



Wieländer+Schill[®]

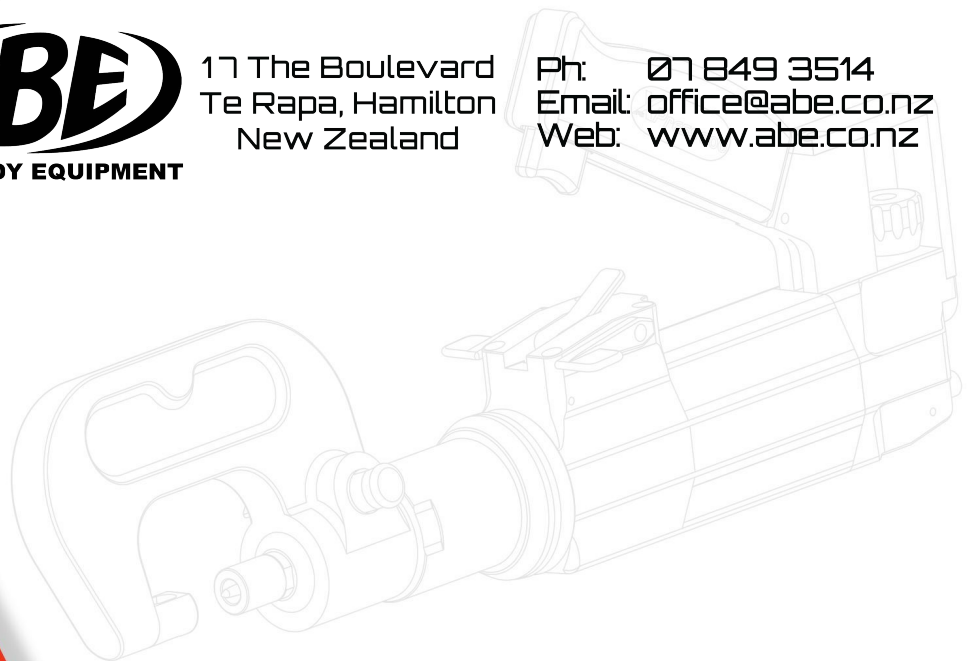
Special Tools for Professional Body Shops



AUTO BODY EQUIPMENT

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CAR BODY TOOLS
PRODUCT CATALOGUE

2022



PROFESSIONAL
RIVETING TECHNOLOGY
XSERIES

XPress 800

XPress WORKSTATION

XPac

InduPac 1000

XTend



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WS XSeries

THE PRODUCT FAMILY OF WS WIELÄNDER+SCHILL RIVETING TOOL TECHNOLOGY

MODULAR TECHNOLOGY

Enables the processing of different rivets with only one tool by using different adapters

HIGH PRESSING FORCE

Depending on the application and cylinder, high pressing forces can be achieved, such as those required for punching ultra-high strength steel

OPTIONALLY COMBINABLE

The adapters and dies are interchangeable within the **XSeries** product family

INDIVIDUAL TOOL SETS

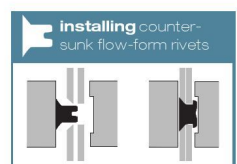
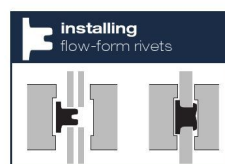
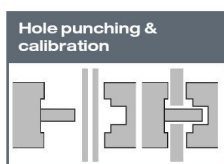
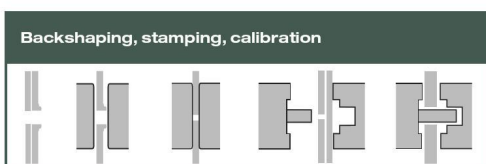
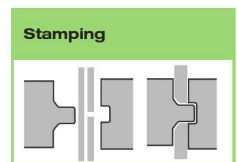
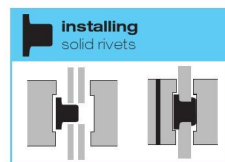
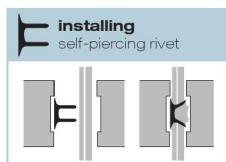
The riveting system is supplemented by a large number of special tools for **customer-specific applications** for automotive production

HIGHEST QUALITY

Customer satisfaction is our top priority, therefore we pay attention to the best quality of our products

RELIABLE SERVICE

We offer fast and professional support by qualified personnel



WS **XPress 800**

MODULAR RIVETING SYSTEM



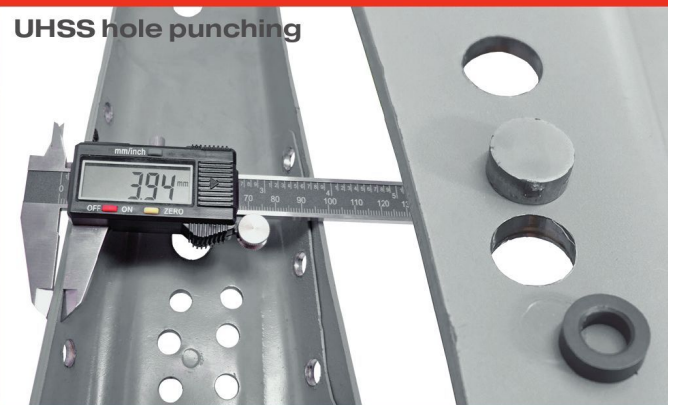
- Self-piercing rivets
- Flow-form rivets
- Countersunk flow-form rivets
- Solid rivets
- Solid self-piercing rivets
- Blind rivets
- Blind rivet nuts
- Blind rivet bolts
- Pressing out
- Backshaping
- Calibration
- Hole punching
- Stamping

**FOR PROCESS-SAFE
VEHICLE REPAIR**

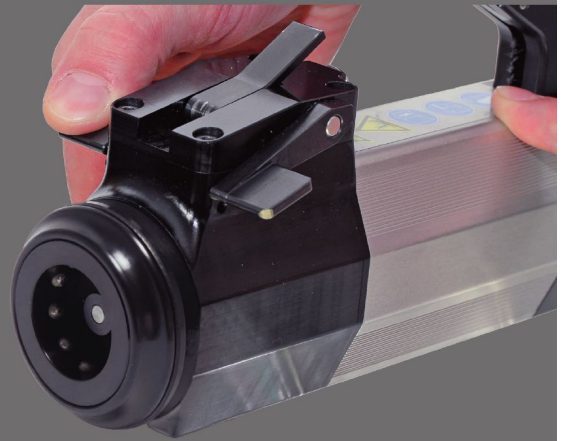


pressing out

UHSS hole punching



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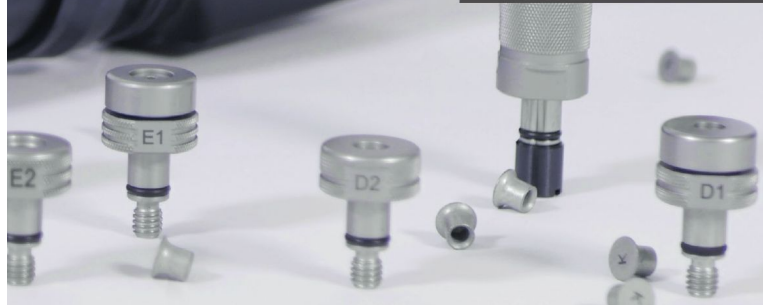
QUICK-STOP

The STOP button allows the currently coupled tool to be stopped in any position without releasing the pressure.

QUICK-LOCK



Quick and easy installation thanks to the quick-lock function. Replacement of the adapters by simply pressing the locking ring.



WITH **INNOVATIVE**
PRESSURE CONTROL



TECH. SPECIFICATIONS

Permissible hydraulic oil	Hydraulic oils acc. to DIN 51524 AFT oils acc. to DIN 51562-2 Type HLP 22 - HLP 36
Oil viscosity	approx. 22 - 36 mm ² /s at 40 °C
Oil filling quantity	90 cm ³
Air pressure max.	6 bar / 87 psi
compressed air	Quality class 2 (ISO 8573-1)
Temperature (ambient)	5 - 50 °C / 41 - 122 °F
Prescribed safety clothing	Protective gloves and face protection
Emission sound pressure level	75 dB (A) LPAI
Emission sound pressure level	< 2.5 m/s ² (ISO / FDIS B662-11)



Countersunk flow-form rivets

XPress 800 Basic-Set

Item no. 700000

- installing self-piercing-rivets
- removing self-piercing-rivets

Scope of delivery:
 1 x Power Pack cpl.
 1 x short stroke cylinder SSC35/25
 1 x C-arm GC 80/40
 1 x Tool Box RS-03
 1 x transport case
 1 x operating instructions

XPress 800



XPress 800 Standard-Set

Item no. 700001

- installing self-piercing-rivets
- removing self-piercing-rivets

Scope of delivery:
 1 x Power Pack cpl.
 1 x short stroke cylinder SSC35/25
 1 x C-arm GC 80/40
 1 x C-arm GC 80/120
 1 x C-arm GC 140/240
 1 x Tool Box RS-03
 1 x transport case
 1 x operating instructions

XPress 800



XPress 800 - Full Set

Item no. 700002

- installing self-piercing-rivets
- removing self-piercing-rivets
- installing blind rivets
- installing blind rivet nuts

Scope of delivery:
 1 x Power Pack cpl.
 1 x short stroke cylinder SSC35/25
 1 x blind rivet adapter BR20
 1 x blind rivet adapter BR50
 1 x blind rivet nut adapter BRN50
 1 x C-arm GC 80/40
 1 x C-arm GC 80/120
 1 x arm GC 140/240
 1 x Tool Box RS-03
 1 x Tool Box RS-04
 1 x transport case
 1 x operating instructions



XPress 800



PushPull - Upgrade-Kit

Item no. 700004

An addition to existing XPress 800 Sets for:

- removing self-piercing-rivets
- installing flow-form rivets
- installing solid self-piercing rivets
- backshaping
- calibration
- hole punching

Scope of delivery:
1 x retraction cylinder PP90
1 x Tool Box RS-07
1 x operating instructions

PushPull



Tool trolley for XPress 800 riveting tools

Item no. 700010

beech worktop - thickness 25 mm
- Full extension with soft closing
- Partially integrated handle strips
- 2 fixed and 2 swivel castors
- dimensions 770 x 650 x 795 mm



Delivery without contents.

Foam inlays for XPress-Tool trolley

Item no. 700011

Inlay 1 for:

- Power Pack cpl.
- SSC35/25
- BR20
- BR50
- BRN50
- C-arm GC 80/40
- Handle
- Tool Box Mouthpieces

Inlay 2 for:

- C-arm GC 80/120
- C-arm GC 140/240
- Extensions for C-arm



XPull - manual riveting tool

Item no. 700098

The XPull is a mechanical-hydraulic power amplifier which allows to generate a setting force of up to 20 kN with a mere hand force. The power transmission ratio is 1:8.

Furthermore, the XPull guarantees the use of all currently listed WS-tension adapters such as Tool Box RS-04.

Delivery including pulling adapter **M10** for blind rivet nuts with **left-hand thread**.

NEW



XPress 800 incl. PushPull

Item no. 700003 Basic Set

Modular riveting system with a force-supporting retraction cylinder for the installation of rivets in hard and ultra-hard structural parts and for:

- removing self-piercing-rivets
- installing flow-form rivets
- installing solid self-piercing rivets
- backshaping
- calibration
- hole punching

Scope of delivery:
 1 x Power Pack cpl.
 1 x retraction cylinder PP 90
 1 x C-arm GC 80/40
 1 x Tool Box RS-07
 1 x transport case
 1 x operating instructions

PushPull



tested and approved

Mercedes-Benz

XPress 800 incl. PushPull

Item no. 700006 Standard Set

Modular riveting system with a force-supporting retraction cylinder for the installation of rivets in hard and ultra-hard structural parts and for:

- removing self-piercing-rivets
- installing flow-form rivets
- installing solid self-piercing rivets
- backshaping
- calibration
- hole punching

Scope of delivery:
 1 x Power Pack cpl.
 1 x retraction cylinder PP 90
 1 x C-arm GC 80/40
 1 x C-arm bracket GC 80/120
 1 x C-arm bracket GC 140/240
 1 x Tool Box RS-07
 1 x transport case
 1 x operating instructions

PushPull



tested and approved

Mercedes-Benz

XPress 800 incl. PushPull

Item no. 700005 Full Set

Modular riveting system with a force-supporting retraction cylinder for the installation of rivets in hard and ultra-hard structural parts and for:

- removing self-piercing-rivets
- installing flow-form rivets
- installing solid self-piercing rivets
- backshaping
- calibration
- hole punching
- installing blind rivets
- installing blind rivet nuts

Scope of delivery:
 1 x Power Pack cpl.
 1 x retraction cylinder PP 90
 1 x blind rivet adapter BR 20
 1 x blind rivet adapter BR 50
 1 x blind rivet nut adapter BRN 50
 1 x C-arm GC 80/40
 1 x C-arm GC 80/120
 1 x C-arm GC 140/240
 1 x Tool Box RS-04
 1 x Tool Box RS-07
 1 x transport case
 1 x operating instructions

PushPull



tested and approved

Mercedes-Benz

PushPull - Extension kit for self-piercing rivets

Item no. 700009

The extension kit enables the processing of self-piercing rivets and the use of all Tool Boxes with already existing **PushPull**-Sets.

Scope of delivery:
 1 × short stroke cylinder SSC35/25
 1 × C-arm GC 80/40
 1 × extension F1



Service Kit EB-XP 800

Item no. 700334

Venting and filling device for Power Pack XPress 800

Scope of delivery:
 1 × special pump oiler (volume 250 ml)
 1 × plug-in coupling
 1 × filling port
 1 × clear tube 6 × 4 mm
 1 × clear tube 8 × 5 mm
 1 × hydraulic oil HLP22 / PU 250 ml



Hydraulic oil HLP22

Item no. 700102 | 250 ml

XPress 800 - Special oil for the service and maintenance of the Power Pack, the blind rivet adapters and the **PushPull**.



ProtectSHIELD face protection

Item no. 881031

An uncompromising face protection that meets all requirements in terms of safety and ergonomics in a practical way 100%.

- patented visor attachment
- breathable headband
- wide field of view
- easy and fast head adjustment
- adjustment knobs are adjustable with gloves



Short stroke cylinders

Power Pack pneumatic-hydraulic

Item no. 700050

The Power Pack is a pneumatic-hydraulically driven pressure intensifier with a two-stage high-pressure pump. With a primary air pressure of 6 bar a hydraulic secondary pressure of 800 bar is generated.

Length	Width	Height	Weight	PB max	Oil volume
259 mm	56 mm	213 mm	2.65 kg	800 bar	80 cm ³



Short stroke cylinder SSC 35/25

Item no. 700060

Stroke	Weight	PB max.	F max.
25 mm	1.4 kg	800 bar	77 kN



Short stroke cylinder SSC 40/25

Item no. 700067

First use: **Jaguar Land Rover - Workstation**

Stroke	Weight	PB max.	F max.
25 mm	1.68 kg	800 bar	100 kN



PushPull cylinder PP 90

Item no. 700105

Pressure cylinder with 2-way function: push and pull

Stroke	Weight	PB max.	F max.
16 mm	2.6 kg	800 bar	90 kN

PushPull



C-arms

Item no.	700070	700071	700072
Name	80/40	80/120	140/240
Operating window	80 x 40 mm	80 x 120 mm	140 x 240 mm
Weight	2 kg	4 kg	10 kg
	with safety interlock	with safety interlock	with safety interlock



C-arm set

Item no. 700080

Scope of delivery:
 1 x C-arm GC 80/120
 1 x C-arm GC 140/240
 1 x extension 93 mm
 1 x extension 60 mm
 1 x transport case



Extension for C-arm 140/240

Name	for short stroke cylinder SSC 35/25	for PushPull cylinder PP 90
Item no.	700517	700153
Length	93 mm	60 mm



Pull cylinders

Blind rivet adapter **BR20**

Item no. 700100

PATENTED

SWIVEL JOINT

Our **smallest pulling adapter** for the global market!
Traction force 20 kN

- freely tiltable and rotatable
- for rivets with shaft: \varnothing 2.0-4.2 mm
- extremely good accessibility for challenging riveting tasks

Dimensions	Stroke	Weight	F max.	Swivel angle	interlock steps
100×56×74.5 mm	22 mm	1.0 kg	20 kN	120°	30°



incl. mouthpieces

Blind rivet adapter **BR50**

Item no. 700101

PATENTED

SWIVEL JOINT

The power package designed for the future!
Traction force 50 kN

- freely tiltable and rotatable
- for rivets with shaft: \varnothing 2.0-5.0 mm
- extremely good accessibility for challenging riveting tasks

Dimensions	Stroke	Weight	F max.	Swivel angle	interlock steps
252 × 56 mm	25 mm	1.5 kg	50 kN	120°	30°



incl. mouthpieces

Blind rivet adapter **BR80**

Item no. 700112

PATENTED

SWIVEL JOINT

The universal pull cylinder for multiple applications!
Traction force kN

- ultra high strength blind rivets and nuts
- HUK Bom
- studs
- bolts
- Magna Grip



Dimensions	Stroke	Weight	F max.	Swivel angle	interlock steps
200 × 112 mm	25 mm	2.5 kg	80 kN	120°	30°

SELECT THE MATCHING ADAPTER
 ACCORDING TO YOUR NEEDS

Extensions & pulling adapters for BR50/BR 80

Item no.	Extensions		Pulling adapters			
	700150	700151	700138	700139	700136	700137
Name	BR 50	BR 50	BR 50	BR 50	BR 80	BR 80
Length	100 mm	150 mm	55 mm	55 mm	65 mm	65 mm
\varnothing	2.0 - 5.0 mm	2.0 - 5.0 mm	3.0 - 5.5 mm	5.5 - 7.0 mm	3.0 - 5.5 mm	5.5 - 7.0 mm



Pull cylinders

Blind rivet nut adapter **BRN50**

Item no. 700110

PATENTED

SWIVEL JOINT

With stepless variable pulling length adjustment!
Traction force 50 kN

- perfect installation control
- freely rotatable and tiltable
- for riveting nuts M4-M12, threaded bolts, pins, etc.



Dimensions	Stroke	Weight	F max.	Swivel angle	interlock steps
241 x 56 mm	16 mm	1.65 kg	50 kN	120°	30°

Set - blind rivet nut adapter BRN50 incl. Tool Box RS-04

Item no. 700111

PATENTED

SWIVEL JOINT

Scope of delivery: Blind rivet nut adapter BRN 50 + Tool Box RS-04



Pulling adapter for blind rivet nuts for BRN50

Tool Box RS-04

	Item no.	Thread	Threadlength	
	700324	M4	25 mm	
	700325	M5	25 mm	
	700326	M6	30 mm	
	700327	M8	25 mm	
	700328	M10	25 mm	
	700305	M12	30 mm	
	700124	M10 left-hand thread	25 mm	
	700129	M12 x 1.5	30 mm	

Item no. 700201



Set of pulling adapters for blind rivet nuts consisting of: M4, M5, M6, M8, M10, M12

Pulling adapter for blind rivet studs for BRN50

Item no.	700127	700123	700122	700120	700121
Thread	5 mm RivBolt	6 mm RivBolt	M8	M6	self lock



Mouthpieces

Standard mouthpieces for BR20/BR50

for processing of blind rivets

Item no.	700204	700215	700524	700525	700532
Name	Tool Box (4 pcs.)	Tool Box (7 pcs.)	3.2 C	3.6 C	3-AL
Ø mm	3.2 - 4.5	3.2 - 5.1	3.2	3.6	
	3.2A 3.6A 4.0A 4.5A	3.2A 4.5B 3.6A 4.8B 4.0A 5.1B 4.5A	for blind rivets in the area of the roof rail	for blind rivets in the area of the roof rail	for blind rivets with extra long shaft
BR20	X		X	X	X
BR50	X	X	X	X	X



Standard mouthpieces for BR20/BR50

Item no.	flat head				concave head		
	700518	700519	700520	700521	700523	700522	700359
Name	3.2A	3.6A	4.0A	4.5A	4.5B	4.8B	5.1B
Ø mm	3.2	3.6	4.0	4.5	4.5	4.8	5.1
					for RIBE blind rivets	for RIBE blind rivets	
BR20	X	X	X	X			
BR50	X	X	X	X	X	X	X



Mouthpieces for additional pulling adapters for BR50/BR80 (page 22)

	for processing of blind rivets				extraction of self-piercing rivets with welding studs					
					for aluminum			for steel		
	703131	703132	703133	703134	703135	703137	703139	703136	703138	703140
Ø mm	5.1 - 5.5	4.5 - 5.1	4.0 - 4.5	3.4 - 4.0	3.0 - 4.0	4.0 - 5.0	6.0 - 6.5	3.0 - 4.0	4.0 - 5.0	6.0 - 6.5
BR50 3-5.5 mm	X	X	X	X	X	X		X	X	
BR50 5.5-7 mm							X			X
BR 80 3-5.5 mm	X	X	X	X	X	X		X	X	
BR 80 5.5-7 mm							X			X



color may vary

Rivets

Blind rivet nuts for BRN50

Item no.	777203	777204	777205	777206	777207	777208
Name	M4	M5	M6	M8	M10	M12
Dimensions	6.0 × 11.0 mm	7.0 × 11.5 mm	9.0 × 15.5 mm	11.0 × 17.0 mm	12.0 × 17.5 mm	15.9 × 23.0 mm
Material	steel	steel	steel	steel	steel	steel
QTY	25 pcs.	25 pcs.	25 pcs.	10 pcs.	10 pcs.	5 pcs.



Rivet screws for BRN50

Item no.	777247	777267		777246
Name	M6	M8		SelfLock
Ø	6 mm	8 mm		6 mm
Material	steel	steel		steel
QTY	10 pcs.	10 pcs.		10 pcs.



Blind rivets

Item no.	777227	777228	777229	777231	777230	777215	777216	777217
Name	blind rivet 4 × 6	blind rivet 5 × 6	blind rivet 6 × 8	blind rivet 6 × 10	blind rivet RIBE	blind rivet AUDI	blind rivet BMW	blind rivet BMW
Dimensions	4.0 × 6.0 mm	5.0 × 6.0 mm	6.0 × 8.0 mm	6.0 × 10.0 mm	6.5 × 12.5 mm	6.5 × 15.0 mm	6.5 × 14.0 mm	6.5 × 16.0 mm
Material	aluminium	aluminium	aluminium	aluminium	galvanized	steel	steel	steel
BR20	X	X	X	X				
BR50	X	X	X	X	X	X	X	X
QTY	40 pcs.	40 pcs.	40 pcs.	40 pcs.	25 pcs.	10 pcs.	10 pcs.	10 pcs.



Temporary fasteners

Item no.	577108	577104	577109	577106	577107	577110
Ø	2.5 mm	4.1 mm	4.7 mm	6.0 mm	6.35 mm	8.0 mm
QTY	20 pcs.	20 pcs.	20 pcs.	30 pcs.	20 pcs.	20 pcs.



Note: When using Flow Form Rivets (FFN) and Countersunk Flow Form Rivets (SFFN), the description of the working process and the application areas of the corresponding repair instructions of the vehicle manufacturer (OEM) must be observed. In principle, a test rivet must always be installed whenever the material or the material thickness is changed. This is the only way to ensure a reliable riveting process. This applies to all rivets from the WS Wieländer+Schill range.

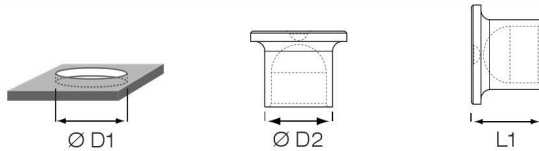


Self-piercing rivets



Ø D2	3.3 mm				5.3 mm							
Material	steel				steel							
L1 (mm)	3.5	4.0	5.0	6.0	4.0	5.0	6.0	6.5	7.0	7.5	8.0	9.0
K1 (mm)	1.5-2.5	2.5-3.5	3.0-4.0	4.0-5.0	2.0-3.0	3.0-4.0	4.0-5.0	4.5-5.5	5.0-6.0	5.5-6.5	6.0-7.0	7.0-8.0
Item no.	777218	777200	777225	777222	777202	777219	777221	777224	777226	777223	777201	777199
QTY	100 pcs.	100 pcs.	100 pcs.	100 pcs.	200 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.	100 pcs.

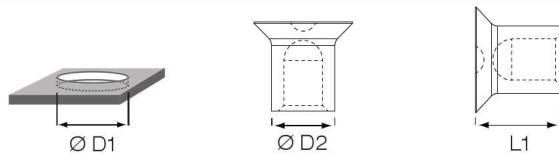
Flow-form rivets (10 pcs.)



Ø D1	6.0 mm										
Ø D2	5.6 mm										
Material	steel							aluminium			
L1 (mm)	6.9	8.1	9.3	10.6	12.6	13.8	15.0	8.1	9.3	10.6	
Name	S0	S1	S2	S3	S4	S5	S6	A1	A2	A3	
Item no.	777232	777212	777213	777214	777233	777234	777235	777209	777210	777211	

Ø D1	8.0 mm							
Ø D2	7.4 mm							
Material	steel							
L1 (mm)	8.0	9.2	10.4	11.4	12.6	13.8	15.0	
Name	S08	S18	S28	S38	S48	S58	S68	
Item no.	777260	777261	777262	777263	777264	777265	777266	

Countersunk flow-form rivets (10 pcs.)



Ø D1	6.0 mm							
Ø D2	5.7 mm							
Material	steel							
L1 (mm)	5.8	7.8	9.0	10.1	11.5	12.9	13.9	
Name	CS0	CS1	CS2	CS3	CS4	CS5	CS6	
Item no.	777304	777300	777301	777302	777303	777305	777306	



RivBox N° 1 - assortment box standard

Item no. 777281

Scope of delivery:

self-piercing rivets:

100 × 3.3 × 3.5 mm
 100 × 3.3 × 4.0 mm
 200 × 5.3 × 4.0 mm
 100 × 5.3 × 5.0 mm
 100 × 5.3 × 6.0 mm

flow-form rivets:

20 × ALU 5.6 × 8.1 mm A1
 10 × ALU 5.6 × 9.3 mm A2
 10 × ALU 5.6 × 10.6 mm A3
 10 × steel 5.6 × 8.1 mm S1
 10 × steel 5.6 × 9.3 mm S2
 10 × steel 5.6 × 10.6 mm S3

blind rivets:

40 × ALU 5.0 × 6.0 mm
 40 × ALU 6.0 × 8.0 mm
 20 × BMW 4.0 × 10.0 mm
 20 × BMW 4.0 × 12.0 mm
 20 × RIBE 6.5 × 12.5 mm

blind rivet nuts:

25 × steel M6 × 9.0 × 15.5 mm
 10 × steel M8 × 11.0 × 17.0 mm
 5 × steel M12 × 15.9 × 23.0 mm

1 × Special Center Punch

with 2 functions for self-piercing rivets



RivBox N° 2 - assortment box flow-form rivets

Item no. 777282

Scope of delivery:

flow-form rivets:

10 × FFN / FFR ALU 5.6 × 8.1 mm A1
 10 × FFN / FFR ALU 5.6 × 9.3 mm A2
 10 × FFN / FFR ALU 5.6 × 10.6 mm A3
 10 × FFN / FFR steel 5.6 × 8.1 mm S1
 10 × FFN / FFR steel 5.6 × 9.3 mm S2
 10 × FFN / FFR steel 5.6 × 10.6 mm S3
 10 × FFN / FFR steel 5.6 × 12.6 mm S4
 10 × FFN / FFR steel 5.6 × 13.8 mm S5
 10 × FFN / FFR steel 5.6 × 15.0 mm S6
 10 × FFN / FFR steel 7.4 × 8.0 mm S08
 10 × FFN / FFR steel 7.4 × 9.2 mm S18
 10 × FFN / FFR steel 7.4 × 10.4 mm S28
 10 × FFN / FFR steel 7.4 × 11.4 mm S38
 10 × FFN / FFR steel 7.4 × 12.6 mm S48
 10 × FFN / FFR steel 7.4 × 13.8 mm S58
 10 × FFN / FFR steel 7.4 × 15.0 mm S68



RivBox N°3 - assortment box

Item no. 777283

Scope of delivery:

countersunk flow-form rivets:

50 × SFFN / CFFR CF0
 50 × SFFN / CFFR CF1
 50 × SFFN / CFFR CF2
 50 × SFFN / CFFR CF3
 50 × SFFN / CFFR CF4

flow-form rivets:

50 × FFN / FFR S0
 50 × FFN / FFR S1
 50 × FFN / FFR S2
 50 × FFN / FFR S3
 50 × FFN / FFR S4

1 × Special Center Punch

with 2 functions for self-piercing rivets

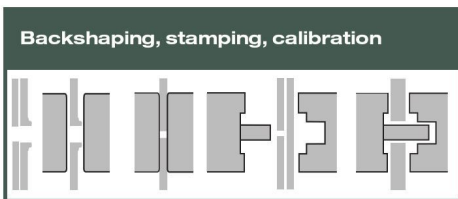
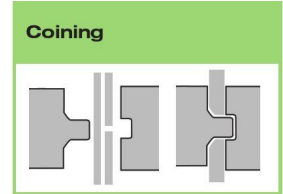
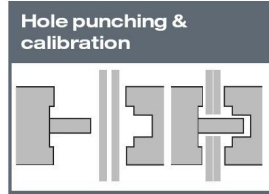
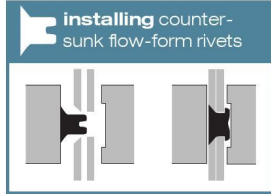
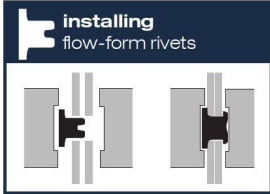
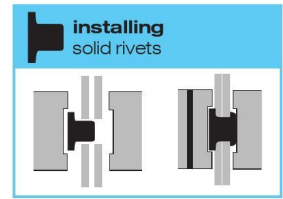
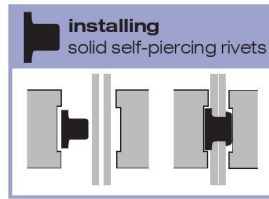
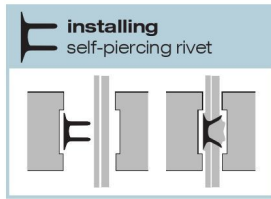
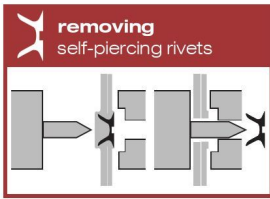


Punching crowns SKR

Ø mm	6.0	6.7	8.0
Item no.	700141	700142	700140
QTY	50 pcs.	50 pcs.	50 pcs.



Tool Boxes



application videos



Tool Box RS-03

Item no. 700200

BMW

A1	A2	D1	D2	E1	E2
x1	x1	x1	x1	x1	x1
Ø 5.2 mm		Ø 3 mm		Ø 5 mm	

inclusive:

F1 Z4

SSC 35/25

SSC 40/25



Tool Box RS-05

Item no. 700202

AUDI

D3	D4	D13	D14	D18	D19	S1	S4	S5	D5
x1	x1	x1	x1	x1	x1	x1	x1	x1	x1
Ø 5 mm		Ø 5.3 x 7.5 mm		Ø 3.2 mm					5 mm

D12	D10	D11	D6	D7	D15	D16	D8	D9	D17
x1	x1	x1	x1	x1	x1	x1	x2	x1	x2
5 mm	Ø 4 mm		Ø 4.8 mm		Ø 6 mm		Ø 4 mm		6 mm

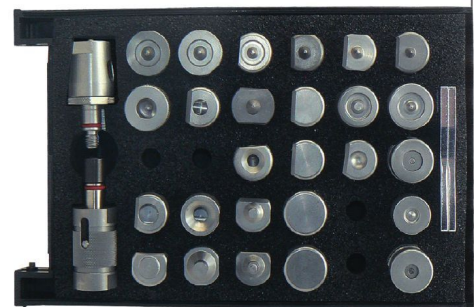
S2	S3	S6	S7	S8
x1	x1	x1	x1	x1
Ø 3.2 mm		Ø 5.3 mm		

inclusive:

F1 Z4

SSC 35/25

SSC 40/25



Tool Box Punch Kit | Ø 6.7 mm

Item no. 700143

K1	B67
x1	x1
Ø 6.7 mm	

inclusive:



Tool Box RS-06

Item no. 700193

JAGUAR LAND ROVER

A4	A6	BL6	C1	C2	C16	C17	C18	C21	E3
x1	x1	x1	x1	x1	x1	x1	x1	x1	x1
Ø 9 mm	6 mm	Ø 6 mm	6 mm				Ø 4,7 mm		

J1	K1	K2	K5
x2	x1	x1	x1
6 mm	Ø 6 mm	6 mm	

inclusive:



SSC 35/25

SSC 40/25



Tool Box RS-07

Item no. 700205

MERCEDES-BENZ

V1	V2	B3	B4	B7	G1	B5	B6	B8	G2
x1	x1	x1	x1	x1	x1	x1	x2	x1	x1
Ø 4 mm			Ø 6 mm				Ø 8 mm		

C1	C2	C3	C4	C5	K1	K2	K3	K4	A4
x1	x1	x1	x1	x1	x1	x1	x1	x1	x1
Ø 6 mm	Ø 8 mm	8 mm	Ø 6 mm	Ø 8 mm					

inclusive:



PushPull PP 90



Tool Box RS-08

Item no. 700206

Tool Box RS-08XP

designed for XPac - Page 11

TESLA

A4	B5	B6	B8	G2	C3	C4	C5	K3	K4
x1	x1	x1	x1	x1	x1	x1	x1	x1	x1
		Ø 8 mm			Ø 8 mm		Ø 8 mm		

E1	inclusive:
x1	F1 F3 F5 Z1 Z4  SKR 8 mm
5,3mm	

SSC 35/25

SSC 40/25

PushPull PP 90



Tool Box RS-09

Item no. 700195

FORD

A4	BL8	C10	C11	C12	C13	C14	C15	C19	C20
x1	x1	x1	x1	x1	x1	x1	x1	x1	x1
Ø 8 mm									

inclusive:

F1 Z4

SSC 35/25

SSC 40/25



Tool Box RS-10

Item no. 700208

General Motors

A4	B6	C1	C2	C16	K5	B3	B4	B7	G1
x 2	x 1	x 1	x 1	x 1	x 1	x 1	x 2	x 1	x 1
Ø 8 mm		Ø 6 mm			6 mm	Ø 6 mm			

K1	K2
x 2	x 2
Ø 6 mm	

Inclusive:

F3 Z1 Z4  SKR 6 mm



Tool Box RS-11

Item no. 700209

TESLA

E1	T1	T2	T3	T4	T5	T6	T7	T8
x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
Ø 5 mm								

Inclusive:

F1 Z4



Tool Box RS-12

Item no. 700210

NIO

A5	B6	B3	B4	B7	G1	C1	C2	C16	K5
x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1	x 1
Ø 8 mm		Ø 6 mm			6 mm	6 mm			

E1	E2	K1	K2
x 1	x 1	x 1	x 1
Ø 5 mm		Ø 6 mm	

Inclusive:

F3 Z1 Z4  SKR 6 mm  SKR 8 mm 



Tool Box RS-13

Item no. 700196

PORSCHE

A4	BL6	BL8	C1	C16	K1	K2
x 1	x 1	x 1	x 1	x 1	x 1	x 1
	6 mm	8 mm	Ø 6 mm		Ø 6 mm	

Inclusive:

F1 Z4  SKR 6 mm



Tool Box RS-14 | self-piercing rivets add-on set

Item no. 700212

D1	D2	E1	E2
x 1	x 1	x 1	x 1
3 mm		5 mm	

inclusive:

F4 Z4



Tool Box RS-15


Item no. 700191

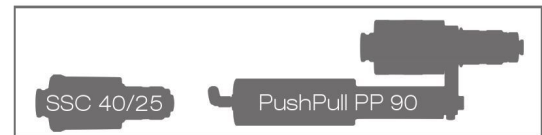
LUCID MOTORS

B3	B4	B7	G1	A5	B6	BL6	BL8
x 1	x 2	x 1	x 1	x 2	x 1	x 1	x 1
Ø 6 mm				Ø 8 mm		6 mm	8 mm

C1	C2	C16	K1	K2	K5
x 1	x 1	x 1	x 1	x 1	x 1
Ø 6 mm		6 mm	Ø 6 mm		6 mm

inclusive:

F1 F3 Z1 Z4  SKR 6 mm  centre punch



Tool Box RS-16SSC

Item no. 700190

A4	BL8	C3	C4	C5	K3	K4
x 1	x 1	x 1	x 1	x 1	x 1	x 1
8 mm		Ø 8 mm			Ø 8 mm	

inclusive:

F1 Z4  SKR 8 mm



Tool Box RS-16PP

Item no. 700189



















































A4	B5	B6	B8	G2	K1	B67
x 1	x 1	x 2	x 1	x 1	x 1	x 1
Ø 8 mm					Ø 6.7 mm	

C3	C4	C5	K3	K4
x 1	x 1	x 1	x 1	x 1
Ø 8 mm			Ø 8 mm	

inclusive:

F3 Z1 Z4  SKR 6.7 mm  SKR 8 mm



						4.7 mm	4.7 mm		
									
C10	C11	C12	C13	C14	C15	C17	C18	C19	C20
700537	700538	700541	700542	700539	700540	700891	703051	703226	703224
4.7 mm	3 mm	3 mm	5 mm	5 mm	4.7 mm	3.2 mm	3.2 mm	5.3 mm	5.3 × 5.5 mm
									
C21	D1	D2	E1	E2	E3	S2	S3	S6	S7
703232	700332	700262	700260	700261	700336	700233	700822	700821	700824
5.3 × 6.5 mm	5 mm	5 mm	5 mm	5 mm	5 mm	5 mm	5 mm	5 mm	4 mm
									
S8	T1	T2	T3	T4	T5	T6	T7	T8	D8
700823	700360	700366	700361	700362	700363	700364	700365	700367	700813
4 mm	6 mm	6 mm	6 mm	6 mm	6 mm	8 mm	8 mm	8 mm	4 mm
									
D9	D17	J1	C16	C1	C2	C3	C4	C5	V1
700811	700810	700248	700448	700256	700257	700266	700267	700276	700333
4 mm	5.2 mm	5.2 mm			9 mm	6 mm	8 mm	3.2-5.0 mm	5 mm
									
V2	A1	A2	A4	A5	A6	BL6	BL8	D3	D4
700277	700250	700251	700341	700369	700895	703222	703221	700800	700799

5.3 x 7.5 mm	5.3 x 7.5 mm	3.2 mm	3.2 mm	3.2 mm	5.3 x 5.5 mm	5.3 x 6.5 mm	6 mm	8 mm	5 mm
									
D13	D14	D18	D19	S1	S4	S5	B4	B6	D5
700812	700808	700804	700806	700795	700796	700798	700264	700270	700816

6 mm	6 mm	8 mm	6 mm	8 mm	6.7 mm	8 mm	6 mm	8 mm	4 mm
									
K5	B3	B5	B7	B8	B67	D12	G1	G2	D10
700449	700343	700344	700345	700342	700386	700820	700273	700268	700814

4 mm	4.8 mm	4.8 mm	6 mm	6 mm	6 mm	6 mm	8 mm	8 mm
								
D11	D6	D7	D15	D16	K1	K2	K3	K4
700335	700815	700806	700826	700809	700319	700297	700318	700298

32 mm extension F1

Item no. 700220

for all riveting processes in combination with the **short-stroke cylinder SSC 35/25** **short-stroke cylinder SSC 40/25**



26 mm extension F3

Item no. 700337

for all riveting processes in combination with the **PushPull Zylinder PP90**



28 mm extension F4

Item no. 700442

for all riveting processes in combination with the **Tool Box RS-14**



28 mm adapter Böllhof F5

Item no. 700443

for all riveting processes in combination with the **Böllhof dies**



assembling tool Z4

Item no. 700299



coupling PushPull Z1

Item no. 700280

A coupling used to connect the punching dies **B3**, **B5**, **B7** and **B8** to the PushPull cylinder.



Special Center Punch with 2 functions

Item no. 628006

Function no 1: to mark the rivets at the top side of the rivet
Function no 2: to mark the rivets at the bottom side of the rivet
The special center punch is self-centering.

