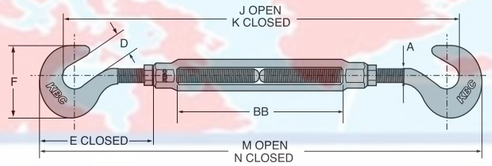
# DROP FORGED TURNBUCKLES | 단조 턴버클

## ＼ HOOK & HOOK (단조턴버클-HXH)

- 사용용도 : 와이어로프 및 철구조물 지지용
- 재질 : Forged cargbonsteel 열처리된 단조소재 사용
- 고객의 요구가 있을 경우에는 특수한 형태의 제품도 공급할 수 있다.
- 개조, 변형시 사용금지
- 제품제원표를 참조하여 충격랑과 작업조건에 맞게 제품을 선택하시기 바랍니다.
- B.T.L은 S.W.L의 5배




- Hot Dip Galvanized
- End fittings are Quenched and Tempered, bodies heat treated by normalizing.
- Hooks are forged with a greater cross sectional area that results in a stronger hook with better fatigue properties.
- Turnbuckles recommend for straight or in-line pulls only.
- LOCKNUT INCLUDED

[KP-2042]



| Thread Diameter & Take up (in) | S.W.L (T) | Dimensions (in) | | | | | | | | | Weight Each (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | D | E CLOSE | F | J OPEN | K CLOSED | M OPEN | N CLOSED | BB | |
| 3/8 x 6 | 0.45 | 0.38 | 0.56 | 2.3 | 1.77 | 16.5 | 10.5 | 17.72 | 11.72 | 6 | 0.3 |
| 1/2 x 6 | 0.68 | 0.5 | 0.66 | 2.94 | 2.28 | 18.82 | 11.82 | 20.38 | 13.38 | 6 | 0.7 |
| 1/2 x 9 | 0.68 | 0.5 | 0.66 | 2.94 | 2.28 | 23.84 | 14.83 | 25.4 | 16.39 | 9 | 0.8 |
| 1/2 x 12 | 0.68 | 0.5 | 0.66 | 2.94 | 2.28 | 30.82 | 17.82 | 32.38 | 19.38 | 12 | 0.9 |
| 5/8 x 6 | 1 | 0.63 | 0.9 | 3.69 | 2.81 | 20.5 | 13.25 | 22.5 | 15.25 | 6 | 1.2 |
| 5/8 x 9 | 1 | 0.63 | 0.84 | 3.69 | 2.81 | 25.27 | 16.26 | 27.27 | 18.27 | 9 | 1.4 |
| 5/8 x 12 | 1 | 0.63 | 0.9 | 3.69 | 2.81 | 32.5 | 19.25 | 34.5 | 21.25 | 12 | 1.6 |
| 3/4 x 6 | 1.36 | 0.75 | 0.98 | 4.52 | 3.33 | 22.38 | 14.88 | 24.78 | 17.28 | 6 | 1.8 |
| 3/4 x 9 | 1.36 | 0.75 | 0.98 | 4.52 | 3.33 | 26.9 | 17.9 | 29.3 | 20.29 | 9 | 2.1 |
| 3/4 x 12 | 1.36 | 0.75 | 0.98 | 4.52 | 3.33 | 34.38 | 20.88 | 36.78 | 23.28 | 12 | 2.5 |
| 3/4 x 18 | 1.36 | 0.75 | 0.98 | 4.52 | 3.33 | 46.38 | 26.88 | 48.78 | 29.28 | 18 | 3.3 |
| 7/8 x 6 | 1.8 | 0.88 | 1.13 | 5.19 | 3.78 | 23.22 | 16.9 | 25.59 | 19.29 | 6 | 2.9 |
| 7/8 x 12 | 1.8 | 0.88 | 1.13 | 5.19 | 3.78 | 36 | 22.25 | 38.75 | 25 | 12 | 3.7 |
| 7/8 x 18 | 1.8 | 0.88 | 1.13 | 5.19 | 3.78 | 46.29 | 28.27 | 49.04 | 31.02 | 18 | 4.5 |
| 1 x 6 | 2.27 | 1 | 1.26 | 5.84 | 4.26 | 23.65 | 17.64 | 26.71 | 20.7 | 6 | 4.2 |
| 1 x 12 | 2.27 | 1 | 1.25 | 5.84 | 4.25 | 37.63 | 23.63 | 40.69 | 26.69 | 12 | 5.4 |
| 1 x 18 | 2.27 | 1 | 1.25 | 5.84 | 4.25 | 49.63 | 29.63 | 52.69 | 32.69 | 18 | 6.4 |
| 1 x 24 | 2.27 | 1 | 1.25 | 5.84 | 4.25 | 61.63 | 35.63 | 64.69 | 38.69 | 24 | 7.8 |
| 1 1/4 x 12 | 2.95 | 1.25 | 1.5 | 7.22 | 5.13 | 40.44 | 25.94 | 44.06 | 29.56 | 12 | 8.6 |
| 1 1/4 x 18 | 2.95 | 1.25 | 1.5 | 7.22 | 5.13 | 52.44 | 31.94 | 56.06 | 35.56 | 18 | 10.4 |
| 1 1/4 x 24 | 2.95 | 1.25 | 1.5 | 7.22 | 5.13 | 64.44 | 37.94 | 68.06 | 41.56 | 24 | 12.3 |
| 1 1/2 x 12 | 3.4 | 1.5 | 1.88 | 8.34 | 5.75 | 43.94 | 28.94 | 47.44 | 32.44 | 12 | 12.5 |
| 1 1/2 x 18 | 3.4 | 1.5 | 1.88 | 8.34 | 5.75 | 55.96 | 34.94 | 59.44 | 38.44 | 18 | 14.1 |
| 1 1/2 x 24 | 3.4 | 1.5 | 1.88 | 8.34 | 5.75 | 67.94 | 40.94 | 71.44 | 44.44 | 24 | 17 |

* Proof Load is 2.5 times the Working Load Limit, Ultmate Load is 5times the Working Load Limit.

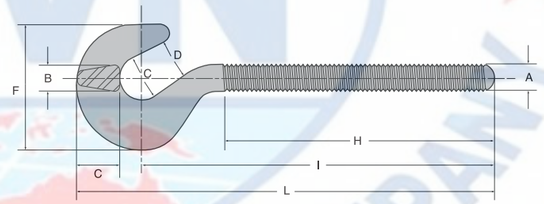




## ＼ HG-4037 HOOK END FITTINGS

- 사용용도 : 와이어로프 및 철구조물 지지용
- 재질 : Forged cargbonsteel 열처리된 단조소재 사용
- 고객의 요구가 있을 경우에는 특수한 형태의 제품도 공급할 수 있다.
- 개조, 변형시 사용금지
- 제품제원표를 참조하여 충격랑과 작업조건에 맞게 제품을 선택하시기 바랍니다.

- Hot Dip Galvanized steel.
- Quenched and Tempered.
- Hooks are forged with a greater cross sectional area that results in a stronger hook with better fatigue properties.
- Modified UNJ thread for improved fatigue properties.
- Fatigue Rated.




| Thread Diameter & Take up (in) | S.W.L (T) | Dimensions (in) | | | | | | | | | Weight Each (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | F | G | H | I | L | |
| 3/8 x 6 | 0.45 | 0.38 | 0.38 | 0.61 | 0.56 | 1.77 | 0.62 | 3.88 | 4.94 | 5.86 | 0.11 |
| 1/2 x 6 | 0.68 | 0.5 | 0.5 | 0.78 | 0.66 | 2.28 | 0.81 | 4.25 | 5.5 | 6.69 | 0.25 |
| 1/2 x 9 | 0.68 | 0.5 | 0.5 | 0.78 | 0.66 | 2.28 | 0.81 | 5.75 | 7 | 8.19 | 0.27 |
| 1/2 x 12 | 0.68 | 0.5 | 0.5 | 0.78 | 0.66 | 2.28 | 0.81 | 7.25 | 8.5 | 9.56 | 0.31 |
| 5/8 x 6 | 1 | 0.63 | 0.63 | 1 | 0.9 | 2.81 | 1 | 4.56 | 6.13 | 7.63 | 0.41 |
| 5/8 x 9 | 1 | 0.63 | 0.63 | 1 | 0.9 | 2.81 | 1 | 6.06 | 7.63 | 9.13 | 0.47 |
| 5/8 x 12 | 1 | 0.63 | 0.63 | 1 | 0.84 | 2.81 | 1 | 7.56 | 9.13 | 10.63 | 0.53 |
| 3/4 x 6 | 1.36 | 0.75 | 0.75 | 1.2 | 0.98 | 3.33 | 1.13 | 4.55 | 6.88 | 8.64 | 0.7 |
| 3/4 x 9 | 1.36 | 0.75 | 0.75 | 1.2 | 0.98 | 3.33 | 1.13 | 6.05 | 8.38 | 10.14 | 0.79 |
| 3/4 x 12 | 1.36 | 0.75 | 0.75 | 1.2 | 0.98 | 3.33 | 1.13 | 7.55 | 9.88 | 11.64 | 1 |
| 3/4 x 18 | 1.36 | 0.75 | 0.75 | 1.2 | 0.98 | 3.33 | 1.13 | 10.55 | 12.88 | 14.64 | 1.1 |
| 7/8 x 6 | 1.8 | 0.88 | 0.88 | 1.38 | 1.13 | 3.78 | 1.25 | 5.03 | 7.95 | 9.5 | 1 |
| 7/8 x 12 | 1.8 | 0.88 | 0.88 | 1.38 | 1.13 | 3.78 | 1.25 | 7.8 | 10.5 | 12.5 | 1.14 |
| 7/8 x 18 | 1.8 | 0.88 | 0.88 | 1.38 | 1.13 | 3.78 | 1.25 | 10.8 | 13.5 | 15.5 | 1.36 |
| 1 x 6 | 2.27 | 1 | 1 | 1.53 | 1.25 | 4.25 | 1.38 | 5.05 | 8.13 | 10.34 | 1.57 |
| 1 x 12 | 2.27 | 1 | 1 | 1.53 | 1.25 | 4.25 | 1.38 | 8.05 | 11.12 | 13.34 | 1.91 |
| 1 x 18 | 2.27 | 1 | 1 | 1.53 | 1.25 | 4.25 | 1.38 | 11.05 | 14.13 | 16.34 | 2.14 |
| 1 x 24 | 2.27 | 1 | 1 | 1.53 | 1.25 | 4.25 | 1.38 | 14.05 | 17.13 | 19.34 | 2.36 |
| 1 1/4 x 12 | 2.95 | 1.25 | 1.25 | 1.81 | 1.5 | 5.13 | 1.75 | 8.28 | 12.09 | 14.78 | 2.95 |
| 1 1/4 x 18 | 2.95 | 1.25 | 1.25 | 1.81 | 1.5 | 5.13 | 1.75 | 11.28 | 15.09 | 17.78 | 3.1 |
| 1 1/4 x 24 | 2.95 | 1.25 | 1.25 | 1.81 | 1.5 | 5.13 | 1.75 | 14.28 | 18.09 | 20.78 | 4.09 |
| 1 1/2 x 12 | 3.4 | 1.5 | 1.31 | 1.75 | 1.88 | 5.75 | 2.25 | 8.72 | 13.34 | 16.21 | 3.98 |
| 1 1/2 x 18 | 3.4 | 1.5 | 1.31 | 1.75 | 1.88 | 5.75 | 2.25 | 11.72 | 16.34 | 19.21 | 4.52 |
| 1 1/2 x 24 | 3.4 | 1.5 | 1.31 | 1.75 | 1.88 | 5.75 | 2.25 | 14.72 | 19.34 | 22.21 | 5.09 |



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