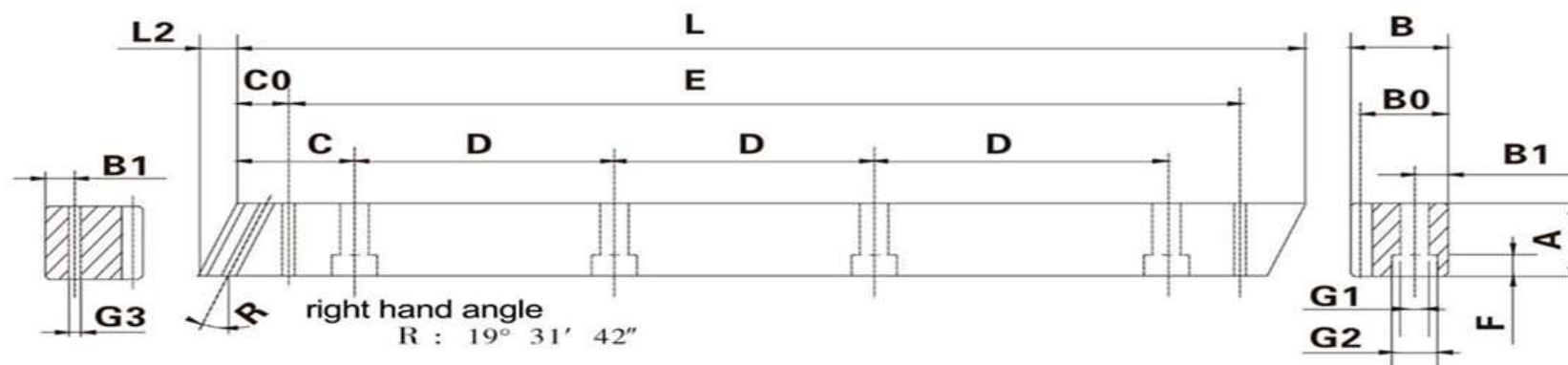




## Helical Hardened Rack (HHR)



Series :- HHR - DIN 6

Quality Class :- DIN 6

Heat Treatment :- Induction Hardened

Right Hand Angle :- 19°31'42"

Material :- S45C

Hardness HRC :- 55-60HRC

Type :- Teeth ground

Dimensions are in MM

| Model Name        | HHR1.5-500 | HHR1.5-1000 | HHR02-500 | HHR02-1000 | HHR03-500 | HHR03-1000 | HHR04-506.7 | HHR04-1000 | HHR05-500 | HHR05-1000 | HHR06-500 | HHR06-1000 | HHR08-480 | HHR08-960 |
|-------------------|------------|-------------|-----------|------------|-----------|------------|-------------|------------|-----------|------------|-----------|------------|-----------|-----------|
| Module            | 1.5        | 1.5         | 2         | 2          | 3         | 3          | 4           | 4          | 5         | 5          | 6         | 6          | 8         | 8         |
| Length            | 500        | 1000        | 500       | 1000       | 500       | 1000       | 500         | 1000       | 500       | 1000       | 500       | 1000       | 500       | 1000      |
| Actual Length (L) | 500        | 1000        | 500       | 1000       | 500       | 1000       | 506.7       | 1000       | 500       | 1000       | 500       | 1000       | 480       | 960       |
| L2                | 6.74       | 6.74        | 8.5       | 8.5        | 10.3      | 10.3       | 13.8        | 13.8       | 17.4      | 17.4       | 20.9      | 20.9       | 28        | 28        |
| No. Of Teeth      | 100        | 200         | 75        | 150        | 50        | 100        | 38          | 75         | 30        | 60         | 25        | 50         | 18        | 36        |
| A                 | 19         | 19          | 24        | 24         | 29        | 29         | 39          | 39         | 49        | 49         | 59        | 59         | 79        | 79        |
| B                 | 19         | 19          | 24        | 24         | 29        | 29         | 39          | 39         | 39        | 39         | 49        | 49         | 79        | 79        |
| B0                | 17.5       | 17.5        | 22        | 22         | 26        | 26         | 35          | 35         | 34        | 34         | 43        | 43         | 71        | 71        |
| C                 | 62.5       | 62.5        | 62.5      | 62.5       | 62.5      | 62.5       | 62.5        | 62.5       | 62.5      | 62.5       | 62.5      | 62.5       | 60        | 60        |
| D                 | 125        | 125         | 125       | 125        | 125       | 125        | 125         | 125        | 125       | 125        | 125       | 125        | 120       | 120       |
| Hole no.          | 4          | 8           | 4         | 8          | 4         | 8          | 4           | 8          | 4         | 8          | 4         | 8          | 4         | 8         |
| B1                | 8          | 8           | 8         | 8          | 9         | 9          | 12          | 12         | 12        | 12         | 16        | 16         | 25        | 25        |
| G1                | 7          | 7           | 7         | 7          | 10        | 10         | 10          | 10         | 14        | 14         | 18        | 18         | 22        | 22        |
| G2                | 11         | 11          | 11        | 11         | 15        | 15         | 15          | 15         | 20        | 20         | 26        | 26         | 33        | 33        |
| F                 | 7          | 7           | 7         | 7          | 9         | 9          | 9           | 9          | 13        | 13         | 17        | 17         | 21        | 21        |
| CO                | 31.7       | 31.7        | 31.7      | 31.7       | 35        | 35         | 33.3        | 33.3       | 37.5      | 37.5       | 37.5      | 37.5       | 120       | 120       |
| E                 | 436.6      | 936.6       | 436.6     | 936.6      | 430       | 930        | 433         | 933.4      | 425       | 925        | 425       | 925        | 240       | 720       |
| G3                | 5.7        | 5.7         | 5.7       | 5.7        | 7.7       | 7.7        | 7.7         | 7.7        | 11.7      | 11.7       | 15.7      | 15.7       | 19.7      | 19.7      |