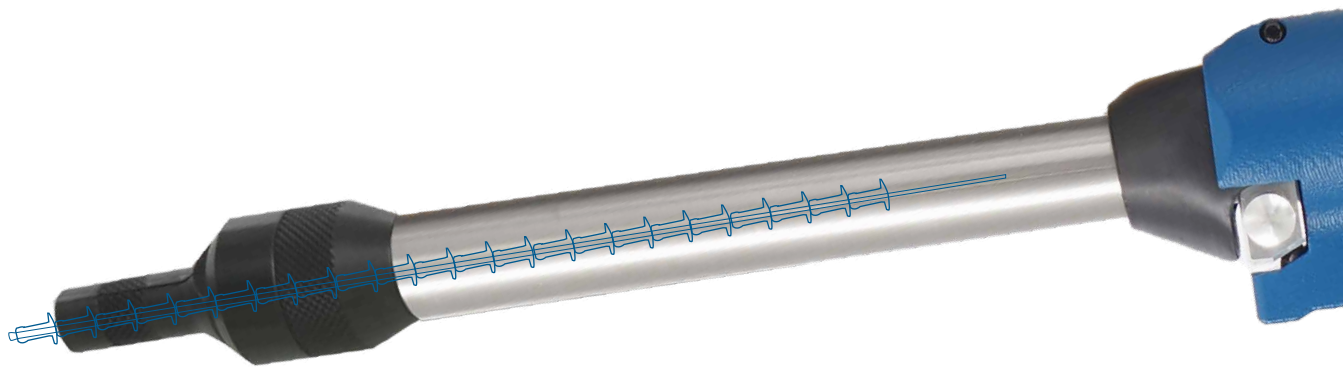


SPEED RIVETS

FASTENERS WITH GREAT TIGHTENING CAPACITY

Serial fastenings for **faster assembly**, with high **tightening capacity** and **resistance to shearing**.



- ✓ High precision and **high quality assembly**.
- ✓ **Increases productivity**, there are no interruptions and up to 60 rivets can be placed per minute.
- ✓ **Riveted without damaging already painted or enameled surfaces**.
- ✓ Materials with **different types of construction can be joined**: composites, laminated materials, heat treated, etc.
- ✓ **Radial expansion during installation**, ensuring excellent hole filling.
- ✓ **They do not loosen** due to vibrations.



SPEED RIVETS

RIVETING TOOL PT-SR

FOR SPEED RIVETS

VARIETY OF NOZZLES

To adapt to different applications.

LOCK BUTTON

Deactivates the trigger in case of non-use.

ERGONOMIC HANDLE

EFFICIENCY AND SPEED
ERGONOMIC TOOL

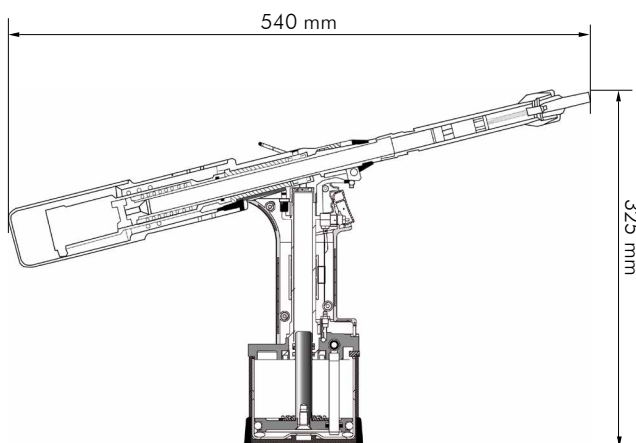
SILENCER FILTER

SECURITY VALVE

HIGH RESISTANCE RUBBER BASE

Ref. 02PTR010

- ✓ **High efficiency** pneumatic riveter.
- ✓ **Automatic feeding** of the rivets.
- ✓ **High riveting** speed.
- ✓ **Heavy-duty** professional tool.
- ✓ **High productivity** in assembly lines.



TECHNICAL DATA

WEIGHT	1,7 kg.
WORK PRESSURE	5-7 bar.
TRACTIVE FORCE	3,89 kn
STROKE	30 mm
AIR CONSUMPTION	2,0 Lt.
CYCLE TIME	0,9 seconds
NOISE LEVEL	< 70 db (A)
VIBRATION	2,5 m/s ²

CAPACITY

RIVET Ø mm	MATERIAL			
	Aluminium	Steel	Inox	Copper
2,4	✓	✓	✓	✓
3,2	✓	✓	✓	✓
4,0	✓	✓	✓	✓
4,8	✓	✓	✓	✓



RIVETING TOOL RR-10

FOR SPEED RIVETS



HIGH PERFORMANCE LIGHT TOOL

Ref. 02RR00102 - GUN Ø2,4
 Ref. 02RR00103 - GUN Ø3,2
 Ref. 02RR00104 - GUN Ø4,0
 Ref. 02RR00105 - GUN Ø5,0

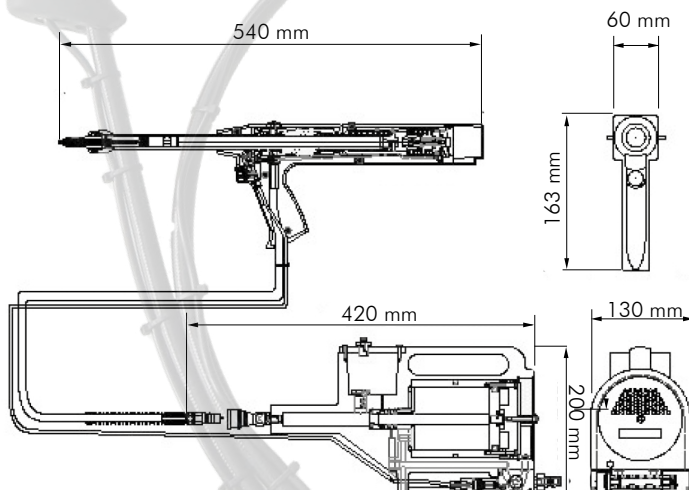
- ✓ **Lightweight tool** for greater operator comfort.
- ✓ **Easy maintenance** gun.
- ✓ **Automatic feeding** of the rivets.
- ✓ **High speed:** average cycle time < 1 sec.
- ✓ **Quick and efficient** tool.

TECHNICAL DATA

GUN WEIGHT	1,08 Kg.
WORK PRESSURE	5-7 bar.
TRACTIVE FORCE	3,89 kn
STROKE	30 mm
AIR CONSUMPTION	2,0 Lt.
CYCLE TIME	0,9 seconds
NOISE LEVEL	< 70 db (A)
VIBRATION	2,5 m/s ²

CAPACITY

RIVET Ø mm	MATERIAL			
	Aluminium	Steel	Inox	Copper
2,4	✓	✓	✓	✓
3,2	✓	✓	✓	✓
4,0	✓	✓	✓	✓
4,8	✓	✓	✓	✓



ACCESSORIES

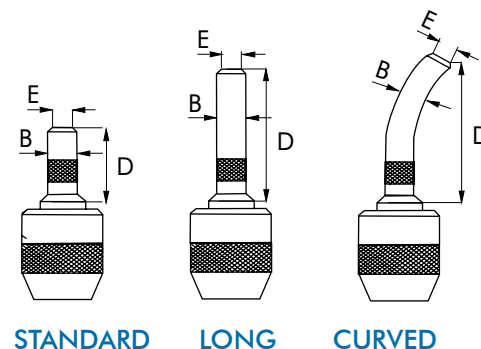
NOZZLES, MANDRELS AND SPRINGS



- 1 The basic equipment is always composed of three elements: nozzle, mandrel and spring.
- 2 Select the nozzle depending on the rivet, hole size and application access.
- 3 Depending on the access to the application there are three types of nozzles: standard, long and curved (see image). Each nozzle is associated with a stem and a spring.

NOZZLES

d1 Ø mm	B mm	D mm	E mm	TYPE AND SHAPE	REF.	SPRING *	MANDREL *
2,4				Standard flat	05BSR010316	Standard	Standard
				Standard concave	05BSR010317	Standard	Standard
3,2	11,50	30,30	5,50	Standard flat	05BSR010310	Standard	Standard
	11,50	30,30	8,50	Standard concave	05BSR010311	Standard	Standard
	9,60	59,50	5,50	Long flat	05BSR010320	Long	Long
	9,60	59,50	8,50	Long concave	05BSR010321	Long	Long
	9,60	59,50	5,50	Curved flat	05BSR010330	Long	Long
40	9,60	59,50	8,50	Curved concave	05BSR010331	Long	Long
	12,50	30,30	7,00	Standard flat	05BSR010312	Standard	Standard
	12,50	30,30	10,50	Standard concave	05BSR010313	Standard	Standard
	12,50	59,50	7,50	Long flat	05BSR010322	Long	Long
	12,50	59,50	10,50	Long concave	05BSR010323	Long	Long
4,8	12,50	59,50	7,50	Curved flat	05BSR010332	Long	Long
	12,50	59,50	10,50	Curved concave	05BSR010333	Long	Long
	14,50	30,30	10,00	Standard flat	05BSR010314	Standard	Standard
	14,50	30,30	12,50	Standard concave	05BSR010315	Standard	Standard
	14,50	60,50	10,00	Long flat	05BSR010324	Long	Long
	14,50	60,50	12,50	Long concave	05BSR010325	Long	Long
	14,50	60,50	10,00	Curved flat	05BSR010334	Long	Long
14,50	60,50	12,50	Curved concave	05BSR010335	Long	Long	



STANDARD LONG CURVED



FLAT

This type of finish is suitable for all applications without access restriction.

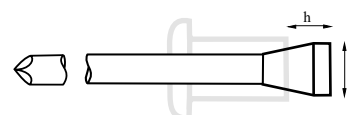
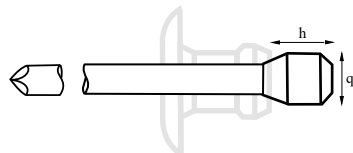


CONCAVE

This allows a higher pressure, without reducing the support surface.

STANDARD AND LONG SPRINGS

d1 Ø mm	REF. STANDARD SPRINGS	REF. LONG SPRINGS
2,4	05BSR010203	05BSR010213
3,2	05BSR010200	05BSR010210
4,0	05BSR010201	05BSR010211
4,8	05BSR010202	05BSR010212



*NB. The spring and long mandrel must be used for the long and curved nozzles.

MANDRELS FOR BSR SPEED RIVETS

d1 Ø mm	SIZE	COLOUR	T mm	K mm	REF. STANDARD MANDRELS	REF. LONG MANDRELS
2,4	3,25 Standard	Green	1,83	3,02	05BSR010131	05BSR010134
	3,40 SM1	Yellow	1,93	3,12	05BSR010132	05BSR010135
	3,50 SM2	Blue	2,01	3,20	05BSR010133	05BSR010136
3,2	3,25 Standard	Green	2,34	3,05	05BSR010100	05BSR010110
	3,40 SM1	Yellow	2,46	3,20	05BSR010101	05BSR010111
	3,50 SM2	Blue	2,59	3,38	05BSR010102	05BSR010112
4,0	4,00 Standard	Green	2,79	3,45	05BSR010103	05BSR010113
	4,10 SM1	Yellow	2,92	3,61	05BSR010104	05BSR010114
	4,25 SM2	Blue	3,05	3,78	05BSR010105	05BSR010115
4,8	4,85 Standard	Green	3,58	3,99	05BSR010106	05BSR010116
	5,00 SM1	Yellow	3,71	4,17	05BSR010107	05BSR010117
	5,10 SM2	Blue	3,84	4,32	05BSR010108	05BSR010118

MANDRELS FOR BSV SPEED RIVETS

d1 Ø mm	SIZE	COLOUR	T mm	K mm	REF. STANDARD MANDRELS
3,2	3,25 Standard	Green	2,34	3,05	05BSV010100
	3,40 SM1	Yellow	2,46	3,20	05BSV010101
	3,50 SM2	Blue	2,59	3,38	05BSV010102
4,0	4,00 Standard	Green	2,79	3,45	05BSV010103
	4,10 SM1	Yellow	2,92	3,61	05BSV010104
	4,25 SM2	Blue	3,05	3,78	05BSV010105
4,8	4,85 Standard	Green	3,58	3,99	05BSV010106
	5,00 SM1	Yellow	3,71	4,17	05BSV010107
	5,10 SM2	Blue	3,84	4,32	05BSV010108

PLACEMENT OF SPEED RIVES

1. Place desired nozzle (Fig. A).
2. Insert the mandrel into the strip of paper containing the rivets (Fig. B).
3. Position the spring on the end of the mandrel (Fig. C).
4. Remove the paper sheath according to the image (Fig.D).
5. Open the nozzle by hand and place the stem with the rivets and the spring in the riveter (Fig.E).
6. Adjust the distance between the nozzle and the head of the first rivet (Fig. F).
7. Connect the compressed air supply.

Place the rivet in the hole and start the riveting process.

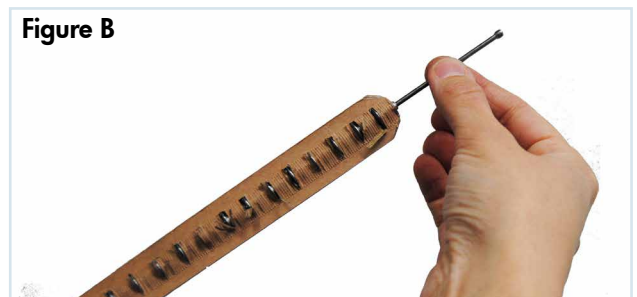

Figure A

Figure B

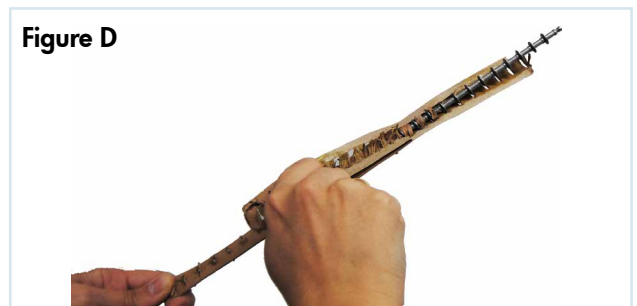
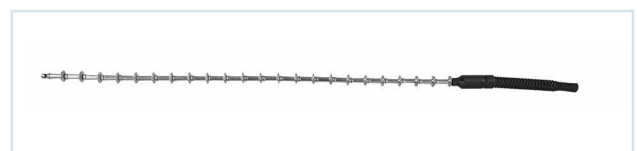
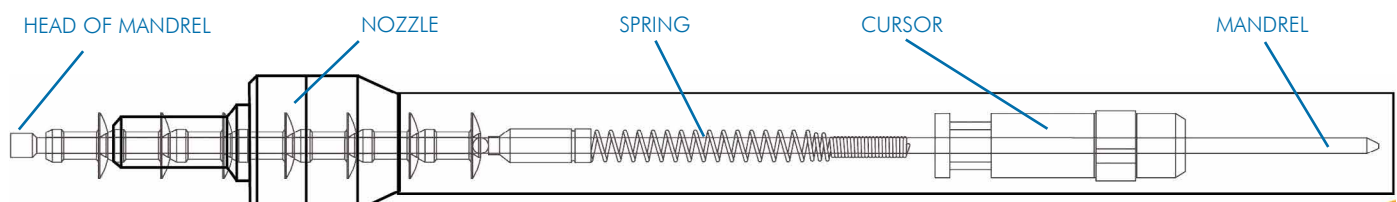
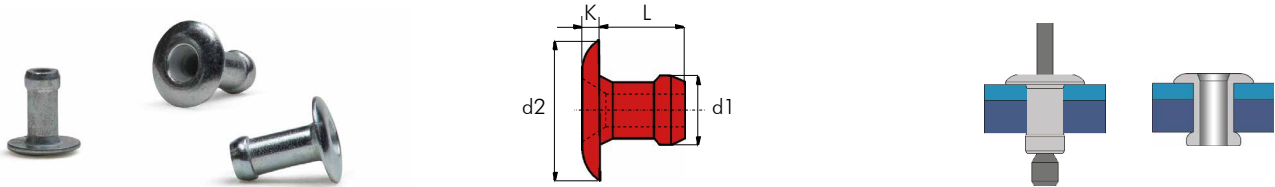
Figure C

Figure D

Figure E


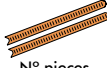




Figure F


- **BSR rivets are assembled** on one side at high speed and are supplied on a paper strip.
- They have no mandrel, **so there is no noise or mandrel sticking**. They are placed using a single mandrel repetition system.
- **Diversity of manufacturing materials, lacquers and coatings.**

ALUMINIUM

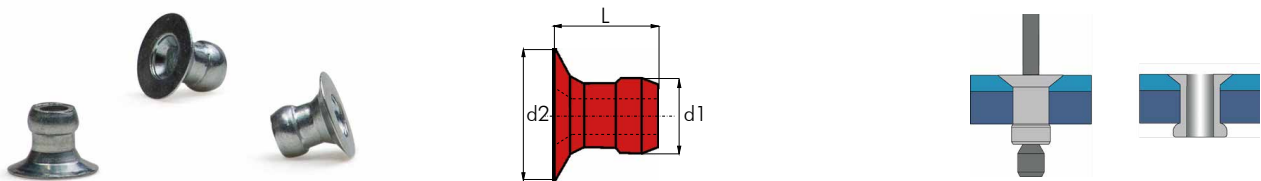
SPEED RIVET BSR Dome head









d1 Ø mm	L Nominal mm	 mm	d2 Ø mm	K mm	 N° pieces	PACKAGING  Exterior	 E MIN. mm MAX	 (N)	 (N)	REFERENCE			
3,2	4,3	3,26 - 3,34	6,30	0,95	58	30.000	1,2 - 2,4	720	1260	G1550003204			
	5,3									48	25.000	2,2 - 3,4	G1550003205
	6,3									42	20.000	3,2 - 4,4	G1550003206
	7,3									37	20.000	4,2 - 5,4	G1550003207
	8,3									33	15.000	5,2 - 6,4	G1550003208
	9,3									30	15.000	6,2 - 7,5	G1550003209
4,0	4,9	3,97 - 4,04	8,00	1,05	52	23.000	1,6 - 2,9	1100	1700	G1550004005			
	5,9									44	20.000	2,7 - 3,9	G1550004006
	6,9									38	17.000	3,7 - 4,9	G1550004007
	7,9									34	15.000	4,7 - 5,9	G1550004008
	8,9									30	13.000	5,7 - 6,9	G1550004009
	9,9									28	12.000	6,7 - 7,9	G1550004010
4,8	6,1	4,87 - 4,95	9,50	1,20	42	15.000	2,1 - 3,9	1400	1900	G1550004806			
	7,3									36	13.000	3,7 - 5,2	G1550004807
	8,6									31	11.000	5,0 - 6,4	G1550004808
	9,9									28	10.000	6,3 - 7,7	G1550004809
	11,1									24	9.000	7,5 - 9,0	G1550004811

ALUMINIUM

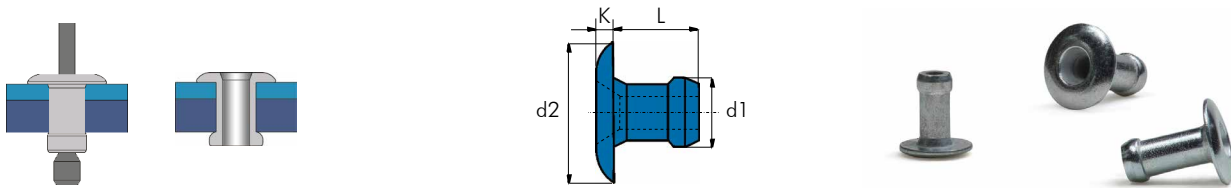
SPEED RIVET BSR Countersunk head









d1 Ø mm	L Nominal mm	 mm	d2 Ø mm	K mm	 N° pieces	PACKAGING  Exterior	 E MIN. mm MAX	 (N)	 (N)	REFERENCE			
3,2	4,8	3,26 - 3,34	5,40	0,75	65	30.000	1,6 - 2,7	900	1600	G1552003204			
	5,8									52	25.000	2,6 - 3,8	G1552003205
	6,8									44	20.000	3,6 - 4,8	G1552003206
	7,8									38	20.000	4,6 - 5,8	G1552003207
	8,8									34	17.000	5,6 - 6,8	G1552003208
4,0	5,2	3,97 - 4,04	6,50	1,05	58	25.000	1,6 - 2,9	1100	1700	G1552004005			
	5,7									54	23.000	2,2 - 3,4	G1552004055
	6,2									49	20.000	2,7 - 3,9	G1552004006
	7,2									42	20.000	3,7 - 4,9	G1552004007
	8,2									36	15.000	4,7 - 5,9	G1552004008
	9,2									32	15.000	5,7 - 6,9	G1552004009

SPEED RIVET BSR Dome head

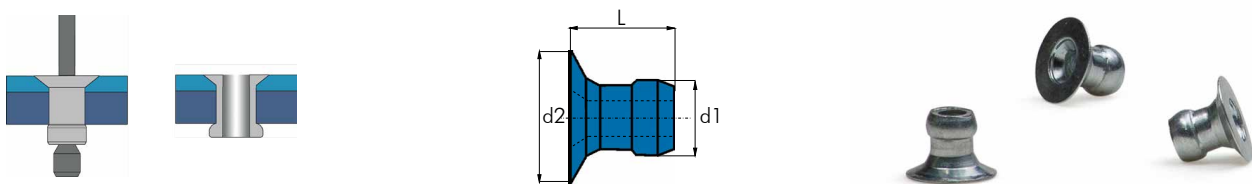
STEEL









d1 Ø mm	L Nominal mm	 mm	d2 Ø mm	K mm	 N° pieces	PACKAGING  Exterior	 E MIN. mm MAX	 (N)	 (N)	REFERENCE	
3,2	3,8	3,26 - 3,34	6,30	0,95	65	30.000	1,0 - 1,9	1100	1800	G1560003203	
	4,3						1,2 - 2,4				G1560003204
	5,3						2,2 - 3,4				G1560003205
	6,3						3,2 - 4,4				G1560003206
	7,3						4,2 - 5,4				G1560003207
	8,3						5,2 - 6,4				G1560003208
4,0	4,9	3,97 - 4,04	8,00	1,05	52	23.000	1,6 - 2,9	1600	2800	G1560004005	
	5,4						2,2 - 3,4				G1560004055
	5,9						2,7 - 3,9				G1560004006
	6,9						3,7 - 4,9				G1560004007
	7,9						4,7 - 5,9				G1560004008
	8,9						5,7 - 6,9				G1560004009
4,8	5,4	4,85 - 4,93	9,50	1,20	46	15.000	1,7 - 3,3	2200	3700	G1560004805	
	6,1						2,1 - 3,9				G1560004806
	7,3						3,7 - 5,2				G1560004807
	8,6						5,0 - 6,4				G1560004808
	9,9						6,3 - 7,7				G1560004809
	11,1						7,5 - 9,0				G1560004811

SPEED RIVET BSR Countersunk head

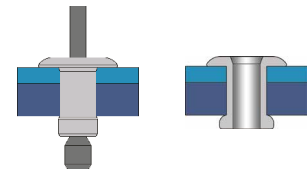
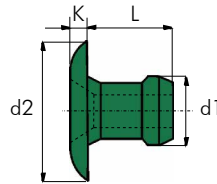
STEEL









d1 Ø mm	L Nominal mm	 mm	d2 Ø mm	K mm	 N° pieces	PACKAGING  Exterior	 E MIN. mm MAX	 (N)	 (N)	REFERENCE	
3,2	4,3	3,26 - 3,34	5,40	0,75	70	30.000	1,3 - 2,0	900	1600	G1562003203	
	4,8						1,6 - 2,7				G1562003204
	5,8						2,6 - 3,8				G1562003205
	6,8						3,6 - 4,8				G1562003206
	7,8						4,6 - 5,8				G1562003207
	8,8						5,6 - 6,8				G1562003208
4,0	5,2	3,97 - 4,04	6,50	1,05	58	25.000	1,6 - 2,9	1100	1700	G1562004005	
	5,7						2,2 - 3,4				G1562004055
	6,2						2,7 - 3,9				G1562004006
	7,2						3,7 - 4,9				G1562004007
	8,2						4,7 - 5,9				G1562004008
	9,2						5,7 - 6,9				G1562004009

INOX A2

SPEED RIVET BSR Dome head

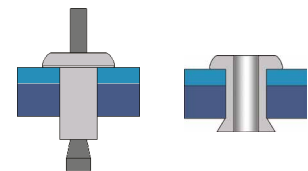
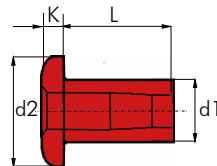








d1 Ø mm	L Nominal mm	 mm	d2 Ø mm	K mm	 N° pieces	PACKAGING  Exterior	 E MIN. mm MAX	 (N)	 (N)	REFERENCE
3,2	4,3	3,26 - 3,34	6,30	0,95	58	30.000	1,2 - 2,4	1300	2000	G1570003204
	5,3				48	25.000	2,2 - 3,4			G1570003205
	6,3				42	20.000	3,2 - 4,4			G1570003206
4,0	4,9	3,97 - 4,04	8,00	1,05	52	23.000	1,6 - 2,9	2400	3500	G1570004004
	5,4				44	20.000	2,2 - 3,4			G1570004005
	5,9				44	20.000	2,7 - 3,9			G1570004006
	6,9				38	17.000	3,7 - 4,9			G1570004007
4,8	5,4	4,85 - 4,93	9,50	1,20	46	15.000	1,7 - 3,3	3500	5100	G1570004805
	6,1				42	15.000	2,1 - 3,9			G1570004806
	7,3				36	13.000	3,7 - 5,2			G1570004807

- BSV Rivets are also supplied as a paper strip.
- Ideal for quick joints with single sided access in **soft materials**.
- They are made of **aluminium, steel and stainless steel**.

ALUMINIUM

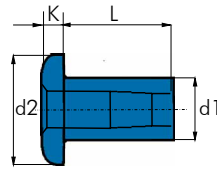
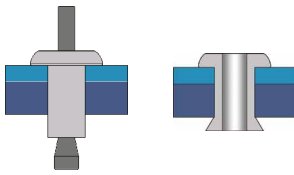
SPEED RIVET BSV Dome head


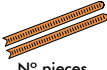






d1 Ø mm	L Nominal mm	 mm	d2 Ø mm	K mm	 N° pieces	PACKAGING  Exterior	 E MIN. mm MAX	 (N)	 (N)	REFERENCE
3,2	3,2	3,30-3,35	5,20	1,20	70	30.000	0,5 - 1,6	500		G1510003203
	4,8				51	25.000	1,6 - 3,2			G1510003204
	6,4				38	20.000	3,2 - 4,8			G1510003206
	7,9				32	17.000	4,8 - 6,4			G1510003207
	9,5				27	15.000	6,4 - 7,9			G1510003209
	11,1				23	12.000	7,9 - 9,5			G1510003211
4,0	4,8	4,10-4,15	6,20	1,50	46	20.000	1,6 - 3,2	700		G1510004004
	6,4				38	17.000	3,2 - 4,8			G1510004005
	7,9				34	15.000	4,8 - 6,4			G1510004006
	9,5				27	12.000	6,4 - 7,9			G1510004007
	11,1				23	9.000	7,9 - 9,5			G1510004008
4,8	5,6	4,85-4,95	8,60	1,80	38	13.000	1,6 - 3,2	1000		G1510004805
	7,2				33	12.000	3,2 - 4,8			G1510004807
	8,8				28	10.000	4,8 - 6,4			G1510004808
	10,3				24	9.000	6,4 - 7,9			G1510004810
	11,9				22	8.000	7,9 - 9,5			G1510004811

SPEED RIVET BSV Dome head

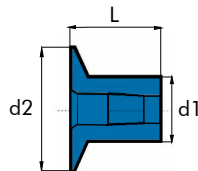
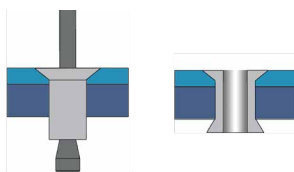
STEEL


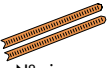






d1 Ø mm	L Nominal mm	 mm	d2 Ø mm	K mm	 N° pieces	PACKAGING  Exterior	 E MIN. mm MAX	 (N)	 (N)	REFERENCE
3,2	3,2	3,27-3,34	5,20	1,20	70	30.000	0,5 - 1,6	1000		G1520003203
	4,8						1,6 - 3,2			G1520003205
	6,4						3,2 - 4,8			G1520003206
	7,9						4,8 - 6,4			G1520003207
	9,5						6,4 - 7,9			G1520003209
	11,1						7,9 - 9,5			G1520003211
4,0	4,8	4,10-4,15	6,20	1,50	46	20.000	1,6 - 3,2	1400		G1520004004
	6,4						3,2 - 4,8			G1520004006
	7,9						4,8 - 6,4			G1520004007
	9,5						6,4 - 7,9			G1520004009
	11,1						7,9 - 9,5			G1520004011
4,8	5,6	4,85-4,95	8,60	1,80	38	13.000	1,6 - 3,2	2400		G1520004805
	7,2						3,2 - 4,8			G1520004807
	8,8						4,8 - 6,4			G1520004808
	10,3						6,4 - 7,9			G1520004810
	11,9						7,9 - 9,5			G1520004812

SPEED RIVET BSV Countersunk head

STEEL

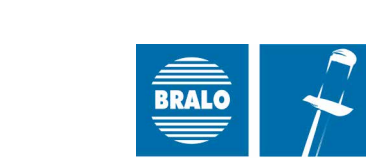
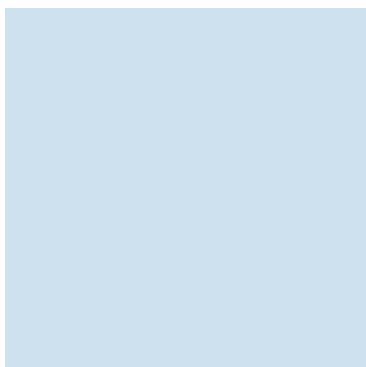
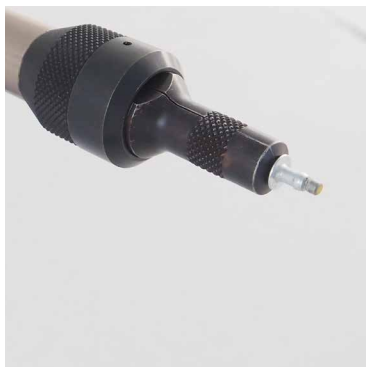


d1 Ø mm	L Nominal mm	 mm	d2 Ø mm	K mm	 N° pieces	PACKAGING  Exterior	 E MIN. mm MAX	 (N)	 (N)	REFERENCE
3,2	3,2	3,28-3,34	5,50		70	30.000	0,5 - 1,6	1000		G1522003203
	4,0						1,0 - 2,4			G1522003204
	4,8						1,6 - 3,2			G1522003205
	6,4						3,2 - 4,8			G1522003206
	7,9						4,8 - 6,4			G1522003208
	9,5						6,4 - 7,9			G1522003209
4,0	4,8	4,09-4,16	6,50		62	20.000	1,6 - 3,2	1400		G1522004004
	6,4						3,2 - 4,8			G1522004006
	7,9						4,8 - 6,4			G1522004008
	9,5						6,4 - 7,9			G1522004009
	11,2						7,9 - 9,5			G1522004011
4,8	5,6	4,85-4,93	8,90		52	15.000	1,6 - 3,2	2400		G1522004805
	7,2						3,2 - 4,8			G1522004807
	8,8						4,8 - 6,4			G1522004808
	10,3						6,4 - 7,9			G1522004810
	11,9						7,9 - 9,5			G1522004812

BRALO

SPEED RIVETS

FASTENERS WITH GREAT TIGHTENING CAPACITY



SPEED RIVETS