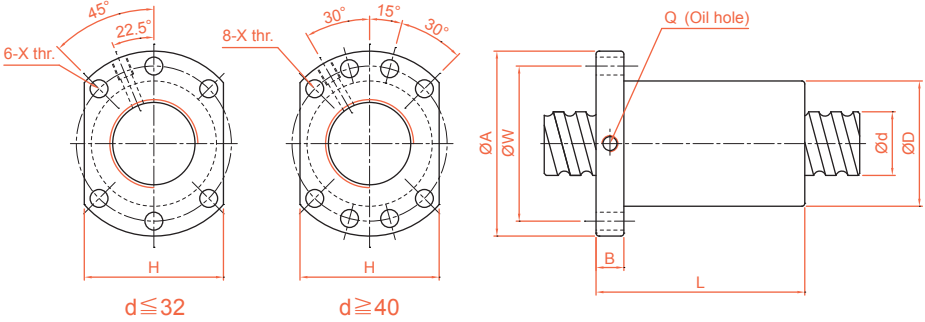


# TBI MOTION BALL SCREW

## 2-2 Precision Ground Ball Screw Series

OFU/DFU (DIN 69051 FORM B) Series Specifications



Unit : mm

| Model No.  | d   | I  | Da    | Dimension |     |    |     |     |     |      |    |     | Load Rating |           | K<br>kgf/ $\mu$ m |
|------------|-----|----|-------|-----------|-----|----|-----|-----|-----|------|----|-----|-------------|-----------|-------------------|
|            |     |    |       | D         | A   | B  | L   | W   | H   | X    | Q  | n   | Ca (kgf)    | Coa (kgf) |                   |
| OFU01605-4 | 16  | 5  | 3.175 | 28        | 48  | 10 | 75  | 38  | 40  | 5.5  | M6 | 1x8 | 1380        | 3052      | 44                |
| OFU02005-4 | 20  | 5  | 3.175 | 36        | 58  | 10 | 85  | 47  | 44  | 6.6  | M6 | 1x8 | 1551        | 3875      | 53                |
| OFU02505-4 | 25  | 5  | 3.175 | 40        | 62  | 10 | 86  | 51  | 48  | 6.6  | M6 | 1x8 | 1724        | 4904      | 62                |
| OFU02510-4 |     | 10 | 4.762 | 40        | 62  | 12 | 130 | 51  | 48  | 6.6  | M6 | 1x8 | 2954        | 7295      | 67                |
| OFU03205-4 | 32  | 5  | 3.175 | 50        | 80  | 12 | 87  | 65  | 62  | 9    | M6 | 1x8 | 1922        | 6343      | 74                |
| OFU03210-4 |     | 10 | 6.35  | 50        | 80  | 12 | 145 | 65  | 62  | 9    | M6 | 1x8 | 4805        | 12208     | 82                |
| OFU04005-4 | 40  | 5  | 3.175 | 63        | 93  | 14 | 90  | 78  | 70  | 9    | M8 | 1x8 | 2110        | 7988      | 87                |
| OFU04010-4 |     | 10 | 6.35  | 63        | 93  | 14 | 148 | 78  | 70  | 9    | M8 | 1x8 | 5399        | 15500     | 99                |
| OFU05010-4 | 50  | 10 | 6.35  | 75        | 110 | 16 | 148 | 93  | 85  | 11   | M8 | 1x8 | 6004        | 19614     | 117               |
| OFU06310-4 | 63  | 10 | 6.35  | 90        | 125 | 18 | 153 | 108 | 95  | 11   | M8 | 1x8 | 6719        | 25358     | 139               |
| OFU08010-4 | 80  | 10 | 6.35  | 105       | 145 | 20 | 153 | 125 | 110 | 13.5 | M8 | 1x8 | 7346        | 31953     | 156               |
| DFU01604-4 | 16  | 4  | 2.381 | 28        | 48  | 10 | 80  | 38  | 40  | 5.5  | M6 | 1x4 | 973         | 2406      | 43                |
| DFU02004-4 | 20  | 4  | 2.381 | 36        | 58  | 10 | 80  | 47  | 44  | 6.6  | M6 | 1x4 | 1066        | 2987      | 51                |
| DFU02504-4 | 25  | 4  | 2.381 | 40        | 62  | 10 | 80  | 51  | 48  | 6.6  | M6 | 1x4 | 1180        | 3795      | 60                |
| DFU02506-4 |     | 6  | 3.969 | 40        | 62  | 10 | 105 | 51  | 48  | 6.6  | M6 | 1x4 | 2318        | 6057      | 64                |
| DFU02508-4 |     | 8  | 4.762 | 40        | 62  | 10 | 120 | 51  | 48  | 6.6  | M6 | 1x4 | 2963        | 7313      | 67                |
| DFU03204-4 | 32  | 4  | 2.381 | 50        | 80  | 12 | 80  | 65  | 62  | 9    | M6 | 1x4 | 1296        | 4838      | 71                |
| DFU03206-4 |     | 6  | 3.969 | 50        | 80  | 12 | 105 | 65  | 62  | 9    | M6 | 1x4 | 2632        | 7979      | 78                |
| DFU03208-4 |     | 8  | 4.762 | 50        | 80  | 12 | 122 | 65  | 62  | 9    | M6 | 1x4 | 3387        | 9622      | 82                |
| DFU04006-4 | 40  | 6  | 3.969 | 63        | 93  | 14 | 108 | 78  | 70  | 9    | M6 | 1x4 | 2873        | 9913      | 91                |
| DFU04008-4 |     | 8  | 4.762 | 63        | 93  | 14 | 132 | 78  | 70  | 9    | M6 | 1x4 | 3712        | 11947     | 96                |
| DFU05020-4 | 50  | 20 | 7.144 | 75        | 110 | 16 | 280 | 93  | 85  | 11   | M8 | 1x4 | 7142        | 22588     | 126               |
| DFU06320-4 | 63  | 20 | 9.525 | 95        | 135 | 20 | 290 | 115 | 100 | 13.5 | M8 | 1x4 | 11444       | 36653     | 152               |
| DFU08020-4 | 80  | 20 | 9.525 | 125       | 165 | 25 | 295 | 145 | 130 | 13.5 | M8 | 1x4 | 12911       | 47747     | 187               |
| DFU10020-4 | 100 | 20 | 9.525 | 150       | 202 | 30 | 340 | 170 | 155 | 17.5 | M8 | 1x4 | 14303       | 60698     | 222               |