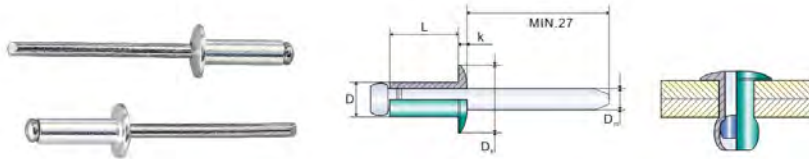






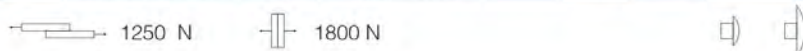
A01 Aluminium/Stainless Steel Open End





| D | P/N | L +1 |  | D _c | K Max | D _m Max | Drill  |
|------------|-------------|---------|---|----------------|----------|-----------------------|--|
| 3.2 | HLK-B3.2*6 | 6 | 1.5-3.5 | 6.7 | 1.3 | 2 | 3.3 |
| | HLK-B3.2*8 | 8 | 3.5-5.0 | | | | |
| | HLK-B3.2*10 | 10 | 5.0-7.0 | | | | |
| | HLK-B3.2*12 | 12 | 7.0-9.0 | | | | |
| | HLK-B3.2*16 | 16 | 9.0-13.0 | | | | |
| | HLK-B3.2*20 | 20 | 13.0-17.0 | | | | |

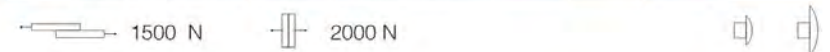




| D | P/N | L +1 |  | D _c | K Max | D _m Max | Drill  |
|------------|-------------|---------|---|----------------|----------|-----------------------|--|
| 4.0 | HLK-B4.0*6 | 6 | 1.5-3.0 | 8.0 | 1.7 | 2.45 | 4.1 |
| | HLK-B4.0*8 | 8 | 3.0-5.0 | | | | |
| | HLK-B4.0*10 | 10 | 5.0-6.5 | | | | |
| | HLK-B4.0*12 | 12 | 6.5-8.5 | | | | |
| | HLK-B4.0*16 | 16 | 8.5-12.5 | | | | |
| | HLK-B4.0*20 | 20 | 12.5-16.5 | | | | |
| | HLK-B4.0*25 | 25 | 16.5-21.0 | | | | |



Aluminium/Stainless Steel Open End

| D | P/N | L +1 |  | D _c | K Max | D _m Max | Drill  |
|------------|-------------|---------|---|----------------|----------|-----------------------|--|
| 4.8 | HLK-B4.8*6 | 6 | 1.5-2.5 | 10.0 | 2 | 2.95 | 4.9 |
| | HLK-B4.8*8 | 8 | 2.5-4.0 | | | | |
| | HLK-B4.8*10 | 10 | 4.0-6.0 | | | | |
| | HLK-B4.8*12 | 12 | 6.0-8.0 | | | | |
| | HLK-B4.8*16 | 16 | 8.0-12.0 | | | | |
| | HLK-B4.8*20 | 20 | 12.0-15.0 | | | | |
| | HLK-B4.8*25 | 25 | 15.0-20.0 | | | | |

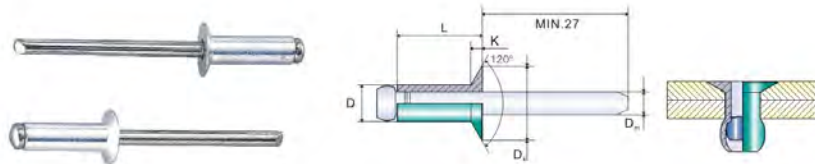




| D | P/N | L +1 |  | D _c | K Max | D _m Max | Drill  |
|------------|-------------|---------|---|----------------|----------|-----------------------|--|
| 6.4 | HLK-B6.4*12 | 12 | 3.0-6.0 | 13 | 2.7 | 3.9 | 6.5 |
| | HLK-B6.4*16 | 16 | 6.0-10.0 | | | | |
| | HLK-B6.4*20 | 20 | 10.0-14.0 | | | | |
| | HLK-B6.4*25 | 25 | 14.0-18.0 | | | | |
| | HLK-B6.4*30 | 30 | 18.0-23.0 | | | | |






A02



Aluminium/Stainless Steel Open End Countersunk Head





| D | P/N | L +1 |  | D ₁ | K Max | D _m Max | Drill  |
|-----------------------|---------------------------|---------|---|----------------|----------|-----------------------|--|
| 3.2 +0.08 -0.15 | HLK ₂ -B3.2*6 | 6 | 2.0-3.5 | 6.7 | 1.3 | 2 | 3.3 |
| | HLK ₂ -B3.2*8 | 8 | 3.5-5.0 | | | | |
| | HLK ₂ -B3.2*10 | 10 | 5.0-7.0 | | | | |
| | HLK ₂ -B3.2*12 | 12 | 7.0-9.0 | | | | |
| | HLK ₂ -B3.2*16 | 16 | 9.0-13.0 | | | | |
| | HLK ₂ -B3.2*20 | 20 | 13.0-17.0 | | | | |



 750 N  1100 N



| D | P/N | L +1 |  | D ₁ | K Max | D _m Max | Drill  |
|-----------------------|---------------------------|---------|---|----------------|----------|-----------------------|--|
| 4.0 +0.08 -0.15 | HLK ₂ -B4.0*8 | 8 | 2.0-5.0 | 8.0 | 1.7 | 2.45 | 4.1 |
| | HLK ₂ -B4.0*10 | 10 | 5.0-6.5 | | | | |
| | HLK ₂ -B4.0*12 | 12 | 6.5-8.5 | | | | |
| | HLK ₂ -B4.0*16 | 16 | 8.5-12.5 | | | | |
| | HLK ₂ -B4.0*20 | 20 | 12.5-16.5 | | | | |
| | HLK ₂ -B4.0*25 | 25 | 16.5-21.0 | | | | |



 1250 N  1800 N

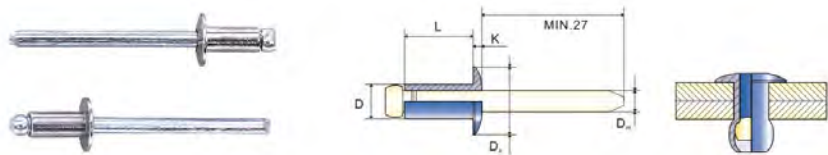
Aluminium/Stainless Steel Open End Countersunk Head



| D | P/N | L +1 |  | D ₁ | K Max | D _m Max | Drill  |
|---------------------------|---------------------------|-----------|---|----------------|----------|-----------------------|--|
| 4.8 +0.08 -0.15 | HLK ₂ -B4.8*8 | 8 | 2.5-4.0 | 10.0 | 2 | 2.95 | 4.9 |
| | HLK ₂ -B4.8*10 | 10 | 4.0-6.0 | | | | |
| | HLK ₂ -B4.8*12 | 12 | 6.0-8.0 | | | | |
| | HLK ₂ -B4.8*16 | 16 | 8.0-12.0 | | | | |
| | HLK ₂ -B4.8*20 | 20 | 12.0-15.0 | | | | |
| | HLK ₂ -B4.8*25 | 25 | 15.0-20.0 | | | | |
| HLK ₂ -B4.8*30 | 30 | 20.0-25.0 | | | | | |


 1500 N  2000 N

| D | P/N | L +1 |  | D ₁ | K Max | D _m Max | Drill  |
|-----------------------|---------------------------|---------|---|----------------|----------|-----------------------|--|
| 6.4 +0.08 -0.15 | HLK ₂ -B6.4*12 | 12 | 3.0-6.0 | 13 | 2.7 | 3.9 | 6.5 |
| | HLK ₂ -B6.4*16 | 16 | 6.0-10.0 | | | | |
| | HLK ₂ -B6.4*20 | 20 | 10.0-14.0 | | | | |
| | HLK ₂ -B6.4*25 | 25 | 14.0-18.0 | | | | |
| | HLK ₂ -B6.4*30 | 30 | 18.0-23.0 | | | | |



 3000 N  4500 N


A03 Stainless Steel/Steel Open End



| D | P/N | L +1 |  | D _s | K Max | D _m Max | Drill  |
|------------------------------|-----------|---------|---|----------------|----------|-----------------------|--|
| 3.2 +0.08 -0.15 | HBK3.2*6 | 6 | 0.5-3.0 | 6.7 -0.9 | 1.3 | 2.5 | 3.3 |
| | HBK3.2*8 | 8 | 3.0-5.0 | | | | |
| | HBK3.2*10 | 10 | 5.0-6.5 | | | | |
| | HBK3.2*12 | 12 | 6.5-8.5 | | | | |
| | HBK3.2*14 | 14 | 8.5-10.5 | | | | |
| | HBK3.2*16 | 16 | 10.5-12.5 | | | | |

 1900 N



 2500 N


| D | P/N | L +1 |  | D _s | K Max | D _m Max | Drill  |
|------------------------------|-----------|---------|---|---------------------|----------|-----------------------|--|
| 4.0 +0.08 -0.15 | HBK4.0*6 | 6 | 1.0-2.5 | 8.0 +0.4 -1.0 | 1.7 | 2.75 | 4.1 |
| | HBK4.0*8 | 8 | 2.5-4.5 | | | | |
| | HBK4.0*10 | 10 | 4.5-6.5 | | | | |
| | HBK4.0*12 | 12 | 6.5-8.5 | | | | |
| | HBK4.0*14 | 14 | 8.5-10.0 | | | | |
| | HBK4.0*16 | 16 | 10.0-12.0 | | | | |
| | HBK4.0*18 | 18 | 12.0-14.0 | | | | |
| | HBK4.0*20 | 20 | 14.0-16.0 | | | | |
| | HBK4.0*25 | 25 | 16.0-21.0 | | | | |

 2700 N



 3500 N


Stainless Steel/Steel Open End

| D | P/N | L +1 |  | D _s | K Max | D _m Max | Drill  |
|------------------------------|-----------|-----------|---|----------------|----------|-----------------------|--|
| 4.8 +0.08 -0.15 | HBK4.8*8 | 8 | 1.5-4.0 | 10.0 -1.5 | 2 | 3.2 | 4.9 |
| | HBK4.8*10 | 10 | 4.0-6.0 | | | | |
| | HBK4.8*12 | 12 | 6.0-8.0 | | | | |
| | HBK4.8*14 | 14 | 7.0-9.5 | | | | |
| | HBK4.8*16 | 16 | 8.0-11.0 | | | | |
| | HBK4.8*18 | 18 | 11.0-13.0 | | | | |
| | HBK4.8*20 | 20 | 13.0-16.0 | | | | |
| | HBK4.8*25 | 25 | 16.0-19.0 | | | | |
| HBK4.8*30 | 30 | 20.0-25.0 | | | | | |

 4000 N

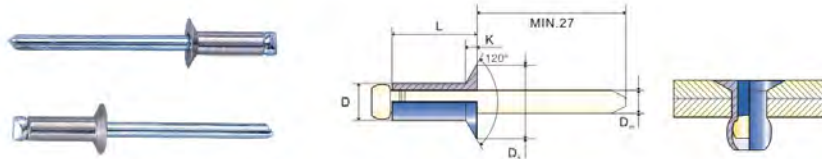
 5000 N


| D | P/N | L +1 |  | D _s | K Max | D _m Max | Drill  |
|------------------------------|-----------|---------|---|----------------|----------|-----------------------|--|
| 6.4 +0.08 -0.15 | HBK6.4*10 | 10 | 2.5-6.0 | 13 -1.2 | 2.5 | 3.9 | 6.5 |
| | HBK6.4*12 | 12 | 4.0-7.0 | | | | |
| | HBK6.4*14 | 14 | 6.0-9.0 | | | | |
| | HBK6.4*16 | 16 | 7.5-11.0 | | | | |
| | HBK6.4*18 | 18 | 9.0-13.0 | | | | |
| | HBK6.4*20 | 20 | 12.0-14.0 | | | | |
| | HBK6.4*25 | 25 | 14.0-19.0 | | | | |
| | HBK6.4*30 | 30 | 22.0-24.0 | | | | |

 6500 N

 8850 N


A04 Stainless Steel/Steel Open End Countersunk Head



| D | P/N | L +1 | | D ₁ | K Max | D _m Max | Drill |
|-----------------------|------------------------|---------|-----------|----------------|----------|-----------------------|-----------|
| 3.2 +0.08 -0.15 | HBK _{3.2} *6 | 6 | 1.5-3.0 | 6.7 -0.9 | 1.3 | 2.15 | 3.3 |
| | HBK _{3.2} *8 | 8 | 3.0-5.0 | | | | |
| | HBK _{3.2} *10 | 10 | 5.0-6.5 | | | | |
| | HBK _{3.2} *12 | 12 | 6.5-8.5 | | | | |
| | HBK _{3.2} *14 | 14 | 8.5-10.5 | | | | |
| | HBK _{3.2} *16 | 16 | 10.0-12.5 | | | | |

1900 N 2500 N

| D | P/N | L +1 | | D ₁ | K Max | D _m Max | Drill |
|-----------------------|------------------------|---------|-----------|---------------------|----------|-----------------------|-----------|
| 4.0 +0.08 -0.15 | HBK _{4.0} *6 | 6 | 2.0-3.0 | 8.0 +0.4 -1.0 | 1.7 | 2.75 | 4.1 |
| | HBK _{4.0} *8 | 8 | 2.5-4.5 | | | | |
| | HBK _{4.0} *10 | 10 | 4.5-6.5 | | | | |
| | HBK _{4.0} *12 | 12 | 6.5-8.5 | | | | |
| | HBK _{4.0} *14 | 14 | 8.5-10.0 | | | | |
| | HBK _{4.0} *16 | 16 | 10.0-12.0 | | | | |

2700 N 3500 N

Stainless Steel/Steel Open End Countersunk Head

| D | P/N | L +1 | | D ₁ | K Max | D _m Max | Drill |
|------------------------|------------------------|-----------|-----------|----------------|----------|-----------------------|-----------|
| 4.8 +0.08 -0.15 | HBK _{4.8} *8 | 8 | 2.5-4.0 | 10.0 -1.5 | 2 | 3.2 | 4.9 |
| | HBK _{4.8} *10 | 10 | 4.0-6.0 | | | | |
| | HBK _{4.8} *12 | 12 | 6.0-8.0 | | | | |
| | HBK _{4.8} *14 | 14 | 7.0-9.5 | | | | |
| | HBK _{4.8} *16 | 16 | 8.0-11.0 | | | | |
| | HBK _{4.8} *18 | 18 | 11.0-13.0 | | | | |
| | HBK _{4.8} *20 | 20 | 13.0-15.0 | | | | |
| HBK _{4.8} *25 | 25 | 15.0-19.0 | | | | | |

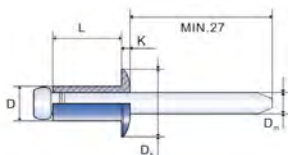
4000 N 5000 N



| D | P/N | L +1 | | D ₁ | K Max | D _m Max | Drill |
|-----------------------|------------------------|---------|-----------|----------------|----------|-----------------------|-----------|
| 6.4 +0.08 -0.15 | HBK _{6.4} *10 | 10 | 3.0-6.0 | 13 -1.2 | 2.5 | 3.9 | 6.5 |
| | HBK _{6.4} *12 | 12 | 4.0-7.0 | | | | |
| | HBK _{6.4} *14 | 14 | 6.0-9.0 | | | | |
| | HBK _{6.4} *16 | 16 | 7.5-11.0 | | | | |
| | HBK _{6.4} *18 | 18 | 9.0-13.0 | | | | |
| | HBK _{6.4} *20 | 20 | 12.0-14.0 | | | | |
| | HBK _{6.4} *25 | 25 | 14.0-19.0 | | | | |
| | HBK _{6.4} *30 | 30 | 22.0-24.0 | | | | |

6500 N 8850 N


A05



Stainless Steel/Stainless Steel Open End

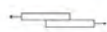


| D | P/N | L +1 |  | D ₁ | K Max | D _m Max | Drill  |
|------------------------------|-------------|---------|---|----------------|----------|-----------------------|--|
| 3.2 +0.08 -0.15 | HBK-B3.2*6 | 6 | 0.5-3.0 | 6.7 -0.9 | 1.3 | 2.5 | 3.3 |
| | HBK-B3.2*8 | 8 | 3.0-5.0 | | | | |
| | HBK-B3.2*10 | 10 | 5.0-6.5 | | | | |
| | HBK-B3.2*12 | 12 | 6.5-8.5 | | | | |
| | HBK-B3.2*14 | 14 | 8.5-10.5 | | | | |
| | HBK-B3.2*16 | 16 | 10.5-12.5 | | | | |

 1900 N



 2500 N


| D | P/N | L +1 |  | D ₁ | K Max | D _m Max | Drill  |
|------------------------------|-------------|---------|---|---------------------|----------|-----------------------|--|
| 4.0 +0.08 -0.15 | HBK-B4.0*6 | 6 | 1.0-2.5 | 8.0 +0.4 -1.0 | 1.7 | 2.75 | 4.1 |
| | HBK-B4.0*8 | 8 | 2.5-4.5 | | | | |
| | HBK-B4.0*10 | 10 | 4.5-6.5 | | | | |
| | HBK-B4.0*12 | 12 | 6.5-8.5 | | | | |
| | HBK-B4.0*14 | 14 | 8.5-10.0 | | | | |
| | HBK-B4.0*16 | 16 | 10.0-12.0 | | | | |
| | HBK-B4.0*18 | 18 | 12.0-14.0 | | | | |
| | HBK-B4.0*20 | 20 | 14.0-16.0 | | | | |
| | HBK-B4.0*25 | 25 | 16.0-21.0 | | | | |

 2700 N



 3500 N


Stainless Steel/Stainless Steel Open End

| D | P/N | L +1 |  | D ₁ | K Max | D _m Max | Drill  |
|------------------------------|-------------|-----------|---|----------------|----------|-----------------------|--|
| 4.8 +0.08 -0.15 | HBK-B4.8*8 | 8 | 1.5-4.0 | 10.0 -1.5 | 2 | 3.2 | 4.9 |
| | HBK-B4.8*10 | 10 | 4.0-6.0 | | | | |
| | HBK-B4.8*12 | 12 | 6.0-8.0 | | | | |
| | HBK-B4.8*14 | 14 | 7.0-9.5 | | | | |
| | HBK-B4.8*16 | 16 | 8.0-11.0 | | | | |
| | HBK-B4.8*18 | 18 | 11.0-13.0 | | | | |
| | HBK-B4.8*20 | 20 | 13.0-16.0 | | | | |
| | HBK-B4.8*25 | 25 | 16.0-19.0 | | | | |
| HBK-B4.8*30 | 30 | 20.0-25.0 | | | | | |

 4000 N

 5000 N

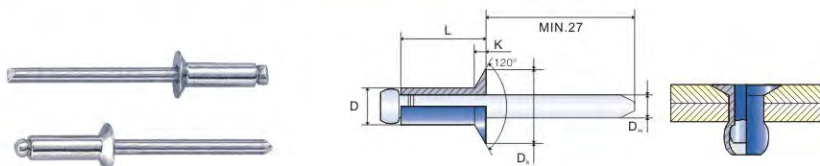

| D | P/N | L +1 |  | D ₁ | K Max | D _m Max | Drill  |
|------------------------------|-------------|---------|---|----------------|----------|-----------------------|--|
| 6.4 +0.08 -0.15 | HBK-B6.4*10 | 10 | 2.5-6.0 | 13 -1.2 | 2.5 | 3.9 | 6.5 |
| | HBK-B6.4*12 | 12 | 4.0-7.0 | | | | |
| | HBK-B6.4*14 | 14 | 6.0-9.0 | | | | |
| | HBK-B6.4*16 | 16 | 7.5-11.0 | | | | |
| | HBK-B6.4*18 | 18 | 9.0-13.0 | | | | |
| | HBK-B6.4*20 | 20 | 12.0-14.0 | | | | |
| | HBK-B6.4*25 | 25 | 14.0-19.0 | | | | |
| | HBK-B6.4*30 | 30 | 22.0-24.0 | | | | |

 6500 N

 8850 N


A06

Stainless Steel/Stainless Steel Open End Countersunk Head



| D | P/N | L +1 | | D _k | K Max | D _m Max | Drill |
|------------------------------|---------------------------|---------|-----------|----------------|----------|-----------------------|-----------|
| 3.2 +0.08 -0.15 | HBK ₂ -B3.2*6 | 6 | 1.5-3.0 | 6.7 -0.9 | 1.3 | 2.15 | 3.3 |
| | HBK ₂ -B3.2*8 | 8 | 3.0-5.0 | | | | |
| | HBK ₂ -B3.2*10 | 10 | 5.0-6.5 | | | | |
| | HBK ₂ -B3.2*12 | 12 | 6.5-8.5 | | | | |
| | HBK ₂ -B3.2*14 | 14 | 8.5-10.5 | | | | |
| | HBK ₂ -B3.2*16 | 16 | 10.0-12.5 | | | | |

1900 N

2500 N

| D | P/N | L +1 | | D _k | K Max | D _m Max | Drill |
|------------------------------|---------------------------|---------|-----------|---------------------|----------|-----------------------|-----------|
| 4.0 +0.08 -0.15 | HBK ₂ -B4.0*6 | 6 | 2.0-3.0 | 8.0 +0.4 -1.0 | 1.7 | 2.75 | 4.1 |
| | HBK ₂ -B4.0*8 | 8 | 2.5-4.5 | | | | |
| | HBK ₂ -B4.0*10 | 10 | 4.5-6.5 | | | | |
| | HBK ₂ -B4.0*12 | 12 | 6.5-8.5 | | | | |
| | HBK ₂ -B4.0*14 | 14 | 8.5-10.0 | | | | |
| | HBK ₂ -B4.0*16 | 16 | 10.0-12.0 | | | | |

2700 N

3500 N

Stainless Steel/Stainless Steel Open End Countersunk Head

| D | P/N | L +1 | | D _k | K Max | D _m Max | Drill |
|------------------------------|---------------------------|-----------|-----------|----------------|----------|-----------------------|-----------|
| 4.8 +0.08 -0.15 | HBK ₂ -B4.8*8 | 8 | 2.5-4.0 | 10.0 -1.5 | 2 | 3.2 | 4.9 |
| | HBK ₂ -B4.8*10 | 10 | 4.0-6.0 | | | | |
| | HBK ₂ -B4.8*12 | 12 | 6.0-8.0 | | | | |
| | HBK ₂ -B4.8*14 | 14 | 7.0-9.5 | | | | |
| | HBK ₂ -B4.8*16 | 16 | 8.0-11.0 | | | | |
| | HBK ₂ -B4.8*18 | 18 | 11.0-13.0 | | | | |
| | HBK ₂ -B4.8*20 | 20 | 13.0-15.0 | | | | |
| HBK ₂ -B4.8*25 | 25 | 15.0-19.0 | | | | | |

4000 N

5000 N

| D | P/N | L +1 | | D _k | K Max | D _m Max | Drill |
|------------------------------|---------------------------|---------|-----------|----------------|----------|-----------------------|-----------|
| 6.4 +0.08 -0.15 | HBK ₂ -B6.4*10 | 10 | 3.0-6.0 | 13 -1.2 | 2.5 | 3.9 | 6.5 |
| | HBK ₂ -B6.4*12 | 12 | 4.0-7.0 | | | | |
| | HBK ₂ -B6.4*14 | 14 | 6.0-9.0 | | | | |
| | HBK ₂ -B6.4*16 | 16 | 7.5-11.0 | | | | |
| | HBK ₂ -B6.4*18 | 18 | 9.0-13.0 | | | | |
| | HBK ₂ -B6.4*20 | 20 | 12.0-14.0 | | | | |
| | HBK ₂ -B6.4*25 | 25 | 14.0-19.0 | | | | |
| | HBK ₂ -B6.4*30 | 30 | 22.0-24.0 | | | | |

6500 N

8850 N