



# HONSEL

The Art of **Fastening**

**90**  
YEARS  
1930-2020

**HONSEL Classics.**  
Professional hydraulic  
and pneumatic tools.



**PNEUMATIC-HYDRAULIC  
RIVET TOOLS**



## BZ 103A

The latest version of the thousandfold proven standard tool for reliable blind rivet working.

### A real classic.

Low-noise. with **outstanding ergonomics** and **all necessary conversion parts included in a high-quality packaging**.

**Individually adjustable suction** of the mandrel.

### Blind rivets

| 2.4             | 3.0 | 3.2 | 4.0 | 4.8 | 5.0 | 6.0 | 6.4 | 8.0 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Aluminium       |     |     |     |     |     |     |     |     |
| Steel           |     |     |     |     |     |     |     |     |
| Stainless steel |     |     |     |     |     |     |     |     |
| Copper alloys   |     |     |     |     |     |     |     |     |



## BZ 123A

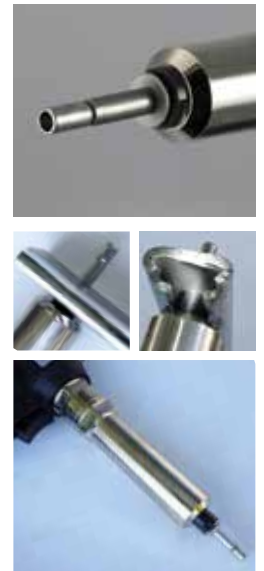
**The powerful tool for blind rivets up to 8 mm diameter!**

Perfectly suited for working high-strength FERRO®-BOLT blind rivets because of **long stroke**.

**Low-noise**. like all pneumatic-hydraulic Honsel-tools. with **outstanding ergonomics**. **extensive scope of supply**. Many special accessory parts available. Individual adjustments possible.

### Blind rivets

| 2.4             | 3.0 | 3.2 | 4.0 | 4.8 | 5.0 | 6.0 | 6.4 | 8.0 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Aluminium       |     |     |     |     |     |     |     |     |
| Steel           |     |     |     |     |     |     |     |     |
| Stainless steel |     |     |     |     |     |     |     |     |
| Copper alloys   |     |     |     |     |     |     |     |     |



|                          |            |
|--------------------------|------------|
| Weight                   | 1.8 kg     |
| Working stroke           | 18 mm      |
| Working power            | 11,700 N   |
| Noise                    | 68.3 dB(A) |
| Pressure                 | 5-7 bar    |
| Air consumption          | 2.4 liter  |
| Max. diameter of mandrel | 3.8 mm     |

|                          |            |
|--------------------------|------------|
| Weight                   | 2.3 kg     |
| Working stroke           | 25 mm      |
| Working power            | 18,700 N   |
| Noise                    | 68.3 dB(A) |
| Pressure                 | 5-7 bar    |
| Air consumption          | 3.5 liter  |
| Max. diameter of mandrel | 4.8 mm     |

## Family Facts



Large, sturdy collecting bottle for sheared blind rivet mandrels.



Multiple compressed air connections to ensure the right working position for right-handed and left-handed users at all times.



## BZ 133A

**The powerful specialist** for high-strength blind rivets up to 8 mm diameter!

High-strength FERRO®-BULB blind rivets are being set very comfortable and reliably through the combination of normal stroke, very high setting force (24,000 N) and clamping jaws that are optimized for the mandrel's grooving.

### Blind rivets

| 2.4 | 3.0 | 3.2 | 4.0 | 4.8             | 5.0 | 6.0 | 6.4 | 8.0 |  |
|-----|-----|-----|-----|-----------------|-----|-----|-----|-----|--|
|     |     |     |     | Aluminium       |     |     |     |     |  |
|     |     |     |     | Steel           |     |     |     |     |  |
|     |     |     |     | Stainless steel |     |     |     |     |  |
|     |     |     |     | Copper alloys   |     |     |     |     |  |



## BZ 143A

**Perfect** for high-strength blind rivets of 6.4 and 7.8 mm diameter with grooved mandrel!

Specially designed for this creasing, the clamping jaws with trapezoidal grooving and a modified clamping mechanism guarantee a secure, positive-locking processing of FERRO®-BULB high-strength rivets with a mandrel diameter up to 6.5 mm! The wear of the clamping jaws is reduced to a minimum.

### Blind rivets

| 2.4 | 3.0 | 3.2 | 4.0 | 4.8 | 5.0 | 6.0 | 6.4             | 8.0 |
|-----|-----|-----|-----|-----|-----|-----|-----------------|-----|
|     |     |     |     |     |     |     | Aluminium       |     |
|     |     |     |     |     |     |     | Steel           |     |
|     |     |     |     |     |     |     | Stainless steel |     |



|                                 |            |
|---------------------------------|------------|
| <b>Weight</b>                   | 2.3 kg     |
| <b>Working stroke</b>           | 18 mm      |
| <b>Working power</b>            | 24,000 N   |
| <b>Noise</b>                    | 68.3 dB(A) |
| <b>Pressure</b>                 | 5-7 bar    |
| <b>Air consumption</b>          | 3.5 liter  |
| <b>Max. diameter of mandrel</b> | 4.8 mm     |

|                                 |            |
|---------------------------------|------------|
| <b>Weight</b>                   | 2.5 kg     |
| <b>Working stroke</b>           | 18 mm      |
| <b>Working power</b>            | 24,000 N   |
| <b>Noise</b>                    | 68.3 dB(A) |
| <b>Pressure</b>                 | 5-7 bar    |
| <b>Air consumption</b>          | 3.5 liter  |
| <b>Max. diameter of mandrel</b> | 6.5 mm     |



Integrated hanger bracket for working with balancer.



Individual setting possibilities for the extractor.

Nosepieces stored directly in the base of the tool.



# VNG 703

The force-controlled tool for fast handling of large numbers in serial manufacture.

The regulation through adjusting the necessary setting force guarantees that the blind rivet nut is always set in an **optimal and material-preserving** way. The switch from forward to backrun is extremely quick. Through light pressing on the mandrel the blind rivet nut is screwed on and after working screwed off automatically.

## Blind rivet nuts

| M3              | M4        | M5 | M6 | M8 | M10 | M12 |
|-----------------|-----------|----|----|----|-----|-----|
|                 | Aluminium |    |    |    |     |     |
| Steel           |           |    |    |    |     |     |
| Stainless steel |           |    |    |    |     |     |

## Blind rivet studs

|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| Steel |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|



**FORCE CONTROLLED**

# VNG 903

The stroke-controlled solution for big challenges optional to M12.

The mature design and the possibilities of individual adjustment turns the VNG 903 into a perfect partner for powerful reliable handling of all well-established blind rivet nuts. These are **automatically beaded** onto the mandrel by light pressure. The beading stops automatically as well, the unstringing time is adjustable.

## Blind rivet nuts

| M3              | M4        | M5 | M6 | M8 | M10 | M12      |
|-----------------|-----------|----|----|----|-----|----------|
|                 | Aluminium |    |    |    |     | optional |
| Steel           |           |    |    |    |     | optional |
| Stainless steel |           |    |    |    |     | optional |

## Blind rivet studs

|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| Steel |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|



**STROKE CONTROLLED**

**Weight** 2.5 kg  
**Working stroke** 9 mm  
**Working power** 20,000 N  
**Noise** 68.3 dB(A)  
**Pressure** 5-7 bar  
**Air consumption** 4.4 liter  
**Drehzahl (Auf-|Abschauben)** 1,800|2,500 U/Min.

**Weight** 2.7 kg  
**Working stroke** 7 mm  
**Working power** 29,000 N  
**Noise** 68.3 dB(A)  
**Pressure** 5-7 bar  
**Air consumption** 7.5 liter  
**Drehzahl (Auf-|Abschauben)** 1,800|2,500 U/Min.



Very flat standard noepieces for optimum setting.



Cover cap for reliable blind rivet setting without mandrel container.



# VNG 753

The special tool for SFM-PL folding blind rivet nuts. Through the very large stroke of up to 15 mm and accordingly extended mandrels these can be handled perfectly and easy. Convince yourself from the capability of our pneumatic-hydraulic setting tools.

## Blind rivet nuts

| M3       | M4 | M5 | M6    | M8 | M10      | M12 |
|----------|----|----|-------|----|----------|-----|
| optional |    |    | Steel |    | optional |     |



|                                   |                    |
|-----------------------------------|--------------------|
| <b>Weight</b>                     | 2.9 kg             |
| <b>Working stroke</b>             | 8-15 mm            |
| <b>Working power</b>              | 19.000 N           |
| <b>Noise</b>                      | 68.3 dB(A)         |
| <b>Pressure</b>                   | 5-7 bar            |
| <b>Air consumption</b>            | 7.5 liter          |
| <b>Drehzahl (Auf- Abschauben)</b> | 1.800 2.500 U/Min. |

## Family Facts



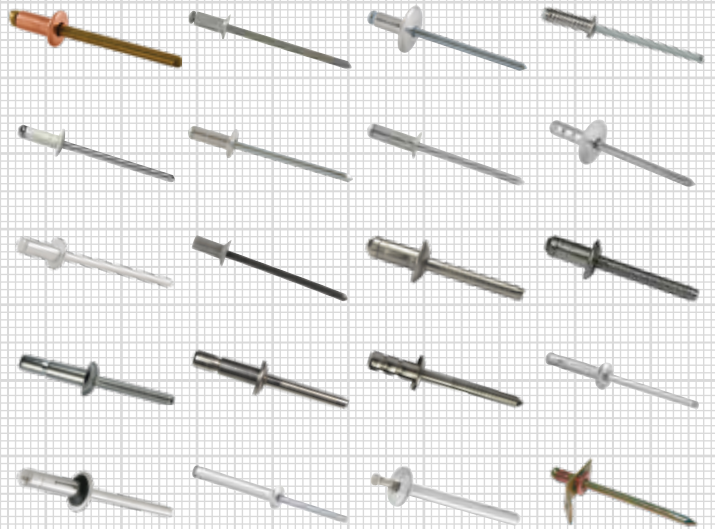
High-quality, durable plastic housing.

# HONSEL All from one source

The choice of rivet processing tools and the blind rivet fastening element should be matched exactly to each other! In addition to the riveting tools shown here, we supply more than 2.000 catalogue articles and with a total of up to 30.000 dimensions and designs a comprehensive range of blind rivets, blind rivet nuts and blind rivet bolts. Supplemented and complemented by sheet metal fasteners and coils.

Please contact us or our trade partners - we will find the perfect combination of blind rivet tool and blind rivet fastener for your application!

## Blind rivets



## Blind rivet nuts



## Blind rivet studs



## Self clinching parts



# HONSEL



Blind rivets



Blind rivet nuts



Blind rivet studs



HONSELcoils



Self-clinching elements



Powertrain fasteners



Bolts and sleeves



Special parts



Manual riveters



Pneumatic riveters



Battery riveters



Automation components



Process monitoring

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