



# Hack10 Connector

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The Hack10 connector is a core component within any Hackett grade 10 chain sling assembly. As its name suggests, it connects lengths of chain to both master links and sub assemblies, as well as various end fittings such as shackles and eye hooks. Manufactured from alloy steel, the Hack10 connector is 25% stronger than a grade 8 equivalent, delivering a greater working load limit without the need for a larger diameter chain sling.

- Standards:

designed and manufactured in accordance with EN1677-1, ASTM A952/A952M, and DIN PAS 1061 and suitable for use in chain slings certified to EN818-4.
- Product sizes:

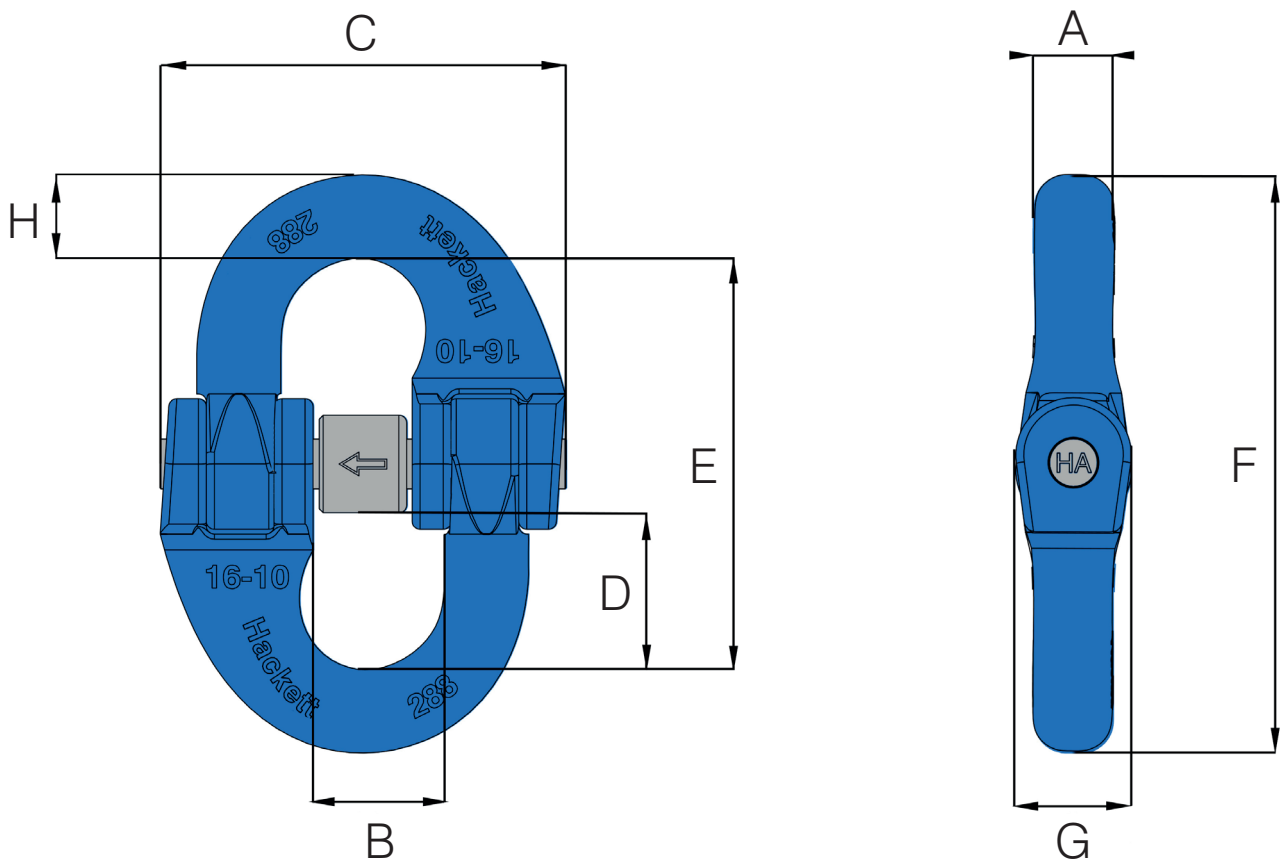
available for chain sizes from 6mm to 32mm and with working load limits from 1.4 tonnes to 40.0 tonnes.
- Temperature:

operational temperature range of - 40°C to + 200°C without reduction in working load limit.
- Material:

alloy steel.
- Testing:

crack detection following heat treatment, and proof load tested to 2.5 times working load limit.
- Safety factor:

4 : 1.



## Metric Specifications

| PART CODE | CHAIN SIZE mm | A mm | B mm | C mm  | D mm | E mm  | F mm  | G mm | H mm | BOX QTY. | WLL tonnes | MASS kg |
|-----------|---------------|------|------|-------|------|-------|-------|------|------|----------|------------|---------|
| 10-H03-06 | 6             | 7.0  | 14.0 | 40.0  | 16.0 | 44.5  | 62.0  | 12.0 | 8.6  | 200      | 1.4        | 0.08    |
| 10-H03-08 | 8             | 10.0 | 18.5 | 53.0  | 24.0 | 63.0  | 84.0  | 14.0 | 10.5 | 150      | 2.5        | 0.18    |
| 10-H03-10 | 10            | 12.6 | 23.0 | 64.0  | 28.0 | 71.0  | 97.0  | 18.0 | 12.8 | 50       | 4.0        | 0.34    |
| 10-H03-13 | 13            | 16.5 | 28.0 | 81.0  | 34.0 | 92.5  | 126.0 | 23.0 | 16.6 | 35       | 6.7        | 0.71    |
| 10-H03-16 | 16            | 20.0 | 33.5 | 103.0 | 39.0 | 106.5 | 145.0 | 30.0 | 20.8 | 20       | 10.0       | 1.22    |
| 10-H03-20 | 20            | 25.0 | 42.0 | 119.5 | 44.0 | 123.0 | 175.0 | 35.0 | 26.0 | 10       | 16.0       | 2.13    |
| 10-H03-22 | 22            | 27.0 | 48.0 | 142.0 | 50.0 | 137.5 | 193.0 | 39.0 | 27.0 | 6        | 19.0       | 3.00    |
| 10-H03-26 | 26            | 32.0 | 61.0 | 169.0 | 63.0 | 161.0 | 229.0 | 46.0 | 33.0 | 3        | 26.5       | 5.22    |
| 10-H03-32 | 32            | 40.0 | 80.0 | 218.0 | 78.0 | 197.0 | 279.0 | 54.0 | 39.0 | 2        | 40.0       | 9.55    |



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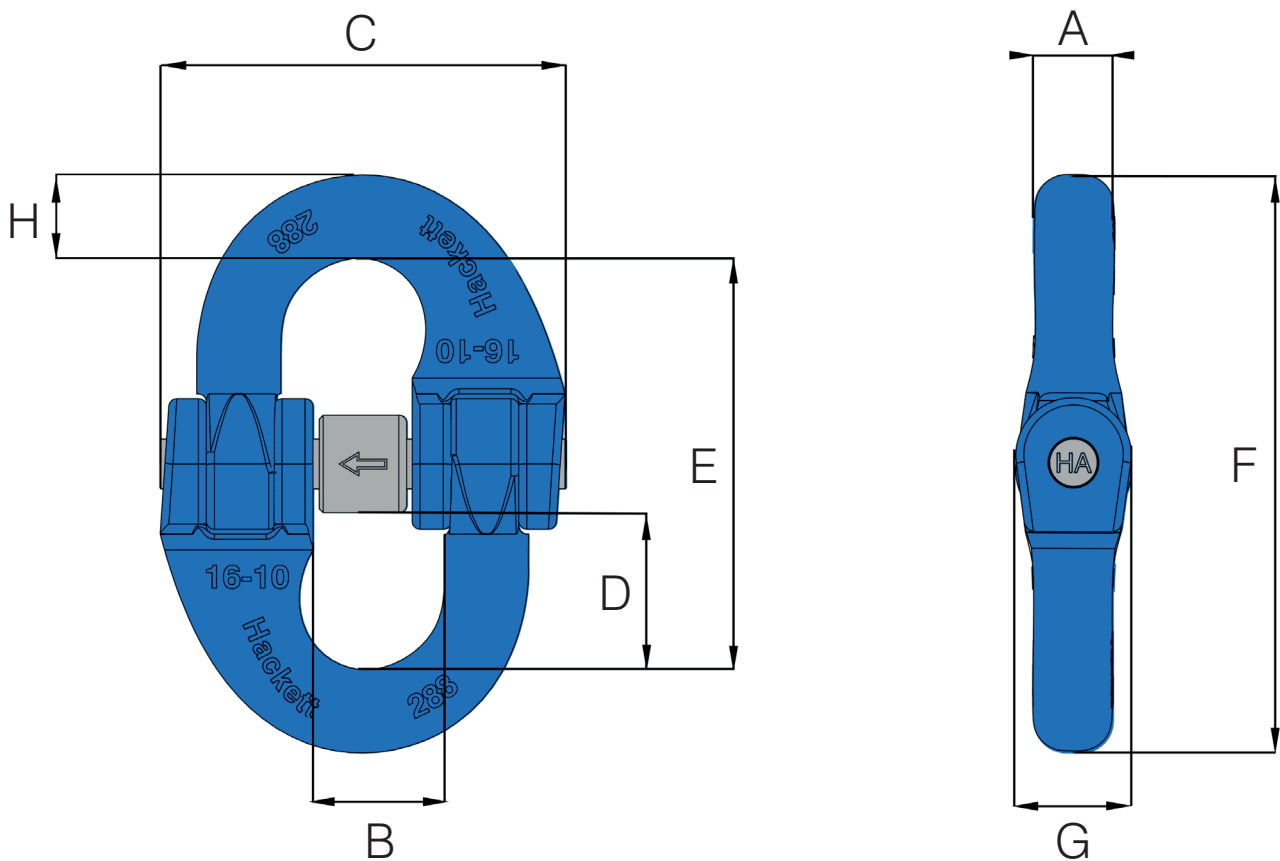
available for chain sizes from 7/32 inch to 1-1/4 inch and with working load limits from 3,200 lbs to 90,400 lbs.
- Temperature:

operational temperature range of - 40°C to + 200°C without reduction in working load limit.
- Material:

alloy steel.
- Testing:

crack detection following heat treatment, and proof load tested to 2.5 times working load limit.
- Safety factor:

4 : 1.



## Imperial Specifications

| PART CODE | CHAIN SIZE<br>inch | A<br>inch | B<br>inch | C<br>inch | D<br>inch | E<br>inch | F<br>inch | G<br>inch | H<br>inch | BOX QTY. | WLL<br>lbs | MASS<br>lbs |
|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------|-------------|
| 10-H03-06 | 7/32               | 0.28      | 0.55      | 1.57      | 0.63      | 1.75      | 2.44      | 0.47      | 0.34      | 200      | 3200       | 0.18        |
| 10-H03-08 | 5/16               | 0.39      | 0.73      | 2.09      | 0.94      | 2.48      | 3.31      | 0.55      | 0.41      | 150      | 5700       | 0.40        |
| 10-H03-10 | 3/8                | 0.50      | 0.91      | 2.52      | 1.10      | 2.80      | 3.82      | 0.71      | 0.50      | 50       | 8800       | 0.75        |
| 10-H03-13 | 1/2                | 0.65      | 1.10      | 3.19      | 1.34      | 3.64      | 4.96      | 0.91      | 0.65      | 35       | 15000      | 1.57        |
| 10-H03-16 | 5/8                | 0.79      | 1.32      | 4.06      | 1.54      | 4.19      | 5.71      | 1.18      | 0.82      | 20       | 22600      | 2.69        |
| 10-H03-20 | 3/4                | 0.98      | 1.65      | 4.70      | 1.73      | 4.84      | 6.89      | 1.38      | 1.02      | 10       | 35300      | 4.70        |
| 10-H03-22 | 7/8                | 1.06      | 1.89      | 5.59      | 1.97      | 5.41      | 7.60      | 1.54      | 1.06      | 6        | 42700      | 6.61        |
| 10-H03-26 | 1                  | 1.26      | 2.40      | 6.65      | 2.48      | 6.34      | 9.02      | 1.81      | 1.30      | 3        | 59700      | 11.51       |
| 10-H03-32 | 1-1/4              | 1.57      | 3.15      | 8.58      | 3.07      | 7.76      | 10.98     | 2.13      | 1.54      | 2        | 90400      | 21.05       |