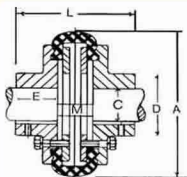


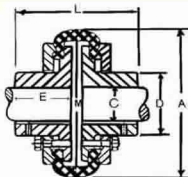
# HI-TECH COUPLINGS



## HTC SERIES TYPE TYPE AUTOMATIC FLEXIBLE CUSHION COUPLINGS



FROM HTC-01 TO HTC-17



FROM HTC-18 TO HTC-25

**DIMENSIONAL TABLE**

**RATING TABLE**

| Coupling | Max. Bore | Approximate Dimensions |     |     |     |    | Max.      | Cont.     | Power Rating HP at Common Motor Speed |            |         |         |         |          |          |
|----------|-----------|------------------------|-----|-----|-----|----|-----------|-----------|---------------------------------------|------------|---------|---------|---------|----------|----------|
| Size     | C         | A                      | L   | D   | E   | M  | Speed RPM | Torque Nm | Torque Nm                             | HP/100 RPM | 585 RPM | 720 RPM | 960 RPM | 1440 RPM | 2880 RPM |
| HTC-01   | 9         | 42                     | 54  | 27  | 19  | 16 | 6000      | *         | *                                     | *          | 0.06    | 0.07    | 0.10    | 0.15     | 0.30     |
| HTC-02   | 11        | 54                     | 68  | 38  | 24  | 20 | 6000      | *         | *                                     | *          | 0.12    | 0.15    | 0.20    | 0.30     | 0.60     |
| HTC-03   | 14        | 70                     | 78  | 43  | 27  | 24 | 6000      | *         | *                                     | *          | 0.20    | 0.25    | 0.35    | 0.50     | 1.00     |
| HTC-04   | 18        | 93                     | 74  | 30  | 26  | 22 | 6000      | *         | *                                     | *          | 0.30    | 0.40    | 0.50    | 0.70     | 1.50     |
| HTC-05   | 20        | 97                     | 74  | 35  | 25  | 24 | 5500      | 15        | 5                                     | 0.07       | 0.40    | 0.50    | 0.70    | 1.00     | 2.00     |
| HTC-06   | 22        | 105                    | 84  | 38  | 32  | 20 | 5500      | 30        | 10                                    | 0.14       | 0.80    | 1.00    | 1.30    | 2.00     | 4.10     |
| HTC-07   | 24        | 105                    | 111 | 43  | 40  | 31 | 5500      | 45        | 15                                    | 0.21       | 1.25    | 1.54    | 2.00    | 3.10     | 6.15     |
| HTC-08   | 28        | 120                    | 95  | 51  | 37  | 21 | 5500      | 60        | 20                                    | 0.28       | 1.65    | 2.00    | 2.70    | 4.10     | 8.20     |
| HTC-09   | 32        | 135                    | 108 | 58  | 39  | 30 | 5500      | 90        | 30                                    | 0.42       | 2.50    | 3.10    | 4.10    | 6.10     | 12.3     |
| HTC-10   | 44        | 160                    | 132 | 71  | 49  | 34 | 4400      | 135       | 45                                    | 0.63       | 3.75    | 4.60    | 6.20    | 9.25     | 18.5     |
| HTC-11   | 46        | 164                    | 133 | 75  | 51  | 31 | 4300      | 165       | 55                                    | 0.77       | 4.60    | 5.60    | 7.50    | 11.3     | 22.5     |
| HTC-12   | 44        | 176                    | 147 | 71  | 53  | 41 | 4200      | 210       | 70                                    | 0.98       | 5.85    | 7.20    | 9.60    | 14.4     | 29.0     |
| HTC-13   | 50        | 188                    | 145 | 80  | 53  | 39 | 3750      | 330       | 110                                   | 1.54       | 9.20    | 11.3    | 15.0    | 22.6     | 45.0     |
| HTC-14   | 55        | 212                    | 155 | 95  | 56  | 43 | 3200      | 450       | 150                                   | 2.10       | 12.5    | 15.5    | 20.5    | 30.8     | 62.0     |
| HTC-15   | 70        | 240                    | 173 | 118 | 62  | 49 | 2750      | 660       | 220                                   | 3.10       | 18.5    | 22.8    | 30.0    | 45.0     | -        |
| HTC-16   | 85        | 270                    | 181 | 138 | 68  | 45 | 2700      | 900       | 300                                   | 4.20       | 25.0    | 30.0    | 41.0    | 61.0     | -        |
| HTC-17   | 90        | 280                    | 215 | 142 | 76  | 63 | 2600      | 1410      | 470                                   | 6.60       | 39.0    | 48.0    | 65.0    | 97.0     | -        |
| HTC-18   | 95        | 310                    | 195 | 154 | 90  | 15 | 2550      | 1800      | 600                                   | 8.40       | 50.0    | 61.0    | 82.0    | 123      | -        |
| HTC-19   | 100       | 316                    | 202 | 159 | 96  | 10 | 2450      | 2355      | 785                                   | 11.0       | 65.0    | 80.0    | 107     | 161      | -        |
| HTC-20   | 125       | 370                    | 226 | 203 | 110 | 6  | 2200      | 3600      | 1200                                  | 16.8       | 100     | 123     | 164     | 246      | -        |
| HTC-21   | 125       | 370                    | 240 | 203 | 115 | 10 | 2000      | 4485      | 1500                                  | 21.0       | 125     | 154     | 205     | 308      | -        |
| HTC-22   | 140       | 412                    | 256 | 237 | 118 | 20 | 1700      | 7170      | 2405                                  | 33.6       | 200     | 246     | 328     | 492      | -        |
| HTC-23   | 140       | 448                    | 280 | 230 | 125 | 30 | 1600      | 11100     | 3725                                  | 52.0       | 310     | 381     | 508     | 762      | -        |
| HTC-24   | 170       | 530                    | 282 | 315 | 128 | 26 | 1300      | 16080     | 5385                                  | 75.2       | 448     | 551     | 735     | -        | -        |
| HTC-25   | 145       | 546                    | 365 | 260 | 147 | 71 | 1250      | 20535     | 6850                                  | 96.1       | 572     | 705     | 940     | -        | -        |

(1) Above dimensions are approximate & be used for guidance only. We reserve the right to alter these dimensions without notice.

(2) The Continuous rating values are for normal duty conditions with Service Factor 1.0

(3) All Dimensions in mm.

(4) \* Nominal

**HI-TECH Transmission Engineers**  
Mobile: 9312628280