

Spider Elements for Couplings Type KBE

| Size | Hardness | Moment of Inertia [Nm] | torsional stiffness static [Nm/rad] | torsional stiffness dynamic [Nm/rad] | Misalignment | | |
|------|----------|------------------------|-------------------------------------|--------------------------------------|--------------|-------------|----------------|
| | | | | | axial [mm] | radial [mm] | angular [Grad] |
| 5 | 92 ShA | 0.5 | 5.16 | 16 | +0.4/-0.2 | 0.06 | 1.0° |
| | 98 ShA | 0.9 | 8.3 | 25 | +0.4/-0.2 | 0.04 | 0.9° |
| 7 | 80 ShA | 0.7 | 8.6 | 26 | +0.6/-0.3 | 0.15 | 1.1° |
| | 92 ShA | 1.2 | 14.3 | 43 | +0.6/-0.3 | 0.10 | 1.0° |
| | 98 ShA | 2.0 | 22.9 | 69 | +0.6/-0.3 | 0.06 | 0.9° |
| 9 | 64 ShD | 2.4 | 34.3 | 103 | +0.6/-0.3 | 0.04 | 0.8° |
| | 80 ShA | 1.8 | 17.2 | 52 | +0.8/-0.4 | 0.19 | 1.1° |
| | 92 ShA | 3.0 | 31.5 | 95 | +0.8/-0.4 | 0.13 | 1.0° |
| | 98 ShA | 5.0 | 51.6 | 155 | +0.8/-0.4 | 0.08 | 0.9° |
| 14 | 64 ShD | 6.0 | 74.6 | 224 | +0.8/-0.4 | 0.05 | 0.8° |
| | 80 ShA | 4.0 | 60.2 | 180 | +1.0/-0.5 | 0.21 | 1.1° |
| | 92 ShA | 7.5 | 114.6 | 344 | +1.0/-0.5 | 0.15 | 1.0° |
| | 98 ShA | 12.5 | 171.9 | 513 | +1.0/-0.5 | 0.09 | 0.9° |
| 19 | 64 ShD | 16.0 | 234.2 | 702 | +1.0/-0.5 | 0.06 | 0.8° |
| | 80 ShA | 4.9 | 618 | 1065 | +1.2/-0.5 | 0.15 | 1.1° |
| | 92 ShA | 10.0 | 1090 | 1815 | +1.2/-0.5 | 0.10 | 1.0° |
| | 98 ShA | 17.0 | 1512 | 2540 | +1.2/-0.5 | 0.06 | 0.9° |
| 24 | 64 ShD | 21.0 | 2560 | 3810 | +1.2/-0.5 | 0.04 | 0.8° |
| | 92 ShA | 35 | 2280 | 4010 | +1.4/-0.5 | 0.14 | 1.0° |
| | 98 ShA | 60 | 3640 | 5980 | +1.4/-0.5 | 0.10 | 0.9° |
| | 64 ShD | 75 | 5030 | 10896 | +1.4/-0.5 | 0.07 | 0.8° |
| 28 | 92 ShA | 95 | 4080 | 6745 | +1.5/-0.7 | 0.15 | 1.0° |
| | 98 ShA | 160 | 6410 | 9920 | +1.5/-0.7 | 0.11 | 0.9° |
| | 64 ShD | 200 | 10260 | 20177 | +1.5/-0.7 | 0.08 | 0.8° |
| 38 | 92 ShA | 190 | 6525 | 11050 | +1.8/-0.7 | 0.17 | 1.0° |
| | 98 ShA | 325 | 11800 | 17160 | +1.8/-0.7 | 0.12 | 0.9° |
| | 64 ShD | 405 | 26300 | 40335 | +1.8/-0.7 | 0.09 | 0.8° |
| 42 | 92 ShA | 265 | 10870 | 15680 | +2.0/-1.0 | 0.19 | 1.0° |
| | 98 ShA | 450 | 21594 | 37692 | +2.0/-1.0 | 0.14 | 0.9° |
| | 64 ShD | 560 | 36860 | 69825 | +2.0/-1.0 | 0.10 | 0.8° |
| 48 | 92 ShA | 310 | 12968 | 18400 | +2.1/-1.0 | 0.23 | 1.0° |
| | 98 ShA | 525 | 25759 | 45620 | +2.1/-1.0 | 0.16 | 0.9° |
| | 64 ShD | 655 | 57630 | 99750 | +2.1/-1.0 | 0.11 | 0.8° |



98 ShoreA



92 ShoreA



80 ShoreA



64 ShoreD