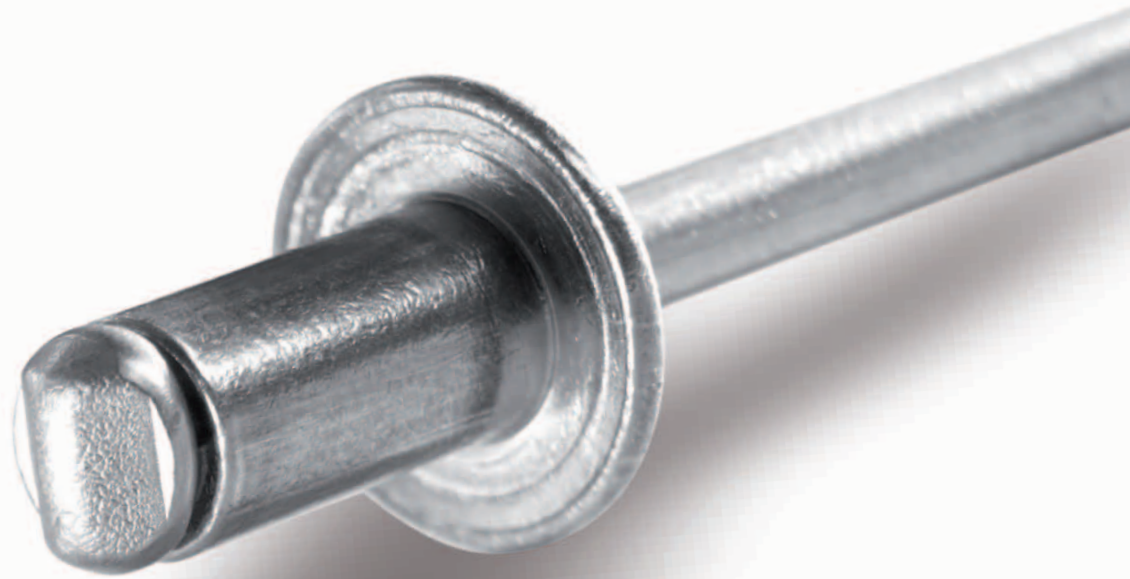


BÖLLHOFF

RIVQUICK®

Standard and high-strength break stem rivets



PASSION FOR
SUCCESSFUL JOINING



RIVQUICK® - General presentation

Function and advantages	4
Working principle and setting	5
Break stem rivets	5
Speed rivets	7
Materials and surface treatments	8
Additional services	10
Symbol list.	11
Selection guide	12

Conventional rivets

Standard rivets	16
Multigrip rivets	28
Peel type rivets	30
Slotted rivets	30
Sealed type rivets.	31
Coloured rivets	34
Earthing rivets.	35

Structural rivets

A possible alternative to welding	38
Varibulb.	39
Varibolt	40
Varibolt Plus.	42
Varilock	43

Speed rivets

Varispeed	46
Varitop	50
Varitronic.	56
Variturn	57
Varisert	57

Setting tools

Hand-operated	60
Hydropneumatic	62
Electric / Battery-powered	64

Setting tools for speed rivets

Pneumatic.	68
Hydropneumatic	69
Noses and springs	69

Part number index.	70
----------------------------	----

RIVQUICK® – Function and advantages

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.



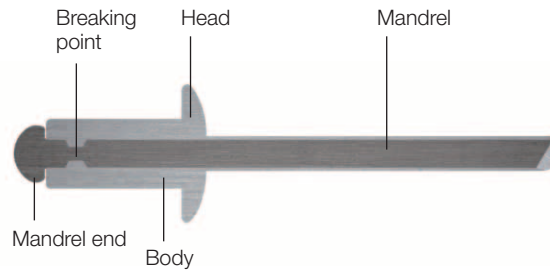
RIVQUICK® – Working principle and setting

Break stem rivet

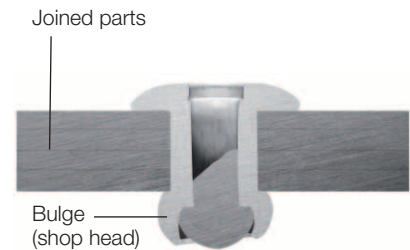
Break stem rivets are produced from durable materials and are made up of 2 components: the body and the mandrel.

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

RIVQUICK® standard rivet



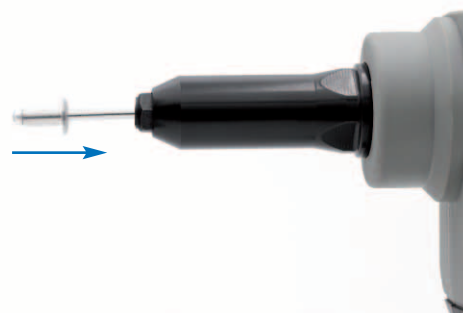
RIVQUICK® standard rivet after setting



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!

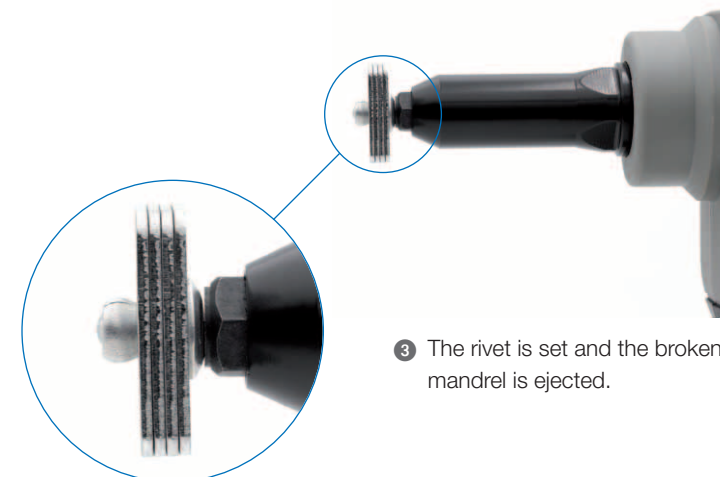
Setting sequence



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.



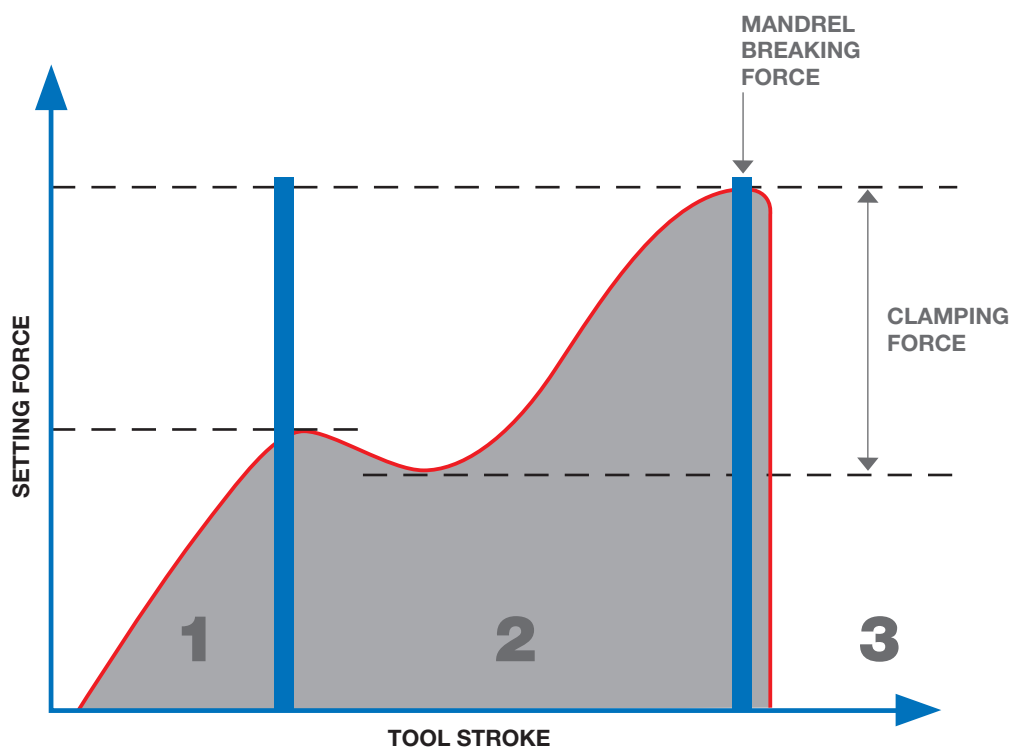
3 The rivet is set and the broken mandrel is ejected.

RIVQUICK® – Working principle and setting

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

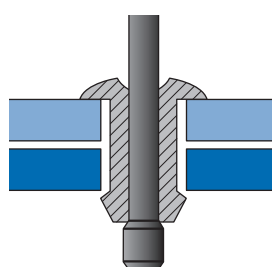
Speed rivet

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.

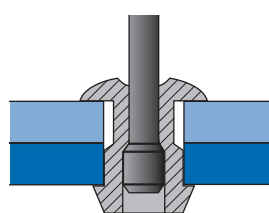
Speed rivets are used in various sectors, such as lighting, light metal fabrication, automotive and electronic sub-assemblies.



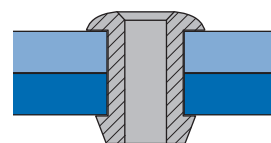
Setting sequence



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
CLASSIC RIVETS	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
STRUCTURAL RIVETS	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
SPEED RIVETS	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

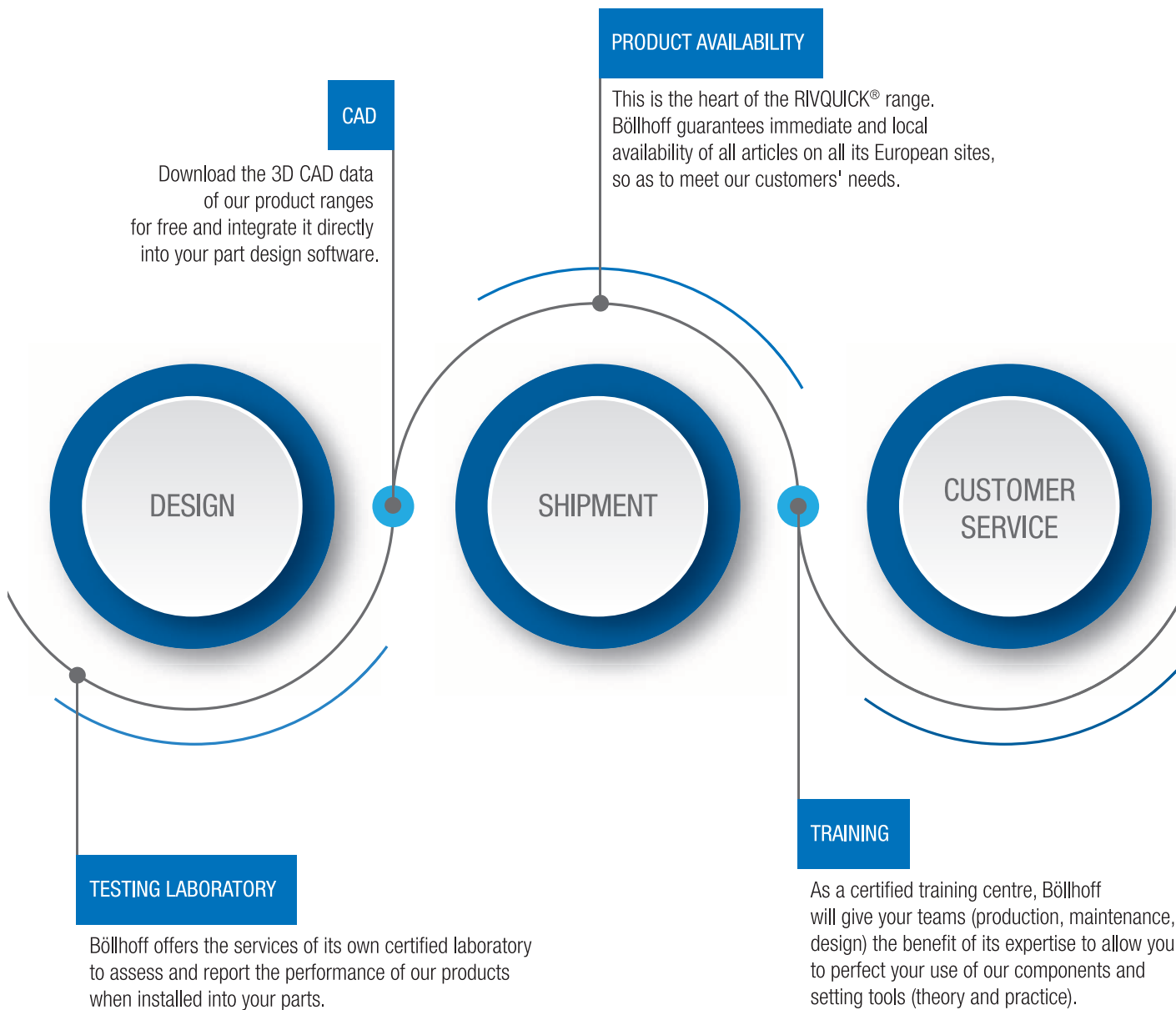
	Passivated austenitic stainless steel	Nickel-Copper	Brass	Copper-Nickel-Zinc	Unpassivated austenitic stainless steel	Steel	Zinc-Nickel	Aluminium alloy	Zinc	Magnesium
Passivated austenitic stainless steel	—	*	**	**	**	***	***	***	***	***
Nickel-Copper	*	—	*	**	**	**	***	***	***	***
Brass	**	*	—	*	*	**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



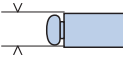
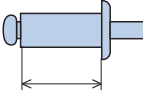
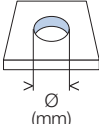
Galvanic couple

* No risk of corrosion ** Low risk of corrosion *** Risk of corrosion **** High risk of corrosion

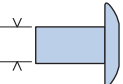
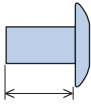
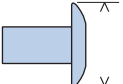
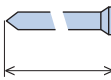
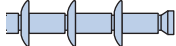
RIVQUICK® – Additional services



RIVQUICK® – Symbol list

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

Additional symbols for speed rivets

			
Body diameter	Body length	Head diameter	Head height
			
Mandrel head diameter	Mandrel length	Pieces per mandrel	Item code

★ 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

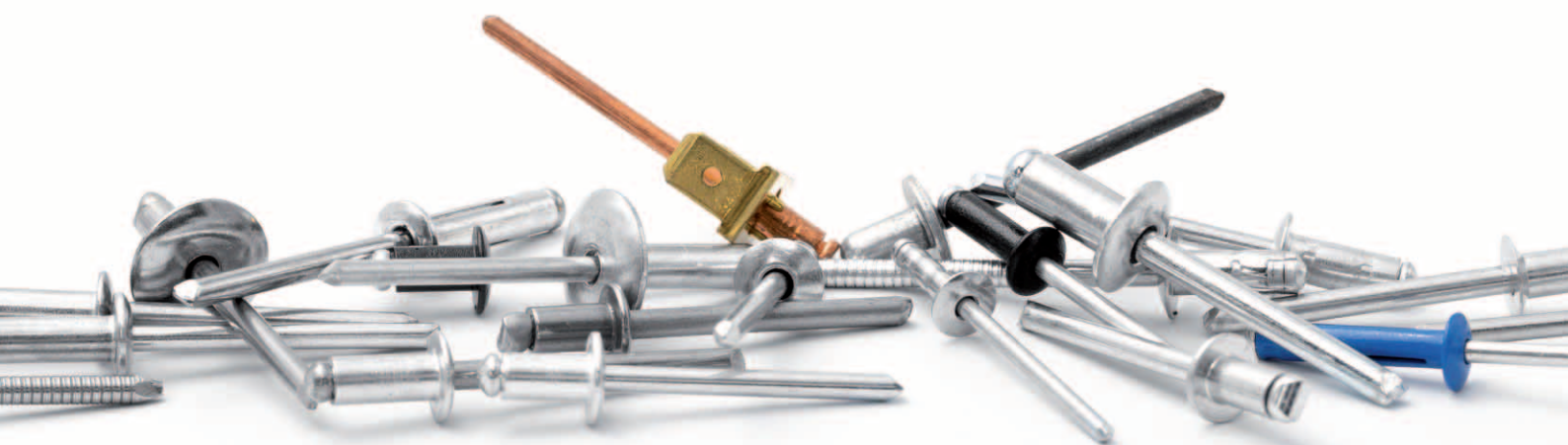
	Body material	Mandrel material					Head type			
		Aluminium	Steel	Stainless steel	Stainless steel A4	Copper plated steel	Flat	Countersunk	Large	Extra-large
RIVQUICK® conventional rivets										
Standard rivets	Aluminium									
										
										
										
										
	Steel									
									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

RIVQUICK® – Selection guide

Body diameter															Mechanical stresses			Corrosion resistance		Page
1,7	1,9	2,4	2,6	2,7	3,0	3,2	3,5	4,0	4,8	5,0	6,0	6,4	M 2,5	M 3,0	Low	Standard	High	Standard	High	
																				21
																				16
																				18
																				19
																				19
																				20
																				22
																				23
																				24
																				25
																				26
																				27
																				30
																				30
																				31
																				31
																				32
																				32
																				32
																				33
																				33
																				28
																				28
																				28
																				29
																				29
																				29
																				29
																				34
																				35
																				39
																				39
																				40
																				40
																				41
																				41
																				42
																				42
																				43
																				46
																				47
																				48
																				49
																				49
																				50
																				51
																				52
																				53
																				54
																				55
																				56
																				56
																				57
																				57

RIVQUICK®

CONVENTIONAL RIVETS



RIVQUICK® - General presentation

Function and advantages	4
Working principle and setting	5
Break stem rivets	5
Speed rivets	7
Materials and surface treatments	8
Additional services	10
Symbol list	11
Selection guide	12

Conventional rivets

Standard rivets	16
Multigrip rivets	28
Peel type rivets	30
Slotted rivets	30
Sealed type rivets.	31
Coloured rivets	34
Earthing rivets.	35

Structural rivets

A possible alternative to welding	38
Varibulb.	39
Varibolt	40
Varibolt Plus.	42
Varilock	43

Speed rivets

Varispeed	46
Varitop	50
Varitronic.	56
Variturn	57
Varisert	57

Setting tools

Hand-operated	60
Hydropneumatic	62
Electric / Battery-powered	64

Setting tools for speed rivets

Pneumatic.	68
Hydropneumatic	69
Noses and springs	69

Part number index.	70
----------------------------	----

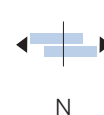
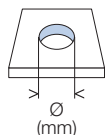
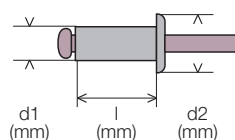
RIVQUICK® Conventional rivets

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	
2,4	4,0	5,0	2,5 - 2,6		0,5 - 2,0	450	350	220 611 24040
	6,0				2,0 - 4,0			220 611 24060
	8,0				4,0 - 6,0			220 611 24080
	10,0				6,0 - 8,0			220 611 24100
	12,0				8,0 - 10,0			220 611 24120
3,0	6,0	6,5	3,1 - 3,2		1,0 - 3,5	850	750	220 611 30060
	8,0				3,5 - 5,5			220 611 30080
	10,0				5,5 - 7,0			220 611 30100
	12,0				7,0 - 9,0			220 611 30120
	14,0				9,0 - 11,0			220 611 30140
	16,0				11,0 - 13,0			220 611 30160
	18,0				13,0 - 15,0			220 611 30180
3,2	6,0	6,5	3,3 - 3,4		1,0 - 3,5	1 000	900	220 611 32060
	8,0				3,5 - 5,5			220 611 32080
	10,0				5,5 - 7,0			220 611 32100
	12,0				7,0 - 9,0			220 611 32120
	14,0				9,0 - 11,0			220 611 32140
	16,0				11,0 - 13,0			220 611 32160
	18,0				13,0 - 15,0			220 611 32180
	20,0				15,0 - 17,0			220 611 32200
4,0	6,0	8,0	4,1 - 4,2		1,0 - 3,0	1 750	1 200	220 611 40060
	8,0				3,0 - 5,0			220 611 40080
	10,0				5,0 - 6,5			220 611 40100
	12,0				6,5 - 8,5			220 611 40120
	14,0				8,5 - 10,5			220 611 40140
	16,0				10,5 - 12,5			220 611 40160
	18,0				12,5 - 14,5			220 611 40180
	20,0				14,5 - 16,5			220 611 40200
	22,0				16,0 - 18,5			220 611 40220
	25,0				16,5 - 21,5			220 611 40250
	30,0				21,5 - 26,0			220 611 40300
	35,0				26,0 - 30,0			220 611 40350

RIVQUICK® Conventional rivets

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



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

RIVQUICK® Conventional rivets

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



d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
2,4	6,0	4,8	2,5 - 2,6	1,0 - 3,2	450	350	220 312 24060
	8,0			3,2 - 5,0			220 312 24080
	10,0			5,0 - 7,0			220 312 24100
3,0	6,0	6,0	3,1 - 3,2	1,0 - 3,5	850	750	220 312 30060
	8,0			3,5 - 5,5			220 312 30080
	10,0			5,5 - 7,0			220 312 30100
	12,0			7,0 - 9,0			220 312 30120
3,2	6,0	6,0	3,3 - 3,4	1,5 - 3,0	1 000	900	220 312 32060
	8,0			3,5 - 5,5			220 312 32080
	10,0			5,5 - 7,0			220 312 32100
	12,0			7,0 - 9,0			220 312 32120
4,0	6,0	7,5	4,1 - 4,2	1,5 - 3,0	1 750	1 200	220 312 40060
	8,0			3,0 - 5,0			220 312 40080
	10,0			5,0 - 6,5			220 312 40100
	12,0			6,5 - 8,5			220 312 40120
	14,0			8,5 - 10,5			220 312 40140
	16,0			10,5 - 12,5			220 312 40160
	18,0			12,5 - 14,5			220 312 40180
20,0	14,5 - 16,5	220 312 40200					
4,8	8,0	9,0	4,9 - 5,0	2,5 - 4,5	2 600	2 000	220 312 48080
	10,0			4,5 - 6,0			220 312 48100
	12,0			6,0 - 8,0			220 312 48120
	14,0			8,0 - 10,0			220 312 48140
	16,0			10,0 - 12,0			220 312 48160
	18,0			12,0 - 14,0			220 312 48180
	20,0			14,0 - 16,0			220 312 48200
	25,0			16,0 - 21,0			220 312 48250
	30,0			21,0 - 25,0			220 312 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	
4,0	8,0	10,5	4,1 - 4,2		3,0 - 5,0	1 750	1 200	220 314 40080
	10,0				5,0 - 6,5			220 314 40100
	12,0				6,5 - 8,5			220 314 40120
	14,0				8,5 - 10,5			220 314 40140
	16,0				10,5 - 12,5			220 314 40160
	20,0				14,5 - 16,5			220 314 40200
4,8	8,0	14,5	4,9 - 5,0		1,0 - 4,0	2 600	2 000	220 314 48080
	10,0				4,0 - 6,0			220 314 48100
	12,0				6,0 - 8,0			220 314 48120
	14,0				8,0 - 10,0			220 314 48140
	16,0				10,0 - 12,0			220 314 48160
	18,0				12,0 - 14,0			220 314 48180
	20,0				14,0 - 16,0			220 314 48200
	25,0				16,0 - 21,0			220 314 48250
	30,0				21,0 - 25,0			220 314 48300
	35,0				25,0 - 30,0			220 314 48350
	40,0				30,0 - 35,0			220 314 48400

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



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
3,2	8,0	9,8	3,3 - 3,4		3,5 - 5,0	1 000	900	220 316 32080
	10,0				5,0 - 7,0			220 316 32100
	12,0				7,0 - 9,0			220 316 32120
	14,0				9,0 - 11,0			220 316 32140
	16,0				11,0 - 13,0			220 316 32160
4,0	8,0	12,5	4,1 - 4,2		3,0 - 5,0	1 750	1 200	220 316 40080
	10,0				5,0 - 6,5			220 316 40100
	12,0				6,5 - 8,5			220 316 40120
	14,0				8,5 - 10,5			220 316 40140
	16,0				10,5 - 12,5			220 316 40160
	20,0				14,5 - 16,5			220 316 40200
4,8	8,0	16,5	4,9 - 5,0		4,0 - 6,0	2 600	2 000	220 316 48100
	12,0				6,0 - 8,0			220 316 48120
	14,0				8,0 - 10,0			220 316 48140
	16,0				10,0 - 12,0			220 316 48160
	18,0				12,0 - 14,0			220 316 48180
	20,0				14,0 - 16,0			220 316 48200
	25,0				16,0 - 21,0			220 316 48250
	30,0				21,0 - 25,0			220 316 48300
	35,0				25,0 - 30,0			220 316 48350
	40,0				31,0 - 36,0			220 316 48400

RIVQUICK® Conventional rivets

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



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

RIVQUICK® Conventional rivets

Body: Aluminium | Mandrel: Aluminium | Head: Flat



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

RIVQUICK® Conventional rivets

Body: Steel | Mandrel: Steel | Head: Flat



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

RIVQUICK® Conventional rivets



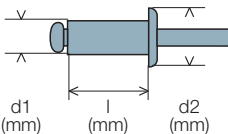
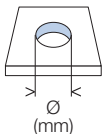
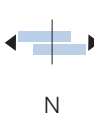
Body: Steel | Mandrel: Steel | Head: Countersunk

3,2	8,0	6,7	3,3 - 3,4	3,0 - 5,0	1 600	1 200	220 322 32080
	10,0			5,0 - 7,0			220 322 32100
	12,0			6,5 - 8,0			220 322 32120
4,0	8,0	8,4	4,1 - 4,2	2,5 - 4,5	2 600	1 900	220 322 40080
	10,0			4,5 - 6,5			220 322 40100
	12,0			6,5 - 8,5			220 322 40120
	14,0			8,5 - 10,5			220 322 40140
4,8	8,0	10,1	4,9 - 5,0	2,5 - 4,0	3 800	2 900	220 322 48080
	10,0			4,0 - 6,0			220 322 48100
	12,0			6,0 - 8,0			220 322 48120
	14,0			8,0 - 9,5			220 322 48140
	16,0			9,5 - 11,0			220 322 48160
	20,0			13,0 - 15,0			220 322 48200

RIVQUICK® Conventional rivets



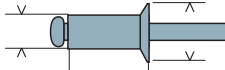
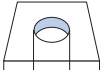
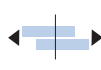
Body: Stainless steel | Mandrel: Stainless steel | Head: Flat

							
d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
3,0	6,0	6,3	3,1 - 3,2	1,0 - 3,0	2 300	2 100	220 331 30060
	8,0			220 331 30080			
	10,0			220 331 30100			
	12,0			220 331 30120			
3,2	6,0	6,7	3,3 - 3,4	0,5 - 3,0	2 650	2 200	220 331 32060
	8,0			220 331 32080			
	10,0			220 331 32100			
	12,0			220 331 32120			
4,0	6,0	8,4	4,1 - 4,2	1,0 - 2,5	4 200	3 400	220 331 40060
	8,0			220 331 40080			
	10,0			220 331 40100			
	12,0			220 331 40120			
	14,0			220 331 40140			
	16,0			220 331 40160			
	20,0			220 331 40200			
4,8	8,0	10,1	4,9 - 5,0	2,0 - 4,0	6 200	5200	220 331 48080
	10,0			220 331 48100			
	12,0			220 331 48120			
	14,0			220 331 48140			
	16,0			220 331 48160			
	18,0			220 331 48180			
	20,0			220 331 48200			
	25,0			220 331 48250			
6,0	12,0	12,0	6,1 - 6,3	4,5 - 6,0	9 200	8 500	220 331 60120
	15,0			220 331 60150			
6,4	12,0	13,0	6,5 - 6,6	3,0 - 6,0	10 500	8 500	220 331 64120
	15,0			220 331 64150			
	18,0			220 331 64180			
	25,0			220 331 64250			
	30,0			220 331 64300			

RIVQUICK® Conventional rivets

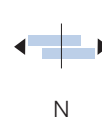
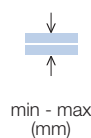
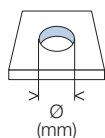
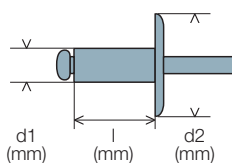
Body: Stainless steel | Mandrel: Stainless steel | Head: Countersunk



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

RIVQUICK® Conventional rivets

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



4,8	10,0	16,5	4,9 - 5,0	4,0 - 6,0	6 200	5 200	220 336 48100
	12,0			6,0 - 8,0			220 336 48120
	14,0			8,0 - 10,0			220 336 48140
	16,0			10,0 - 12,0			220 336 48160
	20,0			14,0 - 16,0			220 336 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	
3,2	6,0				0,5 - 3,0			220 381 32060
	8,0	6,7	3,3 - 3,4		3,0 - 5,0	2 650	2 200	220 381 32080
	10,0				5,0 - 6,5			220 381 32100
4,0	8,0				2,5 - 4,5			220 381 40080
	10,0	8,4	4,1 - 4,2		4,5 - 6,5	4 200	3 400	220 381 40100
	12,0				6,5 - 8,5			220 381 40120
4,8	14,0				8,5 - 10,0			220 381 40140
	8,0	10,1	4,9 - 5,0		2,0 - 4,0	6 200	5 200	220 381 48080
	10,0				4,0 - 6,0			220 381 48100
	12,0				6,0 - 8,0			220 381 48120
	14,0				7,5 - 10,0			220 381 48140

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	
3,2	8,0				0,8 - 4,8			220 211 32080
	9,5	6,65	3,3 - 3,4		1,2 - 6,4	1 050	750	220 211 32095
	11,1				4,0 - 7,9			220 211 32111
4,0	9,5				1,2 - 6,4			220 211 40100
	12,7	8,3	4,1 - 4,2		4,5 - 9,5	1 650	1 150	220 211 40127
	16,9				6,4 - 12,7			220 211 40169
4,8	10,3				1,6 - 6,4			220 211 48110
	15,1	10,0	4,9 - 5,0		4,8 - 11,1	2 200	1 600	220 211 48150
	16,9				6,4 - 12,7			220 211 48169
	24,8				12,7 - 19,8			220 211 48248

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



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
4,0	10,0	7,5	4,1 - 4,2		2,0 - 6,5	1 400	1 300	220 212 40100
4,8	12,0				2,0 - 8,0			220 212 48120
	17,0	9,0	4,9 - 5,0		7,0 - 13,0	2 300	2 000	220 212 48170

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



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
4,8	10,3				1,6 - 6,4			220 216 48103
	16,9	16,5	4,9 - 5,0		6,4 - 12,7	2 200	1 600	220 216 48169
	24,8				12,7 - 19,8			220 216 48248

RIVQUICK® Conventional rivets

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



							
d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
3,2	8,0	6,3	3,3 - 3,4	1,0 - 5,0	950	650	220 251 32080
4,0	9,5	8,0	4,1 - 4,2	1,0 - 6,0	1 850	1 250	220 251 40095

Body: Steel | Mandrel: Steel | Head: Flat



							
d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
3,2	12,0	7,6	3,3 - 3,4	1,0 - 7,0	1 400	1 100	220 221 32120
4,0	13,0	8,4	4,1 - 4,2	2,0 - 8,0	2 300	1 900	220 221 40130
4.8	11.0	10.1	4.9 - 5.0	1.5 - 6.3	3 300	3 000	220 221 48110

Body: Steel | Mandrel: Steel | Head: Countersunk



							
d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
4,8	11,0 17,0	8,9	4,9 - 5,0	2,4 - 6,4 6,4 - 12,7	3 300	3 000	220 222 48110 220 222 48170

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



							
d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
3,2	12,0	7,3	3,3 - 3,4	1,0 - 7,0	2 400	2 000	220 231 32120
4,0	10,5	8,2	4,1 - 4,2	1,4 - 4,5	3 500	2 700	220 231 40105
	13,0	8,3	4,1 - 4,2	2,0 - 8,0	3 500	2 700	220 231 40130
4.8	14.0	10.0	4.9 - 5.0	1.5 - 9.0	5 000	5 500	220 231 48140

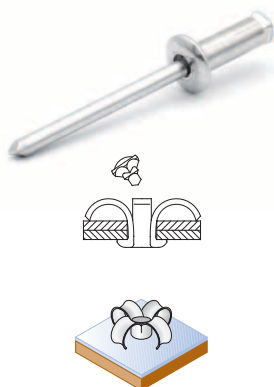
RIVQUICK® Conventional rivets

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



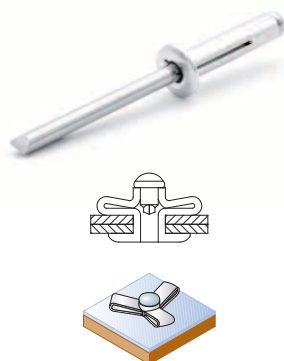
	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
4,0	12,0				4,0 - 6,5			220 413 40120
	14,0				6,0 - 9,0			220 413 40140
	16,0	8,3	4,4 - 4,5		8,0 - 11,0	1 400	1 500	220 413 40160
	18,0				10,0 - 13,0			220 413 40180
	20,0				12,0 - 15,0			220 413 40200
4,8	25,0				15,0 - 20,0			220 413 40250
	12,0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

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	
4,0	16,0				1,0 - 4,0			220 478 40160
	20,5	8,3	4,2 - 4,5		1,0 - 8,5	1 000	600	220 478 40205
	24,5				4,5 - 11,5			220 478 40245
4,8	16,0				1,0 - 4,0			220 478 48160
	21,0	10,3	5,0 - 5,25		1,0 - 9,0	1 070	780	220 478 48210
	24,0				4,0 - 12,0			220 478 48240

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	
3,2	8,0				2,0 - 3,5			220 411 32080
	9,5				3,5 - 5,0			220 411 32095
	11,0	6,7	3,3 - 3,4		5,0 - 6,5	1 400	1 200	220 411 32110
	12,0				6,0 - 7,5			220 411 32120
	13,0				7,0 - 9,0			220 411 32130
4,0	8,0				0,5 - 3,5			220 411 40080
	9,5				3,5 - 5,0			220 411 40095
	11,0	8,4	4,1 - 4,2		5,0 - 6,5	2 400	1 700	220 411 40110
	12,5				6,5 - 8,0			220 411 40125
	14,5				8,0 - 10,5			220 411 40145
4,8	9,5				3,0 - 5,0			220 411 48095
	11,0				5,0 - 6,5			220 411 48110
	13,0	10,1	4,9 - 5,0		6,5 - 8,0	3 500	2 500	220 411 48130
	14,5				8,0 - 9,5			220 411 48145
	16,0				9,5 - 11,0			220 411 48160
6,4	18,0				11,0 - 13,0			220 411 48180
	21,0				13,0 - 16,0			220 411 48210
	12,5	13,0	6,5 - 6,6		1,5 - 6,5	6 600	4 500	220 411 64125

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



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

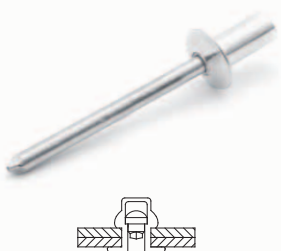
RIVQUICK® Conventional rivets

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



							
4.8	13.0	15.9	4.9 - 5.0	6.5 - 8.0	3 300	2 600	220 419 48130

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



3,2	8,0		2,0 - 3,5			220 451 32080
	9,5	6,4	3,3 - 3,4	1 550	1 200	220 451 32095
	11,0		5,0 - 6,5			220 451 32110
4,0	8,0		1,5 - 3,5	2 400	1 800	220 451 40080
	9,5	8,3	3,5 - 5,0			220 451 40095
4,8	9,5		3,5 - 5,0			220 451 48095
	11,0		5,0 - 6,5			220 451 48110
	12,5		6,5 - 8,0			220 451 48125
	14,0	9,9	7,5 - 9,0	3 500	2 400	220 451 48140
	16,0		9,5 - 11,0			220 451 48160
	18,0		11,0 - 13,0			220 451 48180
	21,0		12,0 - 16,0			220 451 48210

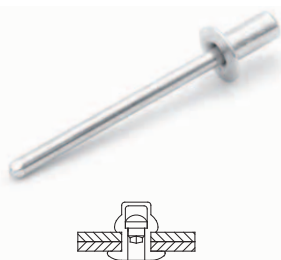
Body: Aluminium | Mandrel: Stainless steel | Head: Countersunk



4,0	9,5		3,5 - 5,0	2 400	1 800	220 452 40095
	11,0	8,3	5,0 - 6,5			220 452 40110

RIVQUICK® Conventional rivets

Body: Steel | Mandrel: Steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
4,0	8,0		8,4	4,1 - 4,2	1,5 - 3,0	2 200	2 000	220 421 40080
	10,0				3,0 - 5,0			220 421 40100
	12,0	8,3			5,0 - 7,0			220 421 40120

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



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

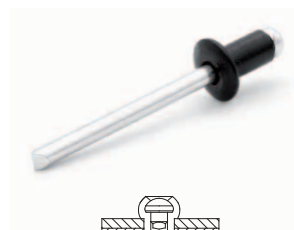
RIVQUICK® Conventional rivets

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
3,0	6,0	6,5	3,1 - 3,2	1,0 - 3,5	850	750				30064	30063
3,2	6,0	6,5	3,3 - 3,4	1,0 - 3,5	1 000	900				32064	32063
	8,0	6,5		3,5 - 5,5						32084	32083
	10,0			5,5 - 7,0						32104	32103
4,0	8,0			3,0 - 5,0						40084	40083
	10,0			5,0 - 6,5						40104	40103
	12,0	8,0	4,1 - 4,2	6,5 - 8,5	1 750	1 200			220 611	40124	40123
	16,0			10,5 - 12,5						40164	40163
	20,0			14,5 - 16,5						40204	40203
4,8	6,0			1,5 - 2,5						48064	48063
	8,0			2,5 - 4,0						48084	48083
	10,0	9,5	4,9 - 5,0	4,0 - 6,0	2 600	2 000				48104	48103
	12,0			6,0 - 8,0						48124	48123
	16,0			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
4,0	16,0	8,3	4,4 - 4,5	8,0 - 11,0	1 400	1 500			220 413	40001	40002

Body: Aluminium | Mandrel: Aluminium | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N		RAL	9002	9005	5017
4,0	20,5	8,2	4,2 - 4,5	1,0 - 8,5	1 100	700			220 478	40001	40002	40003

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.

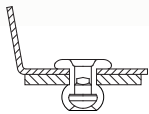
RIVQUICK® Conventional rivets

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					
4,0	6,0	-	5,3 - 5,4	0,8 - 1,5	1 700	1 200	221 949 4000X	8	3	4	

RIVQUICK®

STRUCTURAL RIVETS



RIVQUICK® - General presentation

Function and advantages	4
Working principle and setting	5
Break stem rivets	5
Speed rivets	7
Materials and surface treatments	8
Additional services	10
Symbol list	11
Selection guide	12

Conventional rivets

Standard rivets	16
Multigrip rivets	28
Peel type rivets	30
Slotted rivets	30
Sealed type rivets	31
Coloured rivets	34
Earthing rivets	35

Structural rivets

A possible alternative to welding	38
Varibulb	39
Varibolt	40
Varibolt Plus	42
Varilock	43

Speed rivets

Varispeed	46
Varitop	50
Varitronic	56
Variturn	57
Varisert	57

Setting tools

Hand-operated	60
Hydropneumatic	62
Electric / Battery-powered	64

Setting tools for speed rivets

Pneumatic	68
Hydropneumatic	69
Noses and springs	69

Part number index	70
-----------------------------	----

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	
3,2	6,5				1,0 - 3,0		1 200	220 823 32065
	9,0	6,3	3,3 - 3,4		3,0 - 5,0	1 300	1 750	220 823 32090
	11,5				5,0 - 7,0		2 500	220 823 32115
4,0	7,5				1,0 - 3,0		2 400	220 823 40075
	9,5	8,0	4,1 - 4,3		3,0 - 5,0	2 800	3 500	220 823 40095
	12,5				5,0 - 7,0		4 100	220 823 40125
4,8	9,0				1,5 - 3,5		3 600	220 823 48090
	11,5	9,6	4,9 - 5,1		3,5 - 6,0	3 800	4 200	220 823 48115
	14,5				6,0 - 8,5		5 600	220 823 48145
6,4	13,0				1,5 - 5,5			220 823 64130
	16,5	13,4	6,6 - 6,7		5,0 - 9,0	6 800	11 100	220 823 64165

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



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

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

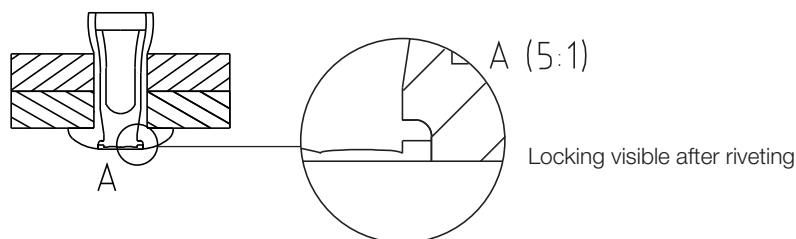


													
d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N							
4,8	10,0	10,0	4,9 - 5,1	1,6 - 6,9	5 110	6 440	220 821 48100						
	14,0			1,6 - 11,0			220 821 48140						
6,4	14,0	13,3	6,6 - 7,0	2,0 - 9,5	10 450	11 780	220 821 64140						
	19,0			2,0 - 15,9			220 821 64190						



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

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



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	226 031 48001		226 021 00901		226 041 48002
Ø 6,4 Varibolt	—	226 032 64001	—	226 021 00902	226 041 64003

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

RIVQUICK® Structural rivets



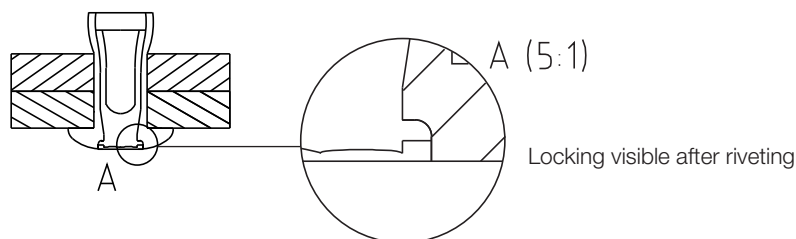
Body: Stainless steel | Mandrel: Stainless steel | Head: Flat

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



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

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



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	226 031 48001		226 021 00901		226 041 48002
Ø 6,4 Varibolt	–	226 032 64001	–	226 021 00902	226 041 64003

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

RIVQUICK® Structural rivets

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



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

Body: Aluminium | Mandrel: Aluminium | Head: Flat



6,4	14,0	13,2	6,6 - 7,0	2,0 - 9,5	4 000	6 230	220 871 64141

RIVQUICK® Varilock

Benefits

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

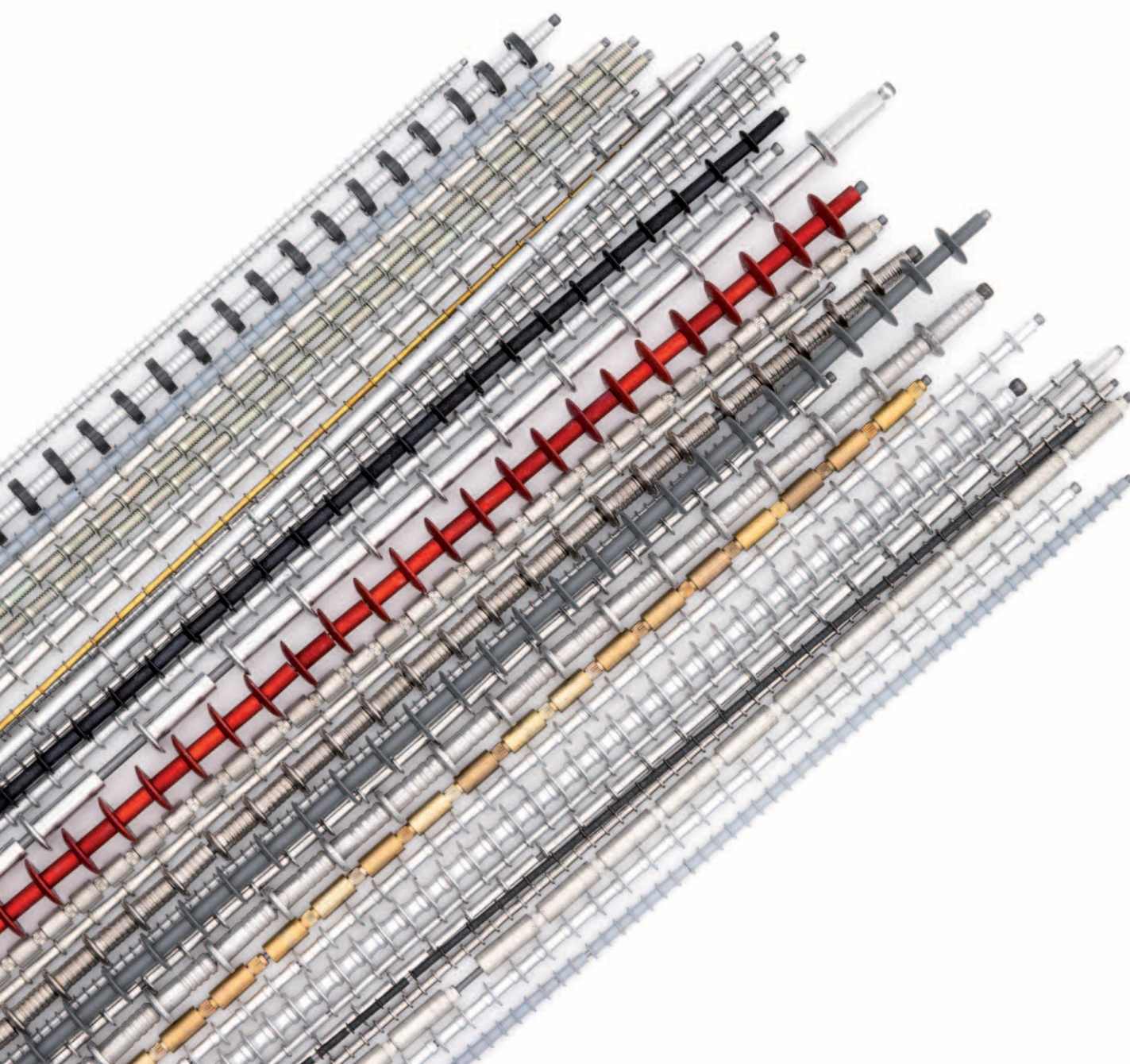
Body: Zinc plated steel | Mandrel: Zinc plated steel | Head: Flat



	d1 (mm)	l (mm)	d2 (mm)	Ø (mm)	min - max (mm)	N	N	
6,4	10,7				2,8 - 4,8		12 000	223 824 64150
	12,7				4,8 - 6,8		12 500	223 824 64170
	14,7	13,6		6,7 - 6,9	6,8 - 8,8	8 800	14 000	223 824 64190
	16,7				8,8 - 10,8		16 000	223 824 64210
	18,7				10,8 - 12,8		16 000	223 824 64230

RIVQUICK®

SPEED RIVETS



RIVQUICK® - General presentation

Function and advantages	4
Working principle and setting	5
Break stem rivets	5
Speed rivets	7
Materials and surface treatments	8
Additional services	10
Symbol list	11
Selection guide	12

Conventional rivets

Standard rivets	16
Multigrip rivets	28
Peel type rivets	30
Slotted rivets	30
Sealed type rivets.	31
Coloured rivets	34
Earthing rivets.	35

Structural rivets

A possible alternative to welding	38
Varibulb.	39
Varibolt	40
Varibolt Plus.	42
Varilock	43

Speed rivets

Varispeed	46
Varitop	50
Varitronic.	56
Variturn	57
Varisert	57

Setting tools

Hand-operated	60
Hydropneumatic	62
Electric / Battery-powered	64

Setting tools for speed rivets

Pneumatic.	68
Hydropneumatic	69
Noses and springs.	69

Part number index.	70
----------------------------	----

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			
1,9	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
2,4	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
3,0	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
3,2	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
4,0	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
4,8	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



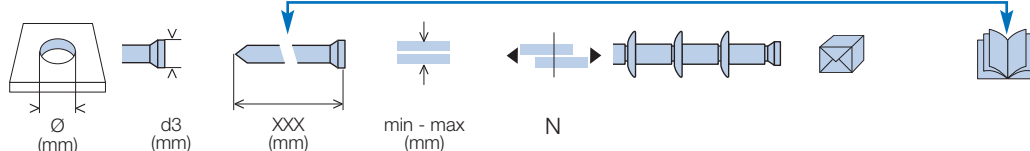
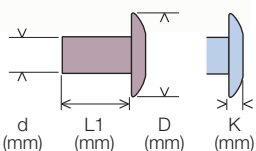
Aluminium | Head: Countersunk

|--|--|--|--|--|--|--|--|--|--|--|--|--|

RIVQUICK® Speed rivets

RIVQUICK® Varispeed

Steel | Head: Flat



3,0	4,5	6,0	0,8	3,1	2,5	485 / 510 / 785	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			3,1	2,5	485 / 510 / 785	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			3,1	2,5	485 / 510 / 785	1,0 – 5,0		40 / 80	20 000 / 40 000	U-SF306525XXX
				3,2	2,6						U-SF306526XXX
				3,3	2,7						U-SF306527XXX
	8,5			3,1	2,5	485 / 510 / 785	1,0 – 7,0		31 / 62	15 000 / 30 000	U-SF308525XXX
				3,2	2,6						U-SF308526XXX
				3,3	2,7						U-SF308527XXX
3,2	4,5	6,2	0,8	3,3	2,5	485 / 510 / 785	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			3,3	2,5	485 / 510 / 785	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			3,3	2,5	485 / 510 / 785	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			3,3	2,5	485 / 510 / 785	1,0 – 7,0		31 / 62	15 000 / 30 000	U-SF328525XXX
				3,4	2,6						U-SF328526XXX
				3,5	2,7						U-SF328527XXX
4,0	5,5	7,2	1,0	4,1	2,9	485 / 510 / 785	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			4,1	2,9	485 / 510 / 785	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			4,1	2,9	485 / 510 / 785	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			4,1	2,9	485 / 510 / 785	1,0 – 9,0		25 / 50	7 500 / 15 000	U-SF4010529XXX
				4,2	3,0						U-SF4010530XXX
				4,3	3,1						U-SF4010531XXX
4,8	6,5	9,2	1,3	4,9	3,3	485 / 510 / 785	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			4,9	3,3	485 / 510 / 785	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			4,9	3,3	485 / 510 / 785	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			4,9	3,3	485 / 510 / 785	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

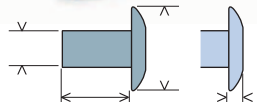
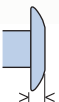
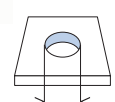
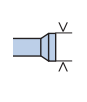
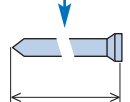
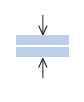
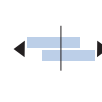
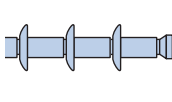


Steel | Head: Countersunk

|--|--|--|--|--|--|--|--|--|--|--|--|



Stainless steel | Head: Flat

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

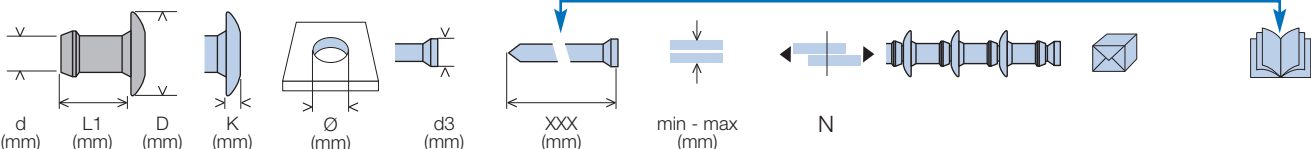
RIVQUICK® Speed rivets

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			5,2	3,9	485 / 510 / 785	3,7 – 5,2		36/ 72	8 500 / 17 000	T-AF486139XXX		
				4,9	3,6						T-AF487336XXX		
				5,0	3,7						T-AF487337XXX		
	8,6			5,1	3,8	485 / 510 / 785	5,0 – 6,5		31/ 62	7 000 / 14 000	T-AF487338XXX		
				5,2	3,9						T-AF487339XXX		
				4,9	3,6	485 / 510 / 785	6,2 – 7,7		28/ 56	6 000 / 12 000	T-AF488636XXX		
	5,0			3,7	T-AF488637XXX								
	5,1			3,8	T-AF488638XXX								
	9,9			5,2	3,9	485 / 510 / 785	7,5 – 9,0		25/ 50	5 500 / 11 000	T-AF488639XXX		
				4,9	3,6						T-AF489936XXX		
				5,0	3,7						T-AF489937XXX		
	11,1			5,1	3,8	485 / 510 / 785	8,7 – 10,0		22/ 44	5 000 / 10 000	T-AF489938XXX		
				5,2	3,9						T-AF489939XXX		
				4,9	3,6	485 / 510 / 785					T-AF4811136XXX		
	5,0			3,7	T-AF4811137XXX								
	5,1			3,8	T-AF4811138XXX								
	5,2			3,9	T-AF4811139XXX								
	12,4			4,9	3,6	485 / 510 / 785					T-AF4812436XXX		
				5,0	3,7						T-AF4812437XXX		
				5,1	3,8						T-AF4812438XXX		
				5,2	3,9						T-AF4812439XXX		

RIVQUICK® Speed rivets

RIVQUICK® Varitop



Aluminium | Head: Countersunk

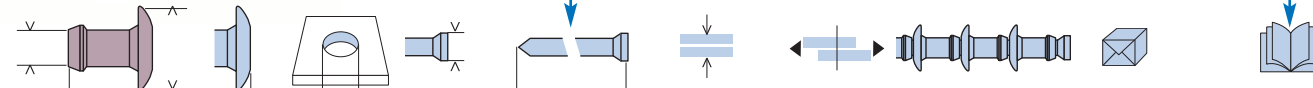
|--|--|--|--|--|--|--|--|--|--|--|--|--|

RIVQUICK® Speed rivets

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		5,2	3,9	485 / 510 / 785	3,7 – 5,2	36 / 72			8 500 / 17 000	T-SF486139XXX						
		4,9	3,6							T-SF487336XXX						
		5,0	3,7							T-SF487337XXX						
8,6		5,1	3,8	485 / 510 / 785	5,0 – 6,5	31 / 62			7 000 / 14 000	T-SF487338XXX						
		5,2	3,9							T-SF487339XXX						
		4,9	3,6							T-SF488636XXX						
9,9		5,0	3,7	485 / 510 / 785	6,2 – 7,7	28 / 56			6 000 / 12 000	T-SF488637XXX						
		5,1	3,8							T-SF488638XXX						
		5,2	3,9							T-SF488639XXX						
	11,1	4,9	3,6				485 / 510 / 785	7,5 – 9,0		25 / 50	5 500 / 11 000	T-SF489936XXX				
		5,0	3,7									T-SF489937XXX				
		5,1	3,8									T-SF489938XXX				
12,4	5,2	3,9	485 / 510 / 785	8,7 – 10,0	22 / 44	5 000 / 10 000	T-SF489939XXX									
	4,9	3,6					T-SF4811136XXX									
	5,0	3,7					T-SF4811137XXX									
	5,1	3,8					T-SF4811138XXX									
				5,2	3,9						T-SF4811139XXX					
				4,9	3,6						T-SF4812436XXX					
				5,0	3,7						T-SF4812437XXX					
				5,1	3,8						T-SF4812438XXX					
				5,2	3,9						T-SF4812439XXX					

RIVQUICK® Speed rivets

RIVQUICK® Varitop



Steel | Head: Countersunk

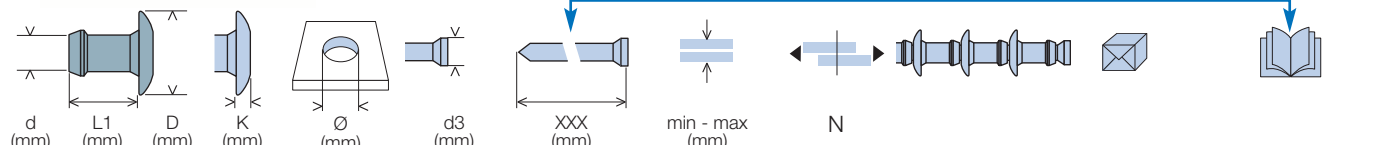
|--|--|--|--|--|--|--|--|--|--|--|--|

RIVQUICK® Speed rivets

RIVQUICK® Varitop



Stainless steel | Head: Flat

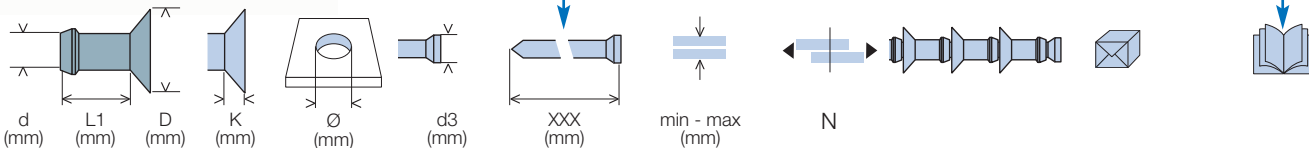
													
d (mm)	L1 (mm)	D (mm)	K (mm)	Ø (mm)	d3 (mm)	XXX (mm)	min - max (mm)	N					
3,2	4,3	6,1	0,9	3,2	2,4	485 / 510	1,1 – 2,4	1 300	58	25 000	T-EF324324XXX		
				3,3	2,5						T-EF324325XXX		
				3,4	2,6						T-EF324326XXX		
	5,3			3,2	2,4	485 / 510	2,2 – 3,4		49	25 000	T-EF325324XXX		
				3,3	2,5						T-EF325325XXX		
				3,4	2,6						T-EF325326XXX		
	6,3			3,2	2,4	485 / 510	3,2 – 4,4		42	20 000	T-EF326324XXX		
				3,3	2,5						T-EF326325XXX		
				3,4	2,6						T-EF326326XXX		
	7,3			3,2	2,4	485 / 510	4,2 – 5,5		37	17 500	T-EF327324XXX		
				3,3	2,5						T-EF327325XXX		
				3,4	2,6						T-EF327326XXX		
4,0	4,9	7,9	1,0	4,0	2,9	485 / 510	1,6 – 2,9	2 400	52	17 500	T-EF404929XXX		
				4,1	3,0						T-EF404930XXX		
				4,2	3,1						T-EF404931XXX		
	5,9			4,0	2,9	485 / 510	2,7 – 3,9		44	15 000	T-EF405929XXX		
				4,1	3,0						T-EF405930XXX		
				4,2	3,1						T-EF405931XXX		
	6,9			4,0	2,9	485 / 510	3,7 – 5,0		38	12 500	T-EF406929XXX		
				4,1	3,0						T-EF406930XXX		
				4,2	3,1						T-EF406931XXX		
	7,9			4,0	2,9	485 / 510	4,7 – 6,0		34	10 000	T-EF407929XXX		
				4,1	3,0						T-EF407930XXX		
				4,2	3,1						T-EF407931XXX		
	8,9			4,0	2,9	485 / 510	5,7 – 7,0		31	7 500	T-EF408929XXX		
				4,1	3,0						T-EF408930XXX		
				4,2	3,1						T-EF408931XXX		
4,8	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		
	7,3			4,9	3,7	485 / 510	3,7 – 5,2		36	8 500	T-EF487337XXX		
				5,0	3,8						T-EF487338XXX		
				5,1	3,9						T-EF487339XXX		
	8,6			4,9	3,7	485 / 510	5,0 – 6,5		28	6 000	T-EF488637XXX		
				5,0	3,8						T-EF488638XXX		
				5,1	3,9						T-EF488639XXX		
	9,9			4,9	3,7	485 / 510	6,2 – 7,8		25	5 500	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	4,8	5,5	0,8	3,3	2,4	485 / 510	1,5 – 2,8	1 300	64	25 000	T-ES324824XXX
				3,4	2,5						T-ES324825XXX
				3,5	2,6						T-ES324826XXX
	5,8			3,3	2,4	485 / 510	2,5 – 3,8		53	25 000	T-ES325824XXX
				3,4	2,5						T-ES325825XXX
				3,5	2,6						T-ES325826XXX
	6,9			3,3	2,4	485 / 510	3,5 – 4,8		45	25 000	T-ES326924XXX
				3,4	2,5						T-ES326925XXX
				3,5	2,6						T-ES326926XXX
	7,9			3,3	2,4	485 / 510	4,5 – 5,8		39	22 500	T-ES327924XXX
				3,4	2,5						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)

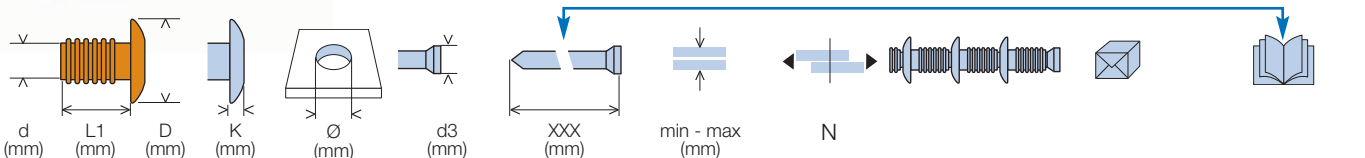


Aluminium | Head: Flat

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



Brass | Head: Flat

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

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



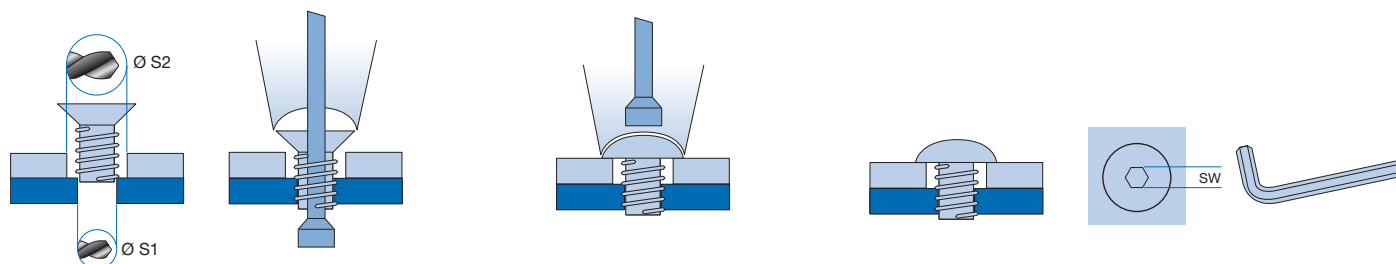
Stainless steel | Head: Countersunk

	d (mm)	L1 (mm)	D (mm)	K (mm)	S1 (mm)	S2 (mm)	d3 (mm)	XXX (mm)	min - max (mm)			
2,7	5,0								1,6 – 3,85	50	25 000	A-SSG2760-165XXX
	7,0	5,6	1,0	2,8	3,1	1,65	1/16	485 / 510	1,6 – 5,80	38	20 000	A-SSG2780-165XXX
	9,0								1,6 – 7,80	30	15 000	A-SSG27100-165XXX
3,0	5,0								1,6 – 3,85	50	22 500	A-SSG3060-21XXX
	7,0	5,6	1,0	3,1	3,5	2,1	2,0	485 / 510	1,6 – 5,80	38	17 500	A-SSG3080-21XXX
	9,0								1,6 – 7,80	30	12 500	A-SSG30100-21XXX
3,5	5,0								1,6 – 3,85	50	22 500	A-SSG3560-26XXX
	7,0	5,8	1,0	3,6	4,2	2,6	2,5	485 / 510	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)			
M 2,5	2,6	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		4,0	3,4				0,8 – 2,4	31		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
M 3,0	3,2	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		4,0	3,4				0,8 – 2,4	31		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



RIVQUICK® - General presentation

Function and advantages	4
Working principle and setting	5
Break stem rivets	5
Speed rivets	7
Materials and surface treatments	8
Additional services	10
Symbol list	11
Selection guide	12

Conventional rivets

Standard rivets	16
Multigrip rivets	28
Peel type rivets	30
Slotted rivets	30
Sealed type rivets	31
Coloured rivets	34
Earthing rivets	35

Structural rivets

A possible alternative to welding	38
Varibulb	39
Varibolt	40
Varibolt Plus	42
Varilock	43

Speed rivets

Varispeed	46
Varitop	50
Varitronic	56
Variturn	57
Varisert	57

Setting tools

Hand-operated	60
Hydropneumatic	62
Electric / Battery-powered	64

Setting tools for speed rivets

Pneumatic	68
Hydropneumatic	69
Noses and springs	69

Part number index	70
-----------------------------	----

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		■	■	■	■	■	■	

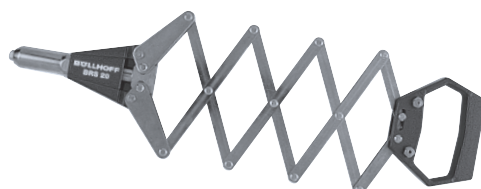
1900 g

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

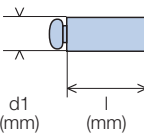
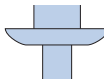
Part numbers in blue are generally stock items subject to prior sale.

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

	RIVQUICK® P1000	RIVQUICK® P2000	RIVQUICK® P3000
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.

RIVQUICK® P series – Hydropneumatic setting tools

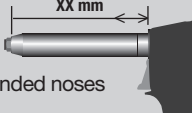
Spare parts / Tooling

		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

RIVQUICK® B series – Battery-powered setting tools

	RIVQUICK® B2000	RIVQUICK® B3000
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**

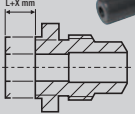
RIVQUICK® B series – Battery-powered setting tools

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 	100-240V ~50-60Hz-1A	EU version: 226 040 00020	
		UK version: 226 040 00025	
		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



RIVQUICK® - General presentation

Function and advantages	4
Working principle and setting	5
Break stem rivets	5
Speed rivets	7
Materials and surface treatments	8
Additional services	10
Symbol list	11
Selection guide	12

Conventional rivets

Standard rivets	16
Multigrip rivets	28
Peel type rivets	30
Slotted rivets	30
Sealed type rivets	31
Coloured rivets	34
Earthing rivets	35

Structural rivets

A possible alternative to welding	38
Varibulb	39
Varibolt	40
Varibolt Plus	42
Varilock	43

Speed rivets

Varispeed	46
Varitop	50
Varitronic	56
Variturn	57
Varisert	57

Setting tools

Hand-operated	60
Hydropneumatic	62
Electric / Battery-powered	64

Setting tools for speed rivets

Pneumatic	68
Hydropneumatic	69
Noses and springs	69

Part number index	70
-----------------------------	----

RIVQUICK® – Speed rivet setting tools

RIVQUICK® P100SR / P200SR / P300SR

Pneumatic tools



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

		RIVQUICK® P100SR	RIVQUICK® P200SR	RIVQUICK® P300SR
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		226 063 01000	226 064 01000	226 065 01000

RIVQUICK® P110SR / P210SR / P310SR

Vertical tools



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

		RIVQUICK® P110SR	RIVQUICK® P210SR	RIVQUICK® P310SR
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		226 063 01002	226 064 01002	226 065 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		226 061 01000	226 062 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	226 060 19001	226 060 19002	226 060 00200
		2,4	226 060 24001	226 060 24002	226 060 00206
		3,2	226 060 32001	226 060 32002	226 060 00207
		4,0	226 060 40001	226 060 40002	226 060 00208
		5,0	226 060 50001	226 060 50002	226 060 00210
		6,0	226 060 60001	226 060 60002	226 060 00212
Long		1,9	226 060 19003	226 060 19004	226 060 00213
		2,4	226 060 24003	226 060 24004	226 060 00219
		3,2	226 060 32003	226 060 32004	226 060 00220
		4,0	226 060 40003	226 060 40004	226 060 00222
		5,0	226 060 50003	226 060 50004	226 060 00223
		6,0	226 060 60003	226 060 60004	226 060 00225
Long bent		1,9	226 060 19005	226 060 19006	226 060 00213
		2,4	226 060 24005	226 060 24006	226 060 00219
		3,2	226 060 32005	226 060 32006	226 060 00220
		4,0	226 060 40005	226 060 40006	226 060 00222
		5,0	226 060 50005	226 060 50006	226 060 00223
		6,0	226 060 60005	226 060 60006	226 060 00225

RIVQUICK® – Part number index

											
220 211 32080	28	220 314 40080	19	220 321 48140	22	220 331 64120	24	220 371 48120	21	220 413 48350	30
220 211 32095	28	220 314 40100	19	220 321 48160	22	220 331 64150	24	220 371 48140	21	220 413 48400	30
220 211 32111	28	220 314 40120	19	220 321 48180	22	220 331 64180	24	220 371 48160	21	220 419 48130	32
220 211 40100	28	220 314 40140	19	220 321 48200	22	220 331 64250	24	220 371 48180	21		
220 211 40127	28	220 314 40160	19	220 321 48250	22	220 331 64300	24	220 371 48200	21	220 421 40080	33
220 211 40169	28	220 314 40200	19	220 321 48300	22					220 421 40095	33
220 211 48110	28	220 314 48080	19	220 321 48350	22	220 332 32060	25	220 381 32060	27	220 421 40120	33
220 211 48150	28	220 314 48100	19	220 321 48400	22	220 332 32080	25	220 381 32080	27		
220 211 48169	28	220 314 48120	19	220 321 60080	22	220 332 32100	25	220 381 32100	27	220 431 32080	33
220 211 48248	28	220 314 48140	19	220 321 60100	22	220 332 40080	25	220 381 40080	27	220 431 32095	33
		220 314 48160	19	220 321 60120	22	220 332 40100	25	220 381 40100	27	220 431 32120	33
220 212 40100	28	220 314 48180	19	220 321 60150	22	220 332 40120	25	220 381 40120	27	220 431 40080	33
220 212 48120	28	220 314 48200	19	220 321 60180	22	220 332 48100	25	220 381 40140	27	220 431 40095	33
220 212 48170	28	220 314 48250	19	220 321 60200	22	220 332 48120	25	220 381 48080	27	220 431 40120	33
		220 314 48300	19	220 321 60250	22	220 332 48140	25	220 381 48100	27	220 431 40140	33
220 216 48103	28	220 314 48350	19	220 321 60300	22	220 332 48160	25	220 381 48120	27	220 431 40160	33
220 216 48169	28	220 314 48400	19	220 321 64080	22			220 381 48140	27	220 431 48095	33
220 216 48248	28			220 321 64120	22	220 336 48100	26			220 431 48120	33
		220 316 32080	19	220 321 64150	22	220 336 48120	26	220 411 32080	31		
220 221 32120	29	220 316 32100	19	220 321 64180	22	220 336 48140	26	220 411 32095	31	220 451 32080	32
220 221 40130	29	220 316 32120	19	220 321 64220	22	220 336 48160	26	220 411 32110	31	220 451 32095	32
220 221 48110	29	220 316 32140	19	220 321 64250	22	220 336 48200	26	220 411 32120	31	220 451 32110	32
		220 316 32160	19	220 321 64300	22			220 411 32130	31	220 451 40080	32
220 222 48110	29	220 316 40080	19			220 351 30060	20	220 411 40080	31	220 451 40095	32
220 222 48170	29	220 316 40100	19	220 322 32080	23	220 351 30080	20	220 411 40095	31	220 451 48095	32
		220 316 40120	19	220 322 32100	23	220 351 30100	20	220 411 40110	31	220 451 48110	32
220 231 32120	29	220 316 40140	19	220 322 32120	23	220 351 32060	20	220 411 40125	31	220 451 48125	32
220 231 40105	29	220 316 40160	19	220 322 40080	23	220 351 32080	20	220 411 40145	31	220 451 48140	32
220 231 40130	29	220 316 40200	19	220 322 40100	23	220 351 32100	20	220 411 48095	31	220 451 48160	32
220 231 48140	29	220 316 48100	19	220 322 40120	23	220 351 32120	20	220 411 48110	31	220 451 48180	32
		220 316 48120	19	220 322 40140	23	220 351 40060	20	220 411 48130	31	220 451 48210	32
220 251 32080	29	220 316 48140	19	220 322 48080	23	220 351 40080	20	220 411 48145	31		
220 251 40095	29	220 316 48160	19	220 322 48100	23	220 351 40100	20	220 411 48160	31	220 452 40095	32
		220 316 48180	19	220 322 48120	23	220 351 40120	20	220 411 48180	31	220 452 40110	32
220 312 24060	18	220 316 48200	19	220 322 48140	23	220 351 40140	20	220 411 48210	31		
220 312 24080	18	220 316 48250	19	220 322 48160	23	220 351 40160	20	220 411 64125	31	220 478 40001	34
220 312 24100	18	220 316 48300	19	220 322 48200	23	220 351 40180	20			220 478 40002	34
220 312 30060	18	220 316 48350	19			220 351 40200	20	220 412 32080	31	220 478 40003	34
220 312 30080	18	220 316 48400	19	220 331 30060	24	220 351 48060	20	220 412 32095	31	220 478 40160	30
220 312 30100	18			220 331 30080	24	220 351 48080	20	220 412 40095	31	220 478 40205	30
220 312 30120	18	220 321 30060	22	220 331 30100	24	220 351 48100	20	220 412 40110	31	220 478 40245	30
220 312 32060	18	220 321 30080	22	220 331 30120	24	220 351 48120	20	220 412 40125	31	220 478 48160	30
220 312 32080	18	220 321 30100	22	220 331 32060	24	220 351 48140	20	220 412 40145	31	220 478 48210	30
220 312 32100	18	220 321 30120	22	220 331 32080	24	220 351 48160	20	220 412 48095	31	220 478 48240	30
220 312 32120	18	220 321 32060	22	220 331 32100	24	220 351 48180	20	220 412 48110	31		
220 312 40060	18	220 321 32080	22	220 331 32120	24	220 351 48200	20	220 412 48130	31	220 611 24040	16
220 312 40080	18	220 321 32100	22	220 331 40060	24	220 351 48250	20	220 412 48145	31	220 611 24060	16
220 312 40100	18	220 321 32120	22	220 331 40080	24	220 351 48300	20			220 611 24080	16
220 312 40120	18	220 321 32160	22	220 331 40100	24	220 351 48350	20	220 413 40001	34	220 611 24100	16
220 312 40140	18	220 321 40060	22	220 331 40120	24			220 413 40002	34	220 611 24120	16
220 312 40160	18	220 321 40080	22	220 331 40140	24	220 371 32060	21	220 413 40120	30	220 611 30060	16
220 312 40180	18	220 321 40100	22	220 331 40160	24	220 371 32080	21	220 413 40140	30	220 611 30063	34
220 312 40200	18	220 321 40120	22	220 331 40200	24	220 371 32100	21	220 413 40160	30	220 611 30064	34
220 312 48080	18	220 321 40140	22	220 331 48080	24	220 371 32120	21	220 413 40180	30	220 611 30080	16
220 312 48100	18	220 321 40160	22	220 331 48100	24	220 371 40060	21	220 413 40200	30	220 611 30100	16
220 312 48120	18	220 321 40180	22	220 331 48120	24	220 371 40080	21	220 413 40250	30	220 611 30120	16
220 312 48140	18	220 321 40200	22	220 331 48140	24	220 371 40100	21	220 413 48120	30	220 611 30140	16
220 312 48160	18	220 321 40250	22	220 331 48160	24	220 371 40120	21	220 413 48140	30	220 611 30160	16
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
220 312 48250	18	220 321 48080	22	220 331 48250	24	220 371 40200	21	220 413 48220	30	220 611 32063	34
220 312 48300	18	220 321 48100	22	220 331 60120	24	220 371 48080	21	220 413 48250	30	220 611 32064	34
		220 321 48120	22	220 331 60150	24	220 371 48100	21	220 413 48300	30	220 611 32080	16

RIVQUICK® – Part number index

											
220 611 32083	34	220 611 50250	17	220 871 64141	42	226 031 48001	40	226 060 32006	69	A-SSG...	57
220 611 32084	34	220 611 50300	17			226 031 48001	63	226 060 40001	69		
220 611 32100	16	220 611 60080	17	221 949 40003	35	226 031 60001	63	226 060 40002	69	E-AFR...	56
220 611 32103	34	220 611 60100	17	221 949 40004	35	226 031 64001	63	226 060 40003	69		
220 611 32104	34	220 611 60120	17	221 949 40008	35			226 060 40004	69	E-MFR...	56
220 611 32120	16	220 611 60140	17			226 032 00110	63	226 060 40005	69		
220 611 32140	16	220 611 60160	17	223 824 64150	43	226 032 00120	63	226 060 40006	69	R-MAG...	57
220 611 32160	16	220 611 60180	17	223 824 64170	43	226 032 00130	63	226 060 50001	69		
220 611 32180	16	220 611 60200	17	223 824 64190	43	226 032 01000	62	226 060 50002	69	T-AF...	50
220 611 32200	16	220 611 60250	17	223 824 64210	43	226 032 64001	40	226 060 50003	69		
220 611 40060	16	220 611 60300	17	223 824 64230	43	226 032 64001	63	226 060 50004	69	T-AS...	51
220 611 40080	16	220 611 60350	17					226 060 50005	69		
220 611 40083	34	220 611 64100	17	225 020 00000	60	226 040 00004	65	226 060 50006	69	T-EF...	54
220 611 40084	34	220 611 64120	17	225 020 00501	61	226 040 00018	65	226 060 60001	69		
220 611 40100	16	220 611 64140	17			226 040 00019	65	226 060 60002	69	T-ES...	55
220 611 40103	34	220 611 64160	17	225 210 00000	60	226 040 00020	65	226 060 60003	69		
220 611 40104	34	220 611 64180	17			226 040 01000	64	226 060 60004	69	T-SF...	52
220 611 40120	16	220 611 64220	17	225 220 00000	60	226 040 24001	65	226 060 60005	69		
220 611 40123	34	220 611 64260	17			226 040 32001	65	226 060 60006	69	T-SS...	53
220 611 40124	34	220 611 64300	17	226 021 00901	40	226 040 32002	65				
220 611 40140	16	220 611 64350	17	226 021 00902	40	226 040 40001	65	226 061 01000	69	U-AF...	46
220 611 40160	16	220 611 64400	17			226 040 40002	65	226 061 01002	69		
220 611 40163	34			226 030 00002	63	226 040 50001	65			U-AS...	47
220 611 40164	34	220 821 48100	40	226 030 00086	62	226 040 50002	65	226 062 01000	69	U-EF...	49
220 611 40180	16	220 821 48140	40	226 030 00086	63			226 062 01002	69		
220 611 40200	16	220 821 64140	40	226 030 00087	63	226 041 00004	65			U-SF...	48
220 611 40203	34	220 821 64141	42	226 030 00110	63	226 041 01000	64	226 063 01000	68	U-SS...	49
220 611 40204	34	220 821 64190	40	226 030 00120	63	226 041 48002	40	226 063 01002	68		
220 611 40220	16	220 821 64201	42	226 030 00130	63	226 041 48002	65				
220 611 40250	16			226 030 01000	62	226 041 60001	65	226 064 01000	68		
220 611 40300	16	220 822 48120	40	226 030 24001	63	226 041 64001	65	226 064 01002	68		
220 611 40350	16	220 822 64160	40	226 030 24101	63	226 041 64003	40				
220 611 48060	17			226 030 24151	63	226 041 64003	65	226 065 01000	68		
220 611 48063	34	220 823 32065	39	226 030 24201	63			226 065 01002	68		
220 611 48064	34	220 823 32090	39	226 030 24251	63	226 060 00200	69				
220 611 48080	17	220 823 32115	39	226 030 32001	63	226 060 00206	69	282 590 10988	63		
220 611 48083	34	220 823 40075	39	226 030 32101	63	226 060 00207	69	282 590 10989	63		
220 611 48084	34	220 823 40095	39	226 030 32151	63	226 060 00208	69				
220 611 48100	17	220 823 40125	39	226 030 32201	63	226 060 00210	69				
220 611 48103	34	220 823 48090	39	226 030 32251	63	226 060 00212	69				
220 611 48104	34	220 823 48115	39	226 030 40001	63	226 060 00213	69				
220 611 48120	17	220 823 48145	39	226 030 40101	63	226 060 00219	69				
220 611 48123	34	220 823 64130	39	226 030 40151	63	226 060 00220	69				
220 611 48124	34	220 823 64165	39	226 030 40201	63	226 060 00222	69				
220 611 48140	17			226 030 40251	63	226 060 00223	69				
220 611 48160	17	220 831 48100	41	226 030 50001	63	226 060 00225	69				
220 611 48163	34	220 831 48140	41	226 030 50101	63	226 060 19001	69				
220 611 48164	34	220 831 64140	41	226 030 50151	63	226 060 19002	69				
220 611 48180	17	220 831 64190	41	226 030 50201	63	226 060 19003	69				
220 611 48200	17			226 030 50251	63	226 060 19004	69				
220 611 48220	17	220 832 64160	41	226 030 60101	63	226 060 19005	69				
220 611 48250	17			226 030 60151	63	226 060 19006	69				
220 611 48300	17	220 833 32065	39	226 030 60201	63	226 060 24001	69				
220 611 48350	17	220 833 32090	39	226 030 60251	63	226 060 24002	69				
220 611 48400	17	220 833 32115	39	226 030 64101	63	226 060 24003	69				
220 611 50060	17	220 833 40075	39	226 030 64151	63	226 060 24004	69				
220 611 50080	17	220 833 40095	39	226 030 64201	63	226 060 24005	69				
220 611 50100	17	220 833 40125	39	226 030 64251	63	226 060 24006	69				
220 611 50120	17	220 833 48090	39			226 060 32001	69				
220 611 50140	17	220 833 48115	39	226 031 00110	63	226 060 32002	69				
220 611 50160	17	220 833 48145	39	226 031 00120	63	226 060 32003	69				
220 611 50180	17	220 833 64130	39	226 031 00130	63	226 060 32004	69				
220 611 50200	17	220 833 64165	39	226 031 01000	62	226 060 32005	69				



Passion for successful joining.

Böllhoff Group

Innovative partner for joining technology with assembly and logistics solutions.

Find your local partner at www.boellhoff.com or contact us at fat@boellhoff.com.