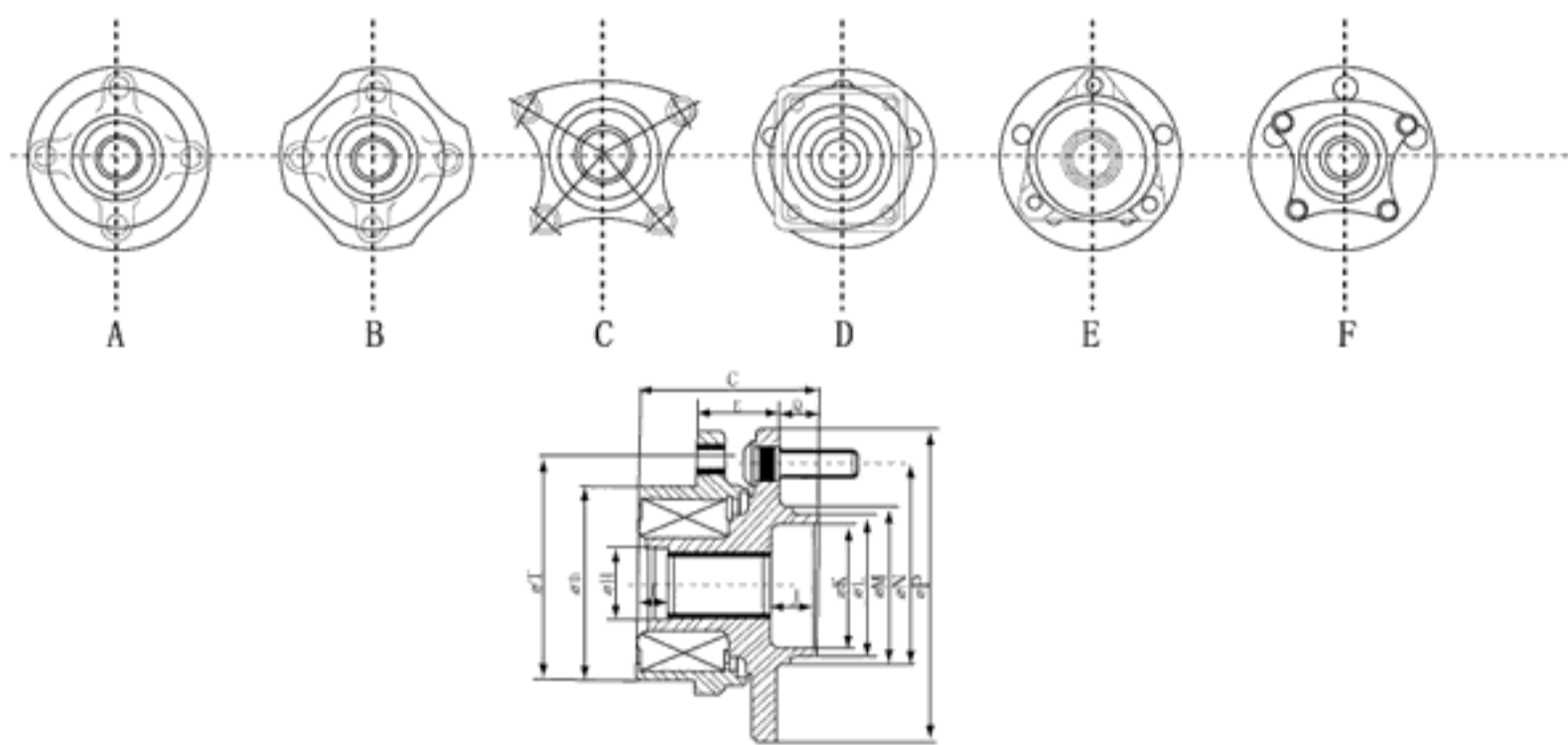


We developed the hub unit in 2000 and we have developed automotive Hub Unit Generation II & III. The integrated hub bearing unit is now the dominant solution for car and light commercial wheel bearing applications. This family of products has developed into a broad ranging, highly sophisticated set of design solutions.

They are suitable for Various famous Cars. Including Fiat, Benz, Lancia, Seat, Audi, Renault, BMW, Chrysler and also for Volkswagen, Ford, Opel, Toyota, Nissan, Honda, Volvo, GM and Hyundai.



| ITEM NO. | Dimension | | | | | | | | | | | | | Flange parameter | |
|-----------|-----------|-------|--------|---------|-------|-------|-------|--------|--------|---------|--------|--------|--------|------------------|-----|
| | D | E | Q | T | C | H | K | L | M | N | P | I | J | Bolts Spec | Qty |
| 513011 | 84.17 | 41.96 | 17.45 | 102 | 70.99 | 29.59 | 49.21 | 57.02 | 57.73 | 100 | 125.4 | 17.45 | 18.24 | M12X1.5 | 5 |
| 513013 | 92.4 | 47.24 | 18.3 | 120.7 | 80.7 | 32 | 59.3 | 70.08 | 70.6 | 120.6 | 144.3 | 26.6 | 17 | M12X1.5 | 5 |
| 513016 | 85.32 | 41.78 | 20.5 | 116 | 89.95 | 35.05 | 59.4 | 70.15 | 70.63 | 115 | 146.1 | 21.4 | 15.5 | M12X1.5 | 5 |
| 513044 | 119 | 44.85 | 14.49 | 146.5 | 73.82 | | 58.7 | 70.1 | 70.61 | 115 | 144.45 | 20.74 | 18.8 | M12X1.5 | 5 |
| 513084 | 100 | 54.1 | 11.99 | 120.65 | 87.76 | 31.75 | 53.98 | 71.42 | 71.88 | 114.3 | 154 | 13.925 | 17.27 | 1/2-20UNF | 5 |
| 513087 | 89 | 42.06 | 20 | 115.98 | 91.31 | 34.32 | 59.69 | 70.1 | 70.6 | 115.98 | 145.98 | 2 | 23.52 | M12X1.5 | 5 |
| 513100 | 85.47 | 36 | 17.78 | 112 | 78.93 | 31.75 | 55.55 | 63.12 | 70.97 | 107.95 | 139.06 | 15.35 | 20.62 | M12X1.5 | 5 |
| 513105 | 76 | | 13.4 | | 71.77 | 31.8 | 58 | 63 | 64 | 108 | 138 | 54.84 | 16.93 | M12X1.5 | 5 |
| 513121 | 89 | 42.06 | 20 | 115.98 | 89.72 | 34.32 | 59.69 | 70.1 | 70.6 | 115.98 | 145.98 | 5.46 | 23.52 | M12X1.5 | 5 |
| 513122 | 73.79 | - | 17.4 | - | - | 29.85 | 49.78 | 56.794 | 60.833 | 100 | 125.9 | 49.78 | 14.478 | 14.5 | 5 |
| 513123 | 72.9 | - | 16.51 | - | - | 29.85 | 61.9 | 70.41 | 71.323 | 114.3 | 139.32 | 17.46 | 13.2 | 14.5 | 5 |
| 513137 | | 37.2 | 19.99 | | 83.49 | 34.29 | 59.69 | 70.104 | 70.612 | 115 | 145.49 | 22.6 | 24 | M12X1.5 | 5 |
| 513016E | 89.95 | 41.78 | 20.5 | 116 | 85.32 | 35.05 | 59.4 | 70.15 | 70.63 | 115 | 146.05 | 19.4 | 17.5 | M12X1.5 | 5 |
| 513017E | 73.4 | 44.3 | 17.55 | 98.425 | 63.5 | 29.5 | 49.2 | 57.02 | 58.32 | 100 | 125.4 | 17.95 | 13 | M12X1.5 | 5 |
| 513074D | 75.64 | 37.46 | 16.74 | 85.8 | 87 | 29.85 | 62 | 70.4 | 71.36 | 114.3 | 139 | 17.46 | 13.5 | M12X1.5 | 5 |
| 513089E | 109.5 | 42.1 | 20 | 116 | 91.3 | - | 59.7 | 70.1 | 71.4 | 114 | 146 | - | 23.05 | 14.3 | 5 |
| 513117H | 87 | 37.5 | 17.4 | 110.007 | 75.82 | 31.1 | 50 | 56.8 | 60.8 | 100 | 126 | 14.22 | 18 | M12X1.5 | 5 |
| F052 | 110.05 | 47.24 | 18.3 | 120.7 | 80.7 | 32 | 59.3 | 70.08 | 70.6 | 120.65 | 144.3 | 26.6 | 17.1 | M12X1.5 | 5 |
| PT513075 | 75.5 | 37.3 | 17.4 | 85.8 | 83.6 | 38 | 49.5 | 56.7 | 60.7 | 100 | 126 | 7.4 | 14.7 | M12X1.5 | 5 |
| T513016 | 90.043 | | 19.837 | 116.332 | | 35.56 | 59.69 | 70.1 | 70.61 | 115.011 | 146.05 | | 13.64 | M12X1.5 | 5 |
| T513017 | 73.482 | | 17.45 | 98.425 | | 29.59 | 49.21 | 57.02 | 58.32 | 100 | 125.41 | | 13.08 | M12X1.5 | 5 |
| 513004K | 99.7 | 44 | 16.4 | 98 | 73.45 | 29.3 | 49.7 | 57.02 | 58.32 | 100 | 125.41 | 23.7 | 15.5 | M12X1.5 | 5 |
| 513089E | 109.5 | 42.1 | 20 | 116 | 91.3 | - | 59.7 | 70.1 | 71.4 | 114 | 146 | - | 23.05 | 14.3 | 5 |
| 518500 | - | - | 16.8 | - | - | 38 | 49.8 | 56.79 | 60.83 | 100 | 122 | - | 11.5 | M12X1.5 | 4 |
| 518502 | - | - | 16.88 | - | - | 38 | 49.78 | 56.79 | - | 100 | 125.9 | - | 13.6 | M12X1.5 | 4 |
| 518501 | - | - | 17.64 | - | - | 34 | 49.78 | 56 | 56.79 | 100 | 126 | - | 14.6 | M12X1.5 | 4 |
| 513089 | -- | -- | 20 | 116 | 90.04 | 39.62 | 59.7 | 70.1 | 70.6 | 116 | 146 | -- | 15.24 | 12 | 5 |
| 513137 | 88.99 | 42.06 | 19.99 | 115.98 | 91.31 | 31.19 | 59.69 | 70.106 | 70.612 | 115 | 145.49 | 15.88 | 23.52 | M12X1.5 | 5 |
| 513087PP | 83.49 | 37.2 | 19.99 | 115.98 | 91.31 | 31.19 | 59.69 | 70.106 | 70.612 | 115 | 145.49 | 15.88 | 23.52 | M12X1.5 | 5 |
| 513061E | 74.7 | 47.24 | 18.3 | 120.7 | 80.7 | 32 | 59.3 | 70.08 | 70.6 | 120.6 | 144.3 | 26.6 | 17 | M12X1.5 | 5 |
| HUBB056 | 91.1 | 50.6 | 16.5 | 125.7 | 97.63 | 40 | 65 | 77 | 78 | 139.7 | 170 | 20 | 18 | 1/2-20UNF | 5 |
| HUBB073-B | 74 | 37.5 | 14 | 110 | 86 | 31 | 50 | 55.5 | 56.5 | 100 | 124.5 | 95 | 17.5 | ?14 | 5 |
| HUBB072-B | 102.37 | 65.1 | 20.7 | 80 | 71.66 | - | 47.7 | 70 | 70.5 | 115.3 | 138 | -- | 13 | ?16 | 2 |
| HUBB041-B | 76.85 | 37.3 | 16.04 | 85.8 | 87 | 26.9 | 61.5 | 70.358 | 71.25 | 114.3 | 138.94 | 15.5 | 15.68 | ?14.40 | 5 |
| HUBB060-B | 78.6 | 45.6 | 17.85 | 98.5 | 73.7 | 29.25 | 49.05 | 56.9 | 57.95 | 100 | 124.45 | 16.3 | 15.65 | ?12.30 | 5 |
| HUBB071-B | 101.47 | 65.1 | 16.1 | 80 | 71.66 | -- | 45.5 | 56.65 | 57.14 | 100 | 138 | -- | 11.8 | ?12.30 | 5 |
| BR930179 | 78.93 | 36 | 17.78 | 108 | 85.47 | 31.75 | 55.55 | 63.12 | 70.97 | 112 | 139.06 | 15.35 | 20.62 | M12X1.75 | 3 |
| 513059 | -- | -- | 20 | 116 | 91.3 | 41.9 | 59.7 | 70.1 | 71.4 | 112 | 145.5 | -- | 23.52 | 12.3 | 5 |
| 513088 | -- | -- | 20 | 116 | 91.3 | 41.9 | 59.7 | 70.1 | 70.6 | 116 | 145.5 | -- | 23.52 | 12.3 | 5 |