [mm]	106
H [mm]	22.5
J [mm]	40
K	M10
M	M8
P [mm]	45
Q [mm]	336
Shaft R Key [mm]	5x5x28
Shaft S Diameter x Length [mm]	14h6x35
T	M6
U [mm]	80

### Forces and Torques

Fx [N] 10000 km	2000
Fy [N] 10000 km	2542
Fz [N] 10000 km	6050
Mx [Nm] 10000 km	76
My [Nm] 10000 km	430
Mz [Nm] 10000 km	392
Fx [N] 5000 km	2500
Fy [N] 5000 km	3570
Fz [N] 5000 km	8500
Mx [Nm] 5000 km	107
My [Nm] 5000 km	604
Mz [Nm] 5000 km	550

### Geometrical moments of inertia of aluminum profile

Elastic modulus [N/mm <sup>2</sup> ]	70000
Ix [mm <sup>4</sup> ]	1400000
Iy [mm <sup>4</sup> ]	1660000

### Weight

Additional Weight per 100 mm [kg]	0.9
Basic Weight [kg] [.0]	9.8