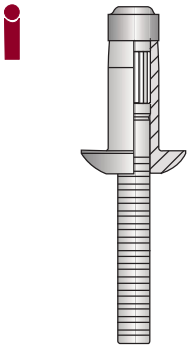


Structural Blind Rivet Fero®-Bulb

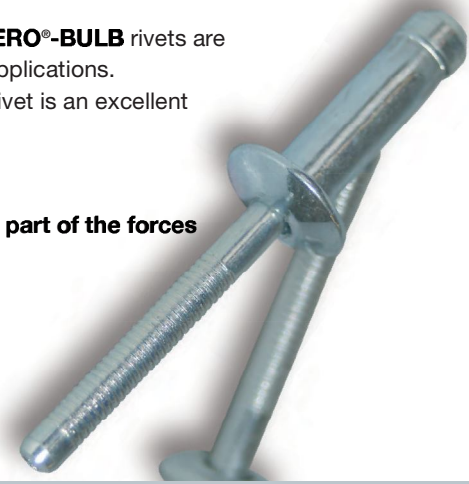
FERO®-BULB



By the combination of the following properties the HONSEL-/AVG **FERO®-BULB** rivets are recommended as a high grade joint element for a host of industrial applications. Particularly in the field of vehicle and tank construction, this type of rivet is an excellent choice.

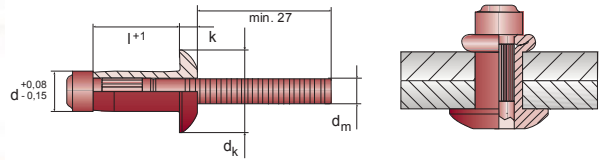
FERO®-BULB blind rivets feature the following characteristics:

- **very high shear strength through a captive mandrel that absorbs part of the forces**
- **large setting head** which folds during the setting process
- captive **mandrel locks** vibration proof **inside the rivet**
- dust proof and **splash waterproof**
- **high clamping force** onto components



Structural Blind Rivet FERO®-BULB

Aluminium / Aluminium Dome Head -open-



d	l ₊₁	$\frac{d}{\pm}$	d _k	k	d _m	No.	
6,4	10,5	2,8 – 4,8	13,5	3,3	4,2	10.790.064.105	250

6,6 mm 4200 N 3100 N

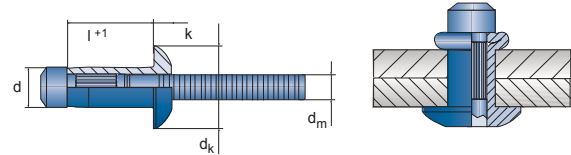
d	l ₊₁	$\frac{d}{\pm}$	d _k	k	d _m	No.	
6,4	14,5	6,8 – 8,8	13,5	3,3	4,2	10.790.064.145	250

6,6 mm 4600 N 3100 N



Structural Blind Rivet FERO®-BULB

Steel / Steel Dome Head -open-



d	l ₊₁	$\frac{d}{\pm}$	d _k	k	d _m	No.	
3,2	7,0	1,0 – 3,0	6,8	1,4	2,1	10.792.032.070	500

3,3 - 3,4 mm 1200 N 1300 N

d	l ₊₁	$\frac{d}{\pm}$	d _k	k	d _m	No.	
3,2	9,5	3,0 – 5,0	6,8	1,4	2,1	10.792.032.095	500

3,3 - 3,4 mm 1700 N 1300 N

d	l ₊₁	$\frac{d}{\pm}$	d _k	k	d _m	No.	
3,2	11,5	5,0 – 7,0	6,8	1,4	2,1	10.792.032.115	500

3,3 - 3,4 mm 2500 N 1300 N

d	l ₊₁	$\frac{d}{\pm}$	d _k	k	d _m	No.	
4,0	7,5	1,0 – 3,0	8,0	1,5	2,6	10.792.040.075	500

4,1 - 4,3 mm 2400 N 2800 N

d	l ₊₁	$\frac{d}{\pm}$	d _k	k	d _m	No.	
4,0	9,5	3,0 – 5,0	8,0	1,5	2,6	10.792.040.095	500

4,1 - 4,3 mm 3500 N 2800 N

d	l ₊₁	$\frac{d}{\pm}$	d _k	k	d _m	No.	
4,0	12,5	5,0 – 7,0	8,0	1,5	2,6	10.792.040.125	500

4,1 - 4,3 mm 4100 N 2800 N

Structural Blind Rivet FERRO®-BULB



d	l _{max}		d _k	k	d _m	No.	
4,8	9,0	1,5 - 3,5	9,6	1,5	3,1	10.792.048.090	500

4,9 - 5,1 mm 3600 N 3800 N

4,8	11,5	3,5 - 6,0	9,6	1,5	3,1	10.792.048.115	500
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4,9 - 5,1 mm 4200 N 3800 N

4,8	14,5	6,0 - 8,5	9,6	1,5	3,1	10.792.048.145	250
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4,9 - 5,1 mm 5600 N 3800 N

6,4	9,0	1,5 - 3,5	13,4	2,7	3,9	10.792.064.090	250
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6,7 - 6,9 mm 10000 N 7800 N

6,4	10,5	2,8 - 4,8	13,4	2,7	3,9	10.792.064.105	250
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6,7 - 6,9 mm 11000 N 7800 N

d	l ₊₁		d _k	k	d _m	No.	
6,4	12,5	4,8 - 6,8	13,4	2,7	3,9	10.792.064.125	250

6,7 - 6,9 mm 12500 N 7800 N

6,4	14,5	6,8 - 8,8	13,4	2,7	3,9	10.792.064.145	250
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6,7 - 6,9 mm 13000 N 7800 N

6,4	16,5	8,8 - 10,8	13,4	2,7	3,9	10.792.064.165	250
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6,7 - 6,9 mm 14500 N 7800 N

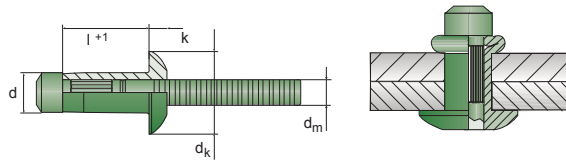
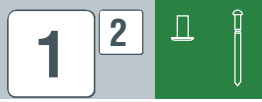
6,4	18,5	10,8 - 12,8	13,4	2,7	3,9	10.792.064.185	250
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6,7 - 6,9 mm 15000 N 7800 N

Countersunk head available on request from stock.

FERRO®-BULB

Structural Blind Rivet FERRO®-BULB



Stainless Steel / Stainless Steel
Dome Head - open-

d	l ₊₁		d _k	k	d _m	No.	
3,2	7,0	1,0 - 3,0	6,6	1,1	2,1	10.791.032.070	500

3,3 - 3,4 mm 1600 N 2000 N

3,2	9,5	3,0 - 5,0	6,6	1,1	2,1	10.791.032.095	500
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3,3 - 3,4 mm 1700 N 2000 N

3,2	11,5	5,0 - 7,0	6,6	1,1	2,1	10.791.032.115	500
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3,3 - 3,4 mm 3200 N 2000 N

4,0	7,5	1,0 - 3,0	8,0	1,5	2,6	10.791.040.075	500
	10,0	3,0 - 5,0				10.791.040.100	500
	12,5	5,0 - 7,0				10.791.040.125	500

4,1 - 4,3 mm 5200 N 4000 N

4,8	10,0	1,5 - 3,5	9,6	1,5	3,2	10.791.048.100	500
	12,5	3,5 - 6,0				10.791.048.125	500
	15,5	6,0 - 8,5				10.791.048.155	250

4,9 - 5,1 mm 5500 N 5000 N

d	l ₊₁		d _k	k	d _m	No.	
6,4	9,0	1,5 - 3,5	13,4	2,7	3,9	10.791.064.090	250

6,7 - 6,9 mm 11000 N 8800 N

6,4	10,5	2,8 - 4,8	13,4	2,7	3,9	10.791.064.105	250
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6,7 - 6,9 mm 11500 N 8800 N

6,4	12,5	4,8 - 6,8	13,4	2,7	3,9	10.791.064.125	250
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6,7 - 6,9 mm 12500 N 8800 N

6,4	14,5	6,8 - 8,8	13,4	2,7	3,9	10.791.064.145	250
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6,7 - 6,9 mm 13000 N 8800 N

6,4	16,5	8,8 - 10,8	13,4	2,7	3,9	10.791.064.165	250
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6,7 - 6,9 mm 14000 N 8800 N

6,4	18,5	10,8 - 12,8	13,4	2,7	3,9	10.791.064.185	250
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6,7 - 6,9 mm 15000 N 8800 N

For an optimized processing of our structural FERRO®-BULB blind rivets the pneumatic-hydraulic tool **BZ 133A** is available on request.

This tool offers a **perfect adjustment** of the stroke (18 mm) and the working power (24.000 N) combined with adapted clamping jaws to the grooves of the mandrel. This guarantees powerful handling with reduced abrasion.

