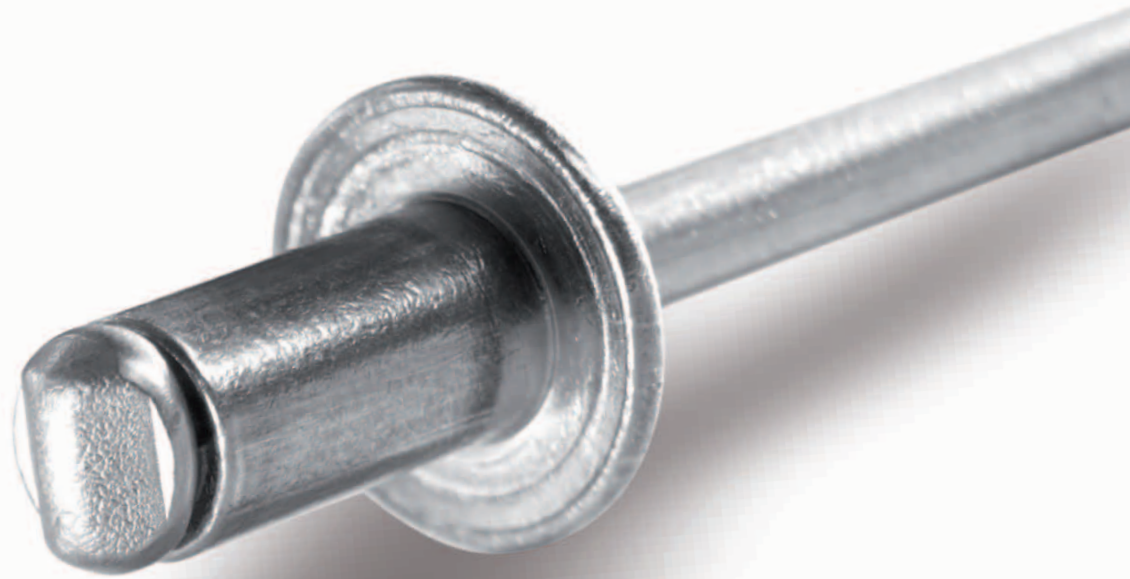


# BÖLLHOFF

**RIVQUICK®**

Standard and high-strength break stem rivets



# PASSION FOR SUCCESSFUL JOINING



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## RIVQUICK® – Function and advantages

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RIVQUICK® joining solutions are simple, sturdy and economical.

This proven technology allows permanent joining of thin parts and offers the advantage of blind riveting when access is possible from only one side.

The use of RIVQUICK® blind rivets requires no particular operator qualification and in certain cases it can be a very good alternative to welding or threaded joints when disassembly is not necessary.

### **Can be used on all materials**

Steel, magnesium, aluminium, plastic, composite, etc.  
Multimaterial joining is also possible, e.g. steel / plastic.

### **Corrosion protection**

After setting, there are no further finishing operations required, even with coated or painted parts.  
Special coatings and finishes are available on request (Anodization, Paint, etc.)

### **A simple, sturdy and proven joining system**

Optimum solution for hollow parts, boxes or sections when the joining point cannot be reached from the rear side.  
With break stem rivets, the setting quality does not depend on any adjustments of the setting tool. Proper setting is guaranteed only by the rupture of the rivet stem (no "maximum force" adjustment).

### **Preserved integrity of the joined materials**

Contrary to welding, there is no distortion or oxidation of the joined materials (no heat generation), thereby allowing finished or coated parts to be joined.

### **Economical**

A widespread solution commonly used in the industrial sector, especially thanks to its low cost.



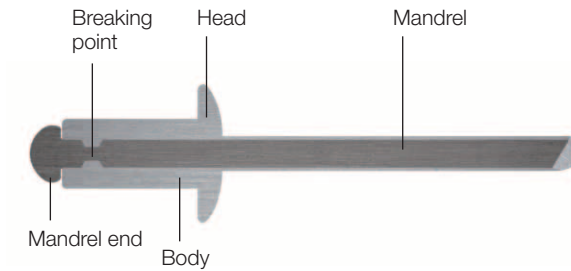
# RIVQUICK® – Working principle and setting

## Break stem rivet

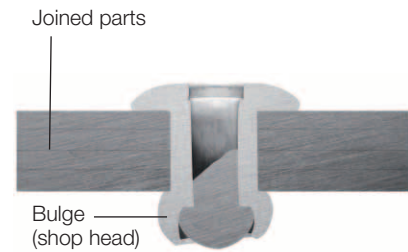
Break stem rivets are produced from durable materials and are made up of 2 components: the body and the mandrel.

During setting, the end of the body is squeezed and upset.

### RIVQUICK® standard rivet



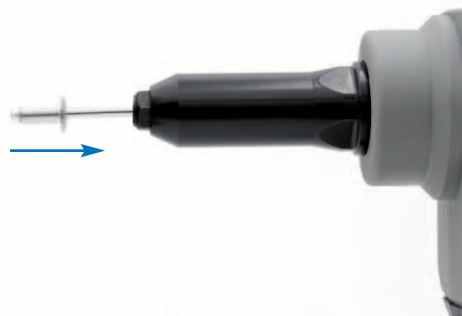
### RIVQUICK® standard rivet after setting



Setting a blind rivet is a simple operation:

Insert the rivet until contact with the parts to be joined, then set the rivet and you're done!

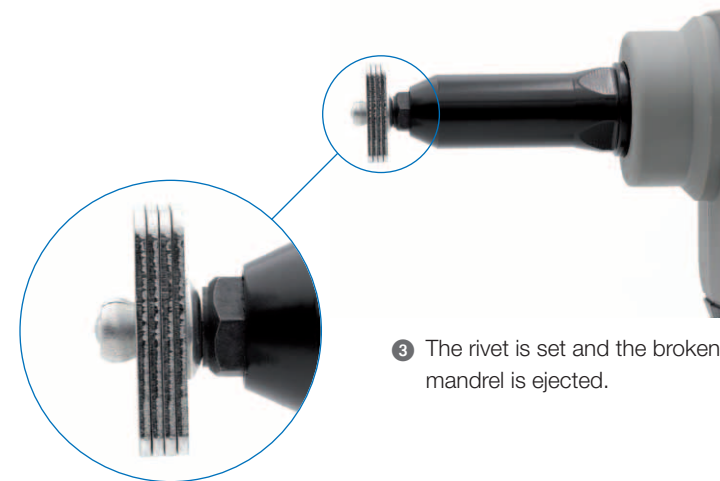
## Setting sequence



1 Place the rivet in the nose of the tool.



2 Place the rivet in the parts to be joined until all components are in contact with each other.

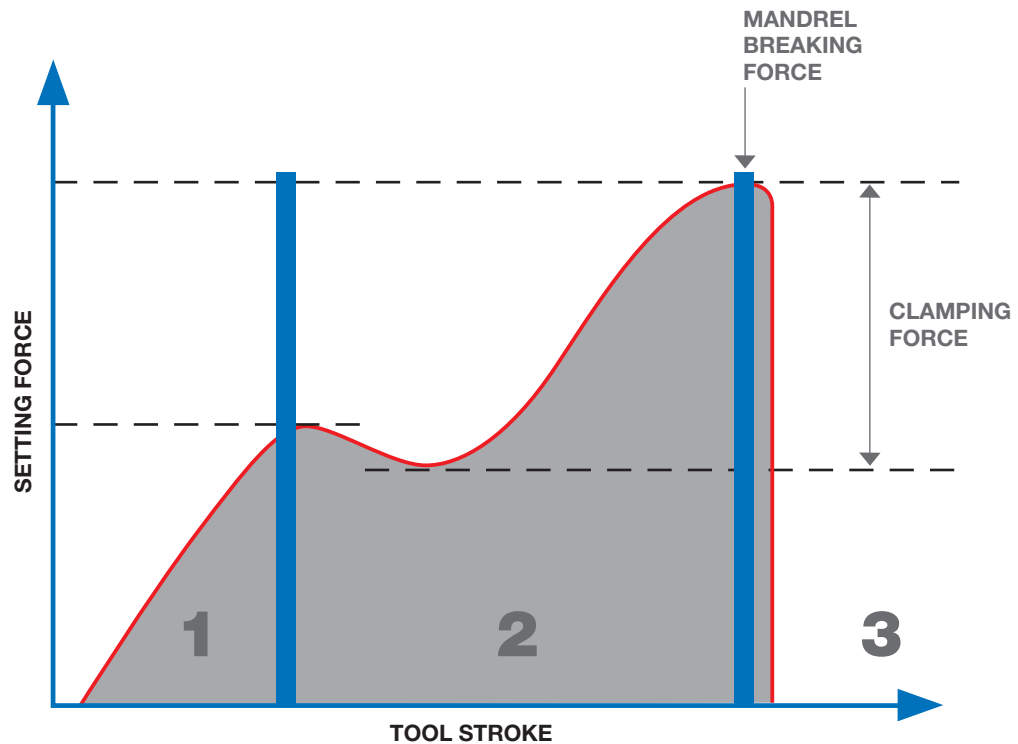


3 The rivet is set and the broken mandrel is ejected.

## Setting a RIVQUICK® blind rivet - Description

To set a rivet, the operator needs to use a setting tool, whether hand-operated, pneumatic or battery-powered. The setting tool should be selected based on the technical characteristics of the rivet to be set (type, size, materials, etc.), the environment and the production rate.

## Setting curve



First the rivet is placed in the nose of the setting tool, then it is inserted into the hole and the setting cycle can start. The setting sequence of a blind rivet includes three steps.

### 1: Prestressing of the rivet

At the beginning of the cycle, the nose piece of the setting tool locks the mandrel of the rivet, resulting in the distortion of the rivet body and prestressing of the rivet.

### 2: Distortion of the body and formation of the bulge

The distortion of the rivet body widens the bulge until it lies flat against the joined component.

### 3: Flattening of the bulge, clamping of the joint and shearing of the mandrel

The rivet is now set, the movement of the mandrel increases the clamping force in the joint until the mandrel breaks, thereby completing the setting operation.

# RIVQUICK® – Working principle and setting

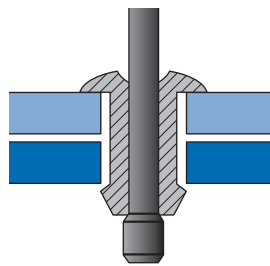
## Speed rivet

This joining technology increases the rivet setting rates to optimise productivity. With this system, several rivets are pre-loaded on a single mandrel, thereby avoiding the need for manual reloading every time a rivet is set. This semi-automatic fastening system allows continuous riveting at a rate of up to 70 rivets per minute.

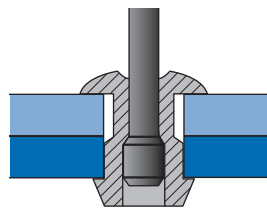
Speed rivets are used in various sectors, such as lighting, light metal fabrication, automotive and electronic sub-assemblies.



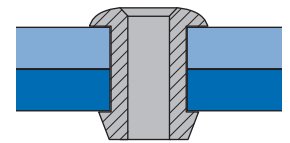
## Setting sequence



1 The mandrel loaded with the rivets is placed inside the hole.



2 The mandrel is pulled through the rivet, causing its expansion. The rivet is set.



3 The setting cycle is complete and the next rivet is presented automatically for a new setting cycle.

## Packaging and advantages

RIVQUICK® speed rivets can be supplied in 2 different packaging configurations:

- Rivets pre-loaded on disposable mandrels



- Rivets packed in a paper strip and set with a reusable mandrel



Böllhoff recommends the use of pre-loaded mandrels due to the many advantages:

- Quick installation in the riveting tool
- Only one part number to manage for the mandrel and the rivets
- Only one storage area (the same for the mandrel and the rivets)
- No paper waste from the packaging
- No risk of using a mandrel not suited to the rivets to be set (risk of quality defect)

**RIVQUICK® – Materials and surface treatments**

Break stem rivets and speed rivets are available in different types of products, materials and surface treatments.

**Table of available materials and surface treatments**

	Type	Material	Body material	Body surface treatment	Mandrel material	Mandrel surface treatment
<b>CLASSIC RIVETS</b>	Standard rivets	AL/ST	AlMg3.5	Polishing	Steel	Zinc
		AL/A2	Aluminium	Polishing	Stainless steel	Polishing
		AL/AL	Aluminium	Polishing	Aluminium	Polishing
		ST/ST	Steel	Zinc	Steel	Zinc
		A2/A2	Stainless steel	Polishing	Stainless steel	Polishing
		A4/A4	AISI 316 Cu	Polishing	AISI 316	Polishing
	Peel type rivets	AL/ST	Aluminium	Polishing	Steel	Zinc
	Slotted rivets	AL/AL	AlMg2.5	Polishing	Aluminium	Polishing
	Sealed type rivets	AL/ST	AlMg5	Polishing	Steel	Phosphating
		AL/A2	AlMg5	Polishing	Stainless steel	Polishing
		ST/ST	Steel	Zinc	Steel	Zinc
		A2/A2	AISI 304 Cu	Polishing	AISI 420	Polishing
	Multigrip rivets	AL/ST	AlMg2.5	Polishing	Steel	Zinc
		AL/A2	AlMg2.5	Polishing	Stainless steel	Polishing
		ST/ST	Steel	Zinc	Steel	Zinc
		A2/A2	Stainless steel	Polishing	Stainless steel	Polishing
	Coloured rivets	AL/ST	Aluminium	Painting	Steel	Zinc
AL/AL		Aluminium	Painting	Aluminium	Polishing	
Earthing rivets	CU/ST	Copper	–	Steel	Copper	
<b>STRUCTURAL RIVETS</b>	Varibulb	ST/ST	Steel	Zinc	Steel	Zinc
		A2/A2	Stainless steel	Polishing	Stainless steel	Polishing
	Varibolt	ST/ST	Steel	Zinc	Steel	Zinc
		A2/A2	Stainless steel	Polishing	Stainless steel	Polishing
	Varibolt Plus	ST/ST	Steel	Zinc	Steel	Zinc
		AL/AL	Aluminium	Polishing	Aluminium	Polishing
Varilock	ST/ST	Steel	Zinc	Steel	Zinc	
<b>SPEED RIVETS</b>	Varispeed	AL/ST	Aluminium	–	Steel	–
		ST/ST	Steel	–	Steel	–
		A2/ST	Stainless steel	–	Steel	–
	Varitop	AL/ST	Aluminium	–	Steel	–
		ST/ST	Steel	–	Steel	–
		A2/ST	Stainless steel	–	Steel	–
	Varitronic	AL/ST	Aluminium	–	Steel	–
		BR/ST	Brass	–	Steel	–
		BR/ST	Brass	–	Steel	–
	Variturn	ST/ST	Steel	–	Steel	–
Varisert	BR/ST	Brass	–	Steel	–	



# RIVQUICK® – Materials and surface treatments

Galvanic coupling is a phenomenon that must be taken into account when selecting suitable rivets for the materials to be joined.

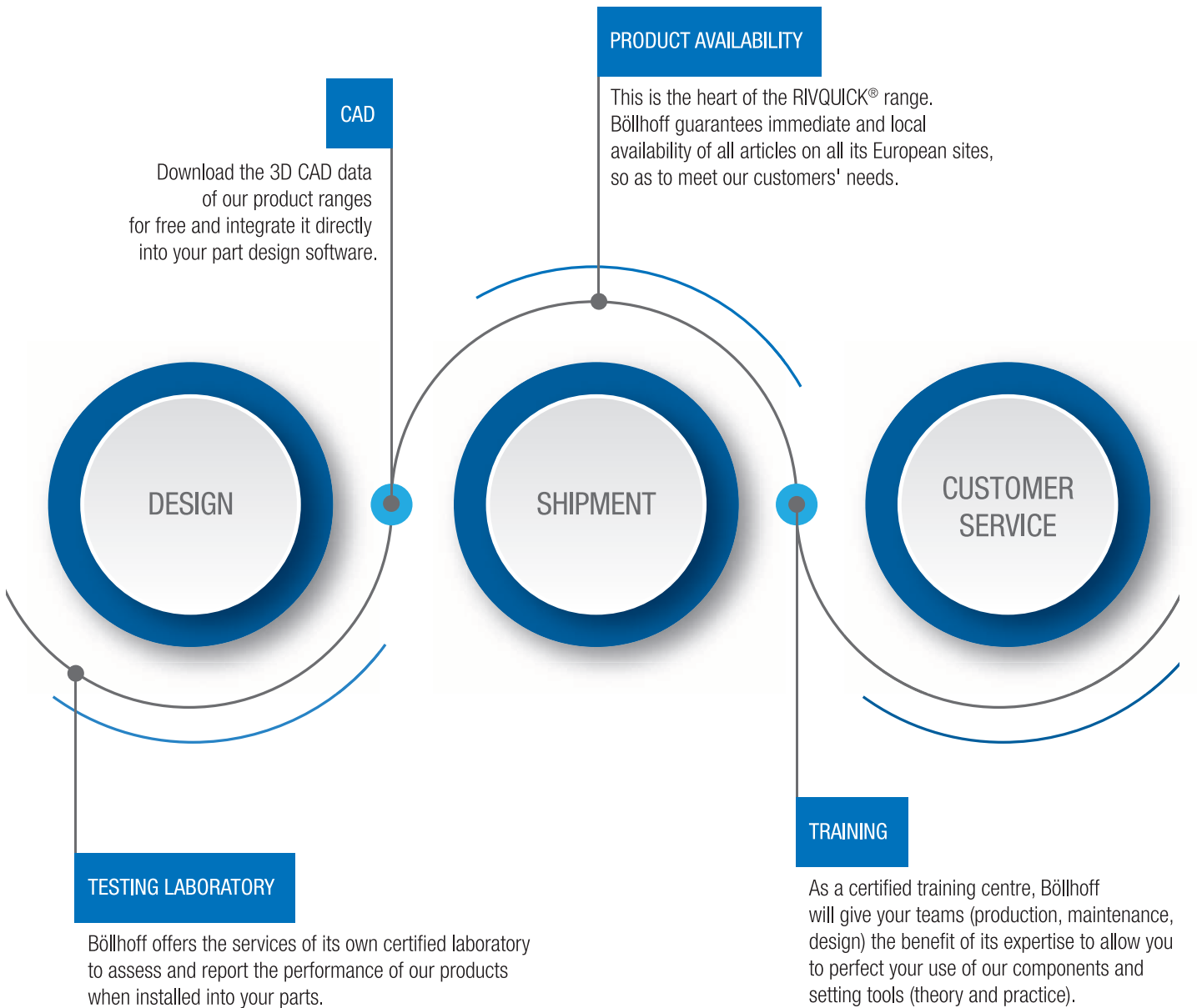
### Surface treatments

Different surface treatments are available, according to the desired performance (corrosion resistance, specific appearance or finish, etc.).

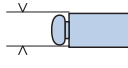
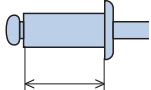
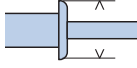
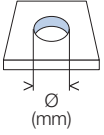




- Zinc electroplating (applied on steel and CuNi alloys, bodies and mandrels)
- Zinc-Nickel (for very high corrosion resistance)
- Anodising (creation of a coloured layer on the aluminium body)
- Lacquer (applied on all types of bodies; all RAL colours possible)
- Specific treatments on request

	Passivated austenitic stainless steel	Nickel-Copper	Brass	Copper-Nickel-Zinc	Unpassivated austenitic stainless steel	Steel	Zinc-Nickel	Aluminium alloy	Zinc	Magnesium
Passivated austenitic stainless steel	–	*	**	**	**	***	***	***	***	***
Nickel-Copper	*	–	*	**	**	**	***	***	***	***
Brass	**	*	–	*	*	**	**	**	***	***
Copper-Nickel-Zinc	**	**	*	–	*	*	*	*	**	***
Unpassivated austenitic stainless steel	**	**	*	*	–	*	*	*	**	***
Steel	***	**	**	*	*	–	*	*	**	***
Zinc-Nickel	***	***	**	*	*	*	–	*	**	***
Aluminium alloy	***	***	**	*	*	*	*	–	**	***
Zinc	***	***	***	**	**	**	**	**	–	***
Magnesium	***	***	***	***	***	***	***	***	***	–

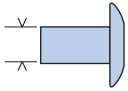
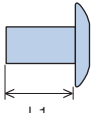
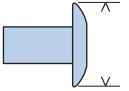


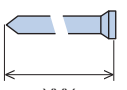
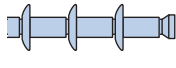

! Galvanic couple  
 \* No risk of corrosion    \*\* Low risk of corrosion    \*\*\* Risk of corrosion    \*\*\*\* High risk of corrosion



**RIVQUICK® – Symbol list**

			
<b>Body diameter</b>	<b>Body length</b>	<b>Head diameter</b>	<b>Shape and dimensions of the hole</b>
			
<b>Min. and max. grip range</b>	<b>Tensile strength</b>	<b>Shear strength</b>	<b>Pieces per box</b>

Additional symbols for speed rivets

			
<b>Body diameter</b>	<b>Body length</b>	<b>Head diameter</b>	<b>Head height</b>
			
<b>Mandrel head diameter</b>	<b>Mandrel length</b>	<b>Pieces per mandrel</b>	<b>Item code</b>

\* The final item code depends on the length of the mandrel.  
 Example: Part number U-AF193216485 corresponds to a mandrel length of 485 mm.

General information

The standard rivets presented in this document comply with the following ISO standards:

- EN ISO 15977
- EN ISO 15978
- EN ISO 15979
- EN ISO 15980
- EN ISO 15981
- EN ISO 15983

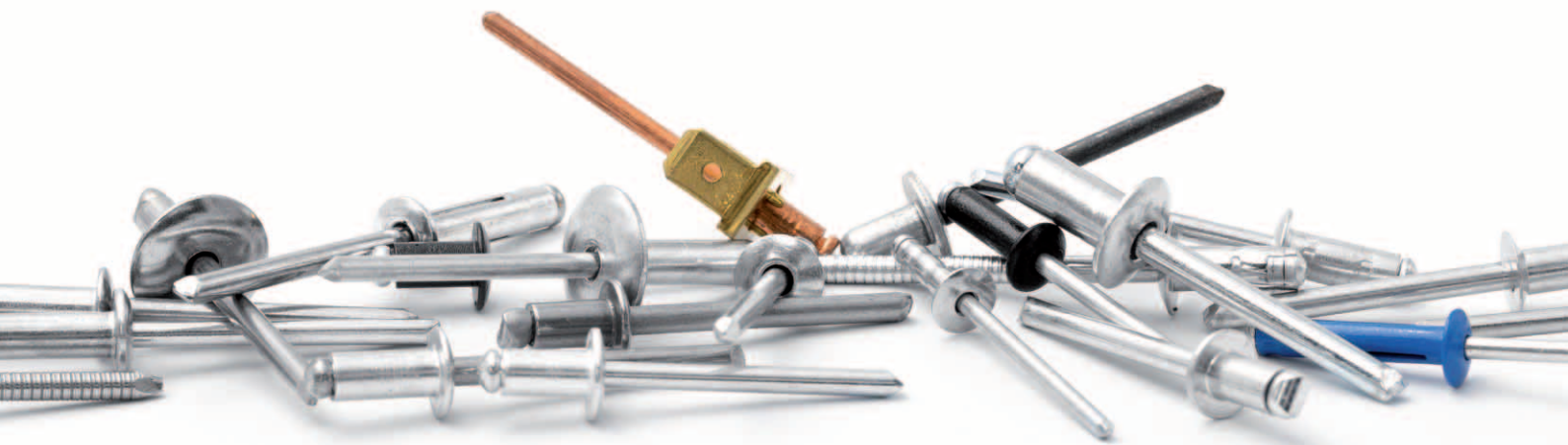
Böllhoff reserves the right to make changes to its products without prior notice in order to improve their quality.

**RIVQUICK®** – Selection guide

	Body material	Mandrel material					Head type			
		Aluminium	Steel	Stainless steel	Stainless steel A4	Copper plated steel	Flat	Countersunk	Large	Extra-large
<b>RIVQUICK® conventional rivets</b>										
<b>Standard rivets</b>	Aluminium	■					■			
			■				■			
			■					■	■	
	Steel		■				■			
			■				■			
			■				■			
Stainless steel			■			■				
			■			■				
Stainless steel A4					■	■				
									■	
<b>Peel type rivets</b>	Aluminium		■				■			
<b>Slotted rivets</b>	Aluminium	■					■			
<b>Sealed type rivets</b>	Aluminium		■				■			
			■					■		
	Steel		■				■			
			■				■			
<b>Varigrip multigrip rivets</b>	Aluminium		■				■			
			■					■		
	Steel		■				■			
			■				■			
Stainless steel			■			■				
			■			■				
<b>Coloured rivets</b>	Aluminium		■				■			
<b>Earthing rivets</b>	Copper						■			
<b>RIVQUICK® structural rivets</b>										
<b>Varibulb rivets</b>	Steel		■				■			
	Stainless steel			■			■			
<b>Varibolt rivets</b>	Steel		■				■			
	Stainless steel			■			■			
<b>Varibolt Plus rivets</b>	Steel		■				■			
	Aluminium	■					■			
<b>Varilock rivets</b>	Steel		■				■			
<b>RIVQUICK® speed rivets</b>										
<b>Varispeed rivets</b>	Aluminium						■			
	Steel						■			
	Stainless steel						■			
<b>Varitop rivets</b>	Aluminium						■			
	Steel						■			
	Stainless steel						■			
<b>Varitronic rivets</b>	Aluminium						■			
	Brass						■			
<b>Varitum rivets</b>	Steel							■		
<b>Varisert rivets</b>	Brass						■			



# **RIVQUICK®** CONVENTIONAL RIVETS



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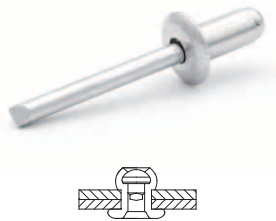
**RIVQUICK®** Conventional rivets

**RIVQUICK®** – Standard rivets

**Benefits**

- Large variety of material combinations
- Different head diameters and shapes available
- Economical solution

Body: Aluminium | Mandrel: Zinc plated steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>2,4</b>	4,0				0,5 - 2,0			<a href="#">220 611 24040</a>
	6,0				2,0 - 4,0			<a href="#">220 611 24060</a>
	8,0	5,0	2,5 - 2,6		4,0 - 6,0	450	350	<a href="#">220 611 24080</a>
	10,0				6,0 - 8,0			<a href="#">220 611 24100</a>
	12,0				8,0 - 10,0			<a href="#">220 611 24120</a>
<b>3,0</b>	6,0				1,0 - 3,5			<a href="#">220 611 30060</a>
	8,0				3,5 - 5,5			<a href="#">220 611 30080</a>
	10,0	6,5	3,1 - 3,2		5,5 - 7,0	850	750	<a href="#">220 611 30100</a>
	12,0				7,0 - 9,0			<a href="#">220 611 30120</a>
	14,0				9,0 - 11,0			<a href="#">220 611 30140</a>
	16,0				11,0 - 13,0			<a href="#">220 611 30160</a>
<b>3,2</b>	18,0				13,0 - 15,0			<a href="#">220 611 30180</a>
	6,0				1,0 - 3,5			<a href="#">220 611 32060</a>
	8,0				3,5 - 5,5			<a href="#">220 611 32080</a>
	10,0	6,5	3,3 - 3,4		5,5 - 7,0	1 000	900	<a href="#">220 611 32100</a>
	12,0				7,0 - 9,0			<a href="#">220 611 32120</a>
	14,0				9,0 - 11,0			<a href="#">220 611 32140</a>
	16,0				11,0 - 13,0			<a href="#">220 611 32160</a>
18,0				13,0 - 15,0			<a href="#">220 611 32180</a>	
<b>4,0</b>	20,0				15,0 - 17,0			<a href="#">220 611 32200</a>
	6,0				1,0 - 3,0			<a href="#">220 611 40060</a>
	8,0				3,0 - 5,0			<a href="#">220 611 40080</a>
	10,0				5,0 - 6,5			<a href="#">220 611 40100</a>
	12,0				6,5 - 8,5			<a href="#">220 611 40120</a>
	14,0				8,5 - 10,5			<a href="#">220 611 40140</a>
	16,0	8,0	4,1 - 4,2		10,5 - 12,5	1 750	1 200	<a href="#">220 611 40160</a>
	18,0				12,5 - 14,5			<a href="#">220 611 40180</a>
	20,0				14,5 - 16,5			<a href="#">220 611 40200</a>
	22,0				16,0 - 18,5			<a href="#">220 611 40220</a>
	25,0				16,5 - 21,5			<a href="#">220 611 40250</a>
30,0				21,5 - 26,0			<a href="#">220 611 40300</a>	
35,0				26,0 - 30,0			<a href="#">220 611 40350</a>	



**RIVQUICK®** Conventional rivets

Body: Aluminium | Mandrel: Zinc plated steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,8</b>	6,0	9,5	4,9 - 5,0		1,5 - 2,5	2 600	2 000	<a href="#">220 611 48060</a>
	8,0				2,5 - 4,0			<a href="#">220 611 48080</a>
	10,0				4,0 - 6,0			<a href="#">220 611 48100</a>
	12,0				6,0 - 8,0			<a href="#">220 611 48120</a>
	14,0				8,0 - 10,0			<a href="#">220 611 48140</a>
	16,0				10,0 - 12,0			<a href="#">220 611 48160</a>
	18,0				12,0 - 14,0			<a href="#">220 611 48180</a>
	20,0				14,0 - 16,0			<a href="#">220 611 48200</a>
	22,0				15,5 - 18,0			<a href="#">220 611 48220</a>
	25,0				16,0 - 21,0			<a href="#">220 611 48250</a>
	30,0				21,0 - 25,0			<a href="#">220 611 48300</a>
35,0	25,0 - 30,0	<a href="#">220 611 48350</a>						
40,0	30,0 - 35,0	<a href="#">220 611 48400</a>						
<b>5,0</b>	6,0	9,5	5,1 - 5,2		1,5 - 2,5	2 700	2 100	<a href="#">220 611 50060</a>
	8,0				2,5 - 4,5			<a href="#">220 611 50080</a>
	10,0				4,5 - 6,0			<a href="#">220 611 50100</a>
	12,0				6,0 - 8,0			<a href="#">220 611 50120</a>
	14,0				8,0 - 10,0			<a href="#">220 611 50140</a>
	16,0				10,0 - 12,0			<a href="#">220 611 50160</a>
	18,0				12,0 - 14,0			<a href="#">220 611 50180</a>
	20,0				14,0 - 16,0			<a href="#">220 611 50200</a>
	25,0				16,0 - 20,0			<a href="#">220 611 50250</a>
	30,0				20,0 - 25,0			<a href="#">220 611 50300</a>
<b>6,0</b>	8,0	12,0	6,1 - 6,2		2,0 - 3,0	4 200	3 000	<a href="#">220 611 60080</a>
	10,0				3,0 - 5,0			<a href="#">220 611 60100</a>
	12,0				5,0 - 7,0			<a href="#">220 611 60120</a>
	14,0				7,0 - 9,0			<a href="#">220 611 60140</a>
	16,0				9,0 - 11,0			<a href="#">220 611 60160</a>
	18,0				11,0 - 13,0			<a href="#">220 611 60180</a>
	20,0				13,0 - 15,0			<a href="#">220 611 60200</a>
	25,0				15,0 - 20,0			<a href="#">220 611 60250</a>
	30,0				20,0 - 25,0			<a href="#">220 611 60300</a>
35,0	25,0 - 30,0	<a href="#">220 611 60350</a>						
<b>6,4</b>	10,0	13,0	6,5 - 6,6		3,0 - 4,0	4 600	3 500	<a href="#">220 611 64100</a>
	12,0				4,0 - 6,0			<a href="#">220 611 64120</a>
	14,0				6,0 - 8,0			<a href="#">220 611 64140</a>
	16,0				8,0 - 10,0			<a href="#">220 611 64160</a>
	18,0				10,0 - 12,0			<a href="#">220 611 64180</a>
	22,0				14,0 - 16,0			<a href="#">220 611 64220</a>
	26,0				17,0 - 20,0			<a href="#">220 611 64260</a>
	30,0				20,0 - 24,0			<a href="#">220 611 64300</a>
	35,0				24,0 - 28,0			<a href="#">220 611 64350</a>
	40,0				28,0 - 33,0			<a href="#">220 611 64400</a>

**RIVQUICK®** Conventional rivets

Body: Aluminium | Mandrel: Zinc plated steel | Head: Countersunk



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>2,4</b>	6,0		4,8	2,5 - 2,6	1,0 - 3,2	450	350	<b>220 312</b> 24060
	8,0				3,2 - 5,0			<b>220 312</b> 24080
	10,0				5,0 - 7,0			<b>220 312</b> 24100
<b>3,0</b>	6,0		6,0	3,1 - 3,2	1,0 - 3,5	850	750	<b>220 312</b> 30060
	8,0				3,5 - 5,5			<b>220 312</b> 30080
	10,0				5,5 - 7,0			<b>220 312</b> 30100
	12,0				7,0 - 9,0			<b>220 312</b> 30120
<b>3,2</b>	6,0		6,0	3,3 - 3,4	1,5 - 3,0	1 000	900	<b>220 312</b> 32060
	8,0				3,5 - 5,5			<b>220 312</b> 32080
	10,0				5,5 - 7,0			<b>220 312</b> 32100
	12,0				7,0 - 9,0			<b>220 312</b> 32120
<b>4,0</b>	6,0		7,5	4,1 - 4,2	1,5 - 3,0	1 750	1 200	<b>220 312</b> 40060
	8,0				3,0 - 5,0			<b>220 312</b> 40080
	10,0				5,0 - 6,5			<b>220 312</b> 40100
	12,0				6,5 - 8,5			<b>220 312</b> 40120
	14,0				8,5 - 10,5			<b>220 312</b> 40140
	16,0				10,5 - 12,5			<b>220 312</b> 40160
	18,0				12,5 - 14,5			<b>220 312</b> 40180
20,0		14,5 - 16,5	<b>220 312</b> 40200					
<b>4,8</b>	8,0		9,0	4,9 - 5,0	2,5 - 4,5	2 600	2 000	<b>220 312</b> 48080
	10,0				4,5 - 6,0			<b>220 312</b> 48100
	12,0				6,0 - 8,0			<b>220 312</b> 48120
	14,0				8,0 - 10,0			<b>220 312</b> 48140
	16,0				10,0 - 12,0			<b>220 312</b> 48160
	18,0				12,0 - 14,0			<b>220 312</b> 48180
	20,0				14,0 - 16,0			<b>220 312</b> 48200
	25,0				16,0 - 21,0			<b>220 312</b> 48250
30,0		21,0 - 25,0	<b>220 312</b> 48300					

**RIVQUICK®** Conventional rivets

Body: Aluminium | Mandrel: Zinc plated steel | Head: Large



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,0</b>	8,0	10,5	4,1 - 4,2		3,0 - 5,0	1 750	1 200	<a href="#">220 314 40080</a>
	10,0				5,0 - 6,5			<a href="#">220 314 40100</a>
	12,0				6,5 - 8,5			<a href="#">220 314 40120</a>
	14,0				8,5 - 10,5			<a href="#">220 314 40140</a>
	16,0				10,5 - 12,5			<a href="#">220 314 40160</a>
<b>4,8</b>	20,0	14,5	4,9 - 5,0		14,5 - 16,5	2 600	2 000	<a href="#">220 314 40200</a>
	8,0				1,0 - 4,0			<a href="#">220 314 48080</a>
	10,0				4,0 - 6,0			<a href="#">220 314 48100</a>
	12,0				6,0 - 8,0			<a href="#">220 314 48120</a>
	14,0				8,0 - 10,0			<a href="#">220 314 48140</a>
	16,0				10,0 - 12,0			<a href="#">220 314 48160</a>
	18,0				12,0 - 14,0			<a href="#">220 314 48180</a>
	20,0				14,0 - 16,0			<a href="#">220 314 48200</a>
	25,0				16,0 - 21,0			<a href="#">220 314 48250</a>
	30,0				21,0 - 25,0			<a href="#">220 314 48300</a>
35,0	25,0 - 30,0	<a href="#">220 314 48350</a>						
40,0	30,0 - 35,0	<a href="#">220 314 48400</a>						

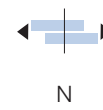
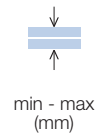
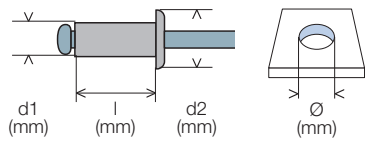
Body: Aluminium | Mandrel: Zinc plated steel | Head: Extra-large



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	8,0	9,8	3,3 - 3,4		3,5 - 5,0	1 000	900	<a href="#">220 316 32080</a>
	10,0				5,0 - 7,0			<a href="#">220 316 32100</a>
	12,0				7,0 - 9,0			<a href="#">220 316 32120</a>
	14,0				9,0 - 11,0			<a href="#">220 316 32140</a>
	16,0				11,0 - 13,0			<a href="#">220 316 32160</a>
<b>4,0</b>	8,0	12,5	4,1 - 4,2		3,0 - 5,0	1 750	1 200	<a href="#">220 316 40080</a>
	10,0				5,0 - 6,5			<a href="#">220 316 40100</a>
	12,0				6,5 - 8,5			<a href="#">220 316 40120</a>
	14,0				8,5 - 10,5			<a href="#">220 316 40140</a>
	16,0				10,5 - 12,5			<a href="#">220 316 40160</a>
<b>4,8</b>	20,0	16,5	4,9 - 5,0		14,5 - 16,5	2 600	2 000	<a href="#">220 316 40200</a>
	8,0				4,0 - 6,0			<a href="#">220 316 48100</a>
	10,0				6,0 - 8,0			<a href="#">220 316 48120</a>
	12,0				8,0 - 10,0			<a href="#">220 316 48140</a>
	14,0				10,0 - 12,0			<a href="#">220 316 48160</a>
	16,0				12,0 - 14,0			<a href="#">220 316 48180</a>
	18,0				14,0 - 16,0			<a href="#">220 316 48200</a>
	20,0				16,0 - 21,0			<a href="#">220 316 48250</a>
	25,0				21,0 - 25,0			<a href="#">220 316 48300</a>
	30,0				25,0 - 30,0			<a href="#">220 316 48350</a>
35,0	30,0 - 35,0	<a href="#">220 316 48400</a>						

**RIVQUICK®** Conventional rivets

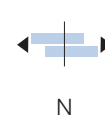
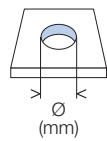
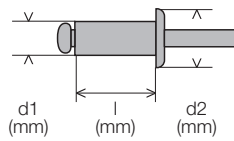
Body: Aluminium | Mandrel: Stainless steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,0</b>	6,0		6,5	3,1 - 3,2	1,0 - 3,5	850	750	<b>220 351 30060</b>
	8,0				3,5 - 5,5			<b>220 351 30080</b>
	10,0				5,5 - 7,0			<b>220 351 30100</b>
<b>3,2</b>	6,0		6,5	3,3 - 3,4	1,5 - 3,5	1 000	900	<b>220 351 32060</b>
	8,0				3,5 - 5,5			<b>220 351 32080</b>
	10,0				5,5 - 7,0			<b>220 351 32100</b>
	12,0				7,0 - 9,0			<b>220 351 32120</b>
<b>4,0</b>	6,0		8,0	4,1 - 4,2	1,5 - 3,0	1 750	1 200	<b>220 351 40060</b>
	8,0				3,0 - 5,0			<b>220 351 40080</b>
	10,0				5,0 - 6,5			<b>220 351 40100</b>
	12,0				6,5 - 8,5			<b>220 351 40120</b>
	14,0				8,5 - 10,5			<b>220 351 40140</b>
	16,0				10,5 - 12,5			<b>220 351 40160</b>
	18,0				12,5 - 14,5			<b>220 351 40180</b>
20,0		14,5 - 16,5	<b>220 351 40200</b>					
<b>4,8</b>	6,0		9,5	4,9 - 5,0	1,5 - 2,5	2 600	2 000	<b>220 351 48060</b>
	8,0				2,5 - 4,0			<b>220 351 48080</b>
	10,0				4,0 - 6,0			<b>220 351 48100</b>
	12,0				6,0 - 8,0			<b>220 351 48120</b>
	14,0				8,0 - 10,0			<b>220 351 48140</b>
	16,0				10,0 - 12,0			<b>220 351 48160</b>
	18,0				12,0 - 14,0			<b>220 351 48180</b>
	20,0				14,0 - 16,0			<b>220 351 48200</b>
	25,0				16,0 - 20,0			<b>220 351 48250</b>
	30,0				20,0 - 25,0			<b>220 351 48300</b>
35,0		25,0 - 30,0	<b>220 351 48350</b>					

**RIVQUICK®** Conventional rivets

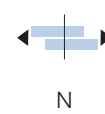
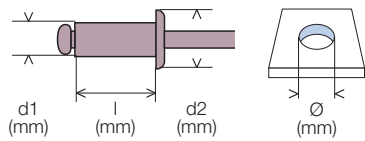
Body: Aluminium | Mandrel: Aluminium | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	6,0				1,0 - 3,0			<a href="#">220 371 32060</a>
	8,0				3,0 - 5,0			<a href="#">220 371 32080</a>
	10,0		6,7	3,3 - 3,4	5,0 - 7,0	800	580	<a href="#">220 371 32100</a>
	12,0				7,0 - 9,0			<a href="#">220 371 32120</a>
<b>4,0</b>	6,0				1,0 - 3,0			<a href="#">220 371 40060</a>
	8,0				3,0 - 5,0			<a href="#">220 371 40080</a>
	10,0				5,0 - 6,5			<a href="#">220 371 40100</a>
	12,0		8,4	4,1 - 4,2	6,5 - 8,5	1 250	900	<a href="#">220 371 40120</a>
	16,0				8,5 - 12,5			<a href="#">220 371 40160</a>
	18,0				12,5 - 14,5			<a href="#">220 371 40180</a>
<b>4,8</b>	20,0				14,5 - 16,5			<a href="#">220 371 40200</a>
	8,0				2,5 - 4,0			<a href="#">220 371 48080</a>
	10,0				4,0 - 6,0			<a href="#">220 371 48100</a>
	12,0				6,0 - 8,0			<a href="#">220 371 48120</a>
	14,0		10,1	4,9 - 5,0	8,0 - 10,0	1 900	1 450	<a href="#">220 371 48140</a>
	16,0				10,0 - 12,0			<a href="#">220 371 48160</a>
	18,0				12,0 - 14,0			<a href="#">220 371 48180</a>
20,0				14,0 - 16,0			<a href="#">220 371 48200</a>	

**RIVQUICK®** Conventional rivets

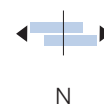
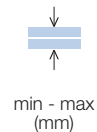
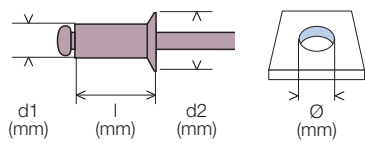
Body: Steel | Mandrel: Steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,0</b>	6,0				0,5 - 3,0			<a href="#">220 321 30060</a>
	8,0				3,0 - 5,0			<a href="#">220 321 30080</a>
	10,0	6,3	3,1 - 3,2		5,0 - 6,5	1 300	1 050	<a href="#">220 321 30100</a>
	12,0				6,5 - 8,0			<a href="#">220 321 30120</a>
<b>3,2</b>	6,0				0,5 - 3,0			<a href="#">220 321 32060</a>
	8,0				3,0 - 5,0			<a href="#">220 321 32080</a>
	10,0	6,7	3,3 - 3,4		5,0 - 6,5	1 600	1 200	<a href="#">220 321 32100</a>
	12,0				6,5 - 8,0			<a href="#">220 321 32120</a>
	16,0				8,0 - 12,0			<a href="#">220 321 32160</a>
<b>4,0</b>	6,0				1,0 - 3,0			<a href="#">220 321 40060</a>
	8,0				3,0 - 5,0			<a href="#">220 321 40080</a>
	10,0				5,0 - 6,5			<a href="#">220 321 40100</a>
	12,0				6,5 - 9,0			<a href="#">220 321 40120</a>
	14,0	8,4	4,1 - 4,2		8,0 - 10,5	2 600	1 900	<a href="#">220 321 40140</a>
	16,0				9,0 - 12,0			<a href="#">220 321 40160</a>
	18,0				12,0 - 14,0			<a href="#">220 321 40180</a>
	20,0				12,0 - 16,0			<a href="#">220 321 40200</a>
	25,0				16,0 - 21,0			<a href="#">220 321 40250</a>
	30,0				21,0 - 25,0			<a href="#">220 321 40300</a>
<b>4,8</b>	6,0				1,5 - 2,5			<a href="#">220 321 48060</a>
	8,0				2,5 - 4,0			<a href="#">220 321 48080</a>
	10,0				4,0 - 6,0			<a href="#">220 321 48100</a>
	12,0				6,0 - 8,0			<a href="#">220 321 48120</a>
	14,0				8,0 - 10,0			<a href="#">220 321 48140</a>
	16,0	10,1	4,9 - 5,0		9,0 - 12,0	3 800	2 900	<a href="#">220 321 48160</a>
	18,0				11,5 - 14,0			<a href="#">220 321 48180</a>
	20,0				13,0 - 16,0			<a href="#">220 321 48200</a>
	25,0				16,0 - 20,0			<a href="#">220 321 48250</a>
	30,0				19,5 - 25,0			<a href="#">220 321 48300</a>
	35,0				25,0 - 30,0			<a href="#">220 321 48350</a>
	40,0				30,0 - 35,0			<a href="#">220 321 48400</a>
<b>6,0</b>	8,0				1,5 - 3,0			<a href="#">220 321 60080</a>
	10,0				3,0 - 4,0			<a href="#">220 321 60100</a>
	12,0				4,0 - 6,0			<a href="#">220 321 60120</a>
	15,0	12,6	6,1 - 6,2		6,0 - 9,0	6 100	4 500	<a href="#">220 321 60150</a>
	18,0				9,0 - 12,0			<a href="#">220 321 60180</a>
	20,0				10,0 - 14,0			<a href="#">220 321 60200</a>
	25,0				14,0 - 19,0			<a href="#">220 321 60250</a>
30,0				19,0 - 24,0			<a href="#">220 321 60300</a>	
<b>6,4</b>	8,0				1,0 - 3,0			<a href="#">220 321 64080</a>
	12,0				3,0 - 7,0			<a href="#">220 321 64120</a>
	15,0				6,0 - 9,0			<a href="#">220 321 64150</a>
	18,0	13,4	6,5 - 6,6		9,0 - 12,0	6 600	5 000	<a href="#">220 321 64180</a>
	22,0				12,0 - 15,0			<a href="#">220 321 64220</a>
	25,0				15,0 - 19,0			<a href="#">220 321 64250</a>
30,0				19,0 - 24,0			<a href="#">220 321 64300</a>	

**RIVQUICK®** Conventional rivets

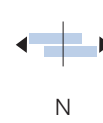
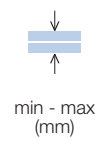
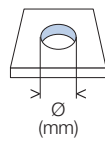
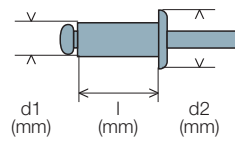
Body: Steel | Mandrel: Steel | Head: Countersunk



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	8,0				3,0 - 5,0			<a href="#">220 322 32080</a>
	10,0		6,7	3,3 - 3,4	5,0 - 7,0	1 600	1 200	<b>220 322 32100</b>
	12,0				6,5 - 8,0			<b>220 322 32120</b>
<b>4,0</b>	8,0				2,5 - 4,5			<a href="#">220 322 40080</a>
	10,0		8,4	4,1 - 4,2	4,5 - 6,5	2 600	1 900	<b>220 322 40100</b>
	12,0				6,5 - 8,5			<b>220 322 40120</b>
	14,0				8,5 - 10,5			<b>220 322 40140</b>
<b>4,8</b>	8,0				2,5 - 4,0			<b>220 322 48080</b>
	10,0		10,1	4,9 - 5,0	4,0 - 6,0	3 800	2 900	<b>220 322 48100</b>
	12,0				6,0 - 8,0			<b>220 322 48120</b>
	14,0				8,0 - 9,5			<b>220 322 48140</b>
	16,0				9,5 - 11,0			<b>220 322 48160</b>
	20,0				13,0 - 15,0			<b>220 322 48200</b>

**RIVQUICK®** Conventional rivets

Body: Stainless steel | Mandrel: Stainless steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,0</b>	6,0	6,3	3,1 - 3,2		1,0 - 3,0	2 300	2 100	<a href="#">220 331 30060</a>
	8,0				3,0 - 5,0			<a href="#">220 331 30080</a>
	10,0				5,0 - 7,0			<a href="#">220 331 30100</a>
	12,0				6,5 - 8,5			<a href="#">220 331 30120</a>
<b>3,2</b>	6,0	6,7	3,3 - 3,4		0,5 - 3,0	2 650	2 200	<a href="#">220 331 32060</a>
	8,0				3,0 - 5,0			<a href="#">220 331 32080</a>
	10,0				5,0 - 6,5			<a href="#">220 331 32100</a>
	12,0				6,5 - 8,5			<a href="#">220 331 32120</a>
<b>4,0</b>	6,0	8,4	4,1 - 4,2		1,0 - 2,5	4 200	3 400	<a href="#">220 331 40060</a>
	8,0				2,5 - 4,5			<a href="#">220 331 40080</a>
	10,0				4,5 - 6,5			<a href="#">220 331 40100</a>
	12,0				6,5 - 8,5			<a href="#">220 331 40120</a>
	14,0				8,5 - 10,0			<a href="#">220 331 40140</a>
	16,0				10,0 - 12,0			<a href="#">220 331 40160</a>
<b>4,8</b>	8,0	10,1	4,9 - 5,0		2,0 - 4,0	6 200	5 200	<a href="#">220 331 48080</a>
	10,0				4,0 - 6,0			<a href="#">220 331 48100</a>
	12,0				6,0 - 8,0			<a href="#">220 331 48120</a>
	14,0				7,5 - 10,0			<a href="#">220 331 48140</a>
	16,0				9,0 - 12,0			<a href="#">220 331 48160</a>
	18,0				11,0 - 14,0			<a href="#">220 331 48180</a>
<b>6,0</b>	12,0	12,0	6,1 - 6,3		4,5 - 6,0	9 200	8 500	<a href="#">220 331 60120</a>
	15,0				7,0 - 9,0			<a href="#">220 331 60150</a>
	12,0				3,0 - 6,0			<a href="#">220 331 64120</a>
<b>6,4</b>	15,0	13,0	6,5 - 6,6		6,0 - 9,0	10 500	8 500	<a href="#">220 331 64150</a>
	18,0				9,0 - 12,0			<a href="#">220 331 64180</a>
	25,0				14,0 - 19,0			<a href="#">220 331 64250</a>
	30,0				19,0 - 24,0			<a href="#">220 331 64300</a>



**RIVQUICK®** Conventional rivets

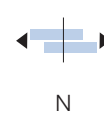
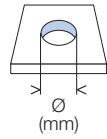
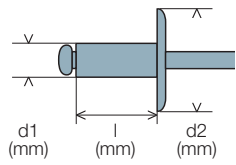
Body: Stainless steel | Mandrel: Stainless steel | Head: Countersunk



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	6,0				2,0 - 3,0			<a href="#">220 332 32060</a>
	8,0		6,0	3,3 - 3,4	3,0 - 5,0	2 600	2 300	<a href="#">220 332 32080</a>
	10,0				5,0 - 6,5			<a href="#">220 332 32100</a>
<b>4,0</b>	8,0				2,5 - 4,5			<a href="#">220 332 40080</a>
	10,0		7,5	4,1 - 4,2	4,5 - 6,5	3 800	3 400	<a href="#">220 332 40100</a>
	12,0				6,5 - 8,5			<a href="#">220 332 40120</a>
<b>4,8</b>	10,0				4,0 - 6,0			<a href="#">220 332 48100</a>
	12,0				6,0 - 8,0			<a href="#">220 332 48120</a>
	14,0		9,0	4,9 - 5,0	8,0 - 10,0	5 600	4 800	<a href="#">220 332 48140</a>
	16,0				9,0 - 11,0			<a href="#">220 332 48160</a>

**RIVQUICK®** Conventional rivets

Body: Stainless steel | Mandrel: Stainless steel | Head: Extra-large



<b>4,8</b>	10,0			4,0 - 6,0			<b>220 336</b> 48100
	12,0			6,0 - 8,0			<b>220 336</b> 48120
	14,0	16,5	4,9 - 5,0	8,0 - 10,0	6 200	5 200	<b>220 336</b> 48140
	16,0			10,0 - 12,0			<b>220 336</b> 48160
	20,0			14,0 - 16,0			<b>220 336</b> 48200

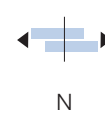
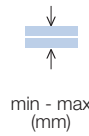
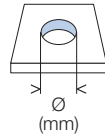
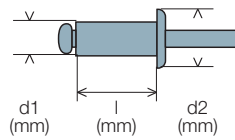
**RIVQUICK®** Conventional rivets

**RIVQUICK®** – Stainless steel A4 rivets

**Benefits**

- High corrosion resistance
- Setting with standard tools
- High mechanical strength

Body: Stainless steel A4 | Mandrel: Stainless steel A4 | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	6,0				0,5 - 3,0			<b>220 381 32060</b>
	8,0	6,7	3,3 - 3,4		3,0 - 5,0	2 650	2 200	<b>220 381 32080</b>
	10,0				5,0 - 6,5			<b>220 381 32100</b>
<b>4,0</b>	8,0				2,5 - 4,5			<b>220 381 40080</b>
	10,0	8,4	4,1 - 4,2		4,5 - 6,5	4 200	3 400	<b>220 381 40100</b>
	12,0				6,5 - 8,5			<b>220 381 40120</b>
	14,0				8,5 - 10,0			<b>220 381 40140</b>
<b>4,8</b>	8,0				2,0 - 4,0			<b>220 381 48080</b>
	10,0	10,1	4,9 - 5,0		4,0 - 6,0	6 200	5 200	<b>220 381 48100</b>
	12,0				6,0 - 8,0			<b>220 381 48120</b>
	14,0				7,5 - 10,0			<b>220 381 48140</b>

**RIVQUICK®** Conventional rivets

**RIVQUICK® Varigrip – Multigrip rivets**

**Benefits**

- Broad grip range for a wider operating range
- Rationalisation of the quantity of part numbers to be kept in stock
- Different materials and head types available

Body: Aluminium | Mandrel: Zinc plated steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	8,0				0,8 - 4,8			<a href="#">220 211 32080</a>
	9,5	6,65	3,3 - 3,4		1,2 - 6,4	1 050	750	<a href="#">220 211 32095</a>
	11,1				4,0 - 7,9			<a href="#">220 211 32111</a>
<b>4,0</b>	9,5				1,2 - 6,4			<a href="#">220 211 40100</a>
	12,7	8,3	4,1 - 4,2		4,5 - 9,5	1 650	1 150	<a href="#">220 211 40127</a>
	16,9				6,4 - 12,7			<a href="#">220 211 40169</a>
<b>4,8</b>	10,3				1,6 - 6,4			<a href="#">220 211 48110</a>
	15,1	10,0	4,9 - 5,0		4,8 - 11,1	2 200	1 600	<a href="#">220 211 48150</a>
	16,9				6,4 - 12,7			<a href="#">220 211 48169</a>
	24,8				12,7 - 19,8			<a href="#">220 211 48248</a>

Body: Aluminium | Mandrel: Zinc plated steel | Head: Countersunk



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,0</b>	10,0	7,5	4,1 - 4,2		2,0 - 6,5	1 400	1 300	<a href="#">220 212 40100</a>
<b>4,8</b>	12,0	9,0	4,9 - 5,0		2,0 - 8,0	2 300	2 000	<a href="#">220 212 48120</a>
	17,0				7,0 - 13,0			<a href="#">220 212 48170</a>

Body: Aluminium | Mandrel: Zinc plated steel | Head: Extra-large



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,8</b>	10,3				1,6 - 6,4			<a href="#">220 216 48103</a>
	16,9	16,5	4,9 - 5,0		6,4 - 12,7	2 200	1 600	<a href="#">220 216 48169</a>
	24,8				12,7 - 19,8			<a href="#">220 216 48248</a>

**RIVQUICK®** Conventional rivets

Body: Aluminium | Mandrel: Stainless steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	8,0	6,3	3,3 - 3,4	1,0 - 5,0	950	650	<a href="#">220 251 32080</a>	
<b>4,0</b>	9,5	8,0	4,1 - 4,2	1,0 - 6,0	1 850	1 250	<a href="#">220 251 40095</a>	

Body: Steel | Mandrel: Steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	12,0	7,6	3,3 - 3,4	1,0 - 7,0	1 400	1 100	<a href="#">220 221 32120</a>	
<b>4,0</b>	13,0	8,4	4,1 - 4,2	2,0 - 8,0	2 300	1 900	<a href="#">220 221 40130</a>	
<b>4,8</b>	11,0	10,1	4,9 - 5,0	1,5 - 6,3	3 300	3 000	<a href="#">220 221 48110</a>	

Body: Steel | Mandrel: Steel | Head: Countersunk



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,8</b>	11,0 17,0	8,9	4,9 - 5,0	2,4 - 6,4 6,4 - 12,7	3 300	3 000	<a href="#">220 222 48110</a> <a href="#">220 222 48170</a>	

Body: Stainless steel | Mandrel: Stainless steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	12,0	7,3	3,3 - 3,4	1,0 - 7,0	2 400	2 000	<a href="#">220 231 32120</a>	
<b>4,0</b>	10,5	8,2	4,1 - 4,2	1,4 - 4,5	3 500	2 700	<a href="#">220 231 40105</a>	
<b>4,0</b>	13,0	8,3	4,1 - 4,2	2,0 - 8,0	3 500	2 700	<a href="#">220 231 40130</a>	
<b>4,8</b>	14,0	10,0	4,9 - 5,0	1,5 - 9,0	5 000	5 500	<a href="#">220 231 48140</a>	

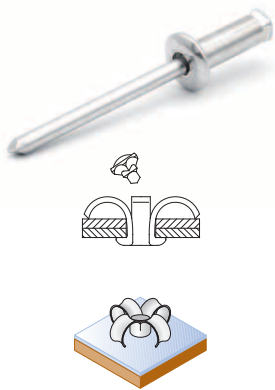
**RIVQUICK®** Conventional rivets

**RIVQUICK®** – Peel type rivets

**Benefits**

- Suitable for joining flexible materials (plastic, etc.)
- Large tolerance regarding drill hole diameters
- No damage to the surfaces of the parts to be joined

Body: Aluminium | Mandrel: Zinc plated steel | Head: Flat



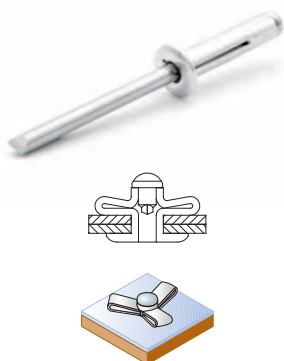
	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,0</b>	12,0				4,0 - 6,5	1 400	1 500	<a href="#">220 413 40120</a>
	14,0				6,0 - 9,0			<a href="#">220 413 40140</a>
	16,0	8,3	4,4 - 4,5		8,0 - 11,0			<a href="#">220 413 40160</a>
	18,0				10,0 - 13,0			<a href="#">220 413 40180</a>
	20,0				12,0 - 15,0			<a href="#">220 413 40200</a>
<b>4,8</b>	25,0				15,0 - 20,0	1 900	2 100	<a href="#">220 413 40250</a>
	12,0				2,0 - 6,0			<a href="#">220 413 48120</a>
	14,0				4,0 - 8,0			<a href="#">220 413 48140</a>
	16,0	9,8	5,3 - 5,4		6,0 - 9,5			<a href="#">220 413 48160</a>
	20,0				10,0 - 14,0			<a href="#">220 413 48200</a>
	22,0				12,0 - 16,0			<a href="#">220 413 48220</a>
	25,0				16,0 - 19,0			<a href="#">220 413 48250</a>
	30,0				19,0 - 24,0			<a href="#">220 413 48300</a>
	35,0				24,0 - 29,0			<a href="#">220 413 48350</a>
40,0				29,0 - 34,0	<a href="#">220 413 48400</a>			

**RIVQUICK®** – Slotted rivets

**Benefits**

- Suitable for joining flexible materials (plastic, etc.)
- Large seating surface for good distribution of the joining forces

Body: Aluminium | Mandrel: Aluminium | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,0</b>	16,0				1,0 - 4,0	1 000	600	<a href="#">220 478 40160</a>
	20,5	8,3	4,2 - 4,5		1,0 - 8,5			<a href="#">220 478 40205</a>
	24,5				4,5 - 11,5			<a href="#">220 478 40245</a>
<b>4,8</b>	16,0				1,0 - 4,0	1 070	780	<a href="#">220 478 48160</a>
	21,0	10,3	5,0 - 5,25		1,0 - 9,0			<a href="#">220 478 48210</a>
	24,0				4,0 - 12,0			<a href="#">220 478 48240</a>

**RIVQUICK®** Conventional rivets

**RIVQUICK®** – Sealed type rivets

**Benefits**

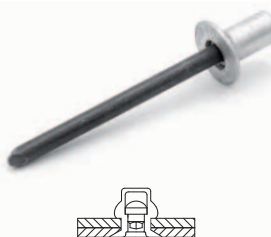
- Watertightness
- Setting with standard tools

Body: Aluminium | Mandrel: Phosphated steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	8,0				2,0 - 3,5			<a href="#">220 411 32080</a>
	9,5				3,5 - 5,0			<a href="#">220 411 32095</a>
	11,0	6,7	3,3 - 3,4		5,0 - 6,5	1 400	1 200	<a href="#">220 411 32110</a>
	12,0				6,0 - 7,5			<a href="#">220 411 32120</a>
	13,0				7,0 - 9,0			<a href="#">220 411 32130</a>
<b>4,0</b>	8,0				0,5 - 3,5			<a href="#">220 411 40080</a>
	9,5				3,5 - 5,0			<a href="#">220 411 40095</a>
	11,0	8,4	4,1 - 4,2		5,0 - 6,5	2 400	1 700	<a href="#">220 411 40110</a>
	12,5				6,5 - 8,0			<a href="#">220 411 40125</a>
	14,5				8,0 - 10,5			<a href="#">220 411 40145</a>
<b>4,8</b>	9,5				3,0 - 5,0			<a href="#">220 411 48095</a>
	11,0				5,0 - 6,5			<a href="#">220 411 48110</a>
	13,0				6,5 - 8,0			<a href="#">220 411 48130</a>
	14,5	10,1	4,9 - 5,0		8,0 - 9,5	3 500	2 500	<a href="#">220 411 48145</a>
	16,0				9,5 - 11,0			<a href="#">220 411 48160</a>
	18,0				11,0 - 13,0			<a href="#">220 411 48180</a>
	21,0				13,0 - 16,0			<a href="#">220 411 48210</a>
<b>6,4</b>	12,5	13,0	6,5 - 6,6		1,5 - 6,5	6 600	4 500	<a href="#">220 411 64125</a>

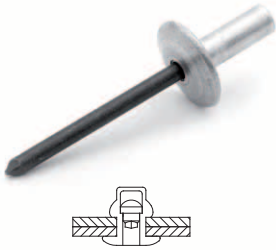
Body: Aluminium | Mandrel: Phosphated steel | Head: Countersunk



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	8,0				2,0 - 3,5			<a href="#">220 412 32080</a>
	9,5				3,5 - 5,0			<a href="#">220 412 32095</a>
<b>4,0</b>	9,5				3,0 - 5,0			<a href="#">220 412 40095</a>
	11,0	8,3	4,1 - 4,2		5,0 - 6,5	2 400	1 900	<a href="#">220 412 40110</a>
	12,5				6,5 - 8,0			<a href="#">220 412 40125</a>
	14,5				8,0 - 10,0			<a href="#">220 412 40145</a>
<b>4,8</b>	9,5				3,5 - 5,0			<a href="#">220 412 48095</a>
	11,0				5,0 - 6,5			<a href="#">220 412 48110</a>
	13,0	9,8	4,9 - 5,0		6,5 - 8,0	3 200	2 400	<a href="#">220 412 48130</a>
	14,5				8,0 - 9,5			<a href="#">220 412 48145</a>

**RIVQUICK®** Conventional rivets

Body: Aluminium | Mandrel: Phosphated steel | Head: Large



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,8</b>	13,0	15,9	4,9 - 5,0		6,5 - 8,0	3 300	2 600	<b>220 419 48130</b>

Body: Aluminium | Mandrel: Stainless steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	8,0				2,0 - 3,5	1 550	1 200	<b>220 451 32080</b>
	9,5	6,4	3,3 - 3,4	3,5 - 5,0	<b>220 451 32095</b>			
	11,0			5,0 - 6,5	<b>220 451 32110</b>			
<b>4,0</b>	8,0				1,5 - 3,5	2 400	1 800	<b>220 451 40080</b>
	9,5	8,3	4,1 - 4,2	3,5 - 5,0	<b>220 451 40095</b>			
<b>4,8</b>	9,5				3,5 - 5,0	3 500	2 400	<b>220 451 48095</b>
	11,0				5,0 - 6,5			<b>220 451 48110</b>
	12,5				6,5 - 8,0			<b>220 451 48125</b>
	14,0	9,9	4,9 - 5,0	7,5 - 9,0	<b>220 451 48140</b>			
	16,0			9,5 - 11,0	<b>220 451 48160</b>			
	18,0			11,0 - 13,0	<b>220 451 48180</b>			
21,0			12,0 - 16,0	<b>220 451 48210</b>				

Body: Aluminium | Mandrel: Stainless steel | Head: Countersunk

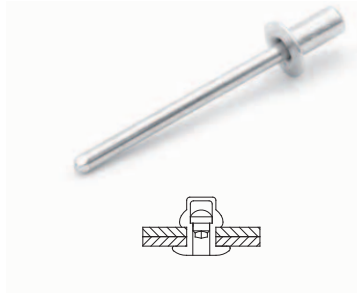


	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,0</b>	9,5				3,5 - 5,0	2 400	1 800	<b>220 452 40095</b>
	11,0	8,3	4,1 - 4,2	5,0 - 6,5	<b>220 452 40110</b>			



**RIVQUICK®** Conventional rivets

Body: Steel | Mandrel: Steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,0</b>	8,0		8,4	4,1 - 4,2	1,5 - 3,0	2 200	2 000	<a href="#">220 421 40080</a>
	10,0				3,0 - 5,0			<a href="#">220 421 40100</a>
	12,0		8,3		5,0 - 7,0	3 300	2 900	<a href="#">220 421 40120</a>

Body: Stainless steel | Mandrel: Stainless steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	8,0		6,7	3,3 - 3,4	1,5 - 3,0	2 500	2 200	<a href="#">220 431 32080</a>
	9,5				3,0 - 4,5			<a href="#">220 431 32095</a>
	12,0				4,5 - 6,5			<a href="#">220 431 32120</a>
<b>4,0</b>	8,0		8,4	4,1 - 4,2	1,5 - 3,0	4 500	3 800	<a href="#">220 431 40080</a>
	9,5				3,0 - 5,0			<a href="#">220 431 40095</a>
	12,0				5,0 - 6,5			<a href="#">220 431 40120</a>
	14,0				6,5 - 8,0			<a href="#">220 431 40140</a>
<b>4,8</b>	16,0		10,1	4,9 - 5,0	8,0 - 11,5	6 200	5 200	<a href="#">220 431 40160</a>
	9,5				3,0 - 5,0			<a href="#">220 431 48095</a>
	12,0				5,0 - 6,5			<a href="#">220 431 48120</a>

**RIVQUICK®** Conventional rivets

**RIVQUICK®** – Coloured rivets

**Benefits**

- These rivets allow joining of coated parts with no further finishing operations
- Other RAL colours available on request

Body: Aluminium | Mandrel: Zinc plated steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	RAL	9010	9005
<b>3,0</b>	6,0	6,5	3,1 - 3,2	1,0 - 3,5	850	750	<b>220 611</b>	<a href="#">30064</a>	30063	
	6,0	6,5	3,3 - 3,4	1,0 - 3,5	1 000	900		32064	32063	
<b>3,2</b>	8,0	6,5	3,3 - 3,4	3,5 - 5,5	1 750	1 200		32084	<a href="#">32083</a>	
	10,0	6,5	3,3 - 3,4	5,5 - 7,0				32104	32103	
<b>4,0</b>	8,0	8,0	4,1 - 4,2	3,0 - 5,0	2 600	2 000		<a href="#">40084</a>	40083	
	10,0	8,0	4,1 - 4,2	5,0 - 6,5				40104	40103	
	12,0	8,0	4,1 - 4,2	6,5 - 8,5				<a href="#">40124</a>	40123	
	16,0	8,0	4,1 - 4,2	10,5 - 12,5				40164	<a href="#">40163</a>	
<b>4,8</b>	20,0	8,0	4,1 - 4,2	14,5 - 16,5	2 600	2 000		40204	40203	
	6,0	9,5	4,9 - 5,0	1,5 - 2,5				48064	48063	
	8,0	9,5	4,9 - 5,0	2,5 - 4,0				48084	<a href="#">48083</a>	
	10,0	9,5	4,9 - 5,0	4,0 - 6,0				<a href="#">48104</a>	<a href="#">48103</a>	
	12,0	9,5	4,9 - 5,0	6,0 - 8,0			<a href="#">48124</a>	<a href="#">48123</a>		
	16,0	9,5	4,9 - 5,0	10,0 - 12,0			48164	48163		

Body: Aluminium | Mandrel: Zinc plated steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	RAL	9002	9005
<b>4,0</b>	16,0	8,3	4,4 - 4,5	8,0 - 11,0	1 400	1 500	<b>220 413</b>	<a href="#">40001</a>	<a href="#">40002</a>	

Body: Aluminium | Mandrel: Aluminium | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	RAL	9002	9005	5017
<b>4,0</b>	20,5	8,2	4,2 - 4,5	1,0 - 8,5	1 100	700	<b>220 478</b>	<a href="#">40001</a>	<a href="#">40002</a>	<a href="#">40003</a>	

The rivets can be supplied in all RAL colours or in colours based on samples.  
Price and minimum quantity: please consult us.

Part numbers in blue are generally stock items subject to prior sale.

**RIVQUICK®** Conventional rivets

**RIVQUICK®** – Earthing rivets

**Benefits**

- Highly electrically conductive rivets
- Time saving (overall joining process)

Body: Copper | Mandrel: Copper plated steel | Head: Flat | Connector: Brass



d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N				
<b>4,0</b>	6,0	-	5,3 - 5,4	0,8 - 1,5	1 700	1 200	<b>221 949 4000X</b>	<b>8</b>	<b>3</b>	<b>4</b>

Part numbers in blue are generally stock items subject to prior sale.

# **RIVQUICK®** STRUCTURAL RIVETS



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## Riveting: a possible alternative to welding

Riveting with structural rivets offers many advantages over welding.

The table below provides a detailed comparison of each topic for both joining solutions.

	Welding		Riveting	
Speed / Cycle time	+	Variable speed, and usually long cycle time, as these depend on the type of the materials to be joined (preparation time, dexterity of the operator, etc.)	++++	High speed and short cycle time
Operator qualification	+	Generally, the quality of the joint depends entirely on the operator	++++	The quality of the joint is not operator-dependent
Operator safety	+	A suitable workstation and complete protective equipment are required (goggles, gloves, etc.)	++++	No specific protective devices required
Workstation ergonomics	++	A protective device is required on the work area (risk of fire, dazzling)	++++	No particular fitting out or arrangements required
Drilling of support materials	++++	No pre-drilling required	+	Drilling required before riveting
Cleanliness of support materials	++	The materials to be joined must be perfectly clean and degreased to ensure maximum strength	+++	No particular requirements
Inspection of the joint	+	Inspection is a long and costly process	+++	Inspection is simple and quick (visual)
Repair	+	Repair can be time-consuming and difficult (grinding, new preparation of surfaces, welding, finishing / painting)	+++	Repair is simple and does not require any preparation of the joined components (drilling or milling to remove the old rivet and fit a new one)
Required surface finish	+	Depending on the welded materials (steel), a surface protection or finish is required	++++	Riveting does not alter the appearance of the joined component and can be carried out directly on finished surfaces (no further finishing operation after riveting)
Joining of dissimilar materials	+	Welding is possible only on components made of the same material	++++	Multimaterial joining is possible, including metal-to-plastic joining

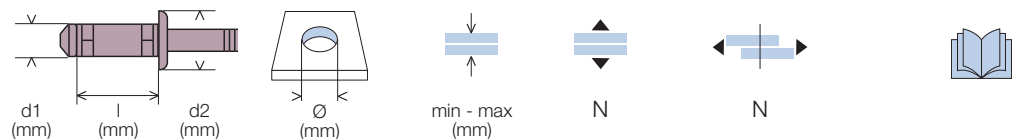
**RIVQUICK®** Structural rivets

**RIVQUICK®** Varibulb

**Benefits**

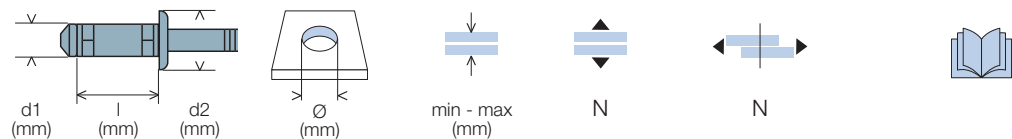
- Sturdy and vibration resistant assembly
- High shear strength
- Good distribution of the joining forces, making it possible to join thin metal sheets

Body: Zinc plated steel | Mandrel: Zinc plated steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	6,5				1,0 - 3,0		1 200	<a href="#">220 823 32065</a>
	9,0		6,3	3,3 - 3,4	3,0 - 5,0	1 300	1 750	<a href="#">220 823 32090</a>
	11,5				5,0 - 7,0		2 500	<a href="#">220 823 32115</a>
<b>4,0</b>	7,5				1,0 - 3,0		2 400	<a href="#">220 823 40075</a>
	9,5		8,0	4,1 - 4,3	3,0 - 5,0	2 800	3 500	<a href="#">220 823 40095</a>
	12,5				5,0 - 7,0		4 100	<a href="#">220 823 40125</a>
<b>4,8</b>	9,0				1,5 - 3,5		3 600	<a href="#">220 823 48090</a>
	11,5		9,6	4,9 - 5,1	3,5 - 6,0	3 800	4 200	<a href="#">220 823 48115</a>
	14,5				6,0 - 8,5		5 600	<a href="#">220 823 48145</a>
<b>6,4</b>	13,0				1,5 - 5,5			<a href="#">220 823 64130</a>
	16,5		13,4	6,6 - 6,7	5,0 - 9,0	6 800	11 100	<a href="#">220 823 64165</a>

Body: Stainless steel | Mandrel: Stainless steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>3,2</b>	6,5				1,0 - 3,0		1 600	<a href="#">220 833 32065</a>
	9,0		6,3	3,3 - 3,4	3,0 - 5,0	2 000	1 700	<a href="#">220 833 32090</a>
	11,5				5,0 - 7,0		3 200	<a href="#">220 833 32115</a>
<b>4,0</b>	7,5				1,0 - 3,0		2 800	<a href="#">220 833 40075</a>
	9,5		8,0	4,1 - 4,3	3,0 - 5,0	4 000	5 200	<a href="#">220 833 40095</a>
	12,5				5,0 - 7,0			<a href="#">220 833 40125</a>
<b>4,8</b>	9,0				1,5 - 3,5			<a href="#">220 833 48090</a>
	11,5		9,6	4,9 - 5,1	3,5 - 6,0	5 000	5 500	<a href="#">220 833 48115</a>
	14,5				6,0 - 8,5			<a href="#">220 833 48145</a>
<b>6,4</b>	13,0				1,5 - 5,5			<a href="#">220 833 64130</a>
	16,5		13,4	6,6 - 6,7	5,0 - 9,0	8 000	14 300	<a href="#">220 833 64165</a>

**RIVQUICK®** Structural rivets

**RIVQUICK®** Varibolt

**Benefits**

- High clamping force (ability to bring the sheets into contact)
- Run-off proof
- Broad grip range for a wider operating range
- High mechanical strength and vibration resistance (mechanical locking)

Body: Zinc plated steel | Mandrel: Zinc plated steel | Head: Flat

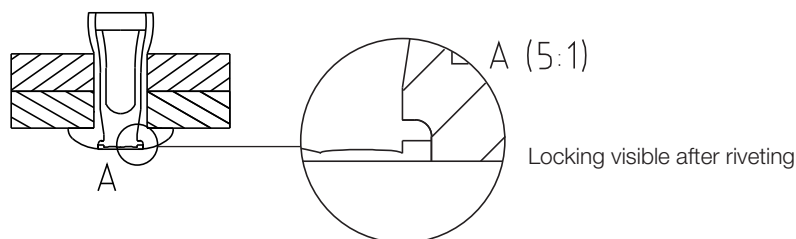


	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,8</b>	10,0	10,0	4,9 - 5,1		1,6 - 6,9	5 110	6 440	<b>220 821 48100</b>
	14,0	10,0	4,9 - 5,1		1,6 - 11,0	5 110	6 440	<b>220 821 48140</b>
<b>6,4</b>	14,0	13,3	6,6 - 7,0		2,0 - 9,5	10 450	11 780	<b>220 821 64140</b>
	19,0	13,3	6,6 - 7,0		2,0 - 15,9	10 450	11 780	<b>220 821 64190</b>

Body: Zinc plated steel | Mandrel: Zinc plated steel | Head: Countersunk



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>4,8</b>	12,0	8,6	4,9 - 5,1		3,2 - 8,4	5 110	6 440	<b>220 822 48120</b>
	16,0	10,2	4,9 - 5,1		3,2 - 12,0	5 110	6 440	<b>220 822 48160</b>
<b>6,4</b>	16,0	10,2	6,6 - 6,9		3,2 - 12,0	10 450	11 780	<b>220 822 64160</b>
	16,0	10,2	6,6 - 6,9		3,2 - 12,0	10 450	11 780	<b>220 822 64160</b>



**!** A special nose piece must be used to ensure compliant riveting

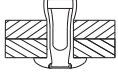


	RIVQUICK® P2000	RIVQUICK® P3000	RIVQUICK® T2	RIVQUICK® T3	RIVQUICK® B3000
Ø 4,8 Varibolt	<b>226 031 48001</b>		<b>226 021 00901</b>		<b>226 041 48002</b>
Ø 6,4 Varibolt	-	<b>226 032 64001</b>	-	<b>226 021 00902</b>	<b>226 041 64003</b>

Part numbers in blue are generally stock items subject to prior sale.



**RIVQUICK®** Structural rivets



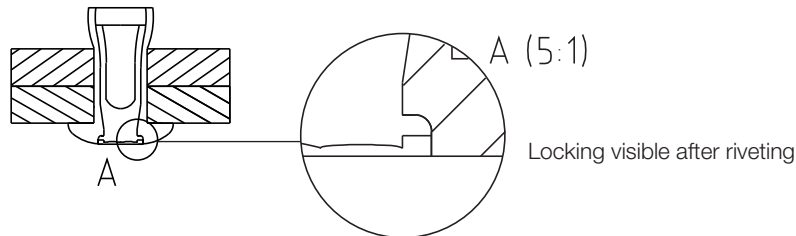
Body: Stainless steel | Mandrel: Stainless steel | Head: Flat

<b>4,8</b>	10,0 14,0	10,0	4,9 - 5,1	1,6 - 6,9 1,6 - 11,0	5 110 6 440	<b>220 831</b> 48100 <b>220 831</b> 48140
<b>6,4</b>	14,0 19,0	13,3	6,6 - 7,0	2,0 - 9,5 2,0 - 15,9	10 450 11 780	<b>220 831</b> 64140 <b>220 831</b> 64190



Body: Stainless steel | Mandrel: Stainless steel | Head: Countersunk

<b>6,4</b>	16,0	10,2	6,6 - 7,0	3,2 - 12,0	10 450 11 780	<b>220 832</b> 64160



**A special nose piece must be used to ensure compliant riveting**



	<b>RIVQUICK® P2000</b>	<b>RIVQUICK® P3000</b>	<b>RIVQUICK® T2</b>	<b>RIVQUICK® T3</b>	<b>RIVQUICK® B3000</b>
Ø 4,8 Varibolt	<b>226 031</b> 48001		<b>226 021</b> 00901		<b>226 041</b> 48002
Ø 6,4 Varibolt	-	<b>226 032</b> 64001	-	<b>226 021</b> 00902	<b>226 041</b> 64003

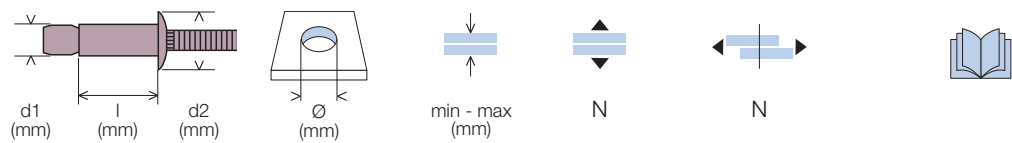
Part numbers in blue are generally stock items subject to prior sale.

**RIVQUICK® Varibolt Plus**

**Benefits**

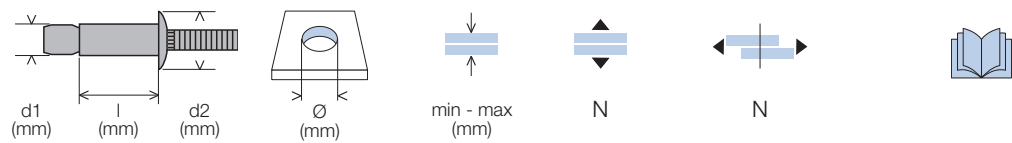
- High clamping force (ability to bring the sheets into contact)
- Run-off proof
- Broad grip range for a wider operating range
- High mechanical strength and vibration resistance (mechanical locking)
- **Does not require the use of a special nose piece (internal locking)**

Body: Zinc plated steel | Mandrel: Zinc plated steel | Head: Flat



<b>6,4</b>	14,0	13,2	6,6 - 7,0	2,0 - 9,5	8 900	13 340	<b>220 821 64141</b>
	20,0			2,0 - 15,9			<b>220 821 64201</b>

Body: Aluminium | Mandrel: Aluminium | Head: Flat



<b>6,4</b>	14,0	13,2	6,6 - 7,0	2,0 - 9,5	4 000	6 230	<b>220 871 64141</b>
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**RIVQUICK® Varilock**

**Benefits**

- Large seating surface for good distribution of the joining forces
- Allows joining of thin parts
- Very high mechanical strength

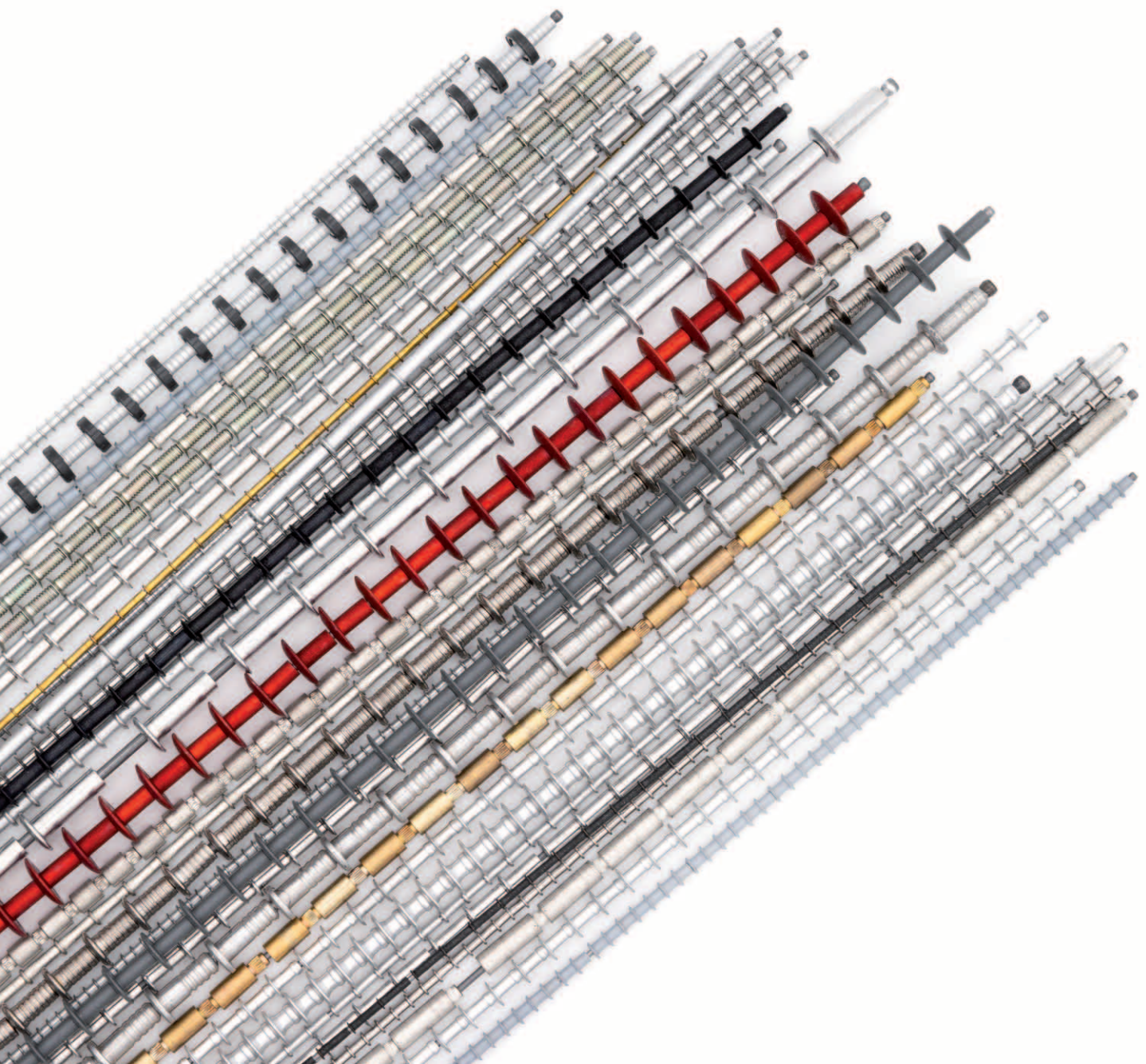
Body: Zinc plated steel | Mandrel: Zinc plated steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
<b>6,4</b>	10,7				2,8 - 4,8		12 000	<a href="#">223 824 64150</a>
	12,7				4,8 - 6,8		12 500	<a href="#">223 824 64170</a>
	14,7	13,6		6,7 - 6,9	6,8 - 8,8	8 800	14 000	<a href="#">223 824 64190</a>
	16,7				8,8 - 10,8		16 000	<a href="#">223 824 64210</a>
	18,7				10,8 - 12,8		16 000	<a href="#">223 824 64230</a>

# **RIVQUICK®**

## SPEED RIVETS



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**RIVQUICK®** Speed rivets

**RIVQUICK®** Varispeed

**Benefits**

- Large variety of material combinations and sizes
- Broad grip range
- Economical solution



Aluminium | Head: Flat

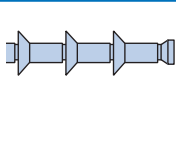
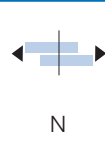
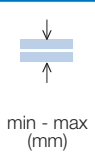
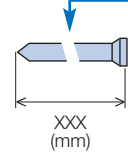
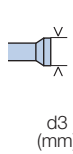
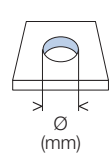
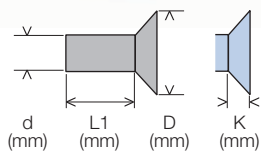
	d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N			
<b>1,9</b>	3,2	3,35	0,65		2,0	1,5	485 / 510	1,0 - 2,0	189	80	50 000	U-AF193215XXX
					2,1	1,6						U-AF193216XXX
					2,2	1,7						U-AF193217XXX
	5,0				2,0	1,5	485 / 510 / 785	1,0 - 3,5		52 / 104	25 000 / 50 000	U-AF195015XXX
					2,1	1,6						U-AF195016XXX
					2,2	1,7						U-AF195017XXX
<b>2,4</b>	5,5	4,8	0,6		2,5	1,8	485 / 510 / 785	1,0 - 4,0	450	52 / 104	25 000 / 50 000	U-AF245518XXX
					2,6	1,9						U-AF245519XXX
					2,7	2,0						U-AF245520XXX
	6,5				2,5	1,8	485 / 510 / 785	1,0 - 5,0		42 / 84	20 000 / 40 000	U-AF246518XXX
					2,6	1,9						U-AF246519XXX
					2,7	2,0						U-AF246520XXX
<b>3,0</b>	5,5	5,8	1,0		3,1	2,3	485 / 510 / 785	1,0 - 4,0	750	53 / 106	25 000 / 50 000	U-AF305523XXX
					3,2	2,4						U-AF305524XXX
					3,3	2,5						U-AF305525XXX
	6,5				3,1	2,3	485 / 510 / 785	1,0 - 5,0		40 / 60	20 000 / 40 000	U-AF306523XXX
					3,2	2,4						U-AF306524XXX
					3,3	2,5						U-AF306525XXX
	8,5				3,1	2,3	485 / 510 / 785	1,0 - 7,0		31 / 62	15 000 / 30 000	U-AF308523XXX
					3,2	2,4						U-AF308524XXX
					3,3	2,5						U-AF308525XXX
<b>3,2</b>	5,5	6,2	1,0		3,3	2,5	485 / 510 / 785	1,0 - 4,0	900	53 / 106	25 000 / 50 000	U-AF325525XXX
					3,4	2,6						U-AF325526XXX
					3,5	2,7						U-AF325527XXX
	6,5				3,3	2,5	485 / 510 / 785	1,0 - 5,0		40 / 80	20 000 / 40 000	U-AF326525XXX
					3,4	2,6						U-AF326526XXX
					3,5	2,7						U-AF326527XXX
	8,5				3,3	2,5	485 / 510 / 785	1,0 - 7,0		31 / 62	15 000 / 30 000	U-AF328525XXX
					3,4	2,6						U-AF328526XXX
					3,5	2,7						U-AF328527XXX
<b>4,0</b>	5,0	7,8	1,3		4,1	2,6	485 / 510 / 785	1,0 - 4,0	1 400	-	17 500 / 35 000	U-AF405526XXX
					4,2	2,7						U-AF405527XXX
					4,3	2,8						U-AF405528XXX
	6,5				4,1	2,6	485 / 510 / 785	1,0 - 5,0		38 / 76	12 500 / 25 000	U-AF406526XXX
					4,2	2,7						U-AF406527XXX
					4,3	2,8						U-AF406528XXX
	8,0				4,1	2,6	485 / 510 / 785	1,0 - 7,0		30 / 60	10 000 / 20 000	U-AF408526XXX
					4,2	2,7						U-AF408527XXX
					4,3	2,8						U-AF408528XXX
10,5				4,1	2,6	485 / 510 / 785	1,0 - 9,0		25 / 50	7 500 / 15 000	U-AF4010526XXX	
				4,2	2,7						U-AF4010527XXX	
				4,3	2,8						U-AF4010528XXX	
<b>4,8</b>	6,5	9,8	1,5		4,9	3,3	485 / 510 / 785	1,0 - 5,0	2 150	37 / 74	10 000 / 20 000	U-AF486533XXX
					5,0	3,4						U-AF486534XXX
					5,1	3,5						U-AF486535XXX
	8,5				4,9	3,3	485 / 510 / 785	1,0 - 7,0		30 / 60	7 500 / 15 000	U-AF488533XXX
					5,0	3,4						U-AF488534XXX
					5,1	3,5						U-AF488535XXX
	10,5				4,9	3,3	485 / 510 / 785	1,0 - 9,0		25 / 50	5 000 / 10 000	U-AF4810533XXX
					5,0	3,4						U-AF4810534XXX
					5,1	3,5						U-AF4810535XXX
	12,5				4,9	3,3	485 / 510 / 785	1,0 - 11,0		22 / 44	4 000 / 8 000	U-AF4812533XXX
					5,0	3,4						U-AF4812534XXX
					5,1	3,5						U-AF4812535XXX

**RIVQUICK®** Speed rivets

**RIVQUICK®** Varispeed



Aluminium | Head: Countersunk



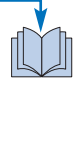
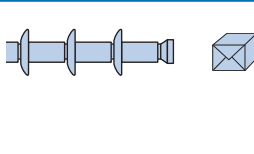
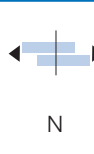
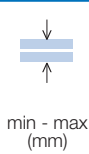
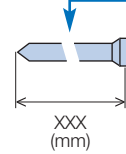
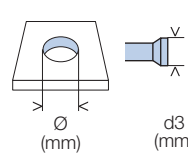
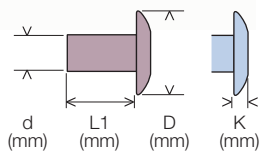
d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N				
3,0	5,5	6,0	0,8	3,1	2,3	485 / 510 / 785	1,0 - 4,0	750	52 / 104	25 000 / 50 000	U-AS305523XXX	
				3,2	2,4						U-AS305524XXX	
				3,3	2,5						U-AS305525XXX	
	6,5			3,1	2,3	485 / 510 / 785	1,0 - 5,0		44 / 88	20 000 / 40 000	U-AS306523XXX	
				3,2	2,4						U-AS306524XXX	
				3,3	2,5						U-AS306525XXX	
	8,5			3,1	2,3	485 / 510 / 785	1,0 - 7,0		34 / 68	17 500 / 35 000	U-AS308523XXX	
				3,2	2,4						U-AS308524XXX	
				3,3	2,5						U-AS308525XXX	
3,2	5,5	6,0	1,0	3,3	2,5	485 / 510 / 785	1,0 - 4,0	900	52 / 104	25 000 / 50 000	U-AS325525XXX	
				3,4	2,6						U-AS325526XXX	
				3,5	2,7						U-AS325527XXX	
	6,5			3,3	2,5	485 / 510 / 785	1,0 - 5,0		44 / 88	20 000 / 40 000	U-AS326525XXX	
				3,4	2,6						U-AS326526XXX	
				3,5	2,7						U-AS326527XXX	
	8,5			3,3	2,5	485 / 510 / 785	1,0 - 7,0		34 / 68	17 500 / 35 000	U-AS328525XXX	
				3,4	2,6						U-AS328526XXX	
				3,5	2,7						U-AS328527XXX	
4,0	6,5	7,8	1,3	4,1	2,6	485 / 510 / 785	1,0 - 4,0	1 400	44 / 88	15 000 / 30 000	U-AS406526XXX	
				4,2	2,7						U-AS406527XXX	
				4,3	2,8						U-AS406528XXX	
	8,5			4,1	2,6	485 / 510 / 785	1,0 - 7,0		34 / 68	12 500 / 25 000	U-AS408526XXX	
				4,2	2,7						U-AS408527XXX	
				4,3	2,8						U-AS408528XXX	
	10,5			4,1	2,6	485 / 510 / 785	1,0 - 9,0		29 / 58	10 000 / 20 000	U-AS4010526XXX	
				4,2	2,7						U-AS4010527XXX	
				4,3	2,8						U-AS4010528XXX	
4,8	8,5	9,8	1,8	4,9	3,3	485 / 510 / 785	1,0 - 7,0	2 150	34 / 68	8 000 / 16 000	U-AS488533XXX	
				5,0	3,4						U-AS488534XXX	
				5,1	3,5						U-AS488535XXX	
	10,5			4,9	3,3	485 / 510 / 785	1,0 - 9,0		29 / 58	6 000 / 12 000	U-AS4810533XXX	
				5,0	3,4						U-AS4810534XXX	
				5,1	3,5						U-AS4810535XXX	
	12,5			4,9	3,3	485 / 510 / 785	1,0 - 11,0		23 / 46	4 000 / 8 000	U-AS4812533XXX	
				5,0	3,4						U-AS4812534XXX	
				5,1	3,5						U-AS4812535XXX	

**RIVQUICK®** Speed rivets

**RIVQUICK®** Varispeed



Steel | Head: Flat



	d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N				
<b>3,0</b>	4,5	6,0	0,8	3,1	2,5	485 / 510 / 785	1,0 - 3,0	1,0 - 3,0	1 750	53 / 106	25 000 / 50 000	U-SF304525XXX	
				3,2	2,6							U-SF304526XXX	
				3,3	2,7							U-SF304527XXX	
	5,5	6,0	0,8	3,1	2,5	485 / 510 / 785	1,0 - 4,0	1,0 - 4,0		1,0 - 4,0	46 / 92	25 000 / 50 000	U-SF305525XXX
				3,2	2,6								U-SF305526XXX
				3,3	2,7								U-SF305527XXX
	6,5	6,0	0,8	3,1	2,5	485 / 510 / 785	1,0 - 5,0	1,0 - 5,0		1,0 - 5,0	40 / 80	20 000 / 40 000	U-SF306526XXX
				3,2	2,6								U-SF306527XXX
				3,3	2,7								U-SF306527XXX
	8,5	6,0	0,8	3,1	2,5	485 / 510 / 785	1,0 - 7,0	1,0 - 7,0		1,0 - 7,0	31 / 62	15 000 / 30 000	U-SF308525XXX
				3,2	2,6								U-SF308526XXX
				3,3	2,7								U-SF308527XXX
<b>3,2</b>	4,5	6,2	0,8	3,3	2,5	485 / 510 / 785	1,0 - 3,0	1,0 - 3,0	1 400	53 / 106	25 000 / 50 000	U-SF324525XXX	
				3,4	2,6							U-SF324526XXX	
				3,5	2,7							U-SF324527XXX	
	5,5	6,2	0,8	3,3	2,5	485 / 510 / 785	1,0 - 4,0	1,0 - 4,0		1,0 - 4,0	46 / 92	25 000 / 50 000	U-SF325525XXX
				3,4	2,6								U-SF325526XXX
				3,5	2,7								U-SF325527XXX
	6,5	6,2	0,8	3,3	2,5	485 / 510 / 785	1,0 - 5,0	1,0 - 5,0		1,0 - 5,0	40 / 80	20 000 / 40 000	U-SF326525XXX
				3,4	2,6								U-SF326526XXX
				3,5	2,7								U-SF326527XXX
	8,5	6,2	0,8	3,3	2,5	485 / 510 / 785	1,0 - 7,0	1,0 - 7,0		1,0 - 7,0	31 / 62	15 000 / 30 000	U-SF328525XXX
				3,4	2,6								U-SF328526XXX
				3,5	2,7								U-SF328527XXX
<b>4,0</b>	5,5	7,2	1,0	4,1	2,9	485 / 510 / 785	1,0 - 4,0	1,0 - 4,0	2 350	45 / 90	17 500 / 35 000	U-SF405529XXX	
				4,2	3,0							U-SF405530XXX	
				4,3	3,1							U-SF405531XXX	
	6,5	7,2	1,0	4,1	2,9	485 / 510 / 785	1,0 - 5,0	1,0 - 5,0		1,0 - 5,0	38 / 76	12 500 / 25 000	U-SF406529XXX
				4,2	3,0								U-SF406530XXX
				4,3	3,1								U-SF406531XXX
	8,5	7,2	1,0	4,1	2,9	485 / 510 / 785	1,0 - 7,0	1,0 - 7,0		1,0 - 7,0	30 / 60	10 000 / 20 000	U-SF408529XXX
				4,2	3,0								U-SF408530XXX
				4,3	3,1								U-SF408531XXX
	10,5	7,2	1,0	4,1	2,9	485 / 510 / 785	1,0 - 9,0	1,0 - 9,0		1,0 - 9,0	25 / 50	7 500 / 15 000	U-SF4010529XXX
				4,2	3,0								U-SF4010530XXX
				4,3	3,1								U-SF4010531XXX
<b>4,8</b>	6,5	9,2	1,3	4,9	3,3	485 / 510 / 785	1,0 - 5,0	1,0 - 5,0	3 100	37 / 74	10 000 / 20 000	U-SF486533XXX	
				5,0	3,4							U-SF486534XXX	
				5,1	3,5							U-SF486535XXX	
	8,5	9,2	1,3	4,9	3,3	485 / 510 / 785	1,0 - 7,0	1,0 - 7,0		1,0 - 7,0	30 / 60	7 500 / 15 000	U-SF488533XXX
				5,0	3,4								U-SF488534XXX
				5,1	3,5								U-SF488535XXX
	10,5	9,2	1,3	4,9	3,3	485 / 510 / 785	1,0 - 9,0	1,0 - 9,0		1,0 - 9,0	25 / 50	5 000 / 10 000	U-SF4810533XXX
				5,0	3,4								U-SF4810534XXX
				5,1	3,5								U-SF4810535XXX
	12,5	9,2	1,3	4,9	3,3	485 / 510 / 785	1,0 - 11,0	1,0 - 11,0		1,0 - 11,0	22 / 44	4 000 / 8 000	U-SF4812533XXX
				5,0	3,4								U-SF4812534XXX
				5,1	3,5								U-SF4812535XXX



**RIVQUICK®** Speed rivets

**RIVQUICK®** Varispeed



Steel | Head: Countersunk

d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N	N	N	N	N	
												min	max
<b>3,0</b>	5,5	6,0	0,8	3,1	2,5	485 / 510 / 785	1,0 - 4,0	1 750	52 / 104	25 000 / 50 000	U-SS305525XXX	U-SS305526XXX	U-SS305527XXX
				3,2	2,6						U-SS306525XXX	U-SS306526XXX	U-SS306527XXX
				3,3	2,7						U-SS308525XXX	U-SS308526XXX	U-SS308527XXX
	6,5	6,0	0,8	3,1	2,5	485 / 510 / 785	1,0 - 5,0	1 750	44 / 88	20 000 / 40 000	U-SS306525XXX	U-SS306526XXX	U-SS306527XXX
				3,2	2,6						U-SS308525XXX	U-SS308526XXX	U-SS308527XXX
				3,3	2,7						U-SS308525XXX	U-SS308526XXX	U-SS308527XXX
	8,5	6,0	0,8	3,1	2,5	485 / 510 / 785	1,0 - 7,0	1 750	34 / 68	17 500 / 35 000	U-SS308525XXX	U-SS308526XXX	U-SS308527XXX
				3,2	2,6						U-SS308525XXX	U-SS308526XXX	U-SS308527XXX
				3,3	2,7						U-SS308525XXX	U-SS308526XXX	U-SS308527XXX
<b>3,2</b>	5,5	6,2	1,0	3,3	2,5	485 / 510 / 785	1,0 - 4,0	1 400	52 / 104	25 000 / 50 000	U-SS325525XXX	U-SS325526XXX	U-SS325527XXX
				3,4	2,6						U-SS326525XXX	U-SS326526XXX	U-SS326527XXX
				3,5	2,7						U-SS328525XXX	U-SS328526XXX	U-SS328527XXX
	6,5	6,2	1,0	3,3	2,5	485 / 510 / 785	1,0 - 5,0	1 400	44 / 88	20 000 / 40 000	U-SS325525XXX	U-SS325526XXX	U-SS325527XXX
				3,4	2,6						U-SS326525XXX	U-SS326526XXX	U-SS326527XXX
				3,5	2,7						U-SS328525XXX	U-SS328526XXX	U-SS328527XXX
	8,5	6,2	1,0	3,3	2,5	485 / 510 / 785	1,0 - 7,0	1 400	34 / 68	17 500 / 35 000	U-SS325525XXX	U-SS325526XXX	U-SS325527XXX
				3,4	2,6						U-SS326525XXX	U-SS326526XXX	U-SS326527XXX
				3,5	2,7						U-SS328525XXX	U-SS328526XXX	U-SS328527XXX
<b>4,0</b>	6,5	7,5	1,3	4,1	2,9	485 / 510 / 785	1,0 - 5,0	2 350	44 / 88	15 000 / 30 000	U-SS406529XXX	U-SS406530XXX	U-SS406531XXX
				4,2	3,0						U-SS408529XXX	U-SS408530XXX	U-SS408531XXX
				4,3	3,1						U-SS408529XXX	U-SS408530XXX	U-SS408531XXX
	8,5	7,5	1,3	4,1	2,9	485 / 510 / 785	1,0 - 7,0	2 350	34 / 68	12 500 / 25 000	U-SS406529XXX	U-SS406530XXX	U-SS406531XXX
				4,2	3,0						U-SS408529XXX	U-SS408530XXX	U-SS408531XXX
				4,3	3,1						U-SS408529XXX	U-SS408530XXX	U-SS408531XXX
	10,5	7,5	1,3	4,1	2,9	485 / 510 / 785	1,0 - 9,0	2 350	29 / 58	10 000 / 20 000	U-SS4010529XXX	U-SS4010530XXX	U-SS4010531XXX
				4,2	3,0						U-SS4010529XXX	U-SS4010530XXX	U-SS4010531XXX
				4,3	3,1						U-SS4010529XXX	U-SS4010530XXX	U-SS4010531XXX
<b>4,8</b>	8,5	8,8	1,8	4,9	3,3	485 / 510 / 785	1,0 - 7,0	3 100	34 / 68	8 000 / 16 000	U-SS488533XXX	U-SS488534XXX	U-SS488535XXX
				5,0	3,4						U-SS4810533XXX	U-SS4810534XXX	U-SS4810535XXX
				5,1	3,5						U-SS4810533XXX	U-SS4810534XXX	U-SS4810535XXX
	10,5	8,8	1,8	4,9	3,3	485 / 510 / 785	1,0 - 9,0	3 100	29 / 58	6 000 / 12 000	U-SS488533XXX	U-SS488534XXX	U-SS488535XXX
				5,0	3,4						U-SS4810533XXX	U-SS4810534XXX	U-SS4810535XXX
				5,1	3,5						U-SS4810533XXX	U-SS4810534XXX	U-SS4810535XXX
	12,5	8,8	1,8	4,9	3,3	485 / 510 / 785	1,0 - 11,0	3 100	23 / 46	4 000 / 8 000	U-SS4812533XXX	U-SS4812534XXX	U-SS4812535XXX
				5,0	3,4						U-SS4812533XXX	U-SS4812534XXX	U-SS4812535XXX
				5,1	3,5						U-SS4812533XXX	U-SS4812534XXX	U-SS4812535XXX



Stainless steel | Head: Flat

d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N	N	N	N	N	
												min	max
<b>1,9</b>	3,2	3,3	0,7	2,0	1,6	485 / 510	1,0 - 1,5	500	80	50 000	U-EF193216XXX	U-EF193217XXX	U-EF193218XXX
				2,1	1,7						U-EF243221XXX	U-EF243222XXX	U-EF243223XXX
				2,2	1,8						U-EF245021XXX	U-EF245022XXX	U-EF245023XXX
<b>2,4</b>	3,2	4,0	0,7	2,5	2,1	485 / 510	1,0 - 1,5	600	80 / 160	50 000 / 100 000	U-EF243221XXX	U-EF243222XXX	U-EF243223XXX
				2,6	2,2						U-EF245021XXX	U-EF245022XXX	U-EF245023XXX
				2,7	2,3						U-EF246521XXX	U-EF246522XXX	U-EF246523XXX
	5,0	4,0	0,7	2,5	2,1	485 / 510	1,0 - 3,5	600	54 / 108	25 000 / 50 000	U-EF245021XXX	U-EF245022XXX	U-EF245023XXX
				2,6	2,2						U-EF246521XXX	U-EF246522XXX	U-EF246523XXX
				2,7	2,3						U-EF246521XXX	U-EF246522XXX	U-EF246523XXX
6,5	4,0	0,7	2,5	2,1	485 / 510	1,0 - 5,0	600	41 / 82	25 000 / 50 000	U-EF245021XXX	U-EF245022XXX	U-EF245023XXX	
			2,6	2,2						U-EF246521XXX	U-EF246522XXX	U-EF246523XXX	
			2,7	2,3						U-EF246521XXX	U-EF246522XXX	U-EF246523XXX	

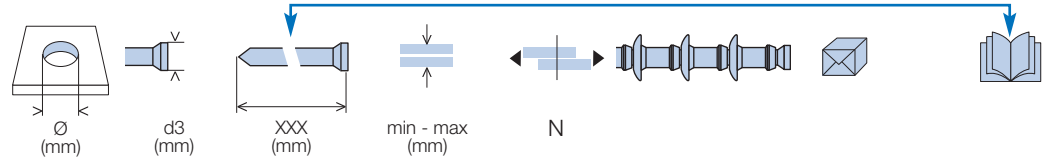
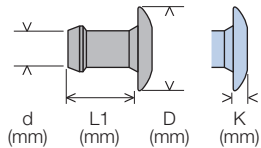
**RIVQUICK®** Speed rivets

**RIVQUICK®** Varitop

**Benefits**

- Large variety of material combinations and sizes
- Higher clamping force (ability to bring the sheets into contact)
- Good distribution of the joining forces

Aluminium | Head: Flat



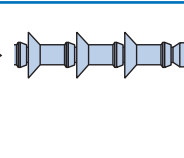
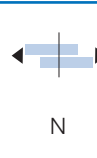
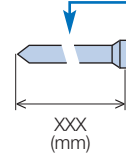
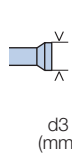
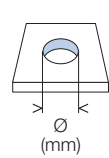
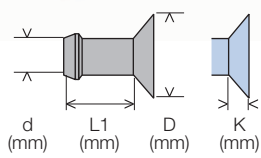
d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N				
3,2	4,3	6,1	0,9	3,2	2,4	485 / 510 / 785	1,1 - 2,4	720	58 / 116	25 000 / 50 000	T-AF324324XXX	
				3,3	2,5						T-AF324325XXX	
				3,4	2,6						T-AF324326XXX	
	5,3			3,2	2,4	485 / 510 / 785	2,2 - 3,4		49 / 98	25 000 / 50 000	T-AF325324XXX	
				3,3	2,5						T-AF325325XXX	
				3,4	2,6						T-AF325326XXX	
	6,3			3,2	2,4	485 / 510 / 785	3,2 - 4,4		42 / 84	20 000 / 40 000	T-AF326324XXX	
				3,3	2,5						T-AF326325XXX	
				3,4	2,6						T-AF326326XXX	
	7,3			3,2	2,4	485 / 510 / 785	4,2 - 5,5		37 / 74	17 500 / 35 000	T-AF327324XXX	
				3,3	2,5						T-AF327325XXX	
				3,4	2,6						T-AF327326XXX	
8,3	3,2	2,4	485 / 510 / 785	5,2 - 6,5	33 / 66	15 000 / 30 000	T-SF328324XXX					
	3,3	2,5					T-AF328325XXX					
	3,4	2,6					T-AF328326XXX					
4,0	4,9	7,9	1,0	4,0	2,9	485 / 510 / 785	1,6 - 2,9	1 100	52 / 104	17 500 / 35 000	T-AF404929XXX	
				4,1	3,0						T-AF404930XXX	
				4,2	3,1						T-AF404931XXX	
	5,9			4,0	2,9	485 / 510 / 785	2,7 - 3,9		44 / 88	15 000 / 30 000	T-AF405929XXX	
				4,1	3,0						T-AF405930XXX	
				4,2	3,1						T-AF405931XXX	
	6,9			4,0	2,9	485 / 510 / 785	3,7 - 5,0		38 / 76	12 500 / 25 000	T-AF406929XXX	
				4,1	3,0						T-AF406930XXX	
				4,2	3,1						T-AF406931XXX	
	7,9			4,0	2,9	485 / 510 / 785	4,7 - 6,0		34 / 68	10 000 / 20 000	T-AF407929XXX	
				4,1	3,0						T-AF407930XXX	
				4,2	3,1						T-AF407931XXX	
8,9	4,0	2,9	485 / 510 / 785	5,7 - 7,0	31 / 62	7 500 / 15 000	T-AF408929XXX					
	4,1	3,0					T-AF408930XXX					
	4,2	3,1					T-AF408931XXX					
9,9	4,0	2,9	485 / 510 / 785	6,7 - 8,0	28 / 56	7 500 / 15 000	T-AF409929XXX					
	4,1	3,0					T-AF409930XXX					
	4,2	3,1					T-AF409931XXX					
4,8	6,1	9,4	1,2	4,9	3,6	485 / 510 / 785	2,0 - 3,9	1 400	42 / 84	10 000 / 20 000	T-AF486136XXX	
				5,0	3,7						T-AF486137XXX	
				5,1	3,8						T-AF486138XXX	
	7,3			4,9	3,6	485 / 510 / 785	3,7 - 5,2		36 / 72	8 500 / 17 000	T-AF486139XXX	
				5,0	3,7						T-AF487336XXX	
				5,1	3,8						T-AF487337XXX	
	8,6			5,2	3,9	485 / 510 / 785	5,0 - 6,5		31 / 62	7 000 / 14 000	T-AF487338XXX	
				4,9	3,6						T-AF487339XXX	
				5,0	3,7						T-AF488636XXX	
	9,9			5,1	3,8	485 / 510 / 785	6,2 - 7,7		28 / 56	6 000 / 12 000	T-AF488637XXX	
				5,2	3,9						T-AF488638XXX	
				4,9	3,6						T-AF489339XXX	
11,1	5,0	3,7	485 / 510 / 785	7,5 - 9,0	25 / 50	5 500 / 11 000	T-AF48936XXX					
	5,1	3,8					T-AF489937XXX					
	5,2	3,9					T-AF489938XXX					
12,4	4,9	3,6	485 / 510 / 785	8,7 - 10,0	22 / 44	5 000 / 10 000	T-AF489939XXX					
	5,0	3,7					T-AF4811136XXX					
	5,1	3,8					T-AF4811137XXX					
											T-AF4811138XXX	
												T-AF4811139XXX
												T-AF4812436XXX
												T-AF4812437XXX
												T-AF4812438XXX
												T-AF4812439XXX

**RIVQUICK®** Speed rivets

**RIVQUICK®** Varitop



Aluminium | Head: Countersunk

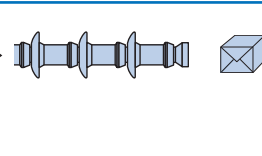
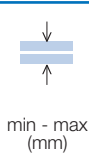
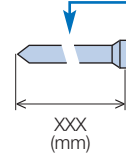
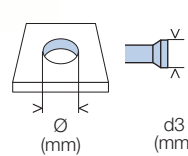
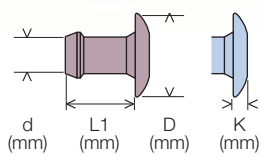


d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N				
3,2	4,8	5,5	0,8	3,3	2,4	485 / 510 / 785	1,5 - 2,8	700	64 / 128	25 000 / 50 000	T-AS324824XXX	
				3,4	2,5						T-AS324825XXX	
				3,5	2,6						T-AS324826XXX	
	5,8			3,3	2,4	485 / 510 / 785	2,5 - 3,8		53 / 106	25 000 / 50 000	T-AS325824XXX	
				3,4	2,5						T-AS325825XXX	
				3,5	2,6						T-AS325826XXX	
	6,9			3,3	2,4	485 / 510 / 785	3,5 - 4,8		45 / 90	25 000 / 50 000	T-AS326924XXX	
				3,4	2,5						T-AS326925XXX	
				3,5	2,6						T-AS326926XXX	
	7,9			3,3	2,4	485 / 510 / 785	4,5 - 5,8		39 / 78	22 500 / 45 000	T-AS327924XXX	
				3,4	2,5						T-AS327925XXX	
				3,5	2,6						T-AS327926XXX	
8,9	3,3	2,4	485 / 510 / 785	5,6 - 6,8	35 / 70	20 000 / 40 000	T-AS328924XXX					
	3,4	2,5					T-AS328925XXX					
	3,5	2,6					T-AS328926XXX					
4,0	5,2	6,5	0,9	4,0	2,9	485 / 510 / 785	1,6 - 2,9	1 100	57 / 114	17 500 / 35 000	T-AS405229XXX	
				4,1	3,0						T-AS405230XXX	
				4,2	3,1						T-AS405231XXX	
	5,7			4,0	2,9	485 / 510 / 785	2,2 - 3,4		52 / 104	17 500 / 35 000	T-AS405729XXX	
				4,1	3,0						T-AS405730XXX	
				4,2	3,1						T-AS405731XXX	
	6,2			4,0	2,9	485 / 510 / 785	2,7 - 3,9		48 / 96	15 000 / 30 000	T-AS406229XXX	
				4,1	3,0						T-AS406230XXX	
				4,2	3,1						T-AS406231XXX	
	7,2			4,0	2,9	485 / 510 / 785	3,7 - 4,9		41 / 82	15 000 / 30 000	T-AS407229XXX	
				4,1	3,0						T-AS407230XXX	
				4,2	3,1						T-AS407231XXX	
8,2	4,0	2,9	485 / 510 / 785	4,7 - 5,9	36 / 72	12 500 / 25 000	T-AS408229XXX					
	4,1	3,0					T-AS408230XXX					
	4,2	3,1					T-AS408231XXX					
9,2	4,0	2,9	485 / 510 / 785	5,7 - 6,9	32 / 64	10 000 / 20 000	T-AS409229XXX					
	4,1	3,0					T-AS409230XXX					
	4,2	3,1					T-AS409231XXX					

**RIVQUICK®** Varitop



Steel | Head: Flat



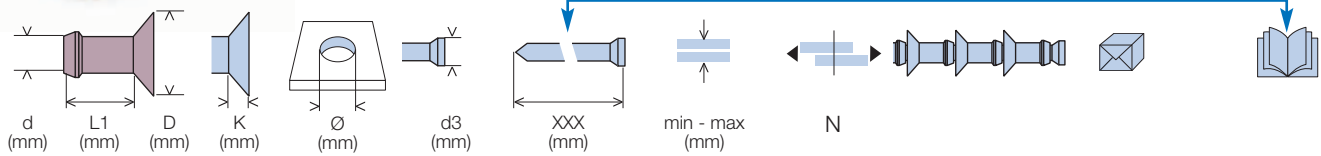
d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N				
3,2	4,3	6,1	0,9	3,2	2,4	485 / 510 / 785	1,1 - 2,4	1 100	58 / 116	25 000 / 50 000	T-SF324324XXX	
				3,3	2,5						T-SF324325XXX	
				3,4	2,6						T-SF324326XXX	
	5,3			3,2	2,4	485 / 510 / 785	2,2 - 3,4		49 / 98	25 000 / 50 000	T-SF325324XXX	
				3,3	2,5						T-SF325325XXX	
				3,4	2,6						T-SF325326XXX	
	6,3			3,2	2,4	485 / 510 / 785	3,2 - 4,4		42 / 84	20 000 / 40 000	T-SF326324XXX	
				3,3	2,5						T-SF326325XXX	
				3,4	2,6						T-SF326326XXX	
	7,3			3,2	2,4	485 / 510 / 785	4,2 - 5,5		37 / 74	17 500 / 35 000	T-SF327324XXX	
				3,3	2,5						T-SF327325XXX	
				3,4	2,6						T-SF327326XXX	
8,3	3,2	2,4	485 / 510 / 785	5,2 - 6,5	33 / 66	15 000 / 30 000	T-SF328324XXX					
	3,3	2,5					T-SF328325XXX					
	3,4	2,6					T-SF328326XXX					
9,3	3,2	2,4	485 / 510 / 785	6,2 - 7,5	29 / 58	12 500 / 25 000	T-SF329324XXX					
	3,3	2,5					T-SF329325XXX					
	3,4	2,6					T-SF329326XXX					
4,0	4,9	7,9	1,0	4,0	2,9	485 / 510 / 785	1,6 - 2,9	1 600	52 / 104	17 500 / 35 000	T-SF404929XXX	
				4,1	3,0						T-SF404930XXX	
				4,2	3,1						T-SF404931XXX	
	5,9			4,0	2,9	485 / 510 / 785	2,7 - 3,9		44 / 88	15 000 / 30 000	T-SF405929XXX	
				4,1	3,0						T-SF405930XXX	
				4,2	3,1						T-SF405931XXX	
	6,9			4,0	2,9	485 / 510 / 785	3,7 - 5,0		38 / 76	12 500 / 25 000	T-SF406929XXX	
				4,1	3,0						T-SF406930XXX	
				4,2	3,1						T-SF406931XXX	
	7,9			4,0	2,9	485 / 510 / 785	4,7 - 6,0		34 / 68	10 000 / 20 000	T-SF407929XXX	
				4,1	3,0						T-SF407930XXX	
				4,2	3,1						T-SF407931XXX	
8,9	4,0	2,9	485 / 510 / 785	5,7 - 7,0	31 / 62	7 500 / 15 000	T-SF408929XXX					
	4,1	3,0					T-SF408930XXX					
	4,2	3,1					T-SF408931XXX					
9,9	4,0	2,9	485 / 510 / 785	6,7 - 8,0	28 / 56	5 000 / 10 000	T-SF409929XXX					
	4,1	3,0					T-SF409930XXX					
	4,2	3,1					T-SF409931XXX					
4,8	6,1	9,4	1,3	4,9	3,6	485 / 510 / 785	2,0 - 3,9	2 200	42 / 84	10 000 / 20 000	T-SF486136XXX	
				5,0	3,7						T-SF486137XXX	
				5,1	3,8						T-SF486138XXX	
	7,3			4,9	3,6	485 / 510 / 785	3,7 - 5,2		36 / 72	8 500 / 17 000	T-SF486139XXX	
				5,0	3,7						T-SF487336XXX	
				5,1	3,8						T-SF487337XXX	
	8,6			4,9	3,6	485 / 510 / 785	5,0 - 6,5		31 / 62	7 000 / 14 000	T-SF487338XXX	
				5,0	3,7						T-SF487339XXX	
				5,1	3,8						T-SF488636XXX	
	9,9			4,9	3,6	485 / 510 / 785	6,2 - 7,7		28 / 56	6 000 / 12 000	T-SF488637XXX	
				5,0	3,7						T-SF488638XXX	
				5,1	3,8						T-SF488639XXX	
11,1	4,9	3,6	485 / 510 / 785	7,5 - 9,0	25 / 50	5 500 / 11 000	T-SF48936XXX					
	5,0	3,7					T-SF48937XXX					
	5,1	3,8					T-SF48938XXX					
12,4	4,9	3,6	485 / 510 / 785	8,7 - 10,0	22 / 44	5 000 / 10 000	T-SF48939XXX					
	5,0	3,7					T-SF4811136XXX					
	5,1	3,8					T-SF4811137XXX					
											T-SF4811138XXX	
												T-SF4811139XXX
												T-SF4812436XXX
												T-SF4812437XXX
												T-SF4812438XXX
												T-SF4812439XXX

**RIVQUICK®** Speed rivets

**RIVQUICK®** Varitop



Steel | Head: Countersunk



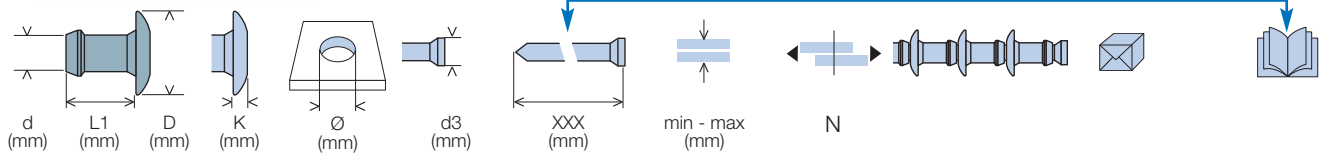
	d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N			
<b>3,2</b>	4,8	5,5	0,8	3,3	2,4	485 / 510 / 785	1,5 - 2,8	900	64 / 128	25 000 / 50 000	T-SS324824XXX	
				3,4	2,5						T-SS324825XXX	
				3,5	2,6						T-SS324826XXX	
	5,8	5,5	0,8	3,3	2,4	485 / 510 / 785	2,5 - 3,8	900	53 / 106	25 000 / 50 000	T-SS325824XXX	
				3,4	2,5						T-SS325825XXX	
				3,5	2,6						T-SS325826XXX	
	6,9	5,5	0,8	3,3	2,4	485 / 510 / 785	3,5 - 4,8	900	45 / 90	25 000 / 50 000	T-SS326924XXX	
				3,4	2,5						T-SS326925XXX	
				3,5	2,6						T-SS326926XXX	
	7,9	5,5	0,8	3,3	2,4	485 / 510 / 785	4,5 - 5,8	900	39 / 78	22 500 / 45 000	T-SS327924XXX	
				3,4	2,5						T-SS327925XXX	
				3,5	2,6						T-SS327926XXX	
8,9	5,5	0,8	3,3	2,4	485 / 510 / 785	5,6 - 6,8	900	35 / 70	20 000 / 40 000	T-SS328924XXX		
			3,4	2,5						T-SS328925XXX		
			3,5	2,6						T-SS328926XXX		
<b>4,0</b>	5,2	6,5	0,9	4,0	2,9	485 / 510 / 785	1,6 - 2,9	1 600	57 / 114	17 500 / 35 000	T-SS405229XXX	
				4,1	3,0						T-SS405230XXX	
				4,2	3,1						T-SS405231XXX	
	5,7	6,5	0,9	4,0	2,9	485 / 510 / 785	2,2 - 3,4	1 600	52 / 104	17 500 / 35 000	T-SS405729XXX	
				4,1	3,0						T-SS405730XXX	
				4,2	3,1						T-SS405731XXX	
	6,2	6,5	0,9	4,0	2,9	485 / 510 / 785	2,7 - 3,9	1 600	48 / 96	15 000 / 30 000	T-SS406229XXX	
				4,1	3,0						T-SS406230XXX	
				4,2	3,1						T-SS406231XXX	
	7,2	6,5	0,9	4,0	2,9	485 / 510 / 785	3,7 - 4,9	1 600	41 / 82	15 000 / 30 000	T-SS407229XXX	
				4,1	3,0						T-SS407230XXX	
				4,2	3,1						T-SS407231XXX	
8,2	6,5	0,9	4,0	2,9	485 / 510 / 785	4,7 - 5,9	1 600	36 / 72	12 500 / 25 000	T-SS408229XXX		
			4,1	3,0						T-SS408230XXX		
			4,2	3,1						T-SS408231XXX		
9,2	6,5	0,9	4,0	2,9	485 / 510 / 785	5,7 - 6,9	1 600	32 / 64	10 000 / 20 000	T-SS409229XXX		
			4,1	3,0						T-SS409230XXX		
			4,2	3,1						T-SS409231XXX		

**RIVQUICK®** Speed rivets

**RIVQUICK®** Varitop



Stainless steel | Head: Flat



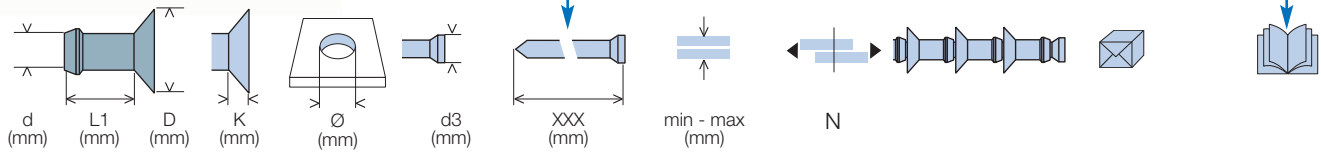
d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N				
<b>3,2</b>	4,3	6,1	0,9	3,2	2,4	485 / 510	1,1 - 2,4	1 300	58	25 000	T-EF324324XXX	
				3,3	2,5						T-EF324325XXX	
				3,4	2,6						T-EF324326XXX	
	3,2			2,4	485 / 510	2,2 - 3,4	T-EF325324XXX					
	3,3			2,5			T-EF325325XXX					
	3,4			2,6			T-EF325326XXX					
	5,3	6,3	0,9	3,2	2,4	485 / 510	3,2 - 4,4	T-EF326324XXX				
				3,3	2,5			T-EF326325XXX				
				3,4	2,6			T-EF326326XXX				
	7,3	7,9	1,0	3,2	2,4	485 / 510	4,2 - 5,5	T-EF327324XXX				
				3,3	2,5			T-EF327325XXX				
				3,4	2,6			T-EF327326XXX				
4,9				7,9	1,0	4,0	2,9	485 / 510	1,6 - 2,9	T-EF404929XXX		
						4,1	3,0			T-EF404930XXX		
						4,2	3,1			T-EF404931XXX		
5,9	7,9	1,0	4,0	2,9	485 / 510	2,7 - 3,9	T-EF405929XXX					
			4,1	3,0			T-EF405930XXX					
			4,2	3,1			T-EF405931XXX					
			6,9	7,9	1,0	4,0	2,9	485 / 510	3,7 - 5,0	T-EF406929XXX		
						4,1	3,0			T-EF406930XXX		
						4,2	3,1			T-EF406931XXX		
7,9	7,9	1,0	4,0	2,9	485 / 510	4,7 - 6,0	T-EF407929XXX					
			4,1	3,0			T-EF407930XXX					
			4,2	3,1			T-EF407931XXX					
			8,9	7,9	1,0	4,0	2,9	485 / 510	5,7 - 7,0	T-EF408929XXX		
						4,1	3,0			T-EF408930XXX		
						4,2	3,1			T-EF408931XXX		
<b>4,8</b>	6,1	9,4	1,2	4,9	3,7	485 / 510	2,0 - 4,0	3 550	42	10 000	T-EF486137XXX	
				5,0	3,8						T-EF486138XXX	
				5,1	3,9						T-EF486139XXX	
	4,9			3,7	485 / 510	3,7 - 5,2	T-EF487337XXX					
	5,0			3,8			T-EF487338XXX					
	5,1			3,9			T-EF487339XXX					
	7,3	9,4	1,2	4,9	3,7	485 / 510	5,0 - 6,5	T-EF488637XXX				
				5,0	3,8			T-EF488638XXX				
				5,1	3,9			T-EF488639XXX				
	8,6	9,4	1,2	4,9	3,7	485 / 510	6,2 - 7,8	T-EF489937XXX				
				5,0	3,8			T-EF489938XXX				
				5,1	3,9			T-EF489939XXX				
9,9	9,4	1,2	4,9	3,7	485 / 510	6,2 - 7,8	T-EF489937XXX					
			5,0	3,8			T-EF489938XXX					
			5,1	3,9			T-EF489939XXX					

**RIVQUICK®** Speed rivets

**RIVQUICK®** Varitop



Stainless steel | Head: Countersunk



3,2	d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N	1 300				
	4,8	5,8	6,9	7,9	3,3	3,4	3,5	3,3						
			5,5	0,8	3,3	2,4					64	25 000	T-ES324824XXX	
					3,4	2,5	485 / 510	1,5 - 2,8					T-ES324825XXX	
					3,5	2,6							T-ES324826XXX	
	5,8				3,3	2,4					53	25 000	T-ES325824XXX	
					3,4	2,5	485 / 510	2,5 - 3,8					T-ES325825XXX	
					3,5	2,6							T-ES325826XXX	
	6,9				3,3	2,4							T-ES326924XXX	
					3,4	2,5	485 / 510	3,5 - 4,8			45	25 000	T-ES326925XXX	
					3,5	2,6							T-ES326926XXX	
	7,9				3,3	2,4							T-ES327924XXX	
					3,4	2,5	485 / 510	4,5 - 5,8			39	22 500	T-ES327925XXX	
					3,5	2,6							T-ES327926XXX	

**RIVQUICK®** Speed rivets

**RIVQUICK®** Varitronic

**Benefits**

- Specifically designed for the electronics industry
- Different surface treatments available (insulating or conductive)



**Aluminium | Head: Flat**

d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N	51 / 102	25 000 / 50 000	E-AFR245018XXX E-AFR245019XXX E-AFR245020XXX
<b>2,4</b>	5,0	4,2	0,7	2,5	1,8	485 / 510 / 785	1,0 - 3,5	337	51 / 102	25 000 / 50 000	E-AFR245018XXX E-AFR245019XXX E-AFR245020XXX
				2,6	1,9						
				2,7	2,0						
	6,5			2,5	1,8	485 / 510 / 785	1,0 - 5,0		41 / 82	25 000 / 50 000	E-AFR246518XXX E-AFR246519XXX E-AFR246520XXX
				2,6	1,9						
				2,7	2,0						
	8,0			2,5	1,8	485 / 510 / 785	1,0 - 6,5		34 / 68	20 000 / 40 000	E-AFR248018XXX E-AFR248019XXX E-AFR248020XXX
				2,6	1,9						
				2,7	2,0						
	10,0			2,5	1,8	485 / 510 / 785	1,0 - 9,0		27 / 54	15 000 / 30 000	E-AFR2410018XXX E-AFR2410019XXX E-AFR2410020XXX
				2,6	1,9						
				2,7	2,0						
<b>2,6</b>	6,5	4,5	0,8	2,7	2,1	485 / 510 / 785	1,0 - 5,0	350	41 / 82	20 000 / 40 000	E-AFR266521XXX E-AFR266522XXX E-AFR266523XXX
				2,8	2,2						
				2,9	2,3						
	8,0			2,7	2,1	485 / 510 / 785	1,0 - 6,5		34 / 68	20 000 / 40 000	E-AFR268021XXX E-AFR268022XXX E-AFR268023XXX
				2,8	2,2						
				2,9	2,3						
	10,0			2,7	2,1	485 / 510 / 785	1,0 - 9,0		27 / 54	15 000 / 30 000	E-AFR2610021XXX E-AFR2610022XXX E-AFR2610023XXX
				2,8	2,2						
				2,9	2,3						



**Brass | Head: Flat**

d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N	51 / 102	25 000 / 50 000	E-MFR245018XXX E-MFR245019XXX E-MFR245020XXX
<b>2,4</b>	5,0	4,2	0,7	2,5	1,8	485 / 510 / 785	1,0 - 3,5	680	51 / 102	25 000 / 50 000	E-MFR245018XXX E-MFR245019XXX E-MFR245020XXX
				2,6	1,9						
				2,7	2,0						
	6,5			2,5	1,8	485 / 510 / 785	1,0 - 5,0		41 / 82	25 000 / 50 000	E-MFR246518XXX E-MFR246519XXX E-MFR246520XXX
				2,6	1,9						
				2,7	2,0						
	8,0			2,5	1,8	485 / 510 / 785	1,0 - 6,5		33 / 66	20 000 / 40 000	E-MFR248018XXX E-MFR248019XXX E-MFR248020XXX
				2,6	1,9						
				2,7	2,0						
	10,0			2,5	1,8	485 / 510 / 785	1,0 - 9,0		27 / 54	15 000 / 30 000	E-MFR2410018XXX E-MFR2410019XXX E-MFR2410020XXX
				2,6	1,9						
				2,7	2,0						

Other variants with a diameter of 1.7 mm are also available on request.



**RIVQUICK®** Speed rivets

**RIVQUICK®** Variturn

**Benefits**

- A hexagon socket is generated after riveting
- The fastener can be removed with a hex key



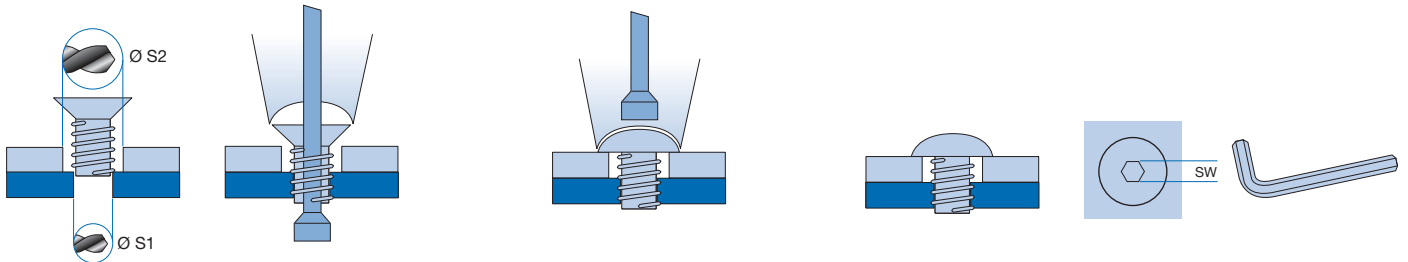
Stainless steel | Head: Countersunk

	d (mm)	L1 (mm)	D (mm)	K (mm)	S1 (mm)	S2 (mm)	d3 (mm)	XXX (mm)	min - max (mm)				
<b>2,7</b>	2,7	5,0	5,6	1,0	2,8	3,1	1,65	485 / 510	1,6 - 3,85	50	25 000	A-SSG2760-165XXX	
		7,0							1,6 - 5,80	38		20 000	A-SSG2780-165XXX
		9,0							1,6 - 7,80	30		15 000	A-SSG27100-165XXX
<b>3,0</b>	3,0	5,0	5,6	1,0	3,1	3,5	2,1	485 / 510	1,6 - 3,85	50	22 500	A-SSG3060-21XXX	
		7,0							1,6 - 5,80	38		17 500	A-SSG3080-21XXX
		9,0							1,6 - 7,80	30		12 500	A-SSG30100-21XXX
<b>3,5</b>	3,5	5,0	5,8	1,0	3,6	4,2	2,6	485 / 510	1,6 - 3,85	50	22 500	A-SSG3560-26XXX	
		7,0							1,6 - 5,80	38		17 500	A-SSG3580-26XXX
		9,0							1,6 - 7,80	30		12 500	A-SSG35100-26XXX

Head countersunk before riveting

Riveting

The countersunk head becomes a flat head after riveting



**RIVQUICK®** Varisert

**Benefits**

- Ideal solution for PCB assembly operations
- Different threads and sizes available



Brass | Head: Flat

M	d (mm)	L1 (mm)	D (mm)	S (mm)	C (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)										
<b>M 2,5</b>	2,5	5,5	4,0	2,5	3,4	2,7	1,8	485 / 510	0,8 - 2,0	37	10 000	R-MAG254055-18XXX							
		6,0			3,9					35		R-MAG254060-18XXX							
		7,0			4,9					31		R-MAG254070-18XXX							
		8,0			5,9					28		R-MAG254080-18XXX							
		9,0			5,9					26		R-MAG254090-18XXX							
		5,5		3,4	4,0					2,5		3,4	3,3	2,2	485 / 510	0,8 - 2,4	31	10 000	R-MAG404055-18XXX
		6,0		3,9													30		R-MAG404060-18XXX
		7,0		4,9													27		R-MAG404070-18XXX
		8,0		5,9													25		R-MAG404080-18XXX
		9,0		5,9													23		R-MAG404090-18XXX
<b>M 3,0</b>	3,0	5,5	4,8	2,5	3,4	3,3	2,2	485 / 510	0,8 - 2,0	37	10 000	R-MAG254855-22XXX							
		6,0			3,9					35		R-MAG254860-22XXX							
		7,0			4,9					31		R-MAG254870-22XXX							
		8,0			5,9					28		R-MAG254880-22XXX							
		9,0			5,9					26		R-MAG254890-22XXX							
		5,5		3,4	4,0					2,5		3,4	3,3	2,2	485 / 510	0,8 - 2,4	31	10 000	R-MAG404855-22XXX
		6,0		3,9													30		R-MAG404860-22XXX
		7,0		4,9													27		R-MAG404870-22XXX
		8,0		5,9													25		R-MAG404880-22XXX
		9,0		5,9													23		R-MAG404890-22XXX

# **RIVQUICK®** SETTING TOOLS



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**RIVQUICK®** – Hand-operated setting tools

**RIVQUICK® BRS 02** - Plier type setting tool

- Quick familiarisation and easy to use
- Supplied with nose pieces dia. 2.4, 3.2, 4 and 4.8



	Ø RIVQUICK®							
	2,4	3,0	3,2	4,0	4,8	5,0	6,0	6,4
Aluminium	■	■	■	■	■	■		
Zinc plated steel	■	■	■	■	■	■		
Stainless steel	■	■	■					

540 g

**225 020 00000**

**RIVQUICK® BRS 10** - Lever type setting tool

- Stable and easy to use
- High clamping force (lever effect)
- Mandrel collector



	Ø RIVQUICK®							
	2,4	3,0	3,2	4,0	4,8	5,0	6,0	6,4
Aluminium		■	■	■	■	■	■	■
Zinc plated steel		■	■	■	■	■	■	■
Stainless steel		■	■	■	■	■	■	

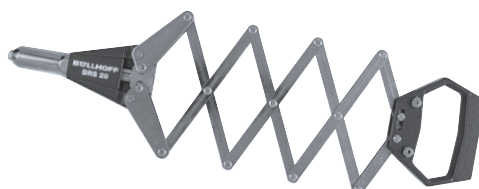
1900 g

**225 210 00000**



**RIVQUICK® BRS 20** - Extension type setting tool

- Simple to use
- High setting force
- Suitable for setting rivets on cladding



	Ø RIVQUICK®							
	2,4	3,0	3,2	4,0	4,8	5,0	6,0	6,4
Aluminium	■	■	■	■	■	■	■	■
Zinc plated steel	■	■	■	■	■	■	■	■
Stainless steel	■	■	■	■	■	■	■	

2000 g

**225 220 00000**

Part numbers in blue are generally stock items subject to prior sale.

**RIVQUICK®** – Hand-operated setting tools


**RIVQUICK® BRS 02 riveting kit**

Includes a RIVQUICK® BRS 02 plier type setting tool and a selection of aluminium rivets with steel mandrel, flat head and large head.



d1 (mm)	l (mm)	Flat head	Large head
3,0	6,0	■	
3,0	8,0	■	
4,0	8,0	■	
4,0	10,0	■	
4,0	12,0	■	
4,0	10,0		■

	+	1 x Ø 3,1 mm
		1 x Ø 4,1 mm

 **225 020 00501**

# RIVQUICK® P series – Hydropneumatic setting tools

	<b>RIVQUICK® P1000</b>	<b>RIVQUICK® P2000</b>	<b>RIVQUICK® P3000</b>
Tool stroke	17 mm	21 mm	25 mm
Setting force	7 300 N	12 500 N	16 000 N
Operating air pressure	5 bar (min.) to 7 bar (max.)	5 bar (min.) to 7 bar (max.)	5 bar (min.) to 7 bar (max.)
Weight	1,250 kg	1,650 kg	2,050 kg

- 1/4 turn removable mandrel collector
- Vacuum mandrel collection

## RIVQUICK® P1000



	Ø RIVQUICK®									
	2,4*	3,0*	3,2*	4,0	4,8	4,8V	5,0	6,0	6,4	6,4V
Aluminium	■	■	■	■	■					
Zinc plated steel	■	■	■	■	■					
Stainless steel	■	■	■	■	■					

**226 030 01000**

\*Conversion kit **226 030 00086** is necessary for nose pieces Ø 2.4 and Ø 3.2 (for mandrel diameters < 2.0 mm)

## RIVQUICK® P2000



	Ø RIVQUICK®									
	2,4*	3,0*	3,2*	4,0	4,8	4,8V	5,0	6,0	6,4	6,4V
Aluminium				■	■	■	■	■	■	
Zinc plated steel				■	■	■	■	■	■	
Stainless steel				■	■	■	■	■	■	

**226 031 01000**

Recommended for RIVQUICK® Varibulb and RIVQUICK® Varibolt Ø 4.8 mm. To set RIVQUICK® Varibolt rivets, a nose piece Varibolt Ø 4.8 (226 031 48001) must be used.

## RIVQUICK® P3000



	Ø RIVQUICK®									
	2,4*	3,0*	3,2*	4,0	4,8	4,8V	5,0	6,0	6,4	6,4V
Aluminium					■	■	■	■	■	■
Zinc plated steel					■	■	■	■	■	■
Stainless steel					■	■	■	■	■	■




**226 032 01000**

Recommended for RIVQUICK® Varibolt and RIVQUICK® Varilock Ø 6.4 mm. To set RIVQUICK® Varibolt rivets, nose pieces Varibolt Ø 4.8 (226 031 48001) and Varibolt Ø 6.4 (226 032 64001) must be used.

Part numbers in blue are generally stock items subject to prior sale.

**RIVQUICK® P series** – Hydropneumatic setting tools


## Spare parts / Tooling

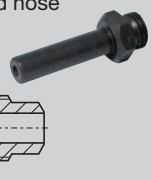
		RIVQUICK® P1000	RIVQUICK® P2000	RIVQUICK® P3000
Nose piece 	Ø 2,4	226 030 24001*	–	–
	Ø 3,2	● 226 030 32001*	–	–
	Ø 4,0	226 030 40001		–
	Ø 5,0	● 226 030 50001		
	Ø 6,0	–	● 226 031 60001	
	Ø 6,4	–	226 031 64001	● 226 031 64001
	Ø 4,8 Varibolt	–	● 226 031 48001	
	Ø 6,4 Varibolt	–	● 226 032 64001	
1 set of jaws 3 pieces 	Ø 2,4 → Ø 6,4	226 030 00002		
1 set of jaws 3 pieces 	< Ø 2,4	226 030 00089		

● = Supplied with a new machine

 \*Conversion kit [226 030 00086](#) is necessary for nose pieces Ø 2.4 and Ø 3.2 (for mandrel diameters < 2.0 mm)

## Accessories

		RIVQUICK® P1000	RIVQUICK® P2000	RIVQUICK® P3000
Extended noses 	XX = 110 mm	226 030 00110	226 031 00110	226 032 00110
	XX = 160 mm	226 030 00120	226 031 00120	226 032 00120
	XX = 210 mm	226 030 00130	226 031 00130	226 032 00130
Extended mandrel collector / large capacity 		226 030 00087		
Conversion kit for mandrel Ø < 2 mm 		226 030 00086		
Stäubli air fitting kit 	Ø 6,0	282 590 10988		
	Ø 8,0	282 590 10989		

		L +10 mm	L +15 mm	L +20 mm	L +25 mm
Extended nose pieces 	Ø 2,4	226 030 24101	226 030 24151	226 030 24201	226 030 24251
	Ø 3,2	226 030 32101	226 030 32151	226 030 32201	226 030 32251
	Ø 4,0	226 030 40101	226 030 40151	226 030 40201	226 030 40251
	Ø 5,0	226 030 50101	226 030 50151	226 030 50201	226 030 50251
	Ø 6,0	226 030 60101	226 030 60151	226 030 60201	226 030 60251
	Ø 6,4	226 030 64101	226 030 64151	226 030 64201	226 030 64251



Dedicated to special rivets with extended mandrels

Part numbers in blue are generally stock items subject to prior sale.

**RIVQUICK® B series** – Battery-powered setting tools

	<b>RIVQUICK® B2000</b>	<b>RIVQUICK® B3000</b>
Tool stroke	20 mm	27 mm
Setting force	10 000 N	18 000 N
Weight	2,000 kg	2,200 kg

- 1/4 turn removable mandrel collector

**RIVQUICK® B2000**



	Ø RIVQUICK®							
	2,4	3,0	3,2	4,0	4,8	5,0	6,0	6,4
Aluminium	■	■	■	■	■	■		
Zinc plated steel	■	■	■	■	■	■		
Stainless steel	■	■	■	■	■	■		

 **226 040 01000**

**RIVQUICK® B3000**







	Ø RIVQUICK®							
	2,4	3,0	3,2	4,0	4,8	5,0	6,0	6,4
Aluminium				■	■	■	■	■
Zinc plated steel				■	■	■	■	■
Stainless steel				■	■	■	■	■

 **226 041 01000**




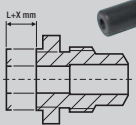
## RIVQUICK® B series – Battery-powered setting tools

### Spare parts / Tooling

		RIVQUICK® B2000	RIVQUICK® B3000
Nose piece 	Ø 2,4	● 226 040 24001	–
	Ø 3,2	● 226 040 32001	–
	Ø 4,0	● 226 040 40001	
	Ø 5,0	● 226 040 50001	
	Ø 6,0	–	● 226 041 60001
	Ø 6,4	–	● 226 041 64001
	Ø 4,8 Varibolt	–	● 226 041 48002
	Ø 6,4 Varibolt	–	● 226 041 64003
1 set of jaws 3 pieces 	Ø 2,4 → Ø 6,0	226 040 00004	
	Ø 6,4	–	226 041 00004
Battery 	Li-Ion-14,4V 1,4Ah	226 040 00018	
	Li-Ion-14,4V 2,8Ah	226 040 00019	
Battery charger 		EU version: 226 040 00020	
		UK version: 226 040 00025	
	100-240V ~50-60Hz-1A	US version: 226 040 00026	

● = Supplied with a new machine

### Accessories

		L + 15 mm
Extended nose pieces  	Ø 3,2	226 040 32002
	Ø 4,0	226 040 40002
	Ø 5,0	226 040 50002

! Dedicated to special rivets with extended mandrels

# **RIVQUICK®**

## SPEED RIVET SETTING TOOLS



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**RIVQUICK®** – Speed rivet setting tools

**RIVQUICK® P100SR / P200SR / P300SR**

Pneumatic tools



- Simple and universal tool
- Sturdy and reliable
- Easy maintenance

	<b>RIVQUICK® P100SR</b>	<b>RIVQUICK® P200SR</b>	<b>RIVQUICK® P300SR</b>	
Weight (kg)	1,5	1,9	2,20	
Setting force (kN)	2,3	4,6	6,9	
Air consumption (L/cycle)	1,1	2,2	3,3	
Tool stroke (mm)	25	25	25	
Mandrel length (mm)	485/510	485/510	485/510	
Max. rivet diameter (mm)	Aluminium	3,2	4,8	6,4
	Zinc plated steel	3,2	4,8	6,4
	Stainless steel	2,4	4,0	5,0
Item code	<b>226 063</b> 01000	<b>226 064</b> 01000	<b>226 065</b> 01000	

**RIVQUICK® P110SR / P210SR / P310SR**

Vertical tools



- Flexible use
- Quick and easy positioning using a load balancer
- Easy to integrate

	<b>RIVQUICK® P110SR</b>	<b>RIVQUICK® P210SR</b>	<b>RIVQUICK® P310SR</b>	
Weight (kg)	1,6	1,9	2,20	
Setting force (kN)	2,3	4,6	6,9	
Air consumption (L/cycle)	1,1	2,2	3,3	
Tool stroke (mm)	25	25	25	
Mandrel length (mm)	485 / 510	785	785	
Max. rivet diameter (mm)	Aluminium	3,2	4,8	6,4
	Zinc plated steel	3,2	4,8	6,4
	Stainless steel	2,4	4,0	5,0
Item code	<b>226 063</b> 01002	<b>226 064</b> 01002	<b>226 065</b> 01002	

**RIVQUICK®** – Speed rivet setting tools

**RIVQUICK® P1000 SR / P2000 SR**

Hydropneumatic tools



- Light and ergonomically designed
- Very high setting speed
- Easy maintenance

	RIVQUICK® P1000 SR	RIVQUICK® P2000 SR	
Weight (kg)	1,95	2,35	
Setting force (kN)	7,3	12,5	
Air consumption (L/cycle)	1,5	2,0	
Tool stroke (mm)	30	30	
Mandrel length (mm)	485/510	485/510	
Max. rivet diameter (mm)	Aluminium	4,8	6,4
	Zinc plated steel	4,8	6,4
	Stainless steel	4,0	5,0
Item code	<b>226 061</b> 01000	<b>226 062</b> 01000	

Vertical versions are also available on request: **RIVQUICK® P1010 SR** - Réf. **226 061** 01002

**RIVQUICK® P2010 SR** - Réf. **226 062** 01002

Selection of noses and springs

The nose must match the diameter of the rivet, the shape of the head and the riveting point, as it has an impact on the setting operation and on the mechanical strength of the joint. For normal applications, the standard nose should be used. For riveting points with difficult access, long or bent noses are recommended.

	Rivet diameter (mm)	Flat	Concave	Mandrel spring
Standard	1,9	<b>226 060</b> 19001	<b>226 060</b> 19002	<b>226 060</b> 00200
	2,4	<b>226 060</b> 24001	<b>226 060</b> 24002	<b>226 060</b> 00206
	3,2	<b>226 060</b> 32001	<b>226 060</b> 32002	<b>226 060</b> 00207
	4,0	<b>226 060</b> 40001	<b>226 060</b> 40002	<b>226 060</b> 00208
	5,0	<b>226 060</b> 50001	<b>226 060</b> 50002	<b>226 060</b> 00210
	6,0	<b>226 060</b> 60001	<b>226 060</b> 60002	<b>226 060</b> 00212
Long	1,9	<b>226 060</b> 19003	<b>226 060</b> 19004	<b>226 060</b> 00213
	2,4	<b>226 060</b> 24003	<b>226 060</b> 24004	<b>226 060</b> 00219
	3,2	<b>226 060</b> 32003	<b>226 060</b> 32004	<b>226 060</b> 00220
	4,0	<b>226 060</b> 40003	<b>226 060</b> 40004	<b>226 060</b> 00222
	5,0	<b>226 060</b> 50003	<b>226 060</b> 50004	<b>226 060</b> 00223
	6,0	<b>226 060</b> 60003	<b>226 060</b> 60004	<b>226 060</b> 00225
Long bent	1,9	<b>226 060</b> 19005	<b>226 060</b> 19006	<b>226 060</b> 00213
	2,4	<b>226 060</b> 24005	<b>226 060</b> 24006	<b>226 060</b> 00219
	3,2	<b>226 060</b> 32005	<b>226 060</b> 32006	<b>226 060</b> 00220
	4,0	<b>226 060</b> 40005	<b>226 060</b> 40006	<b>226 060</b> 00222
	5,0	<b>226 060</b> 50005	<b>226 060</b> 50006	<b>226 060</b> 00223
	6,0	<b>226 060</b> 60005	<b>226 060</b> 60006	<b>226 060</b> 00225

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<b>220 211</b> 32080	<b>28</b>	<b>220 314</b> 40080	<b>19</b>	220 321 48140	22	220 331 64120	24	220 371 48120	21	220 413 48350	30
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220 312 48180	18	220 321 40300	22	220 331 48180	24	220 371 40160	21	220 413 48160	30	220 611 30180	16
220 312 48200	18	220 321 48060	22	220 331 48200	24	220 371 40180	21	220 413 48200	30	220 611 32060	16
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