

Valid from 1 July 2020



SPARE PARTS 2020/21

A member of **SFS**

GESIPA®

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SPARE PART KITS377

LEGEND

	Description
No.	Article no.
	Position
	Tool type
Ø	Mandrel diameter

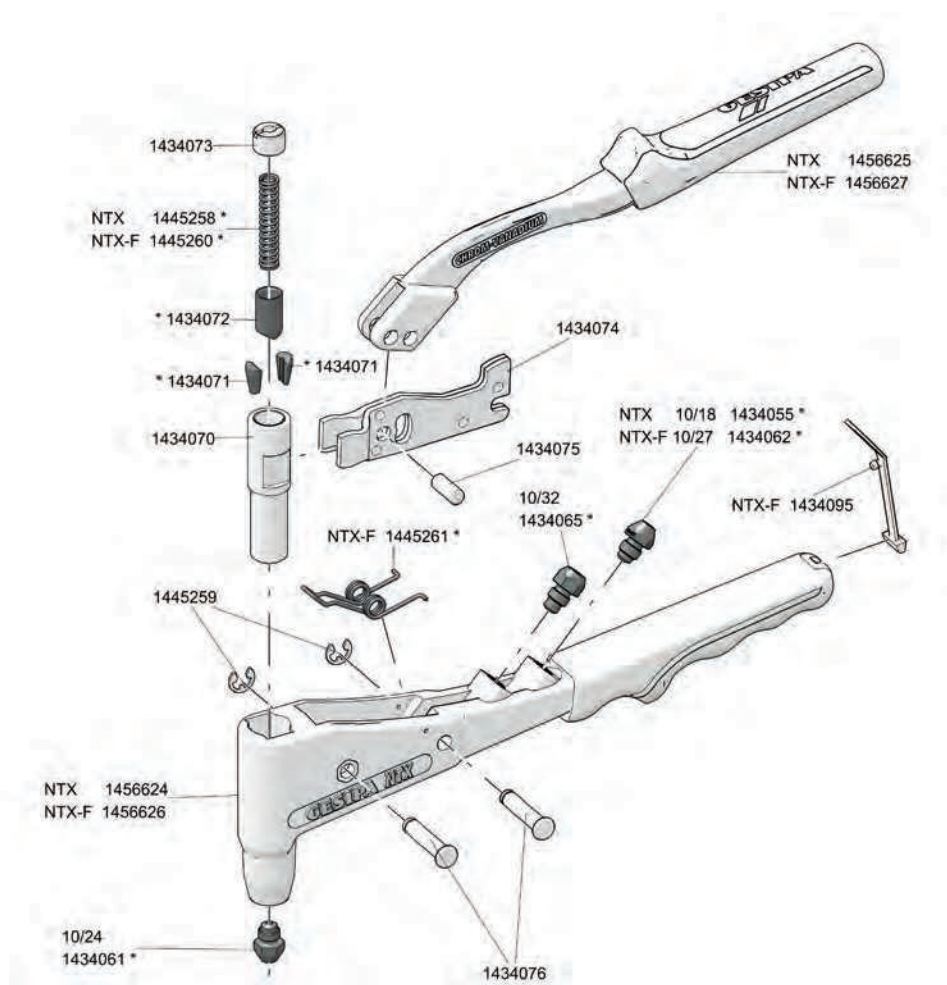
BLIND RIVET HAND TOOLS

NTX and NTX-F *(with self opening spring)*

No.	
143 4055	Nosepiece
143 4061	Nosepiece
143 4062	Nosepiece
143 4065	Nosepiece
143 4070	Jaw housing
143 4071	Jaws (2-part)
143 4072	Jaw pusher
143 4073	Closure screw
143 4074	Lever
143 4075	Bolt
143 4076	Bolt
143 4095	Strap
143 4241	Hard jaws (2-part) for CAP® blind rivets
144 5258	Compression spring
144 5259	Snap ring
144 5260	Compression spring
144 5261	Self opening spring
145 6624	Tool housing with sleeve grip
145 6625	Tool shanks with sleeve grip
145 6626	Tool housing with sleeve grip
145 6627	Tool shanks with sleeve grip

• Wearing parts

You will find detailed nosepiece allocation tables on page 134.



• Wearing parts

BLIND RIVET HAND TOOLS

Flipper®

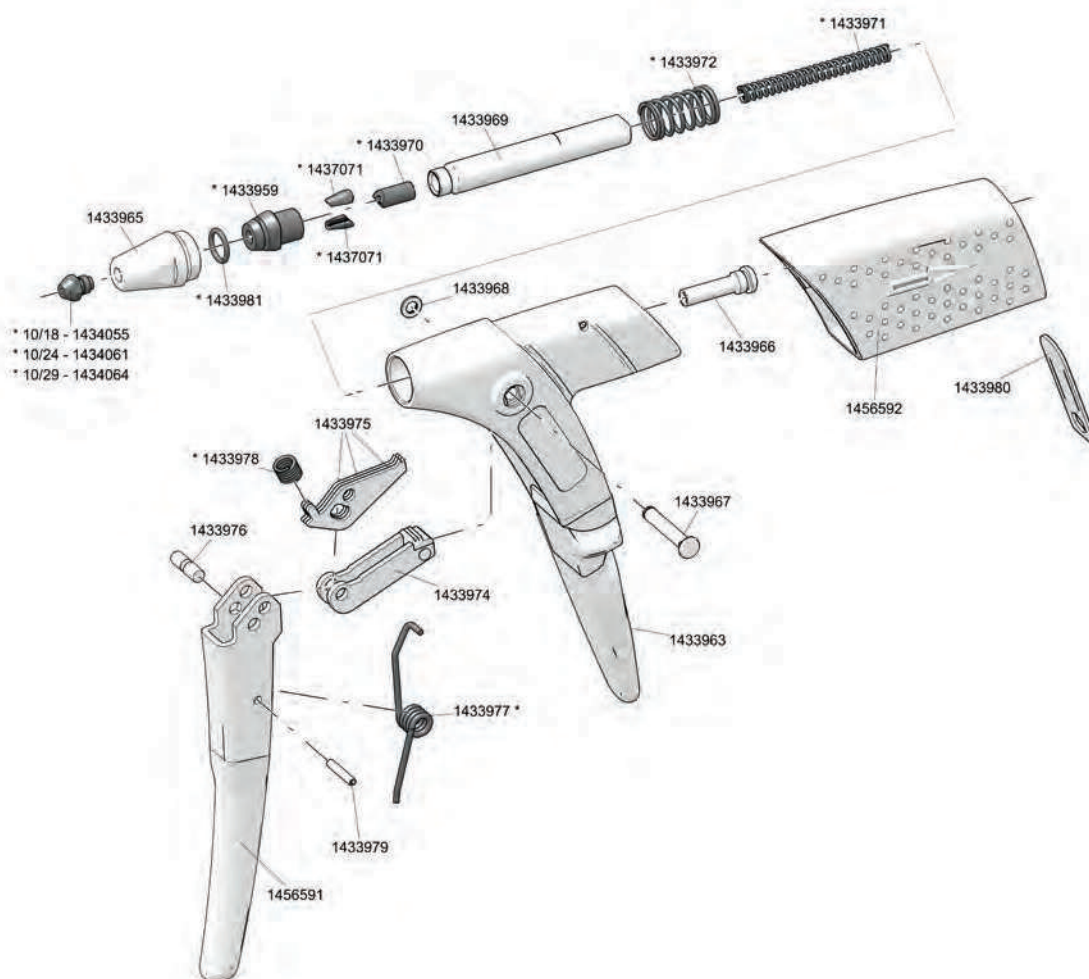
No.	
143 3959	Jaw housing
143 3963	Housing with slide block, lever and grip
143 3965	Head
143 3966	Closure screw
143 3967	Pivot bolt
143 3968	Snap ring
143 3969	Lock activator
143 3970	Jaw pusher
143 3971	Compression spring
143 3972	Return spring
143 3974	Drive pawl
143 3975	Storage finger (3-part) per set
143 3976	Bolt
143 3977	Self opening spring
143 3978	Retaining spring
143 3979	Spring dowel sleeve
143 3980	Maintenance wrench SW 10
143 3981	O-ring for jaw housing
143 4055	Nosepiece
143 4061	Nosepiece
143 4064	Nosepiece
143 7071	Jaws (2-part) per set
145 6591	Betätigungshebel mit Stulpgriff
145 6592	Operating lever with sleeve grip

Changeover set for plastic blind rivets

	No.	
10/30 K •	143 4092	Nosepiece
10/35 K •	143 4093	Nosepiece
10/40 K •	143 4094	Nosepiece
17 K •	143 4086	Jaws (2-part) per set
18 K	143 3982	Jaw pusher
24 K	143 3983	Closure screw
	143 3984	Changeover set complete

- Wearing parts

You will find detailed nosepiece allocation tables on page 134.



- Wearing parts

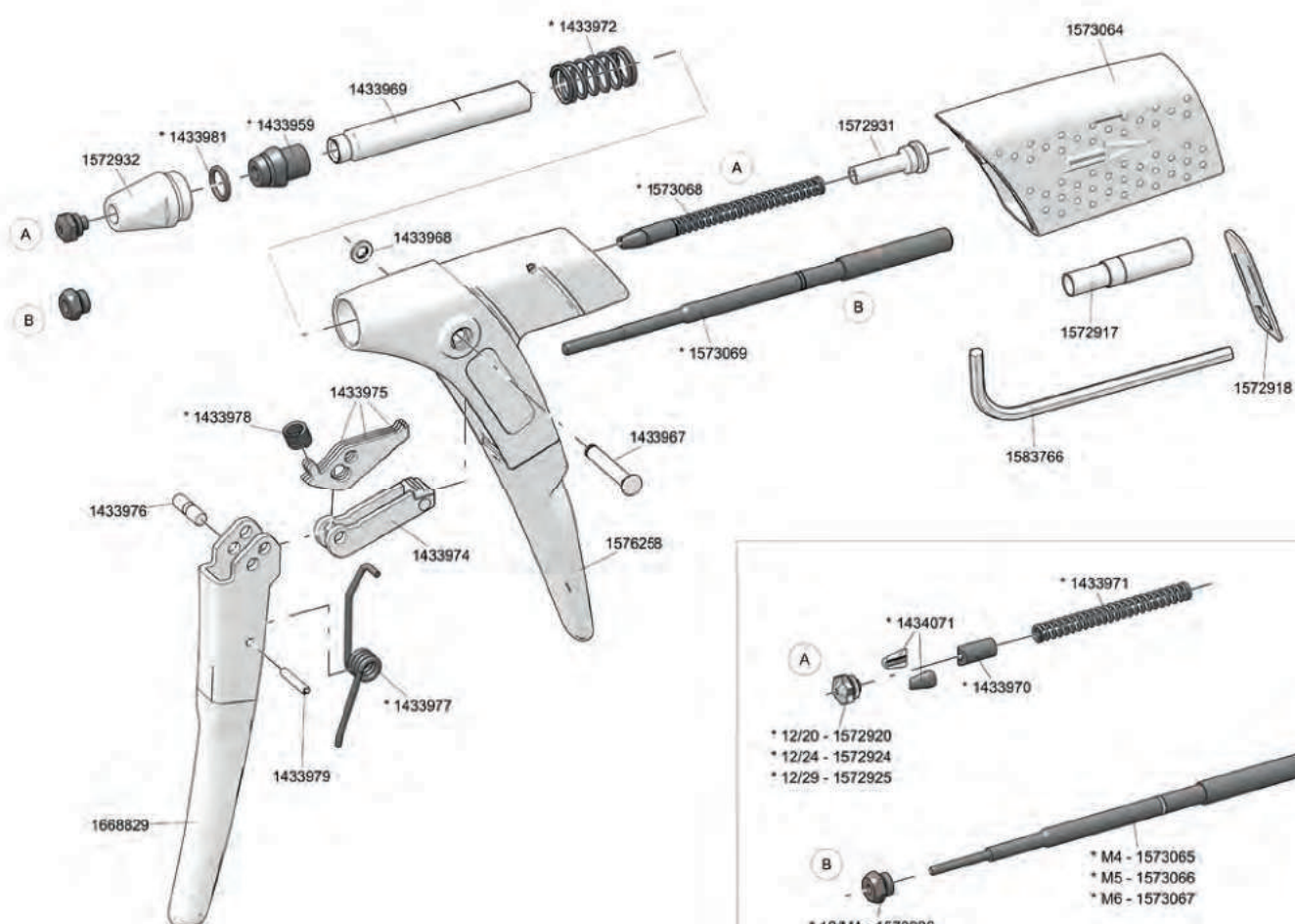
BLIND RIVET HAND TOOLS

Flipper® Plus

No.	
143 3959	Jaw housing
143 3967	Pivot bolt
143 3968	Snap ring
143 3969	Lock activator
143 3970	Jaw Pusher
143 3971	Compression spring
143 3972	Compression spring
143 3974	Drive pawl
143 3975	Storage finger (3-part) per set
143 3976	Bolt
143 3977	Self opening spring
143 3978	Retaining spring
143 3979	Spring dowel sleeve
143 3981	O-ring
143 4071	Jaws (2-part)
157 2917	Assembly aid
157 2918	Assembly key

No.	
157 2920	Nosepiece 12/20
157 2924	Nosepiece 12/24
157 2925	Nosepiece 12/29
157 2926	Nosepiece M4
157 2927	Nosepiece M5
157 2929	Nosepiece M6
157 2931	Closure screw
157 2932	Steel head sleeve
157 3064	Spent mandrel container
157 3065	Draw bar M4
157 3066	Draw bar M5
157 3067	Draw bar M6
157 3068	Jaw mechanism
157 3069	Jaw mechanism
157 6258	Housing with slide block, lever and grip
158 3766	Hexagon key
166 8829	Actuating lever

You will find detailed nosepiece allocation tables on page 134.



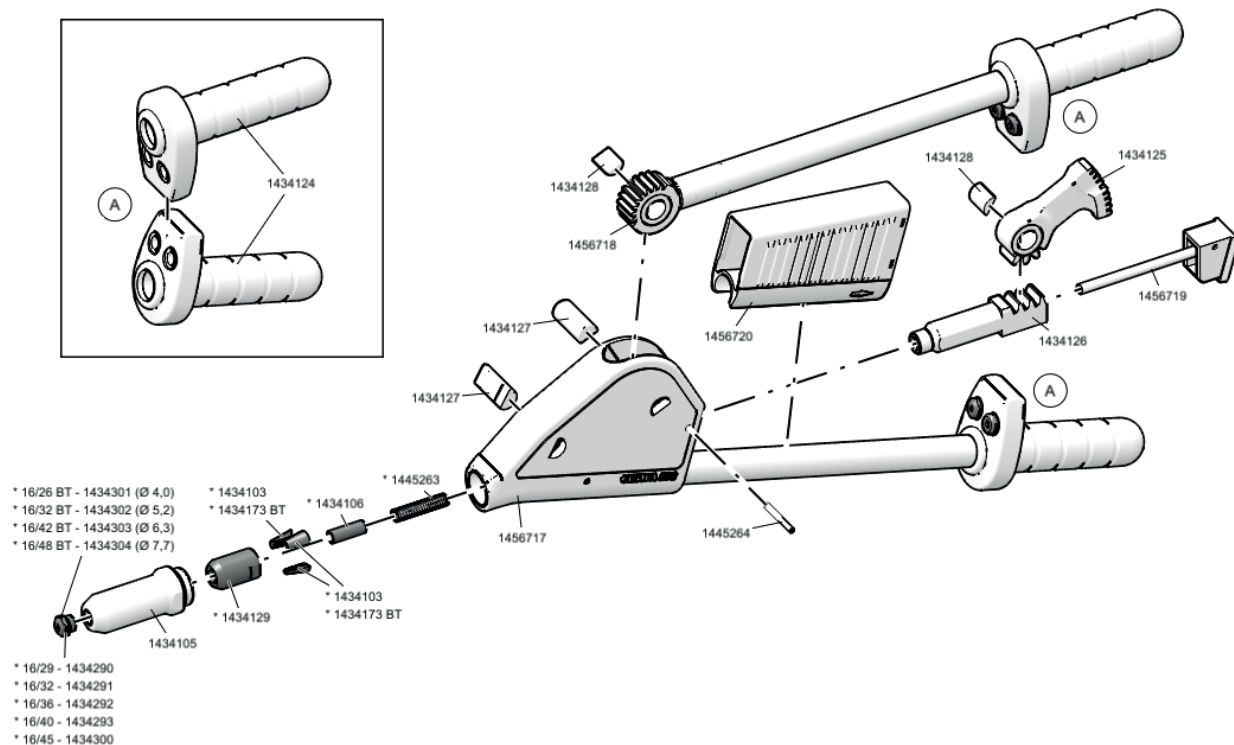
* Wearing parts

BLIND RIVET HAND TOOLS

HN 2 / HN 2-BT (only for BULB-TITE®)

No.	
143 4103	Jaws (3-part) per set
143 4105	Head
143 4106	Jaw pusher
143 4124	Grip
143 4125	Transmission segment
143 4126	Gear rack
143 4127	Bolt
143 4128	Safety bolt
143 4129	Jaw housing
143 4290	Nosepiece
143 4291	Nosepiece
143 4292	Nosepiece
143 4293	Nosepiece
143 4300	Nosepiece
143 4301	Nosepiece for 4 mm Ø BULB-TITE® rivets
143 4302	Nosepiece for 5.2 mm Ø BULB-TITE® rivets
143 4303	Nosepiece for 6.3 mm Ø BULB-TITE® rivets
143 4304	Nosepiece for 7.7 mm Ø BULB-TITE® rivets
144 5263	Compression spring
144 5264	Cylinder pin
145 6717	Housing with, lever and grip
145 6718	Operating lever with pinion and grip
145 6719	End block with guide tube
145 6720	Spent mandrel container

You will find detailed nosepiece allocation tables on page 135.



* Wearing parts

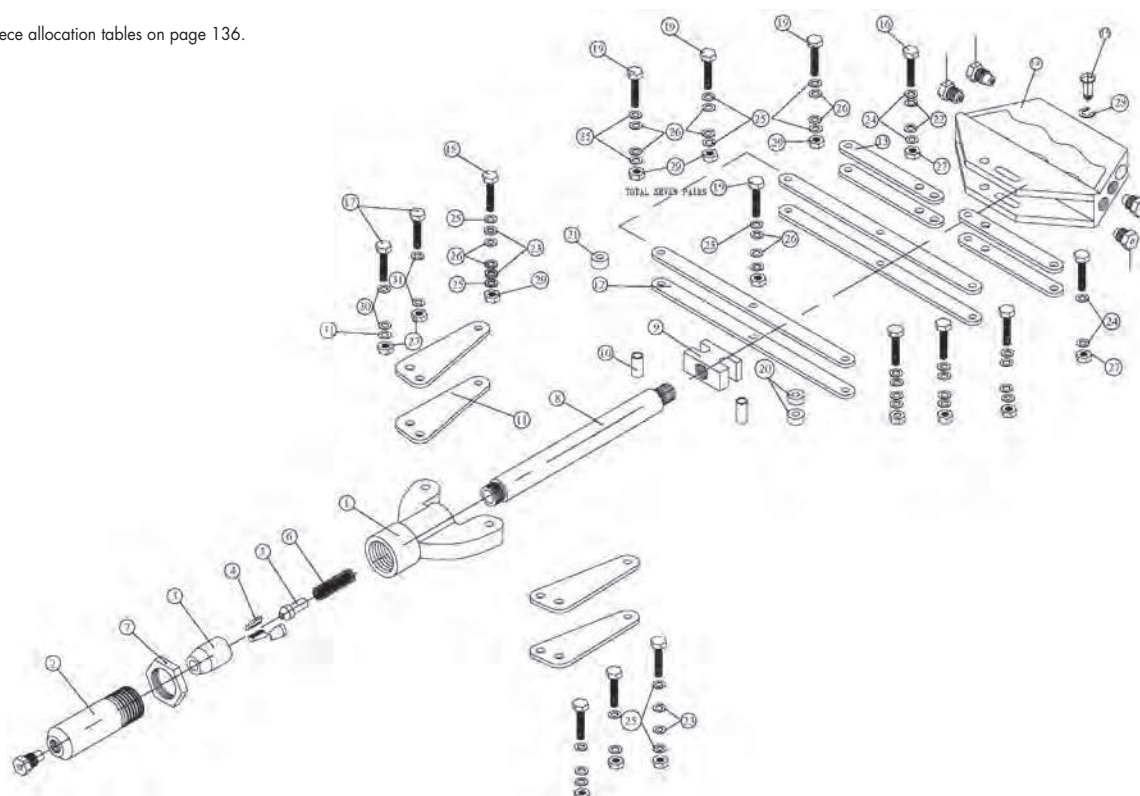
BLIND RIVET HAND TOOLS

SN 2

	No.	
1	145 6687	Housing
2	145 6688	Head
3	145 6689	Jaw housing
4 •	143 4958	Jaws (3-part)
5 •	145 6690	Jaw pusher
6 •	145 6691	Compression spring
7	145 6692	Locking nut
8	145 6693	Lock activator
10	145 6694	Sleeve, long
11	145 6695	Arm
12	145 6696	Lazy tongue segment, long
13	145 6697	Lazy tongue segment, short
14	145 6698	Grip
15	145 6699	Bolt
16	145 6700	Screw M6 x 37
17	145 6701	Screw M6 x 29
18	145 6702	Screw M5 x 29
19	145 6703	Screw M5 x 20.5
20	145 6704	Outer sleeve
21	145 6705	Inner sleeve
22	145 6706	Washer 6 x 1.8
23	145 6707	Washer 5 x 1.8
24	145 6708	Washer 6 x 12 x 1.0
25	145 6709	Washer 5 x 0.9
26	145 6710	Washer 5 x 0.5
27	144 5262	Nut M6
28	145 0574	Snap ring
29	145 6711	Nut M5
30	145 6712	Washer 6 x 9 x 0.7
31	145 6713	Washer 6 x 0.5
32 •	143 4955	Nosepiece 17/24
33 •	143 4973	Nosepiece 17/27
34 •	143 4974	Nosepiece 17/29
35 •	143 4975	Nosepiece 17/32
36 •	143 4977	Nosepiece 17/36
37 •	143 4999	Nosepiece 17/40
38 •	143 4860	Nosepiece 17/45

• Wearing parts

You will find detailed nosepiece allocation tables on page 136.



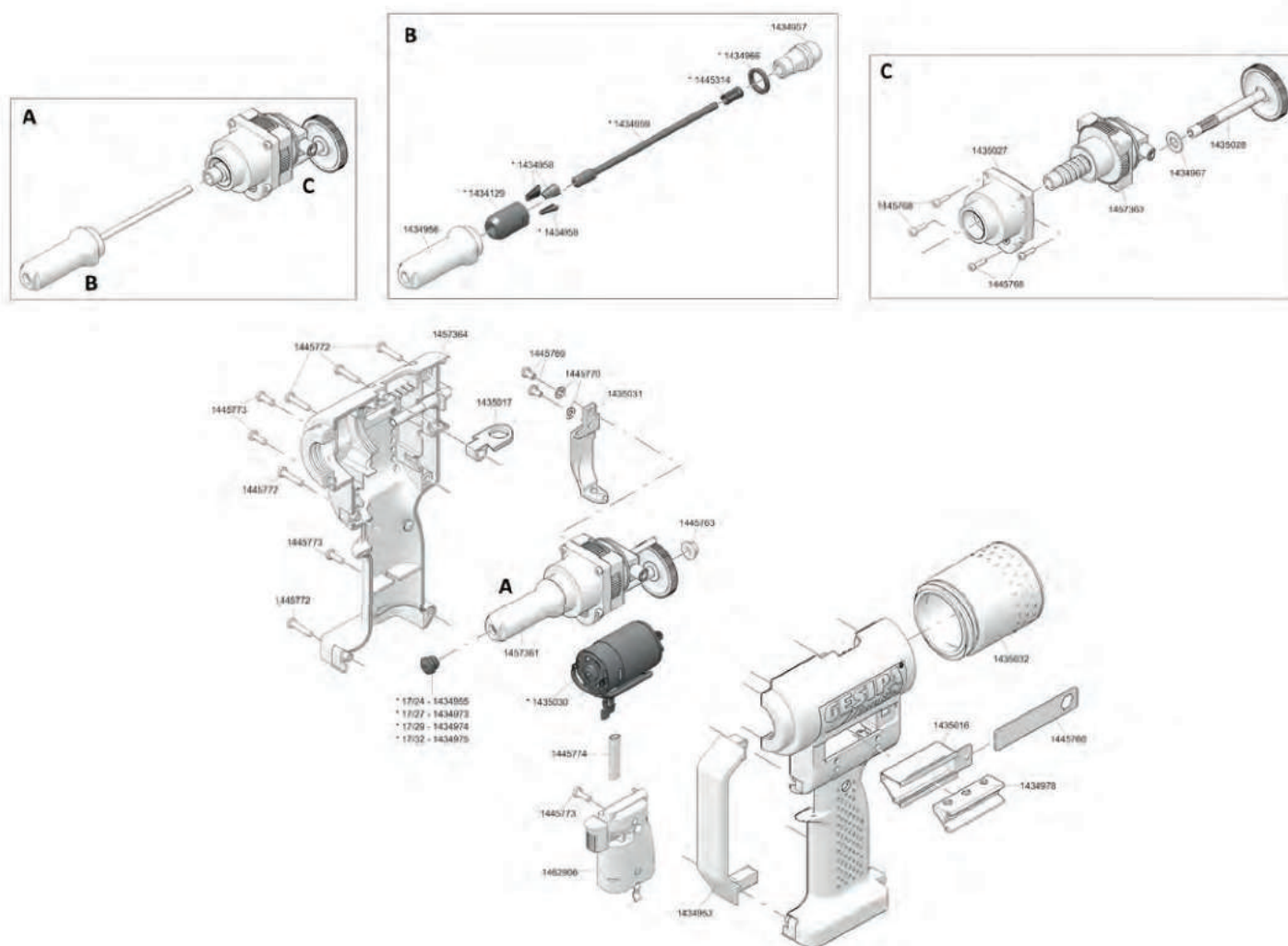
BATTERY POWERED BLIND RIVET SETTING TOOLS

AccuBird®

No.	
143 4129	Jaw housing
143 4953	Protection bracket
143 4955	Nosepiece 17/24
143 4956	Head
143 4957	Adapter
143 4958	Jaws (3-part)
143 4959	Jaw Pusher
143 4966	Abstreifer
143 4967	Anlaufscheibe
143 4973	Nosepiece 17/27
143 4974	Nosepiece 17/29
143 4975	Nosepiece 17/32
143 4978	Magazine insert
143 5016	Nosepiece magazine
143 5017	Hanger
143 5027	Bearing, complete
143 5029	Pinion shaft, complete

No.	
143 5030	Motor, complete
143 5031	Magnetic holder, complete
143 5032	Spent mandrel container, complete
144 5314	Compression spring
144 5760	Key
144 5763	Sintered-metal bushing
144 5768	Allen screw
144 5769	Magnetic holder screw
144 5770	Spring washer
144 5772	Housing screw, long
144 5773	Housing screw, short
144 5774	Hose, silicone
145 7361	Drive, complete
145 7363	Sintered-metal bushing
146 2906	E-control

You will find detailed nosepiece allocation tables on page 136.



* Wearing parts

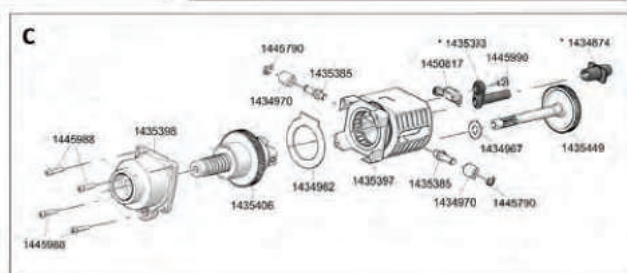
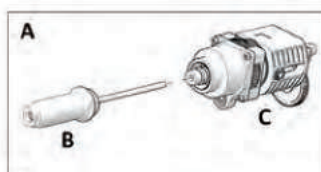
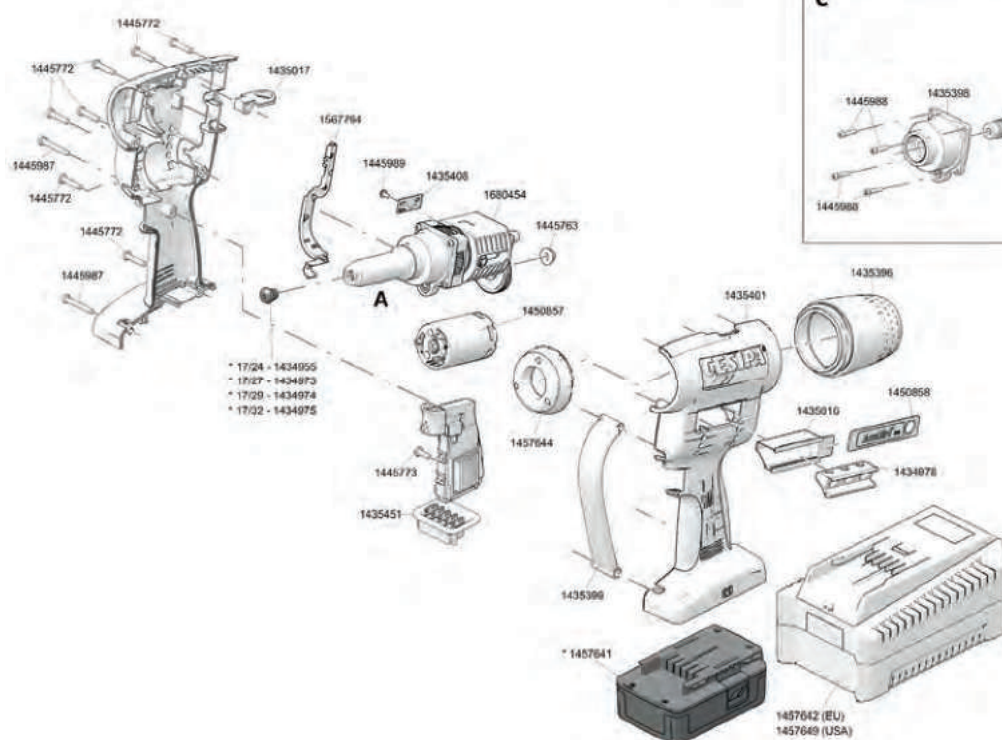
BATTERY POWERED BLIND RIVET SETTING TOOLS

AccuBird® Pro

No.	
143 4847	Tube
143 4955	Nosepiece 17/24
143 4962	Washer
143 4967	Washer
143 4970	Sintered metal roller
143 4973	Nosepiece 17/27
143 4974	Nosepiece 17/29
143 4975	Nosepiece 17/32
143 4978	Magazine insert
143 5016	Nosepiece magazine
143 5017	Hanger
143 5385	Pin
143 5386	Adapter
143 5392	Jaw housing
143 5393	Channel tube
143 5396	Spent mandrel container, complete
143 5397	Bearing cage, complete
143 5398	Bearing, complete
143 5399	Tool bar
143 5401	Housing, complete
143 5406	Ball screw drive
143 5408	Plate
143 5412	Spring
143 5413	Connector
143 5414	Threaded bush
143 5415	Spring
143 5448	Jaw pusher

No.	
143 5449	Pinion shaft
143 5451	Control
143 5568	Jaws (3-part)
143 6003	Steel head sleeve
144 5763	Sintered-metal bushing
144 5772	Screw, long
144 5773	Screw, short
144 5790	Lock washer
144 5987	Screw
144 5988	Screw
144 5989	Screw
144 5990	Screw
144 6012	O-ring
145 0817	Magnet
145 0856	Drive unit, complete
145 0857	Motor, complete
145 0858	AccuBird Pro key, complete
145 7641	Battery
145 7642	Battery charger (EU)
145 7644	Light, complete
145 7649	Battery charger (USA)
156 7794	Cable duct

You will find detailed nosepiece allocation tables on page 136.



* Wearing parts

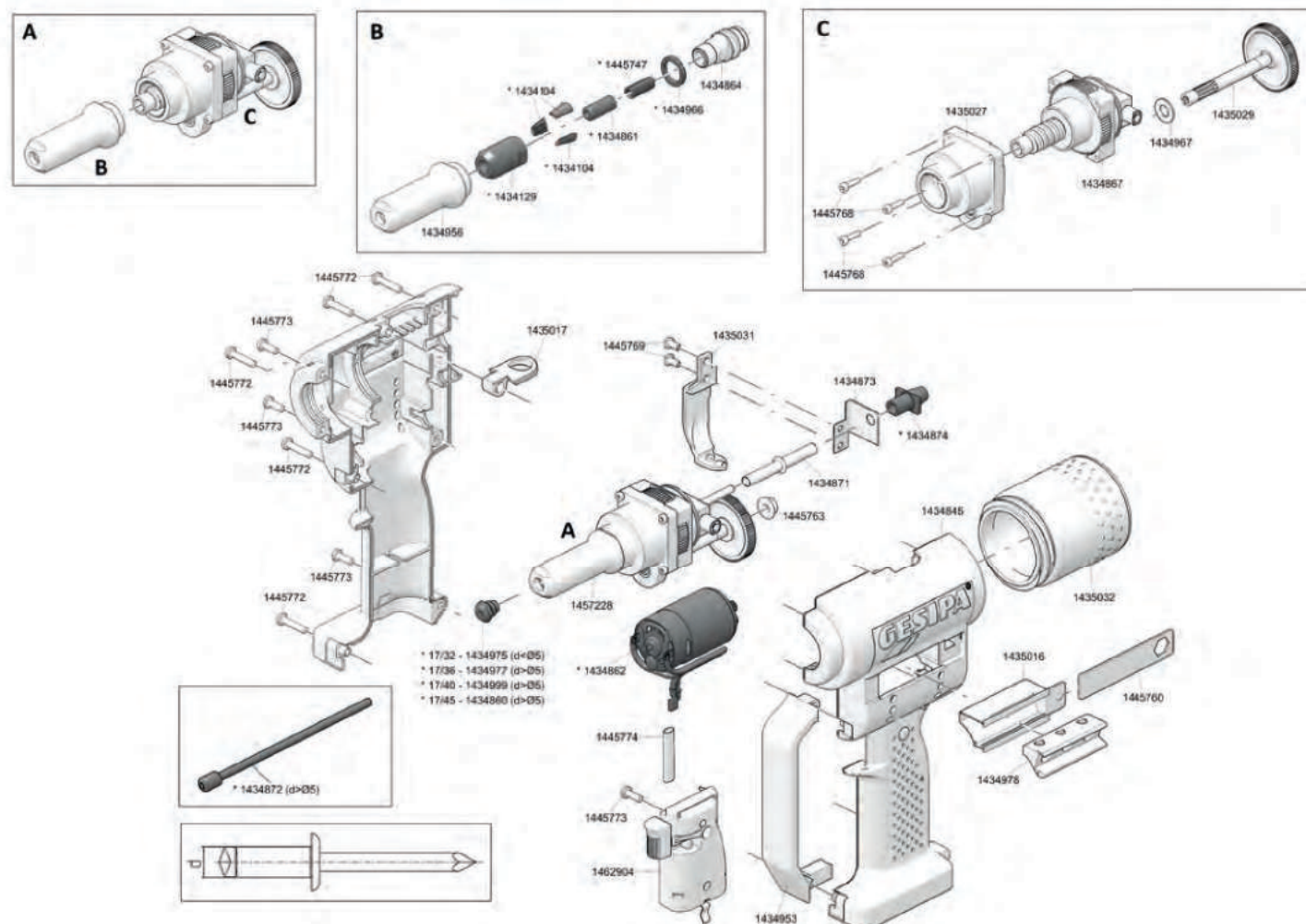
BATTERY POWERED BLIND RIVET SETTING TOOLS

PowerBird®

No.	
143 4104	Jaws (3-part)
143 4129	Jaw housing
143 4845	Housing, complete
143 4847	PA tube short
143 4860	Nosepiece 17/45
143 4861	Jaw pusher (for BN > Ø 5)
143 4862	Motor, complete
143 4864	Adapter
143 4867	Ball screw drive, mounted
143 4871	PB tube
143 4872	Jaw pusher
143 4873	Angle
143 4953	Protection bracket
143 4956	Head
143 4966	Wiper
143 4967	Stop disc
143 4975	Nosepiece 17/32
143 4977	Nosepiece 17/36
143 4978	Magazine insert
143 4999	Nosepiece 17/40
143 5016	Nosepiece magazine
143 5017	Hanger

No.	
143 5027	Bearing, complete
143 5029	Pinion shaft
143 5031	Magnetic holder, complete
143 5032	Spent mandrel container, complete
143 5034	Extension
144 5747	Compression spring
144 5760	Key
144 5763	Sintered-metal bushing
144 5768	Allen screw
144 5769	Magnetic holder screw
144 5772	Housing screw, long
144 5773	Housing screw, short
144 5774	Hose, silicone
145 7228	Drive complete
146 2904	E-control
146 2907	Safety lubrication grease 40 g tube

You will find detailed nosepiece allocation tables on page 136.



• Wearing parts

BATTERY POWERED BLIND RIVET SETTING TOOLS

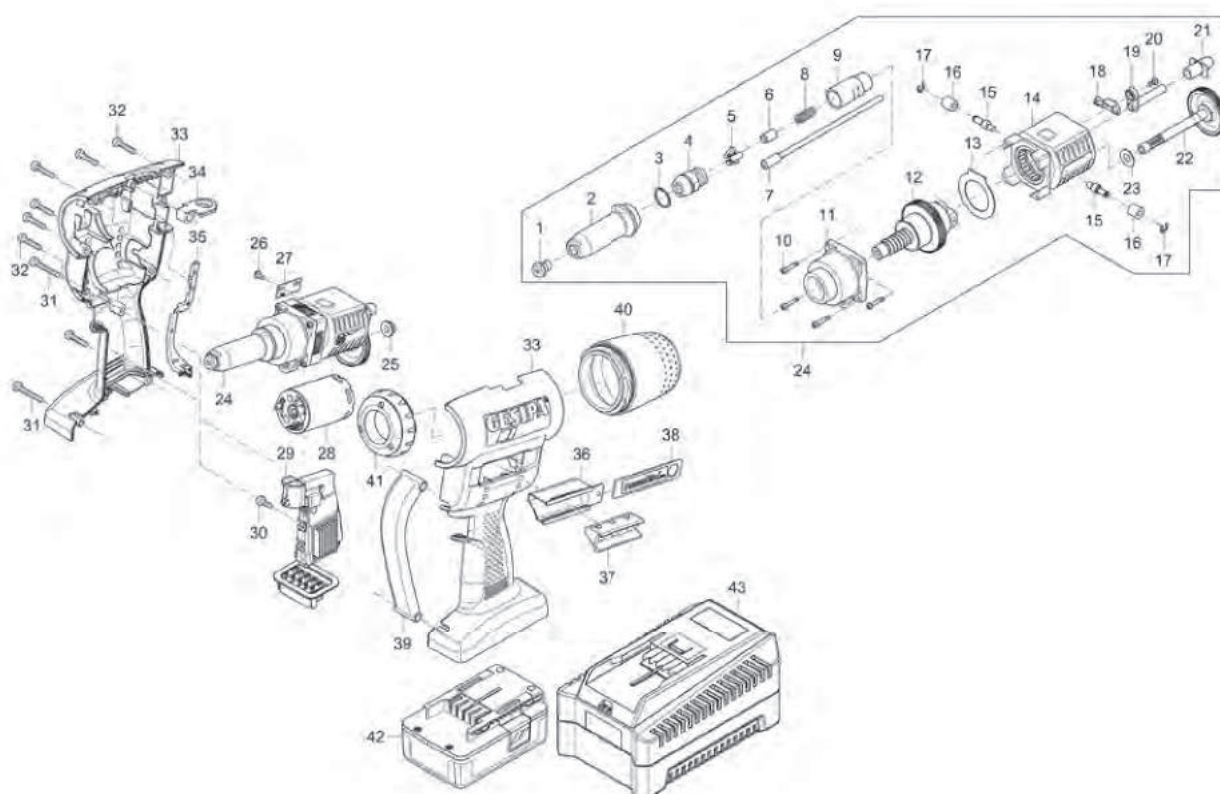
PowerBird® Pro and PowerBird® Pro Gold Edition

	No.	
1 •	143 4975	Nosepiece 17/32
	143 4977	Nosepiece 17/36
	143 4999	Nosepiece 17/40
	143 4860	Nosepiece 17/45
2	143 6003	Steel head sleeve
3 •	144 6012	O-ring
4 •	143 5392	Jaw housing
5 •	143 5568	Jaws (3-part)
6 •	143 5384	Jaw Pusher (> Ø 5)
7 •	143 5448	Jaw Pusher (< Ø 5)
8 •	143 5412	Spring
9	152 0557	Adapter
10	144 5768	Screw
11	143 5398	Bearing, complete
12	143 5406	Ball screw drive
13	143 4962	Washer
14	143 5397	Bearing cage
15	143 5385	Pin
16	143 4970	Sintered metal roller
17	144 5790	Lock washer
18	145 0817	Magnetic holder
19 •	143 5393	Channel tube
20	144 5990	Screw
21 •	143 4874	Tube
22	143 5442	Pinion shaft
	143 5395	Pinion shaft Pro Gold Edition
23	143 4967	Washer

	No.	
24	143 2608	Drive unit Pro complete
	145 7643	Drive unit Pro GE complete
25	144 5763	Sintered-metal bushing
26	144 5989	Screw
27	143 5408	Plate
28	146 3584	Motor complete Pro
	145 7645	Motor complete Pro Gold Edition
29	143 5441	Control Pro
	143 5381	Control Pro Gold Edition
30	144 5773	Screw, short
31	144 5987	Screw
32	144 5772	Screw, long
33	143 5401	Housing, complete
34	143 5416	Hanger Pro
	144 5746	Hanger Pro Gold Edition
35	143 5403	Cable duct
36	143 5016	Nosepiece magazine
37	143 4978	Magazine insert
38	145 7646	Key PowerBird® Pro complete
39	143 5399	Tool bar
40	143 5396	Spent mandrel container, complete
41	145 7644	Light, complete
42 •	145 7641	Battery
43	145 7642	Battery charger (EU)
	145 7649	Battery charger (USA)

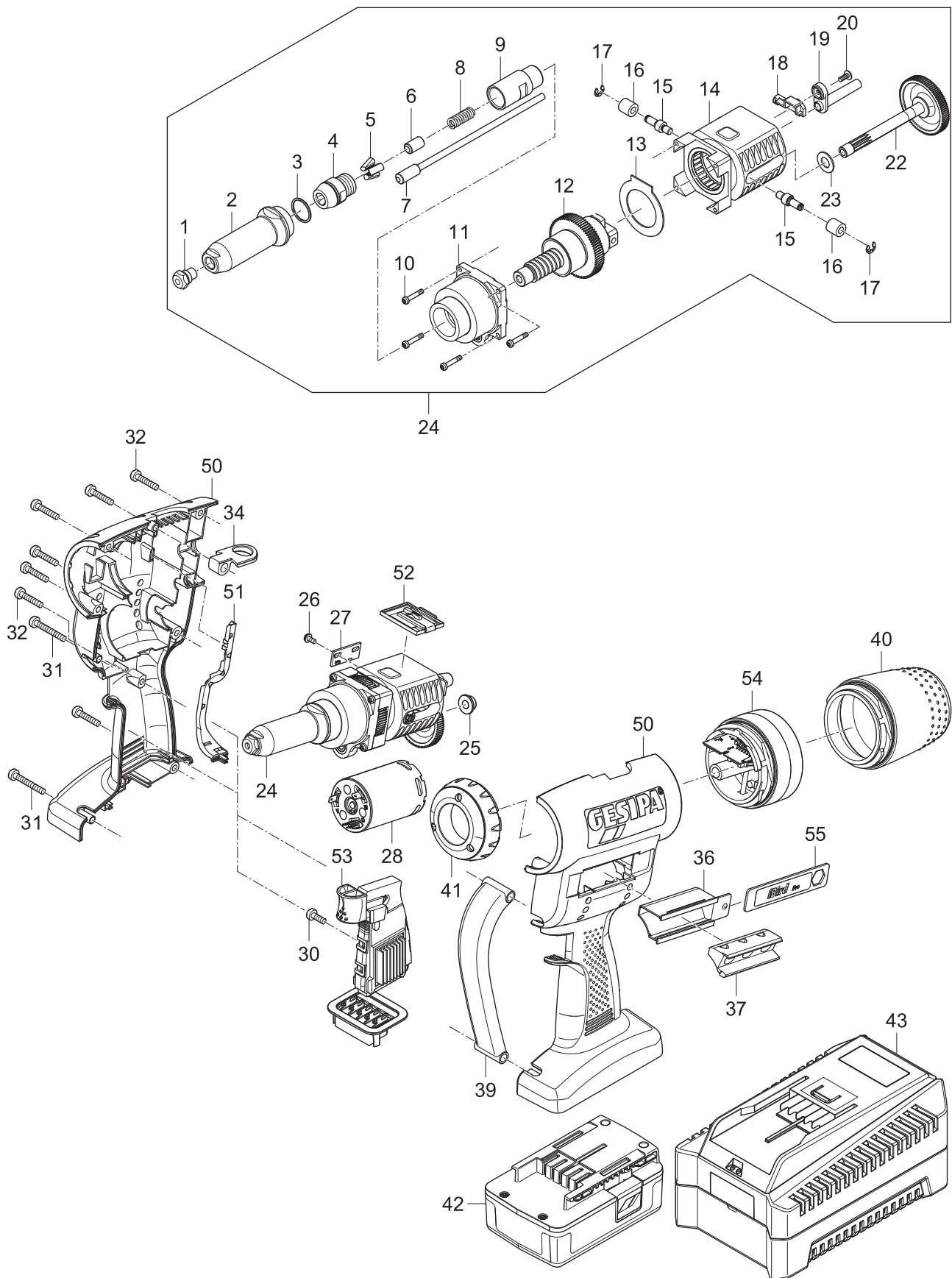
• Wearing parts

You will find detailed nosepiece allocation tables on page 136.



BATTERY POWERED BLIND RIVET SETTING TOOLS

iBird® Pro



BATTERY POWERED BLIND RIVET SETTING TOOLS

iBird® Pro

	No.	
1 •	143 4975	Nosepiece 17/32
	143 4977	Nosepiece 17/36
	143 4999	Nosepiece 17/40
	143 4860	Nosepiece 17/45
2	143 6003	Steel head sleeve
3 •	144 6012	O-ring
4 •	143 5392	Jaw housing
5 •	143 5568	Jaws (3-part)
6 •	143 5384	Jaw Pusher (> Ø 5)
7 •	143 5448	Jaw Pusher (< Ø 5)
8 •	143 5412	Spring
9	152 0557	Adapter
10	144 5768	Screw
11	143 5398	Bearing, complete
12	143 5406	Ball screw drive
13	143 4962	Washer
14	143 5397	Bearing cage
15	143 5385	Pin
16	143 4970	Sintered metal roller
17	144 5790	Lock washer
18	145 0817	Magnetic holder
19 •	143 5393	Channel tube
20	144 5990	Screw
21 •	143 4874	Tube
22	143 5442	Pinion shaft
	143 5395	Pinion shaft Pro Gold Edition
23	143 4967	Washer

	No.	
24	143 2608	Drive unit Pro complete
	145 7643	Drive unit Pro GE complete
25	144 5763	Sintered-metal bushing
26	144 5989	Screw
27	143 5408	Plate
28	146 3584	Motor complete Pro
	145 7645	Motor complete Pro Gold Edition
30	144 5773	Screw, short
31	144 5987	Screw
32	144 5772	Screw, long
34	143 5416	Hanger Pro
	144 5746	Hanger Pro Gold Edition
36	143 5016	Nosepiece magazine
37	143 4978	Magazine insert
39	143 5399	Tool bar
40	143 5396	Spent mandrel container, complete
41	145 7644	Light, complete
42 •	145 7641	Battery
43	145 7642	Battery charger (EU)
	145 7649	Battery charger (USA)
50	156 7795	Housing, complete
51	156 7794	Cable duct
52	156 7799	NFC module
54*	-	iBird® electronic complete
55	155 6819	Key iBird® Pro complete

• Wearing parts

* exchange only by GESIPA®

You will find detailed nosepiece allocation tables on page 136.

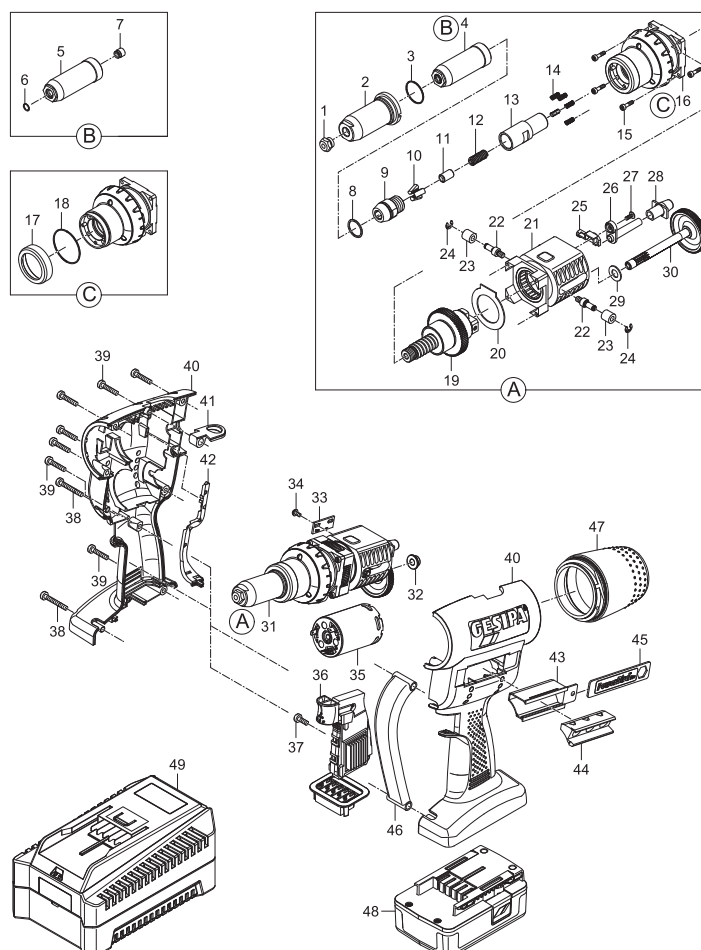
BATTERY POWERED BLIND RIVET SETTING TOOLS

Bird Pro series with spring-loaded trigger system

	No.		
1 •	143 5592	AccuBird® Pro	Nosepiece 17/24 AV
	143 5593		Nosepiece 17/27 AV
	143 5594		Nosepiece 17/29 AV
	143 5595	AccuBird® Pro, PowerBird® Pro, PowerBird® Pro GE	Nosepiece 17/32 AV
	143 5596	PowerBird® Pro, PowerBird® Pro GE	Nosepiece 17/36 AV
	143 5597		Nosepiece 17/40 AV
	143 5598		Nosepiece 17/45 AV
2	143 5421		Steel head sleeve
3	143 4253		O-ring
4	145 0825	AccuBird® Pro	Support sleeve
	145 0826	PowerBird® Pro, PowerBird® Pro GE	Support sleeve
5	144 6010		Snap ring
6	143 5422		Support sleeve
7	143 5600	AccuBird® Pro	Nosepiece
	143 5601	PowerBird® Pro, PowerBird® Pro GE	Nosepiece
8 •	144 6012		O-ring
9 •	143 5392		Jaw housing
10 •	143 5568		Jaws (3-part)
11 •	143 5384	PowerBird® Pro, PowerBird® Pro GE	Jaw Pusher
	143 5448	AccuBird® Pro	Jaw Pusher
12	143 5412		Spring
13	157 3351		Adapter AV
14 •	144 5994		Spring
15	144 5768		Screw
16	156 0799		Pressing unit
17	143 5423		Union nut
18	144 6053		O-ring
19	143 5406		Ball screw drive
20	143 4962		Washer
21	143 5397		Bearing cage
22	143 5385		Pin
23	143 4970		Sintered metal roller
24	144 5790		Lock washer
25	145 0817		Magnetic holder
26	143 5393		Channel tube
27	144 5990		Screw
28	143 4874		Tube
29	143 4967		Washer

	No.		
30	143 5395	PowerBird® Pro GE	Pinion shaf
	143 5449	AccuBird® Pro, Power-Bird® Pro	Pinion shaf
31	145 0829	PowerBird® Pro GE	Drive unit PowerBird® Pro GE AV max. Ø 4,5 mm
	151 9075	PowerBird® Pro	Drive unit PowerBird® Pro GE AV max. Ø 4,5 mm
	151 9074	AccuBird® Pro	Drive unit AccuBird® Pro AV max. Ø 3,2 mm
32	144 5763		Sintered-metal bushing
33	143 5408		Plate
34	144 5989		Screw
35	145 7645	PowerBird® Pro GE	Motor complete
	146 3584	PowerBird® Pro	Motor complete
	145 0857	AccuBird® Pro	Motor complete
36	146 3926	PowerBird® Pro GE	Control
	150 1672	PowerBird® Pro	Control
	150 1673	AccuBird® Pro	Control
37	144 5773		Screw short
38	144 5987		Screw
39	144 5772		Screw long
40	143 5401		Housing, complete
41	144 5746	PowerBird® Pro GE	Hanger
	143 5416	PowerBird® Pro	Hanger
	143 5017	AccuBird®	Hanger
42	143 5403		Cable duct
43	143 5016		Nosepiece magazine
44	143 4978		Magazine insert
45	145 7646	PowerBird® Pro	Key complete
	145 0858	AccuBird® Pro	Key complete
46	143 5399		Tool bar
47	143 5396		Spent mandrel container, complete
48 •	145 7641		Battery
	145 7642		Battery charger (EU)
49	145 7649		Battery charger (EU)

• Wearing parts



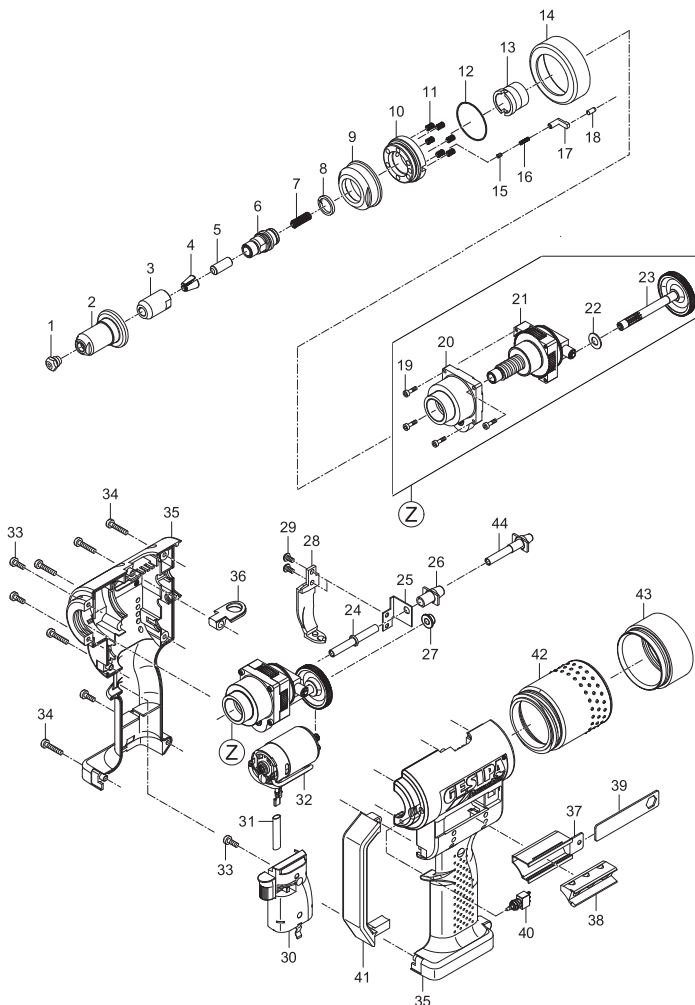
BATTERY POWERED BLIND RIVET SETTING TOOLS

Bird series with spring-loaded trigger system

	No.		
1 •	143 4955	AccuBird®	Nosepiece 17/24
	143 4973		Nosepiece 17/27
	143 4974		Nosepiece 17/29
	143 4975	PowerBird®, PowerBird® GE	Nosepiece 17/32
	143 4977		Nosepiece 17/36
	143 4999		Nosepiece 17/40
	143 4860		Nosepiece 17/45
2	143 4889		Steel head sleeve
3 •	143 4129		Jaw housing
4 •	143 4958	AccuBird®	Jaws (3-part)
	143 4104	PowerBird®, PowerBird® GE	Jaws (3-part)
5 •	143 4959	AccuBird®	Jaw pusher
	143 4861	PowerBird®, PowerBird® GE	Jaw pusher
6	143 4957	AccuBird®	Adapter
	143 4864	PowerBird®, PowerBird® GE	Adapter
7 •	144 5314	AccuBird®	Compression spring
	144 5753	PowerBird®, PowerBird® GE	Compression spring
8	143 4966		Wiper
9	143 4888		Union nut
10	143 4886		Adapter
11	144 5269		Spring

	No.		
12	143 5529		O-ring
13	143 4885		Bushing
14	143 4890		Cover
15	144 5755		Stud bolt
16	144 5751		Spring
17	143 4887		Trigger
18	144 5328		Cylinder pin
19	144 5768		Allen screw
20	143 5027		Bearing, complete
21	145 7363	AccuBird®	Ball screw drive
	143 4867	PowerBird®, PowerBird® GE	Ball screw drive
22	143 4967		Stop disc
23	143 5028		Pinion shaft
24	143 4871	PowerBird®, PowerBird® GE	PB tube
25	143 4873		Angle
26	143 4874		PB tube short
27	144 5763		Sintered-metal bushing
28	143 5031		Magnetic holder
29	144 5769		Magnetic holder
30	143 4892		E control
31	144 5774		Hose complete
32 •	143 5030	AccuBird®	Motor, complete
	143 4862	PowerBird®, PowerBird® GE	Motor, complete
33	144 5773		Housing screw short
34	144 5772		Housing screw long
35	143 4917	AccuBird®	Housing, complete
	143 4891	PowerBird®, PowerBird® GE	Housing, complete
36	143 5017	AccuBird®	Hanger
	143 5417	PowerBird®	Hanger
	144 5746	PowerBird® GE	Hanger
37	143 5016		Nosepiece magazine
38	143 4978		Magazine insert
39	144 5760		Key
40	144 5752		Button
41	143 4953		Hoop guard
42	143 5032	AccuBird®, PowerBird®	Spent mandrel container, complete
	143 4851	PowerBird® GE	Spent mandrel container, complete
43	143 5034		Extension
44	143 4952	AccuBird®	Plastic tube
	146 2907		Safety lubrication grease 40 g tube
	143 4815		Pipe wrench

• Wearing parts

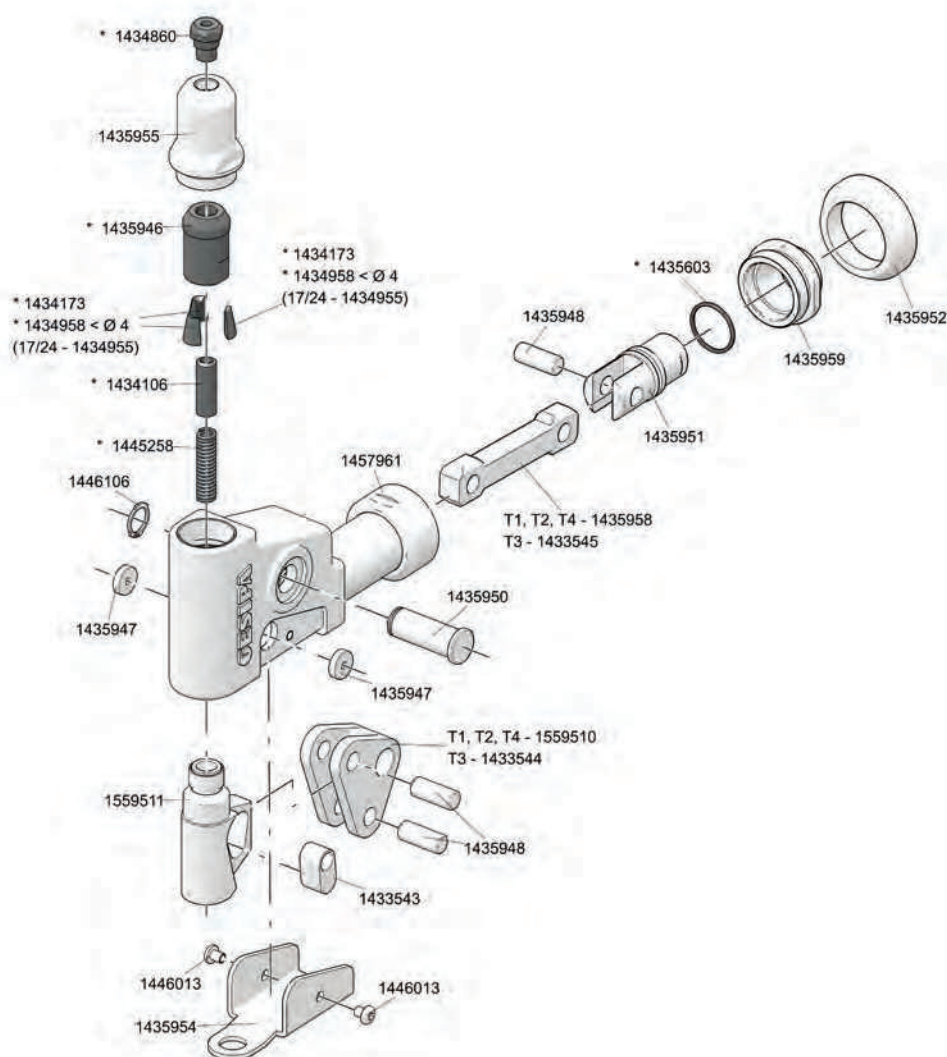


BATTERY POWERED BLIND RIVET SETTING TOOLS

AccuBird® and PowerBird® angle head 90°

No.	
143 3543	Coupler
143 3544	Angle
143 3545	Guide train
143 4106	Jaw Pusher
143 4173	Jaws (3-part)
143 4860	Nosepiece 17/45
143 4958	Jaws (3-part) < Ø4
143 5603	O-ring
143 5946	Jaw housing
143 5947	Spacer
143 5948	Bolt
143 5950	Axis bolt
143 5951	Fork head

No.	
143 5952	ring
143 5954	Protecting cap
143 5955	Steel head sleeve
143 5958	Guide train
143 5959	Adapter
144 5258	Compression spring
144 6013	Oil screw plug
144 6106	Snap ring
145 7961	Housing unit
155 9510	Angle
155 9511	Lock activator



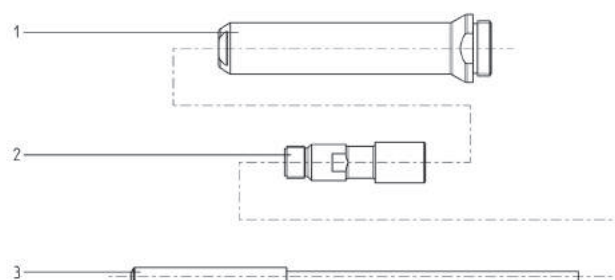
* Wearing parts

One-piece extension units

Extension unit for AccuBird®

50 mm: Article no. 145 7273
 100 mm: Article no. 145 7274
 150 mm: Article no. 145 0622

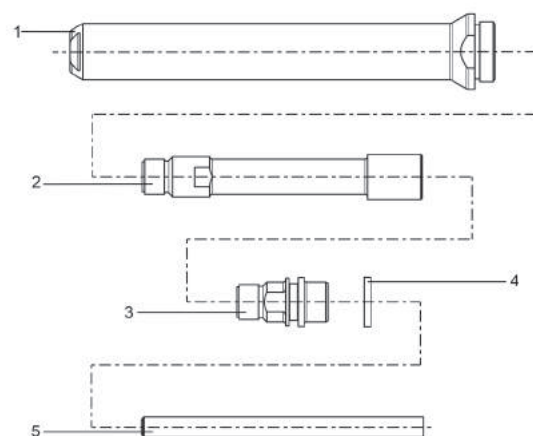
		No.	
50 mm	1	143 4836	Steel head sleeve
	2	143 4837	Extension piece
	3	143 4903	Jaw pusher
100 mm	1	143 4839	Steel head sleeve
	2	143 4840	Extension piece
	3	143 4996	Jaw pusher
150 mm	1	143 4841	Steel head sleeve
	2	143 4842	Extension piece
	3	143 4905	Jaw pusher



Extension unit for PowerBird®

50 mm: Article no. 145 7214
 100 mm: Article no. 145 7215
 150 mm: Article no. 146 4038

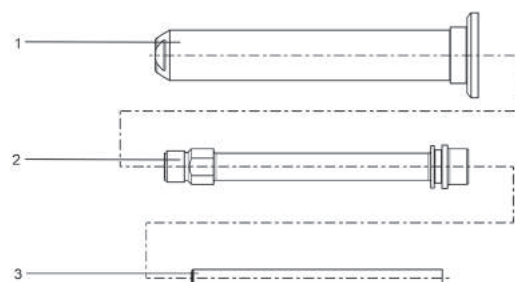
		No.	
50 mm	1	143 4836	Steel head sleeve
	2	143 4837	Extension piece
	3	143 4957	Adapter
	4	143 4966	Wiper
	5	143 4838	Jaw pusher
100 mm	1	143 4839	Steel head sleeve
	2	143 4840	Extension piece
	3	143 4957	Adapter
	4	143 4966	Wiper
	5	143 4870	Jaw pusher
150 mm	1	143 4841	Steel head sleeve
	2	143 4842	Extension piece
	3	143 4957	Adapter
	4	143 4966	Wiper
	5	143 4843	Jaw pusher



Extension unit for PowerBird® spring loaded trigger system

50 mm: Article no. 145 7222
 100 mm: Article no. 145 7224

		No.	
50 mm	1	143 4832	Steel head sleeve
	2	143 4833	Extension piece
	3	143 4834	Jaw pusher
100 mm	1	143 4849	Steel head sleeve
	2	143 4850	Extension piece
	3	143 4870	Jaw pusher

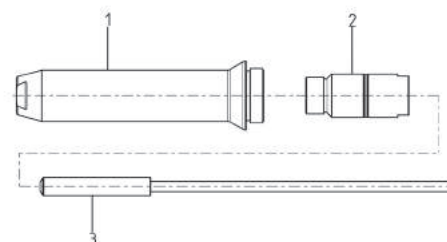


One-piece extension units

Extension unit for AccuBird® Pro

+35 mm: **Article no. 145 0860**
+85 mm: **Article no. 145 0861**
+135 mm: **Article no. 145 0862**

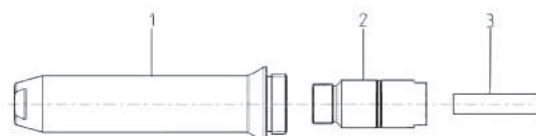
		No.	
+35 mm	1	143 5473	Extension sleeve
	2	145 0832	Extension piece
	3	143 5427	Jaw pusher
+85 mm	1	143 5476	Extension sleeve
	2	145 0833	Extension piece
	3	143 5428	Jaw pusher
+135 mm	1	143 5487	Extension sleeve
	2	145 0834	Extension piece
	3	143 5429	Jaw pusher



Extension unit for PowerBird® Pro Gold Edition

+35 mm: **Article no. 145 7650**
+85 mm: **Article no. 145 7651**
+135 mm: **Article no. 145 0823**

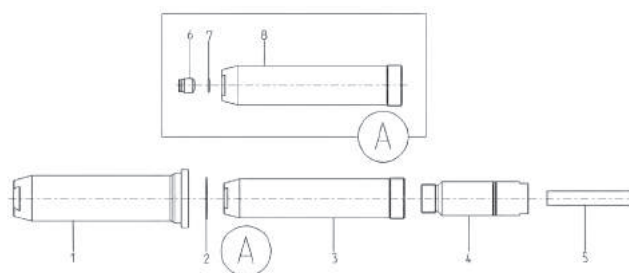
		No.	
+35 mm	1	143 5473	Extension sleeve
	2	145 0832	Jaw pusher
	3	143 5881	Extension piece
+85 mm	1	143 5476	Extension sleeve
	2	145 0833	Jaw pusher
	3	143 5882	Extension piece
+135 mm	1	143 5487	Extension sleeve
	2	145 0834	Jaw pusher
	3	143 5879	Extension piece



Extension unit for PowerBird® Pro Gold Edition spring loaded trigger system

+50 mm: **Article no. 145 0821**
+100 mm: **Article no. 145 0822**

		No.	
+50 mm	1	143 5433	Steel head sleeve AV
	2	143 4253	O-ring
	3	145 0830	Support sleeve AV complete
	4	145 0835	Extension piece
	5	143 5902	Intermediate bush 1
	6	143 5601	Nosepiece
	7	144 6010	Snap ring
	8	143 5431	Support sleeve AV
+100 mm	1	143 5434	Steel head sleeve AV
	2	143 4253	O-ring
	3	145 0831	Support sleeve AV complete
	4	145 0836	Extension piece
	5	143 5903	Intermediate bush 1
	6	143 5601	Nosepiece
	7	144 6010	Snap ring
	8	143 5432	Support sleeve AV



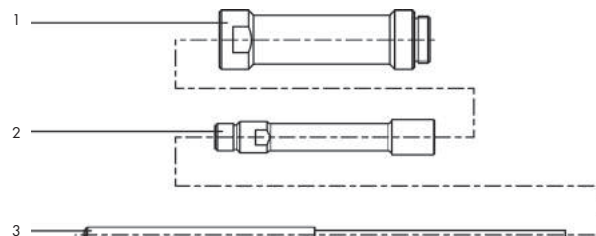
Multi-piece extension units

arbitrary extension of the tool head in 100 mm steps

AccuBird® extension unit 100 mm

Article no. 145 7318

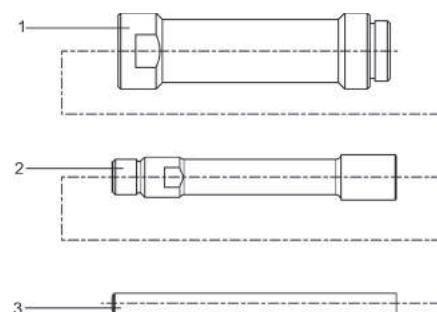
	No.	
1	143 4995	Extension sleeve
2	143 4165	Extension piece
3	143 4996	Jaw pusher



PowerBird® extension unit 100 mm

Article no. 145 7229

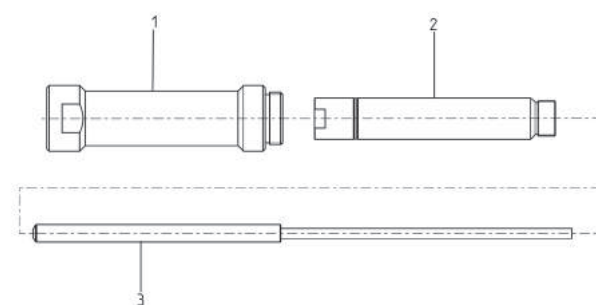
	No.	
1	143 4995	Extension sleeve
2	143 4165	Extension piece
3	143 4870	Jaw pusher



AccuBird® Pro extension unit 100 mm

Article no. 145 0859

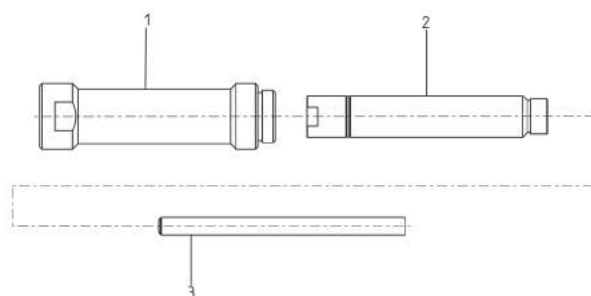
	No.	
1	143 4995	Extension sleeve
2	162 3993	Adapter
3	143 5430	Jaw pusher



PowerBird® Pro Gold Edition extension unit 100 mm

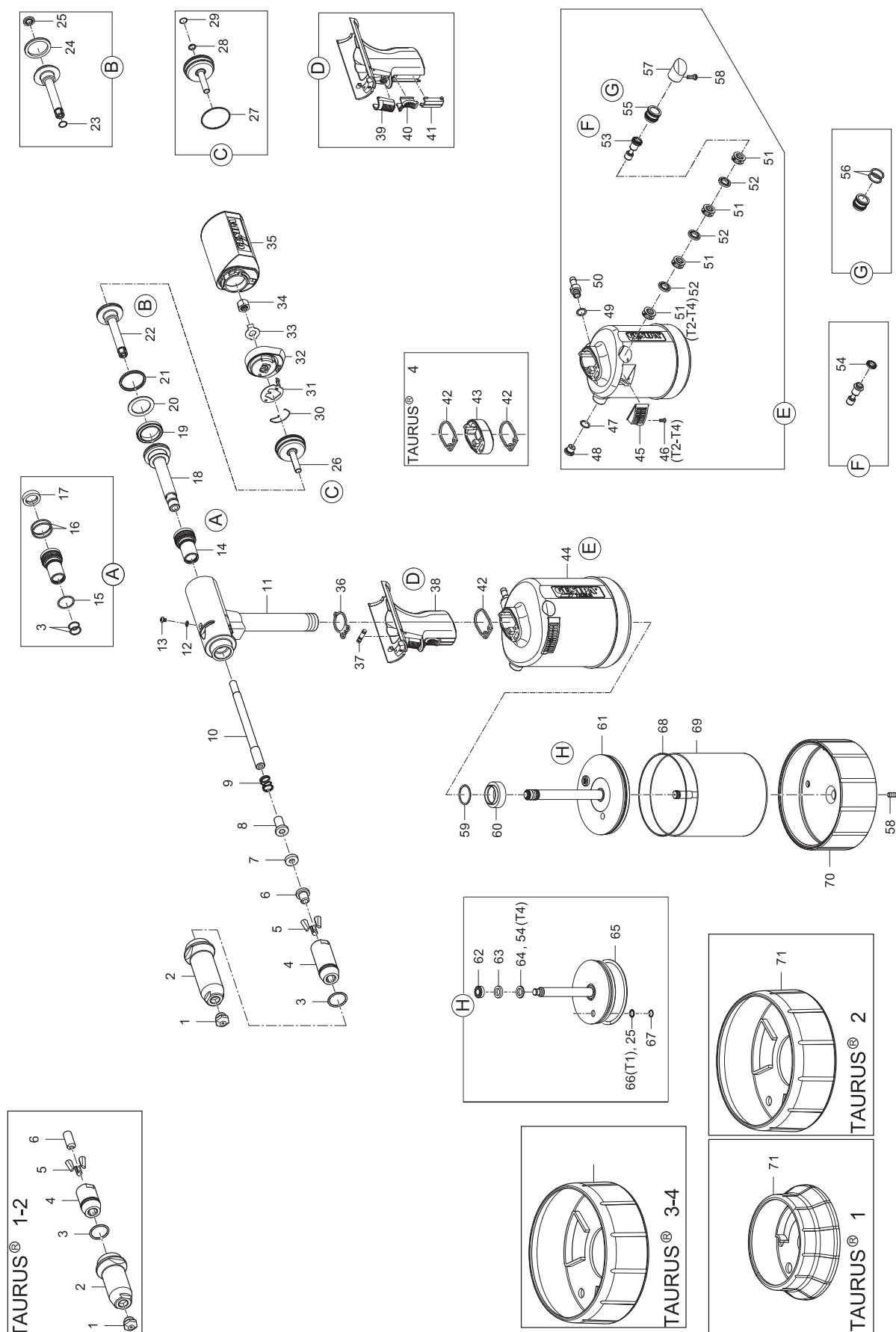
Article no. 145 0820

	No.	
1	143 4995	Extension sleeve
2	162 3993	Adapter
3	143 4870	Jaw pusher



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1-4



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1-4

		No.	
1 •	T1	143 4976	Nosepiece 17/18
		143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
	T2	143 4955	Nosepiece 17/24
		143 4973	Nosepiece 17/27
		143 4974	Nosepiece 17/29
		143 4975	Nosepiece 17/32
	T3, T4	143 4977	Nosepiece 17/36
		143 4999	Nosepiece 17/40
		143 4860	Nosepiece 17/45
2		143 6003	Steel head sleeve
3 •		144 6012	O-ring
4 •		143 6002	Jaw housing 4
5 •		143 5568	Jaws (3-part)
6 •	T1	143 5507	Jaw pusher 1
	T2	143 5768	Jaw pusher 2
	T3, T4	143 6000	Jaw pusher 4
7		143 5999	Damping ring 4
8	T1	143 5509	Centre part 1
	T2	143 5769	Centre part 2
	T3, T4	143 6001	Centre part 3
9		146 3064	Spring
10	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, longe
	T3, T4	143 5886	Nozzle tube 3, longe
11	T1	145 7745	Tool head 1, assembled
	T2, T3	145 7856	Tool head 2, assembled
	T4	145 7992	Tool head 4, assembled
12		144 6013	Oil screw plug
13		143 5612	Sealing ring M4
14		143 5681	Seal holder, complete
15		143 5629	O-ring
16		143 4227	O-ring
17		143 5630	Rod seal
18		143 5631	Draw bar
19		143 5632	Piston seal
20		143 5488	Supporting ring
21		143 5485	Piston seal
22		145 7746	Resetting piston, complete
23		143 5671	O-ring
24		143 5633	Piston seal
25		143 5635	Rod seal
26	T1	165 1223	End cap
	T2, T3, T4	145 7840	End cap
27		143 5524	O-ring
28		143 5519	O-ring
29		144 6167	Snap ring
30		144 6028	Retaining spring
31		143 5664	Retainer
32		143 5663	Adapter
33		143 5842	Lock washer
34	T1	143 5849	Connecting piece nut 1
	T2, T3, T4	143 5766	Connecting piece nut 2/3
35	T1, T2	143 5677	Spent mandrel container, complete
	T3, T4	143 5964	Spent mandrel container, complete
36		143 5472	Flat gasket 1
37		145 7747	Distributing valve, complete
38		145 7748	Grip, complete
39		144 6025	Activation button
40		143 5642	Slider
41		143 5686	Orifice
42		143 5480	Flat gasket 2
43	T4	143 5998	Grip extension

		No.	
44	T1	145 7749	Air cylinder 1, complete
	T2	145 7859	Air cylinder 2, complete
	T3	145 7950	Air cylinder 3, complete
	T4	145 7993	Air cylinder 4, complete
45	T2	145 7862	Silencer complete
46	T3, T4	145 7956	Silencer complete
47		144 6089	Screw
48		143 5484	O-ring
49		145 7750	Pressure relief valve, complete
50		144 6030	Sealing ring
51		143 5667	Connecting nipple
52		143 5648	Spacer cage
53		143 5647	Rod seal
54		145 7694	Control piston
55		143 5675	Piston seal
56		143 7693	Piston housing
57		143 5688	O-ring
58	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
	T3, T4	144 6100	Stopper 3
59		144 5773	Housing screw short
60		143 5486	O-ring
61		143 5492	Al nut
62	T1	145 7751	Air piston 1, complete
	T2	145 7860	Air piston 2, complete
	T3	145 7952	Air piston 3, complete
	T4	145 7994	Air piston 4, complete
63	T1	143 5658	Piston seal
	T2, T3	143 5841	Piston seal
	T4	143 6007	Piston seal
64	T1	143 5657	Guide ring 1
	T2, T3	143 5825	Guide ring 2
	T4	143 6006	Guide ring 4
65	T1	143 5656	Piston seal
	T2, T3	143 5670	Piston seal
66	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
67	T1	143 5659	Rod seal
68	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	V-profile ring
69	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
70	T1	145 7752	Cylinder 1, complete
	T2	145 7861	Cylinder 2, complete
	T3	145 7953	Cylinder 3, complete
	T4	145 7995	Cylinder 4, complete
71	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
72	T1	143 6394	Rubber foot 1
73	T2	143 6371	Rubber foot 2
74	T3, T4	143 5900	Rubber foot 3 - 4
	T2, T3	145 7863	Jaw pusher changeover set
	T1	145 7700	Changeover set
	T2, T3, T4	145 7703	Changeover set
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

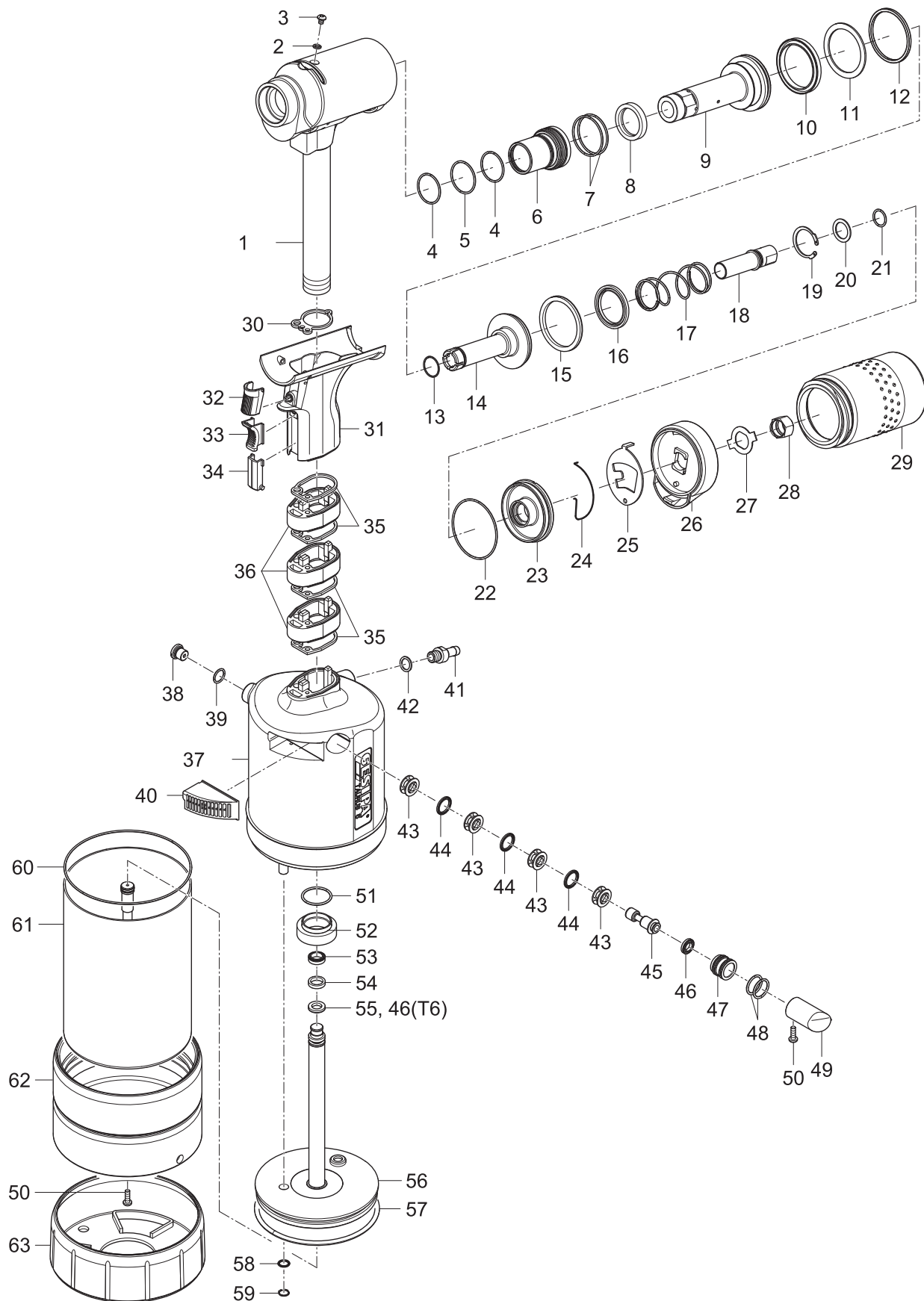
* Up to and including tools manufactured in September 2015.

You will find detailed nosepiece allocation tables on page 136.

You will find spare part kits for TAURUS® 1-4 on page 343.

HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 5-6



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 5-6

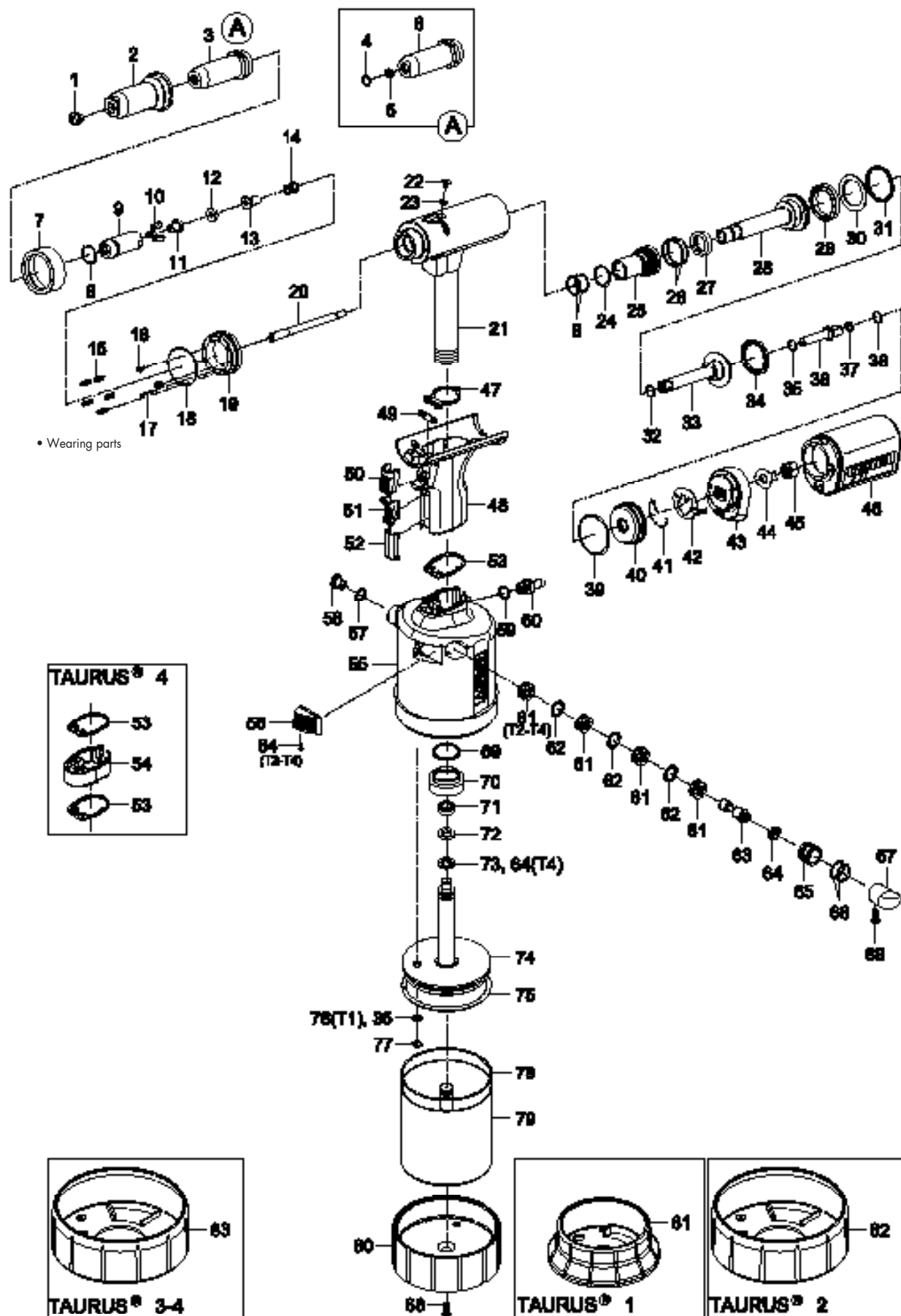
		No.	
1	T5	145 8010	Tool head 5, assembled
	T6	145 8023	Tool head 6, assembled
2		143 5612	Sealing ring M4
3		144 6013	Oil screw plug
4		143 6044	O-ring
5 •		143 6045	O-ring
6		145 8011	Seal holder, complete
7 •		143 6047	O-ring
8 •		143 6048	Rod seal
9		143 6036	Draw bar
10 •		143 6049	Cylinder seal
11 •		143 6052	Supporting ring
12 •		143 6051	Piston seal
13		143 6046	O-ring
14		145 8012	Resetting piston, complete
15		143 6050	Lip ring
16 •		143 6053	Rod seal
17		144 6123	Spring
18		143 6030	Connecting piece
19		144 6124	V-profile ring
20		144 6125	Washer
21		143 6042	O-ring
22		143 6043	O-ring
23		143 6034	End cap
24		144 6122	Retaining spring
25		143 6026	Retainer
26		143 6028	Adapter
27		143 6025	Lock washer
28		143 6029	Connecting piece nut
29		143 6058	Spent mandrel container, complete
30 •		143 5472	Flat gasket 1
31		145 7748	Grip, complete
32		144 6025	Activation button
33		143 5642	Slider
34		143 5686	Orifice
35 •		143 5480	Flat gasket 2
36		143 5998	Grip extension

		No.	
37	T5	145 8013	Air cylinder 5, complete
	T6	146 4043	Air cylinder 6, complete
38		145 7750	Pressure relief valve, complete
39		143 5484	O-ring
40		145 7956	Silencer 3, complete
41		144 6030	Seal
42		143 5667	Connecting nipple
43		143 5648	Spacer cage
44		143 5647	Rod seal
45		143 5651	Control piston
46 •		143 5675	Piston seal
47		143 5652	Piston housing
48		143 5688	O-ring
49		144 5773	Housing screw, short
50		144 6100	Stopper 3
51		143 5486	O-ring
52		143 5492	Al nut
53 •	T5	143 6056	Cylinder seal
	T6	143 6007	Piston seal
54 •	T5	143 6040	Guide ring 5
	T6	143 6006	Guide ring 4
55 •	T5	143 6055	Lip ring
56	T5	145 8015	Air piston 5, complete
	T6	145 8024	Air piston 6, complete
57 •		143 5937	O-ring
58		143 5635	Rod seal
59		144 6082	V-profile ring
60		143 5927	O-ring
61	T5	145 8014	Cylinder 5, complete
	T6	146 4044	Cylinder 6, complete
62		143 6027	Al bottom
63		143 5900	Rubber foot
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1-4 AV



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1-4 AV

		No.	
1 •	T1	143 5591	Nosepiece 17/18 AV
		143 4990	Nosepiece 17/20 AV
		143 4991	Nosepiece 17/22 AV
	T2	143 5592	Nosepiece 17/24 AV
		143 5593	Nosepiece 17/27 AV
		143 5594	Nosepiece 17/29 AV
		143 5595	Nosepiece 17/32 AV
	T3, T4	143 5596	Nosepiece 17/36 AV
		143 5597	Nosepiece 17/40 AV
		143 5598	Nosepiece 17/45 AV
2		143 5466	Steel head sleeve
3	T1	145 0887	Support sleeve AV complete
	T2	145 0943	Support sleeve AV complete
	T3, T4	145 0978	Support sleeve AV complete
4 •		144 6010	Snap ring
5 •	T1	143 5599	Nosepiece Ø 2,5
	T2	143 5600	Nosepiece Ø 3,2
	T3, T4	143 5601	Nosepiece Ø 4,5
6		143 5467	Support sleeve AV
7		143 5499	Union nut
8		144 6012	O-ring
9		143 6002	Jaw housing 4
10 •		143 5568	Jaws (3-part)
11 •	T1	143 5507	Jaw Pusher 1
	T2	143 5768	Jaw Pusher 2
	T3, T4	143 6000	Jaw Pusher 4
12		143 5999	Damping ring 4
13	T1	143 5509	Centre part 1
	T2	143 5769	Centre part 2
	T3, T4	143 6001	Centre part 4
14 •		146 3064	Spring
15 •		144 5994	Spring
16		144 5995	Allen screw
17		152 4521	Stamp
18		143 5529	O-ring
19		143 5498	Casing
20	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, long
	T3, T4	143 5886	Nozzle tube 3, long
21	T1	145 7696	Tool head, assembled
	T2, T3	145 7842	Tool head, assembled
	T4	145 7996	Tool head, assembled
22		144 6013	Oil screw plug
23		143 5612	Sealing ring M4
24		143 5629	O-ring
25		143 5681	Seal holder, complete
26		143 4227	O-ring
27		143 5630	Rod seal
28		143 5631	Draw bar
29		143 5632	Piston seal
30		143 5488	Stützring
31		143 5485	Piston seal
32		143 5671	O-ring
33		145 7746	Resetting piston, complete
34		143 5633	Piston seal
35		143 5635	Rod seal
36	T1	143 5852	Connecting piece 1
	T2, T3, T4	143 5765	Connecting piece 2/3
37		143 5519	O-ring
38		144 6167	Snap ring
39		143 5524	O-ring
40		143 5532	End cap
41		144 6028	Retaining spring
42		143 5664	Retainer
43		143 5663	Adapter
44		143 5842	Lock washer
45	T1	143 5849	Connecting piece nut 1
	T2, T3, T4	143 5766	Connecting piece nut 2/3

		No.	
46	T1, T2	143 5677	Spent mandrel container, complete
	T3, T4	143 5964	Spent mandrel container, complete
47		143 5472	Flat gasket 1
48		143 7695	Grip, complete
49		145 7747	Distributing valve
50		144 6025	Activation button
51		143 5642	Slider
52		143 5686	Orifice
53		143 5480	Flat gasket 2
54		143 5998	Grip extension
55	T1	145 7749	Air cylinder, complete
	T2	145 7859	Air cylinder, complete
	T3	145 7950	Air cylinder, complete
	T4	145 7993	Air cylinder, complete
56	T1	151 5051	Silencer complete
	T2	145 7862	Silencer complete
	T3, T4	145 7956	Silencer complete
57		145 7750	Pressure relief valve
58		143 5484	O-ring
59		143 5667	Connecting nipple
60		144 6030	Sealing ring
61		143 5648	Spacer cage
62		143 5647	Rod seal
63		143 5651	Control piston
64		143 5675	Piston seal
65		143 5652	Piston housing
66		143 5688	O-ring
67	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
	T3, T4	144 6100	Stopper 3
68		144 5773	Housing screw short
69		143 5486	O-ring
70		143 5492	Alu nut
71	T1	143 5658	Piston seal
	T2, T3	143 5841	Piston seal
	T4	143 6007	Piston seal
72	T1	143 5657	Guide ring
	T2, T3	143 5825	Guide ring
	T4	143 6006	Guide ring
73	T1	143 5656	Piston seal
	T2, T3	143 5670	Piston seal
74	T1	145 7751	Air piston complete
	T2	145 7860	Air piston complete
	T3	145 7952	Air piston complete
	T4	145 7994	Air piston complete
75	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
76	T1	143 5659	Rod seal
77	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	V-ring
78	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
79	T1	145 7752	Cylinder complete
	T2	145 7861	Cylinder complete
	T3	145 7953	Cylinder complete
	T4	145 7995	Cylinder complete
80	T1	143 5508	Bottom
	T2	143 5761	Bottom
	T3, T4	143 5874	Bottom
81	T1	143 6394	Rubber foot
82	T2	143 6371	Rubber foot
83	T3, T4	143 5900	Rubber foot
84		144 6089	Screw
		144 5294	Hydraulic oil refill bottle 100 ml

• Wearing parts

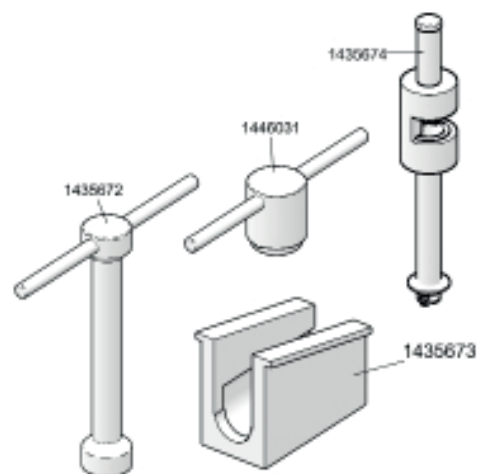
ACCESSORIES FOR TAURUS® BLIND RIVET SETTING TOOLS

Repair tools for TAURUS®

Part no. 145 7735

No.	
143 5672*	Allen key
143 5673	Clamp element for Taurus tool head
143 5674*	Assembly device
144 6031*	Slot wrench

*These tools are also suitable for FireFox® 1 F - 2



Changeover set spent mandrel container

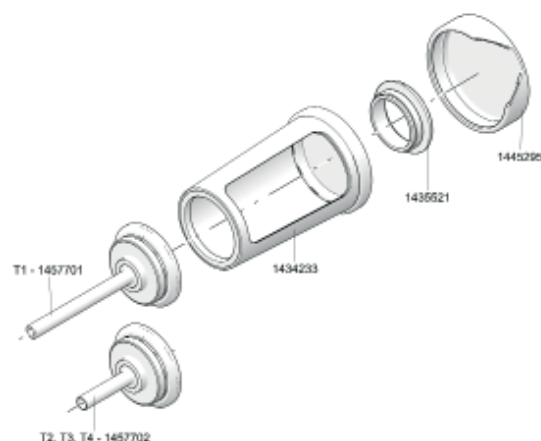
for TAURUS® 1:

Part no. 145 7700

for TAURUS® 2,3,4:

Part no. 145 7703

No.	
143 4233	Spent mandrel container
143 5521	Cover
144 5295	Air deflector
145 7701	End cap T 1, complete
145 7702	End cap T 2, 3 and 4, complete

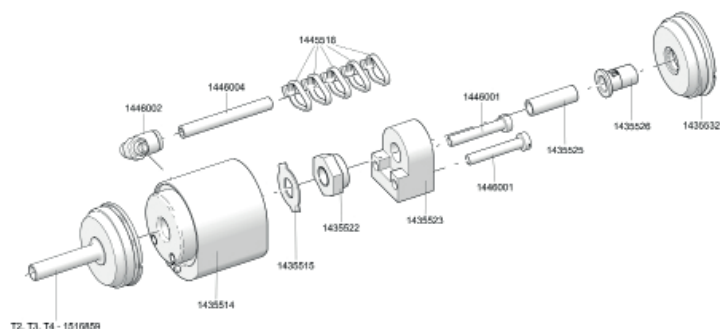


Rivet counter sensor changeover set for TAURUS® 1-4

for TAURUS® 1 Part no. 145 7698

for TAURUS® 2-4 Part no. 151 6858

	No.	
	143 5514	Housing
	143 5515	Locking washer
	143 5522	Nut
	143 5523	Ring sensor
	143 5525	Tube
	143 5526	Connecting piece
	143 5532	End cap
	144 5518	Cable tie
	144 6001	Allen screw
	144 6002	Screw connection
	144 6004	Hose
T2, T3, T4	151 6859	End cap



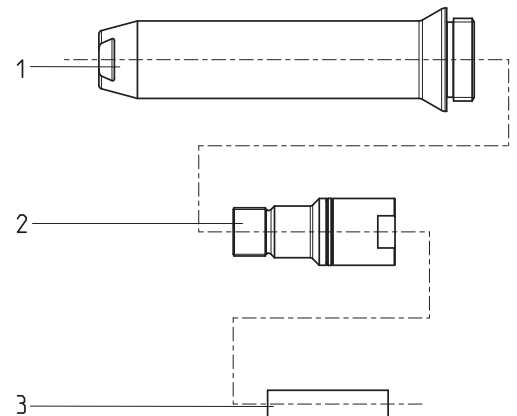
ACCESSORIES FOR TAURUS® BLIND RIVET SETTING TOOLS

One-piece extension units

Extension unit for TAURUS® 1- 4

for TAURUS® 1	+35 mm:	Part no.	146 4345
for TAURUS® 1	+85 mm:	Part no.	146 4346
for TAURUS® 1	+135 mm:	Part no.	146 4347
for TAURUS® 2	+35 mm:	Part no.	145 8042
for TAURUS® 2	+85 mm:	Part no.	146 4350
for TAURUS® 2	+135 mm:	Part no.	146 4351
for TAURUS® 2	+185 mm:	Part no.	146 4352
for TAURUS® 3 and 4	+35 mm:	Part no.	145 7932
for TAURUS® 3 and 4	+85 mm:	Part no.	145 7933
for TAURUS® 3 and 4	+135 mm:	Part no.	145 7937

			No.	
TAURUS® 1	+35 mm	1	143 5473	Steel head sleeve
		2	145 7938	Adapter
		3	146 4338	Jaw pusher
	+85 mm	1	143 5476	Steel head sleeve
		2	145 7939	Adapter
		3	146 4339	Jaw pusher
	+135 mm	1	143 5487	Steel head sleeve
		2	143 5890	Adapter
		3	143 5544	Jaw pusher
TAURUS® 2	+35 mm	1	143 5473	Steel head sleeve
		2	145 7938	Adapter
		3	143 6100	Jaw pusher
	+85 mm	1	143 5476	Steel head sleeve
		2	145 7939	Adapter
		3	143 5819	Jaw pusher
	+135 mm	1	143 5487	Steel head sleeve
		2	143 5890	Adapter
		3	143 5792	Jaw pusher
	+185 mm	1	143 5801	Steel head sleeve
		2	146 4343	Adapter
		3	146 4340	Jaw pusher
TAURUS® 3 - 4	+35 mm	1	143 5473	Steel head sleeve
		2	145 7938	Adapter
		3	143 5881	Jaw pusher
	+85 mm	1	143 5476	Steel head sleeve
		2	145 7939	Adapter
		3	143 5882	Jaw pusher
	+135 mm	1	143 5487	Steel head sleeve
		2	143 5890	Adapter
		3	143 5879	Jaw pusher



ACCESSORIES FOR TAURUS® BLIND RIVET SETTING TOOLS

One-piece extension units

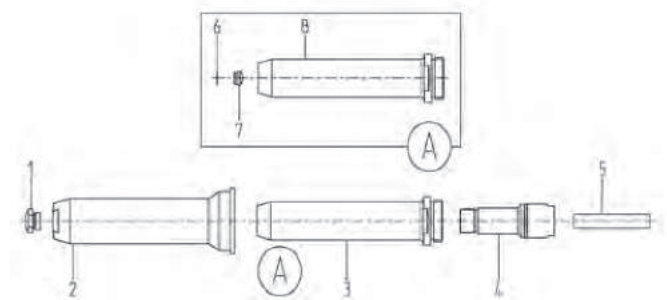
Extension unit for TAURUS® 1- 4 with spring-loaded trigger system

for TAURUS® 1	50 mm:	Part no.	145 0880
for TAURUS® 1	100 mm:	Part no.	145 7727
for TAURUS® 2	50 mm:	Part no.	145 7857
for TAURUS® 2	100 mm:	Part no.	145 7858
for TAURUS® 3 and 4	50 mm:	Part no.	145 7959
for TAURUS® 3 and 4	100 mm:	Part no.	145 7960

			No.	
TAURUS® 1	50 mm	1	143 5591	Nosepiece 17/18 AV
			143 4990	Nosepiece 17/20 AV
			143 4991	Nosepiece 17/22 AV
		2	143 5870	Steel head sleeve AV
		3	145 0888	Support sleeve AV, complete
		4	145 7737	Adapter, complete
		5	143 5553	Intermediate bush 1
		6	144 6010	Snap ring
		7 •	143 5599	Nosepiece
		8	143 5871	Support sleeve AV, complete
	100 mm	1	143 5591	Nosepiece 17/18 AV
			143 4990	Nosepiece 17/20 AV
			143 4991	Nosepiece 17/22 AV
		2	143 5872	Steel head sleeve AV
		3	145 0889	Support sleeve AV, complete
		4	145 7739	Adapter, complete
		5	143 5556	Intermediate bush 1
		6	144 6010	Snap ring
		7 •	143 5599	Nosepiece
		8	143 5873	Support sleeve AV, complete
TAURUS® 2	50 mm	1	143 5592	Nosepiece 17/24 AV
			143 5593	Nosepiece 17/27 AV
			143 5594	Nosepiece 17/29 AV
			143 5595	Nosepiece 17/32 AV
		2	143 5870	Steel head sleeve AV
		3	145 0944	Support sleeve AV, complete
		4	145 7737	Adapter, complete
		5	143 5798	Intermediate bush 2
		6	144 6010	Snap ring
		7 •	143 5600	Nosepiece
		8	143 5871	Support sleeve AV, complete
	100 mm	1	143 5592	Nosepiece 17/24 AV
			143 5593	Nosepiece 17/27 AV
			143 5594	Nosepiece 17/29 AV
			143 5595	Nosepiece 17/32 AV
		2	143 5872	Steel head sleeve AV
		3	145 0945	Support sleeve AV, complete
		4	145 7739	Adapter, complete
		5	143 5797	Intermediate bush 2
		6	144 6010	Snap ring
		7 •	143 5600	Nosepiece
		8	143 5873	Support sleeve AV, complete

			No.	
TAURUS® 3 - 4	50 mm	1	143 5596	Nosepiece 17/36 AV
			143 5597	Nosepiece 17/40 AV
			143 5598	Nosepiece 17/45 AV
		2	143 5870	Steel head sleeve AV
		3	145 0979	Support sleeve AV, complete
		4	145 7737	Adapter, complete
		5	143 5902	Intermediate bush 3/4
		6	144 6010	Snap ring
		7 •	143 5601	Nosepiece
		8	143 5871	Support sleeve AV, complete
	100 mm	1	143 5596	Nosepiece 17/36 AV
			143 5597	Nosepiece 17/40 AV
			143 5598	Nosepiece 17/45 AV
		2	143 5872	Steel head sleeve AV
		3	145 0980	Support sleeve AV, complete
		4	145 7739	Adapter, complete
		5	143 5903	Intermediate bush 3/4
		6	144 6010	Snap ring
		7 •	143 5601	Nosepiece
		8	143 5873	Support sleeve AV, complete

• Wearing parts



ACCESSORIES FOR TAURUS® BLIND RIVET SETTING TOOLS

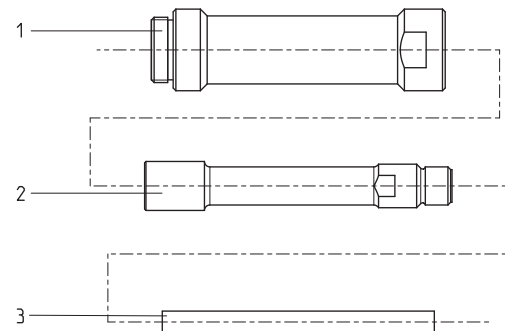
Multi-piece extension units

arbitrary extension of the tool head in 100 mm steps

Extension modules for TAURUS® 1- 4

for TAURUS® 1: Part no. 145 7743
for TAURUS® 2: Part no. 145 7848
for TAURUS® 3 and 4: Part no. 145 7947

		No.	
TAURUS® 1	1	143 4995	Extension sleeve
	2	143 4165	Extension piece
	3	143 5556	Intermediate bush
TAURUS® 2	1	143 4995	Extension sleeve
	2	143 4165	Extension piece
	3	143 5797	Intermediate bush
TAURUS® 3 - 4	1	143 4995	Extension sleeve
	2	143 4165	Extension piece
	3	143 5903	Intermediate bush



Heads for TAURUS® 5-6

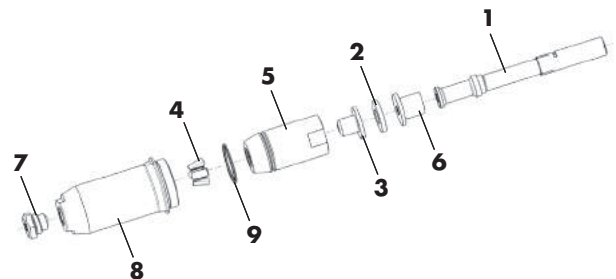
for 7.8mm (5/16") TIBULB structure rivet

Part no. 145 8008

	No.	
1	145 8016	Nozzle tube, complete
2	143 6064	Damping ring
3 •	143 6068	Jaw pusher
4 •	143 5568	Jaw**
5 •	143 6070	Jaw housing
6	143 6069	Centre part
7 •	143 6067	Nosepiece 18/53
8	143 6059	Steel head sleeve
9 •	143 6044	O-ring

• Wearing parts

** For changing the complete set you have to order 4 Jaws

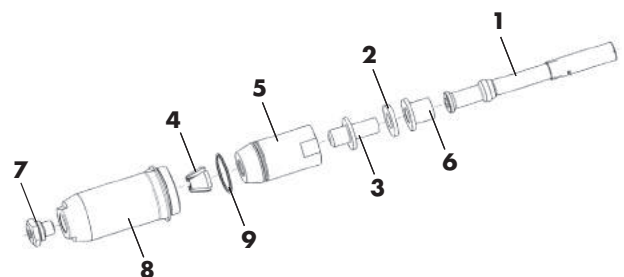


for 9.8mm (3/8") Magna-Lok® structure rivet

Artikel-Nr. 145 8009

	No.	
1	143 6065	Nozzle tube, complete
2	143 6064	Damping ring
3 •	143 6061	Jaw pusher
4 •	143 6066	Jaws, 3-part
5 •	143 6063	Jaw housing
6	143 6062	Centre part
7 •	143 6060	Nosepiece 18/63
8	143 6059	Steel head sleeve
9 •	143 6044	O-ring

• Wearing parts

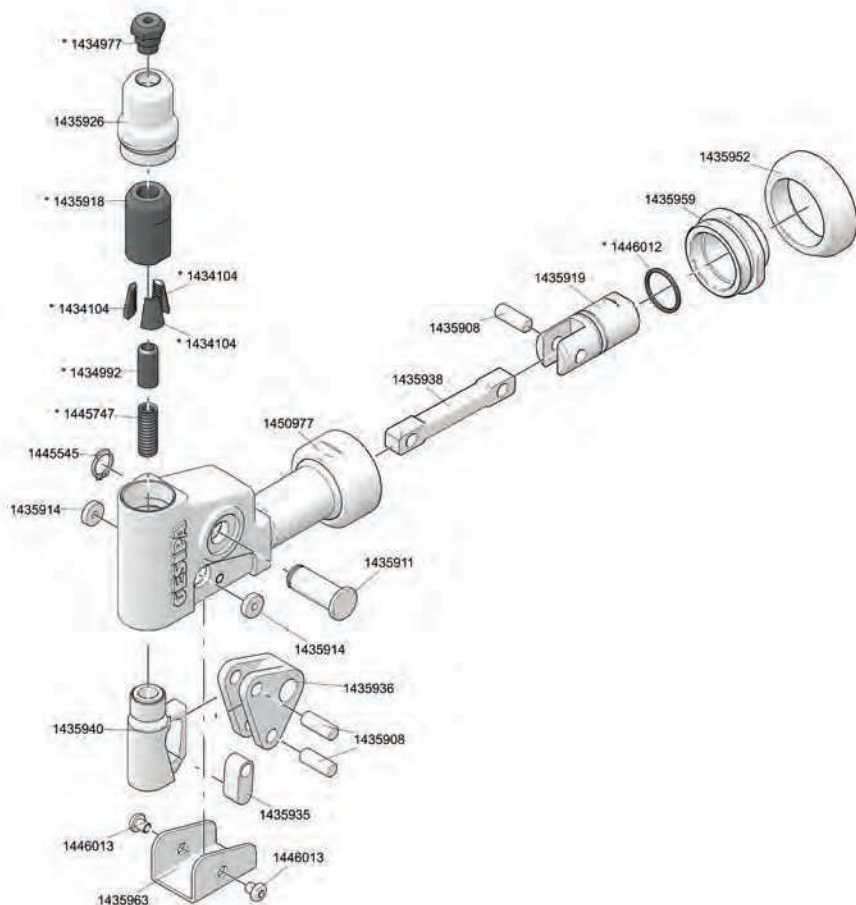


Angle heads for TAURUS® blind rivet setting tools

Angle head 90° compact for TAURUS® 1-2

Part no. 145 7921

No.	
143 4104	Jaws (3-part)
143 4977	Nosepiece 17/36
143 4992	Jaw Pusher
143 5908	Bolt
143 5911	Axis bolt
143 5914	Spacer
143 5918	Jaw housing
143 5919	Fork head
143 5926	Steel head sleeve
143 5935	Coupler
143 5936	Angle
143 5938	Lock activator
143 5940	Lock activator
143 5952	Ring
143 5959	Adapter
143 5963	Protecting cap
144 5545	Snap ring
144 5747	Spring
144 6012	O-ring
144 6013	Screw
145 0977	Housing

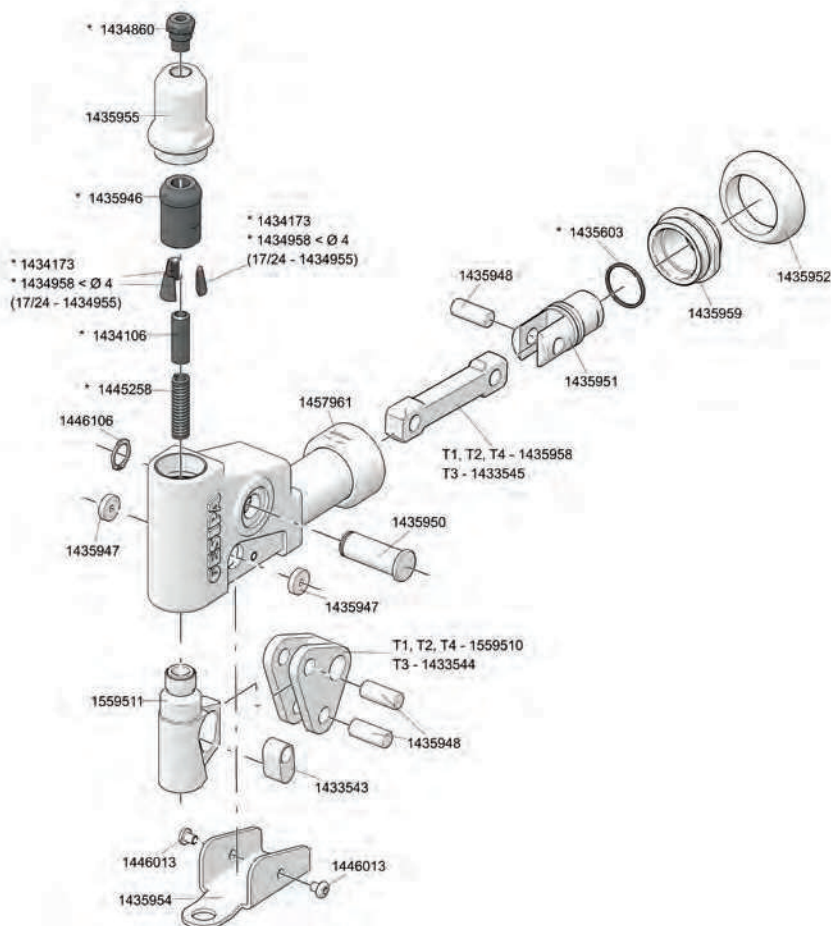


* Wearing parts

Angle heads for TAURUS® blind rivet setting tools

Angle head 90° compact for 1, 2, 4 & TAURUS® 3

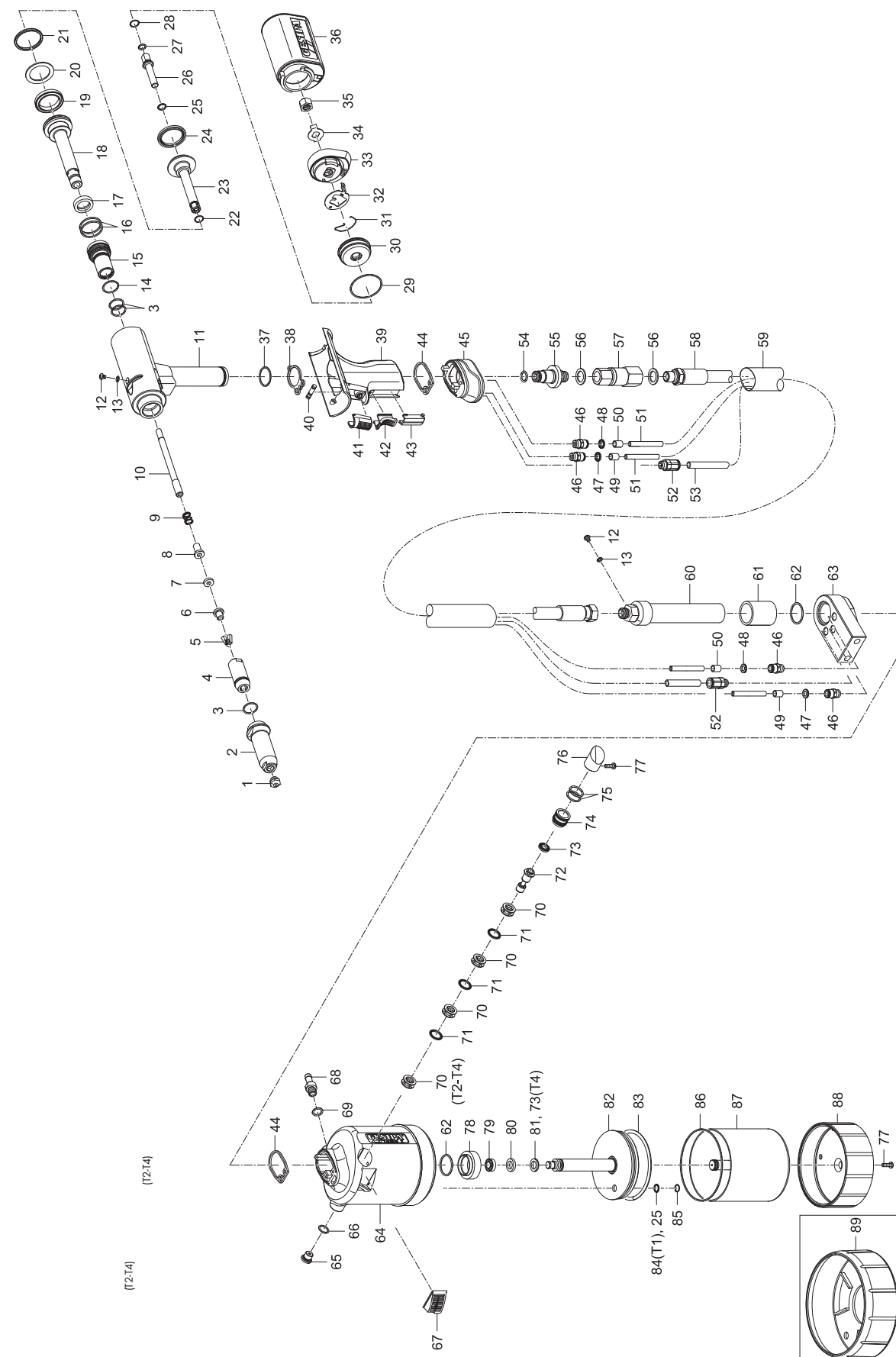
No.		
143 3543		Coupler
143 3544	T3	Angle
143 3545	T3	Lock activator
143 4106		Jaw Pusher
143 4173		Jaws (3-part)
143 4860		Nosepiece 17/45 for angle head
143 4958		Jaws (3-part) up to rivet Ø 4mm (Nosepiece 17/24)
143 5603		O-ring
143 5946		Jaw housing
143 5947		Spacer
143 5948		Bolt
143 5950		Axis bolt
143 5951		Fork head
143 5952		Ring
143 5954		Protecting cap
143 5955		Steel head sleeve
143 5958	T1, T2, T4	Lock activator
143 5959		Adapter
144 5258		Spring
144 6013		Screw
144 6106		Snap ring
145 7961		Housing
155 9510	T1, T2, T4	Angle
155 9511		Lock activator



* Wearing parts

HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAUREX 1-4



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAUREX 1-4

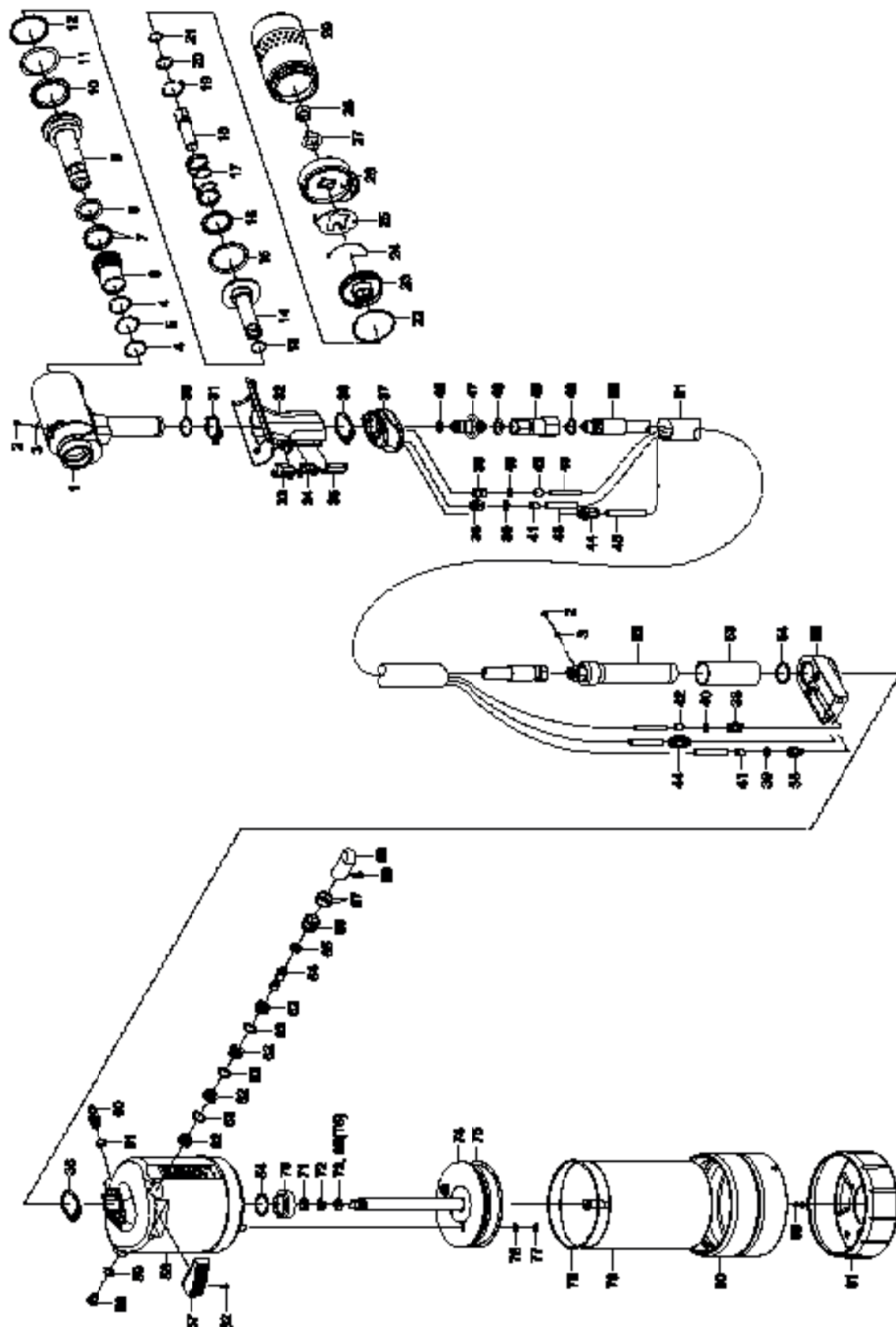
		No.	
1 •	T1	143 4976	Nosepiece 17/18
		143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
	T2	143 4955	Nosepiece 17/24
		143 4973	Nosepiece 17/27
		143 4974	Nosepiece 17/29
		143 4975	Nosepiece 17/32
		143 4977	Nosepiece 17/36
	T3, T4	143 4999	Nosepiece 17/40
		143 4860	Nosepiece 17/45
2		143 6003	Steel head sleeve 4
3 •		144 6012	O-ring
4 •		143 6002	Jaw housing 4
5 •		143 5568	Jaw
6 •	T1	143 5507	Jaw pusher AV1
	T2	143 5768	Jaw pusher AV2
	T3, T4	143 6000	Jaw pusher 4
7		143 5999	Damping ring 4
8	T1	143 5509	Centre part AV1
	T2	143 5769	Centre part AV2
	T3, T4	143 6001	Centre part 4
9		146 3064	Spring
10		145 8029	Tool head, assembled
11		143 5612	Sealing ring M4
12		144 6013	Oil screw plug
13 •		143 5681	Seal holder, complete
14		143 5629	O-ring
15 •		143 4227	O-ring
16 •		143 5630	Rod seal
17		143 5631	Draw bar
18 •		143 5488	Supporting ring
19 •		143 5485	Piston seal
20 •		143 5632	Piston seal
21	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, long
	T3, T4	143 5886	Nozzle tube 3, long
22		145 7746	Resetting piston, complete
23		143 5671	O-ring
24 •		143 5633	Piston seal
25		143 5635	Rod seal
26	T1	165 1223	End cap
	T2, T3, T4	145 7840	End cap
27		143 5524	O-ring
28		143 5519	O-ring
29		144 6167	Snap ring
30		144 6028	Retaining spring
31		143 5664	Retainer
32		143 5663	Adapter
33		143 5842	Lock washer
34	T1	143 5849	Supporting nut 1
	T2, T3, T4	143 5766	Supporting nut 2/3
35	T1, T2	143 5677	Spent mandrel container, complete
	T3, T4	143 5964	Spent mandrel container, complete
36		143 5590	O-ring
37 •		143 5472	Flat gasket 1
38		145 7747	Distributing valve complete
39		145 7748	Grip complete
40		144 6025	Activation button
41		143 5642	Valve
42		143 5686	Orifice
43 •		143 5480	Flat gasket 2
44		144 6126	Head adapter
45		144 6130	Screw-in connection
46		144 6132	Coding ring, green
47		144 6133	Coding ring, red
48		144 5393	PA tube Ø 6 green (L = 10 mm)*
49		144 5395	PA tube Ø 6 red (L = 10 mm)*
50		144 6134	PU tube Ø 6mm (L=3.2mm)
51		143 4496	O-ring
52		143 6090	Hose connector

		No.	
53		144 6131	Hydraulic seal rings
54		144 6146	Swivel
55		144 6127	Hydraulic hose
56		144 6135	Hose casing
57	T1	151 3245	Hose connector cylinder
	T2, T3	151 3246	Hose connector cylinder
	T4	151 3247	Hose connector cylinder
58	T1, T2, T3	143 6093	Spacer tube
	T4	143 6102	Spacer tube
59		143 5486	O-ring
60		143 6092	Cylinder adapter
61	T1	145 1010	Air cylinder TAUREX 1
	T2	145 1012	Air cylinder TAUREX 2
	T3	143 6101	Air cylinder TAUREX 3
	T4	145 1024	Air cylinder TAUREX 4
62	T1	151 5051	Silencer 1, complete
	T2	145 7862	Silencer 2, complete
	T3, T4	145 7956	Silencer 3, complete
63	T2, T3, T4	144 6089	Screw
64		143 5484	O-ring
65		145 7750	Pressure relief valve
66		144 6030	Sealing ring
67		143 5667	Connecting nipple
68	T2, T3, T4	143 5648	Spacer cage
69		143 5647	Rod seal
70		145 7694	Control piston
71 •		143 5675	Piston seal
72 •		145 7693	Piston housing
73 •		143 5688	O-ring
74	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
	T3, T4	144 6100	Stopper 3
75		144 5773	Housing screw short
76		143 5492	Al nut
77	T1	145 7751	Air piston 1, complete
	T2	145 7860	Air piston 2, complete
	T3	145 7952	Air piston 3, complete
	T4	145 7994	Air piston 4, complete
78 •	T1	143 5658	Piston seal
	T2, T3	143 5841	Piston seal
	T4	143 6007	Piston seal
79 •	T1	143 5657	Guide ring 1
	T2, T3	143 5825	Guide ring 2
	T4	143 6006	Guide ring 4
80 •	T1	143 5656	Piston seal
	T2, T3	143 5670	Piston seal
81 •	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
82 •	T1	143 5659	Rod seal
83	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	V-profile ring
84	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
85	T1	145 7752	Cylinder 1, complete
	T2	145 7861	Cylinder 2, complete
	T3	145 7953	Cylinder 3, complete
	T4	145 7995	Cylinder 4, complete
86	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

* The length required must always be specified on the order;
the article numbers always refers to the price per metre.

TAUREX 5-6



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAUREX 5-6

			
1		145 1025	Tool head, assembled
2		143 5612	Sealing ring M4
3		144 6013	Oil screw plug
4 •		143 6044	O-ring
5 •		143 6045	O-ring
6		143 6035	Seal holder, complete
7 •		143 6047	O-ring
8 •		143 6048	Rod seal
9		143 6036	Draw bar
10 •		143 6049	Cylinder seal
11 •		143 6052	Supporting ring
12 •		143 6051	Piston seal
13 •		143 6046	O-ring
14		145 8012	Resetting piston, complete
15 •		143 6050	Lip ring
16 •		143 6053	Rod seal
17		144 6123	Spring
18		143 6030	Connecting piece
19		144 6124	V-profile ring
20		144 6125	Washer
21		143 6042	O-ring
22		143 6043	O-ring
23		143 6034	End cap
24		144 6122	Retaining spring
25		143 6026	Retainer
26		143 6028	Adapter
27		143 6025	Lock washer
28		143 6029	Connecting piece nut
29		143 6058	Spent mandrel container, complete
30		143 5590	O-ring
31 •		143 5472	Flat gasket
32		145 7748	Grip complete
33		144 6025	Activation button
34		143 5642	Slider
35		143 5686	Orifice
36 •		143 5480	Flat gasket 2
37		144 6126	Head adapter
38		144 6130	Screw-in connection
39		144 6132	Coding ring, green
40		144 6133	Coding ring, red
41		144 5393	PA tube Ø 6 green (L = 10 mm)*
42		144 5395	PA tube Ø 6 red (L = 10 mm)*
43		144 6134	PU tube
44		144 6138	Screw connection
45		144 6137	PU tube
46		143 4496	O-ring

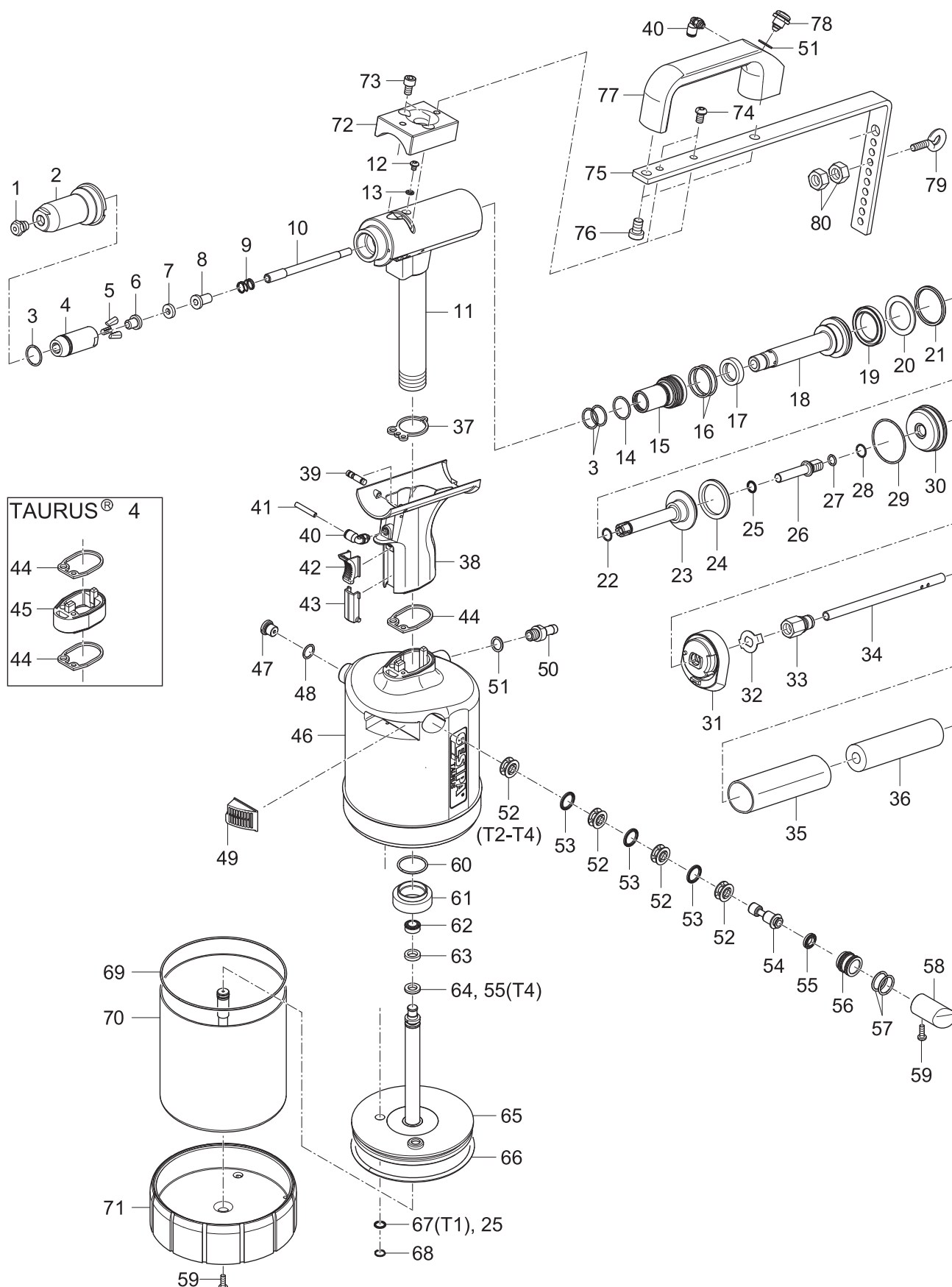
			
47		143 6090	Hose connector
48		144 6131	Hydraulic seal rings
49		144 6146	Swivel
50		144 6127	Hydraulic hose
51		144 6135	Hose casing
52	T5	152 4522	Hose connector cylinder
	T6	152 4523	Hose connector cylinder
53		143 6103	Spacer tube
54		143 6092	Cylinder adapter
55		143 5486	O-ring
56	T5	145 8013	Air cylinder TAUREX 5
	T6	146 4043	Air cylinder TAUREX 6
57		145 7956	Silencer 3, complete
58		145 7750	Pressure relief valve, complete
59		143 5484	O-ring
60		143 5667	Connecting nipple
61		144 6030	Seal
62		143 5648	Spacer cage
63 •		143 5647	Rod seal
64		143 5651	Control piston
65 •		143 5675	Piston seal
66		143 5652	Piston housing
67		143 5688	O-ring
68		144 6100	Stopper 3
69		144 5773	Housing screw, short
70		143 5492	Al nut
71 •	T5	143 6056	Cylinder seal
	T6	143 6007	Piston seal
72 •	T5	143 6040	Guide ring 5
	T6	143 6006	Guide ring 4
73 •	T5	143 6055	Lip ring
74	T5	145 8015	Air piston 5, complete
	T6	145 8024	Air piston 6, complete
75 •		143 5937	O-ring
76 •		143 5635	Rod seal
77		144 6082	V-profile ring
78		143 5927	O-ring
79	T5	145 8014	Cylinder 5, complete
	T6	146 4044	Cylinder 6, complete
80		143 6027	Al bottom
81		143 5900	Rubber foot 3-4
82		144 6089	Screw
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

* The length required must always be specified on the order;
the article numbers always refers to the price per metre.

HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1-4 Axial eco



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1-4 Axial eco

		No.	
1 •	T1	143 4976	Nosepiece 17/18
		143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
	T2	143 4955	Nosepiece 17/24
		143 4973	Nosepiece 17/27
		143 4974	Nosepiece 17/29
		143 4975	Nosepiece 17/32
	T3, T4	143 4977	Nosepiece 17/36
		143 4999	Nosepiece 17/40
		143 4860	Nosepiece 17/45
2		143 6003	Steel head sleeve 4
3 •		144 6012	O-ring
4 •		143 6002	Jaw housing
5 •		143 5568	Jaws (3-part)
6 •	T1	143 5507	Jaw pusher 1
	T2	143 5768	Jaw pusher 2
	T3, T4	143 6000	Jaw pusher 4
7	T3, T4	143 5999	Damping ring 4
8	T1	143 5509	Centre part 1
	T2	143 5769	Centre part 2
	T3, T4	143 6001	Centre part 4
9 •		146 3064	Spring
10	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, long
	T3, T4	143 5886	Nozzle tube 3, long
11	T1	145 0876	Tool head 1, assembled
	T2, T3	145 0934	Tool head 2, assembled
	T4	145 7999	Tool head 4, assembled
12		144 6013	Oil screw plug
13		143 5612	Sealing ring
14 •		143 5629	O-ring
15		143 5681	Seal holder, complete
16 •		143 4227	O-ring
17 •		143 5630	Rod seal
18		143 5631	Draw bar
19 •		143 5632	Piston seal
20 •		143 5488	Supporting ring
21 •		143 5485	Piston seal
22 •		143 5671	O-ring
23		145 7746	Resetting piston complete
24 •		143 5633	Piston seal
25 •	T2, T3, T4	143 5635	Rod seal
26	T1	143 5852	Connecting piece 1
	T2, T3, T4	143 5765	Connecting piece 2/3
27		143 5519	O-ring
28		144 6167	Snap ring
29		143 5524	O-ring
30		143 5532	End cap
31		143 5663	Adapter
32		143 5842	Lock washer
33		143 5848	Screw connection
34		143 5767	Hose
35		144 5647	Protective hose
36		143 5579	Foamed material tubes (0,1m)*
37 •		143 5472	Flat gasket 1
38		145 7869	Grip FA, complete
39		145 7747	Distributing valve, complete
40		144 6230	Screw connection
41		144 6134	PU tube 0,2m*
42		143 5642	Slider
43		143 5686	Orifice
44 •		143 5480	Flat gasket 2
45	T4	143 5998	Grip extension
46	T1	145 0883	Air cylinder 1 Axial eco
	T2	145 0942	Air cylinder 2 Axial eco
	T3	145 0969	Air cylinder 3 Axial eco
	T4	145 0995	Air cylinder 4 Axial eco

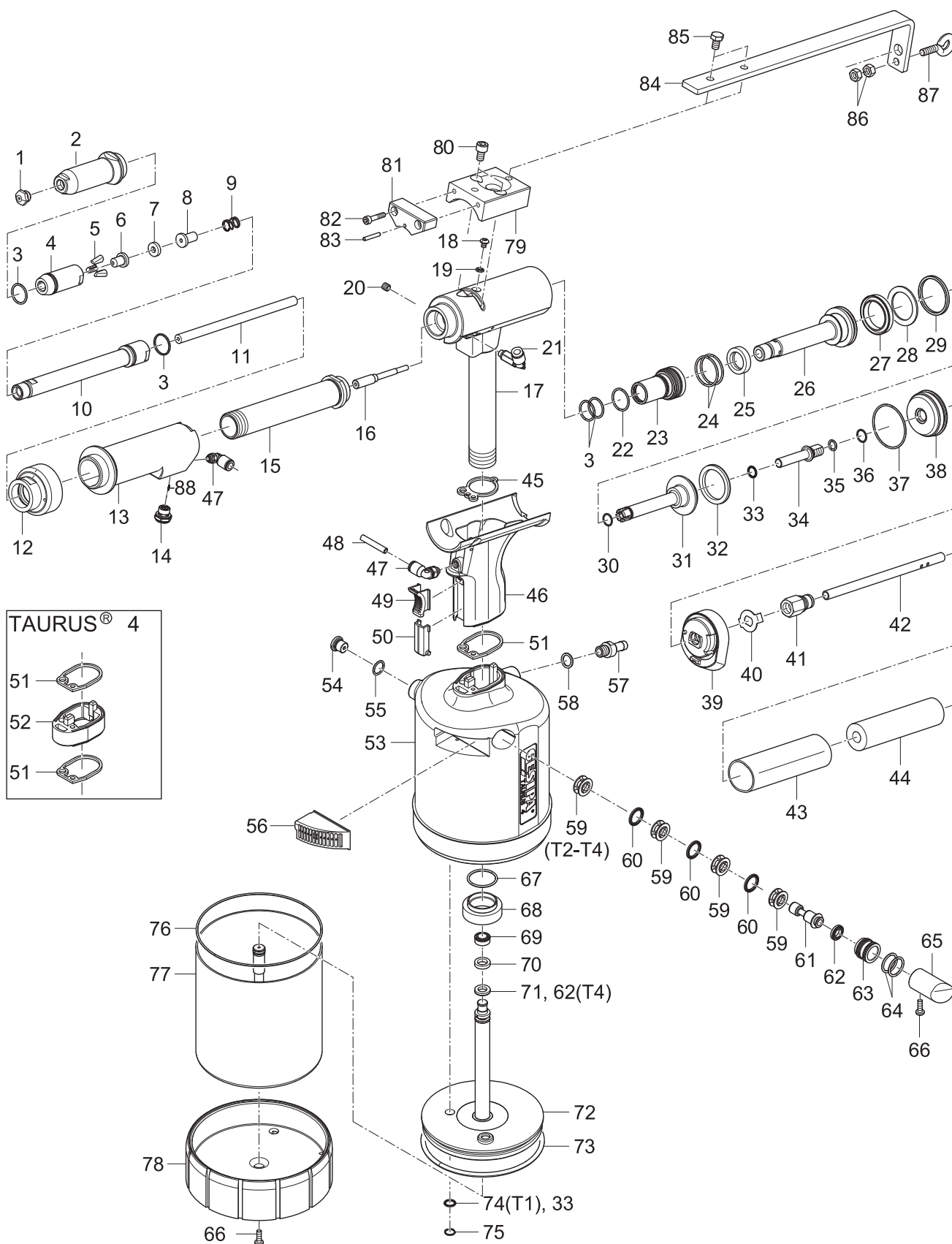
		No.	
47		145 7750	Pressure relief valve, complete
48		143 5484	O-ring
49	T1	151 5051	Silencer 1, complete
	T2	145 7862	Silencer 2, complete
	T3, T4	145 7956	Silencer 3, complete
50		143 5667	Connecting nipple
51		144 6030	Sealing ring
52		143 5648	Spacer cage
53 •		143 5647	Rod seal
54		143 5651	Control piston
55 •		143 5675	Piston seal
56		143 5652	Piston housing
57		143 5688	O-ring
58	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
	T3, T4	144 6100	Stopper 3
59		144 5773	Housing screw, short
60		143 5486	O-ring
61		143 5492	Al nut
62 •	T1	143 5658	Piston seal
	T2, T3	143 5841	Piston seal
	T1	143 6007	Piston seal
63 •	T1	143 5657	Guide ring 1
	T2, T3	143 5825	Guide ring 2
	T4	143 6006	Guide ring 4
64 •	T1	143 5656	Piston seal
	T2, T3	143 5670	Piston seal
65	T1	145 7751	Air piston 1, complete
	T2	145 7860	Air piston 2, complete
	T3	145 7952	Air piston 3, complete
	T4	145 7994	Air piston 4, complete
66 •	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
67 •	T1	143 5659	Rod seal
68	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	V-profile ring
69	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
70	T1	145 7752	Cylinder 1, complete
	T2	145 7861	Cylinder 2, complete
	T3	145 7953	Cylinder 3, complete
	T4	145 7995	Cylinder 4, complete
71	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
72		143 5538	Holder
73		144 5630	Allen screw
74		144 6087	Fillister head screw
75		143 5836	Hanger
76		144 6085	Allen screw
77		143 5575	Grip
78		145 6753	Valve, complete
79		144 5342	Screw
80		144 5262	Nut
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

* The length required must always be specified on the order;
the article numbers always refers to the price per metre.

HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1-4 Axial



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1-4 Axial

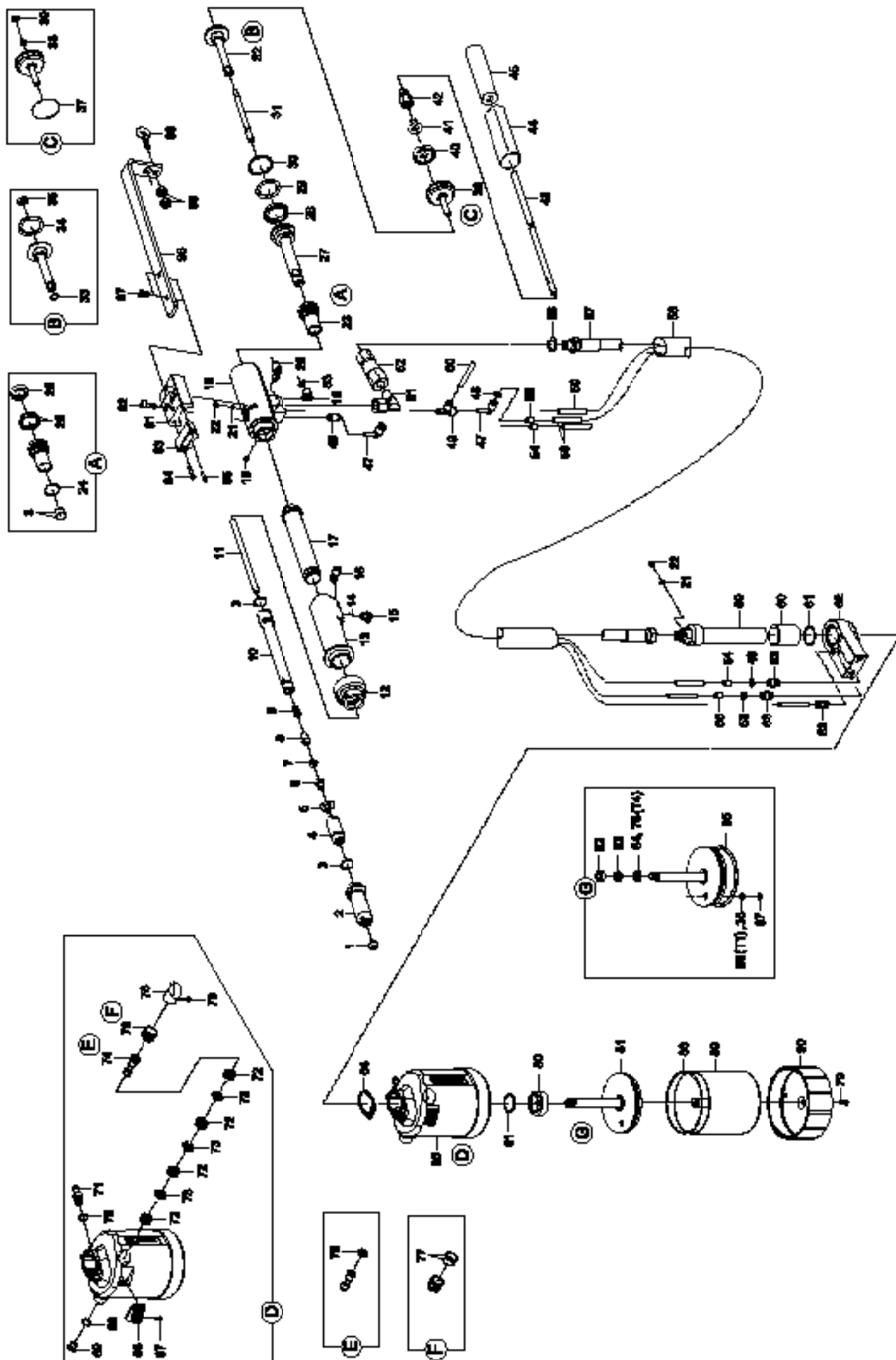
			
1 •	T1	143 4976	Nosepiece 17/18
		143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
	T2	143 4955	Nosepiece 17/24
		143 4973	Nosepiece 17/27
		143 4974	Nosepiece 17/29
		143 4975	Nosepiece 17/32
	T3	143 4977	Nosepiece 17/36
		143 4999	Nosepiece 17/40
		143 4860	Nosepiece 17/45
2		143 6003	Steel head sleeve 4
3 •		144 6012	O-ring
4 •		143 6002	Jaw housing
5 •		143 5568	Jaw (3-part)
6	T1	143 5507	Jaw pusher 1
	T2	143 5768	Jaw pusher 2
	T3, T4	143 6000	Jaw pusher 4
7		143 5999	Damping ring 4
8	T1	143 5509	Centre part 1
	T2	143 5769	Centre part 2
	T3, T4	143 6001	Centre part 4
9		146 3064	Spring
10		143 5863	Adapter, ext. 150mm
11	T1	143 5867	Adapter 1, ext. 150mm
	T2	143 5862	Adapter 1, ext. 150mm
	T3, T4	143 5868	Adapter 1, ext. 150mm
12		143 5856	Adapter
13		143 6915	Grip Axial complete
14		143 6481	Trip valve
15		143 5857	Spacer
16	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, long
	T3, T4	143 5886	Nozzle tube 3, long
17	T1	143 6479	Tool head 1, assembled
	T2, T3	143 6476	Tool head 2, assembled
	T4	143 6422	Tool head 4, assembled
18		144 6013	Oil screw plug
19		143 5612	Sealing ring M4
20		145 2756	Stud bolt
21		145 2755	Screw connection
22 •		143 5629	O-ring
23		143 5681	Seal holder, complete
24 •		143 4227	O-ring
25 •		143 5630	Rod seal
26		143 5631	Draw bar
27 •		143 5632	Piston seal
28 •		143 5488	Supporting ring
29 •		143 5485	Piston seal
30 •		143 5671	O-ring
31		145 7746	Resetting piston, complete
32 •		143 5633	Piston seal
33 •		143 5635	Rod seal
34	T1	143 5852	Connecting piece 1
	T2, T3, T4	143 5765	Connecting piece 2/3
35		143 5519	O-ring
36		144 6167	Snap ring
37		143 5524	O-ring
38		143 5532	End cap
39		143 5663	Adapter
40		143 5842	Lock washer
41		143 5848	Screw connection
42		143 5767	Hose
43		144 5647	Protective hose
44		143 5579	Foamed material tubes (0,1m)
45 •		143 5472	Flat gasket 1
46		143 6480	Grip FA, complete
47		144 6230	Screw connection
48		144 6134	Tube 0,1m*

			
49		143 5642	Slider
50		143 5686	Orifice
51 •		143 5480	Flat gasket 2
52	T4	143 5998	Grip extension
53	T1	145 0882	Air cylinder 1 Axial
	T2	145 0941	Air cylinder 2 Axial
	T3	145 0968	Air cylinder 3 Axial
	T4	145 0994	Air cylinder 4 Axial
54		145 7750	Pressure relief valve, complete
55		143 5484	O-ring
56	T1	151 5051	Silencer 1, complete
	T2	145 7862	Silencer 2, complete
	T3, T4	145 7956	Silencer 3, complete
57		143 5667	Connecting nipple
58		144 6030	Sealing ring
59		143 5648	Spacer cage
60 •		143 5647	Rod seal
61		143 5651	Control piston
62 •		143 5675	Piston seal
63		143 5652	Piston housing
64		143 5688	O-ring
65	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
	T3, T4	144 6100	Stopper 3
66		144 5773	HousingsScrew, short
67		143 5486	O-ring
68		143 5492	Al nut
69 •	T1	143 5658	Piston seal
	T2, T3	143 5841	Piston seal
	T4	143 6007	Piston seal
70 •	T1	143 5657	Guide ring 1
	T2, T3	143 5825	Guide ring 2
	T4	143 6006	Guide ring 3
71 •	T1	143 5656	Piston seal
	T2, T3	143 5670	Piston seal
72	T1	145 7751	Air piston 1, complete
	T2	145 7860	Air piston 2, complete
	T3	145 7952	Air piston 3, complete
	T4	145 7994	Air piston 4, complete
73 •	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
74 •	T1	143 5659	Rod seal
75	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	V-profile ring
76	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
77	T1	145 7752	Cylinder 1, complete
	T2	145 7861	Cylinder 2, complete
	T3	145 7953	Cylinder 3, complete
	T4	145 7995	Cylinder 4, complete
78	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
79		143 5538	Holder
80		144 5630	Allen screw
81		145 0895	Holder
82		145 2757	Allen screw
83		143 3954	Cylinder pin
84		143 5836	Hanger
85		144 6092	Hexagon head screw
86		144 5262	Nut
87		144 5342	Screw
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

* The length required must always be specified on the order; the article numbers always refers to the price per metre.

TAUREX 1-4 Axial



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAUREX 1-4 Axial

		No.	
1	T1	143 4976	Nosepiece 17/18
		143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
	T2	143 4955	Nosepiece 17/24
		143 4973	Nosepiece 17/27
		143 4974	Nosepiece 17/29
		143 4975	Nosepiece 17/32
	T3, T4	143 4977	Nosepiece 17/36
		143 4999	Nosepiece 17/40
		143 4860	Nosepiece 17/45
2		143 6003	Steel head sleeve 4
3 •		144 6012	O-ring
4 •		143 6002	Jaw housing 4
5 •		143 5568	Jaws (3-part)
6 •	T1	143 5507	Jaw Pusher 1
	T2	143 5768	Jaw Pusher 2
	T3, T4	143 6000	Jaw Pusher 4
7		143 5999	Damping ring 4
8	T1	143 5509	Centre part 1
	T2	143 5769	Centre part 2
	T3, T4	143 6001	Centre part 4
9		146 3064	Spring
10		143 5863	Adapter
11	T1	143 5867	Adapter 1
	T2	143 5862	Adapter 2
	T3, T4	143 5868	Adapter 3
12		143 5856	Adapter
13		143 6915	Grip Axial, complete
14		144 5996	Spring
15		143 6481	Release valve, complete
16		144 6230	Screw connection
17		143 5857	Spacer
18		145 0948	Tool head, assembled
19		145 2756	Stud bolt
20		144 6017	Angle screw connection
21		143 5612	Sealing ring M4
22		144 6013	Oil screw plug
23		143 5681	Seal holder, complete
24 •		143 5629	O-ring
25 •		143 4227	O-ring
26 •		143 5630	Rod seal
27		143 5631	Draw bar
28 •		143 5632	Piston seal
29 •		143 5488	Supporting ring
30 •		143 5485	Piston seal
31	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, long
	T3, T4	143 5886	Nozzle tube 3, long
32		145 7746	Resetting piston, complete
33 •		143 5671	O-ring
34 •		143 5633	Piston seal
35 •		143 5635	Rod seal
36	T1	143 5852	Connecting piece 1
	T2, T3, T4	143 5765	Connecting piece 2/3
37		143 5524	O-ring
38		143 5519	O-ring
39		144 6167	Snap ring
40		143 5853	Supporting ring
41		143 5842	Lock washer
42		143 5848	Screw connection
43		143 5767	Hose
44		143 5579	Foamed material tubes
45		144 5647	Protective hose
46		144 6095	Screw connection
47		145 2759	Plug-in coupling
48		144 6133	Coding ring, red
49		144 6093	Screw connection
50		144 6134	PU tube (0,16m)
		144 6134	PU tube (1,7m)

		No.	
51		144 6145	Angle screw connection
52		144 6146	Swivel
53		144 6133	Coding ring, red
54		144 5395	PA tube red (0,01m)
55		144 5393	PA tube green (0,01m)
56		144 6131	Sealing ring
57		144 6136	Hydraulic hose
58		144 6135	Protective hose
59	T1	151 3245	Hose connector
	T2, T3	151 3246	Hose connector
	T4	151 3247	Hose connector
60	T1, T2, T3	143 6093	Spacer tube
61	T4	143 6102	Spacer tube 4
		143 5486	O-ring
62		143 6092	Cylinder adapter
63		144 6130	Screw connection
64 •		143 5480	Flat gasket
65	T1	148 8025	Air cylinder 1, complete
	T2	148 8026	Air cylinder 2, complete
	T3	148 8027	Air cylinder 3, complete
	T4	148 8029	Air cylinder 4, complete
66	T1	151 5051	Silencer complete
	T2	145 7862	Silencer complete
	T3, T4	145 7956	Silencer complete
67		144 6089	Screw
68		143 5484	O-ring
69		145 7750	Pressure relief valve
70		144 6030	Sealing ring
71		143 5667	Connecting nipple
72		143 5648	Spacer ring
73		143 5647	Rod seal
74		145 7694	Control piston
75 •		143 5675	Piston seal
76		145 7693	Piston housing
77 •		143 5688	O-ring
78	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
	T3, T4	144 6100	Stopper 3
79		144 5773	Screw
80		143 5492	Alu nut
81	T1	145 7751	Air piston 1 complete
	T2	145 7860	Air piston 2 complete
	T3	145 7952	Air piston 3 complete
	T4	145 7994	Air piston 4 complete
82 •	T1	143 5658	Piston seal
	T2, T3	143 5841	Piston seal
	T4	143 6007	Piston seal
83 •	T1	143 5657	Guide ring 1
	T2, T3	143 5825	Guide ring 2
	T4	143 6006	Guide ring 4
84 •	T1	143 5656	Piston seal
	T2, T3	143 5670	Piston seal
85 •	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
86 •	T1	143 5659	Rod seal
	T2	144 6027	Snap ring
87	T2, T3, T4	144 6082	Snap ring
88	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
89	T1	145 7752	Cylinder 1 complete
	T2	145 7861	Cylinder 2 complete
	T3	145 7953	Cylinder 3 complete
	T4	145 7995	Cylinder 4 complete
90	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
91		143 5538	Holder
92		144 5630	Allen screw
93		145 0895	Holder
94		143 6915	Allen screw
95		143 3954	Cylinder pin
96		143 5855	Hanger
97		144 6087	Hexagon head screw
98		144 5342	Screw
99		144 5262	Nut
		144 5294	Hydraulic oil refill bottle 100ml

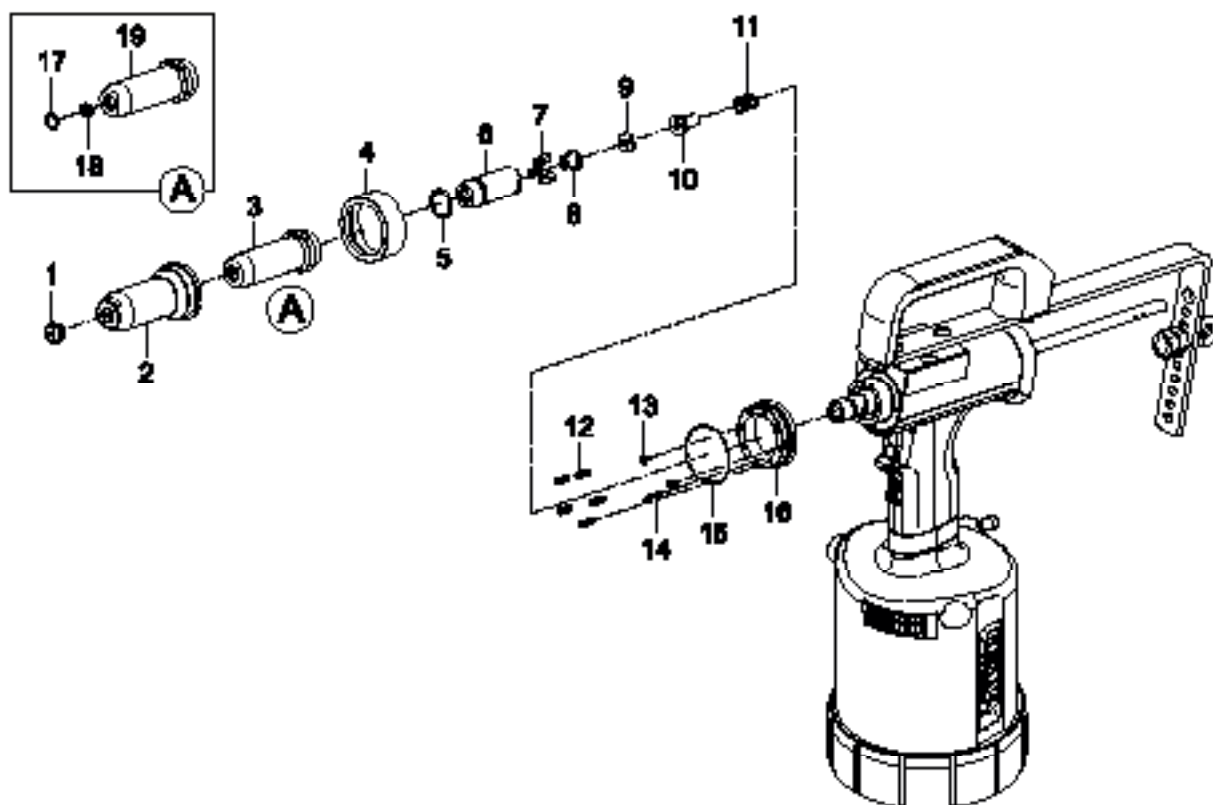
HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

Spring-loaded trigger system for TAURUS® 1-4 Axial eco

📍	🔧		🔗
1 •	T1	143 5591	Nosepiece 17/18 AV
		143 4990	Nosepiece 17/20 AV
		143 4991	Nosepiece 17/22 AV
	T2	143 5592	Nosepiece 17/24 AV
		143 5593	Nosepiece 17/27 AV
		143 5594	Nosepiece 17/29 AV
		143 5595	Nosepiece 17/32 AV
		143 5596	Nosepiece 17/36 AV
	T3, T4	143 5597	Nosepiece 17/40 AV
		143 5598	Nosepiece 17/45 AV
2		143 5466	Steel head sleeve
3	T1	145 0887	Support sleeve AV, complete
	T2	145 0943	Support sleeve AV, complete
	T3, T4	145 0978	Support sleeve AV, complete
4		143 5499	Union nut
5 •		144 6012	O-ring
6 •		143 6002	Jaw housing 4
7 •		143 5568	Jaws (3-part)
8 •	T1	143 5507	Jaw pusher 1
	T2	143 5768	Jaw pusher 2
	T3, T4	143 6000	Jaw pusher 4

📍	🔧		🔗
9		143 5999	Damping ring 4
10	T1	143 5509	Centre part 1
	T2	143 5769	Centre part 2
	T3, T4	143 6001	Centre part 4
11 •		146 3064	Spring
12 •		144 5994	Spring
13		144 5995	Allen screw
14		152 4521	Stamp
15		143 5498	Casing
16		143 5529	O-ring
17		144 6010	Snap ring
18 •	T1	143 5599	Nosepiece Ø 2,5
	T2	143 5600	Nosepiece Ø 3,2
	T3, T4	143 5601	Nosepiece Ø 4,5
19		143 5467	Support sleeve

• Wearing parts



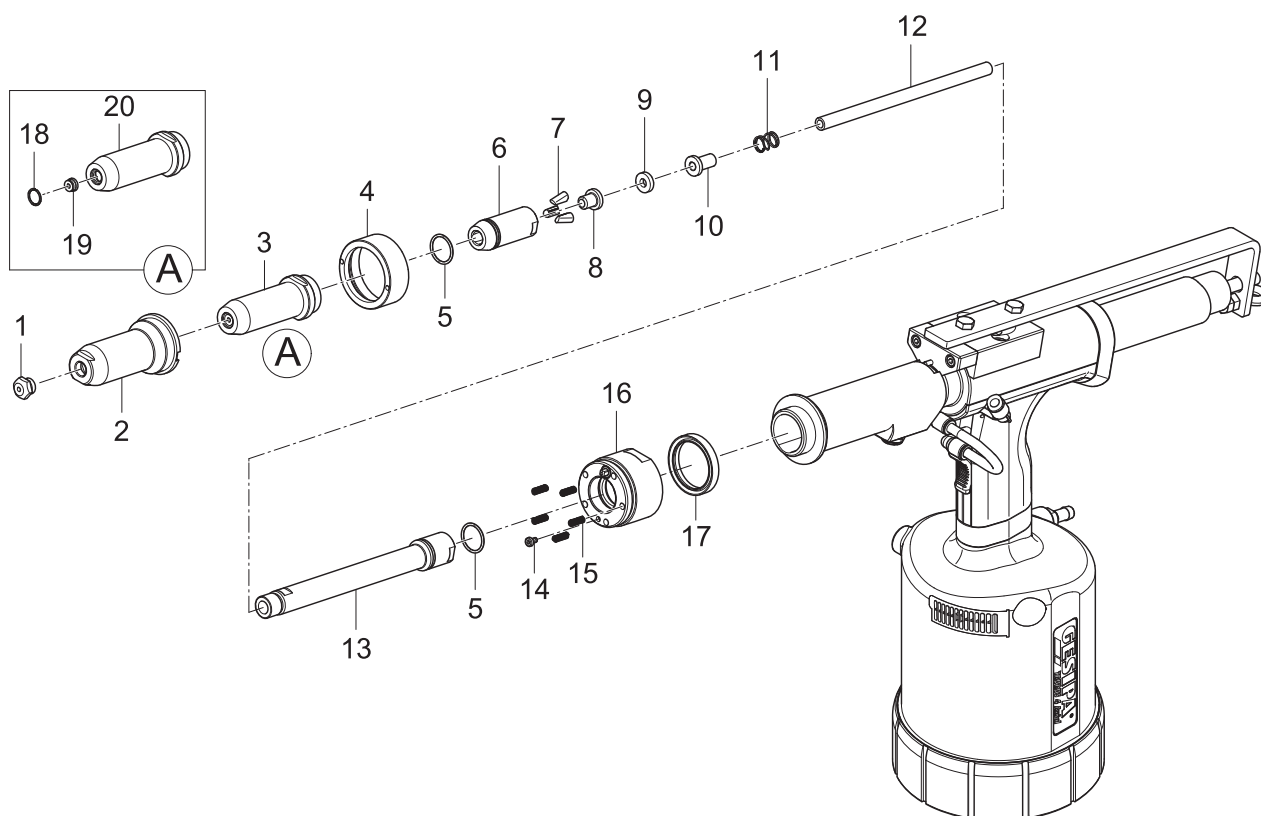
HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

Spring-loaded trigger system for TAURUS® 1-4 Axial

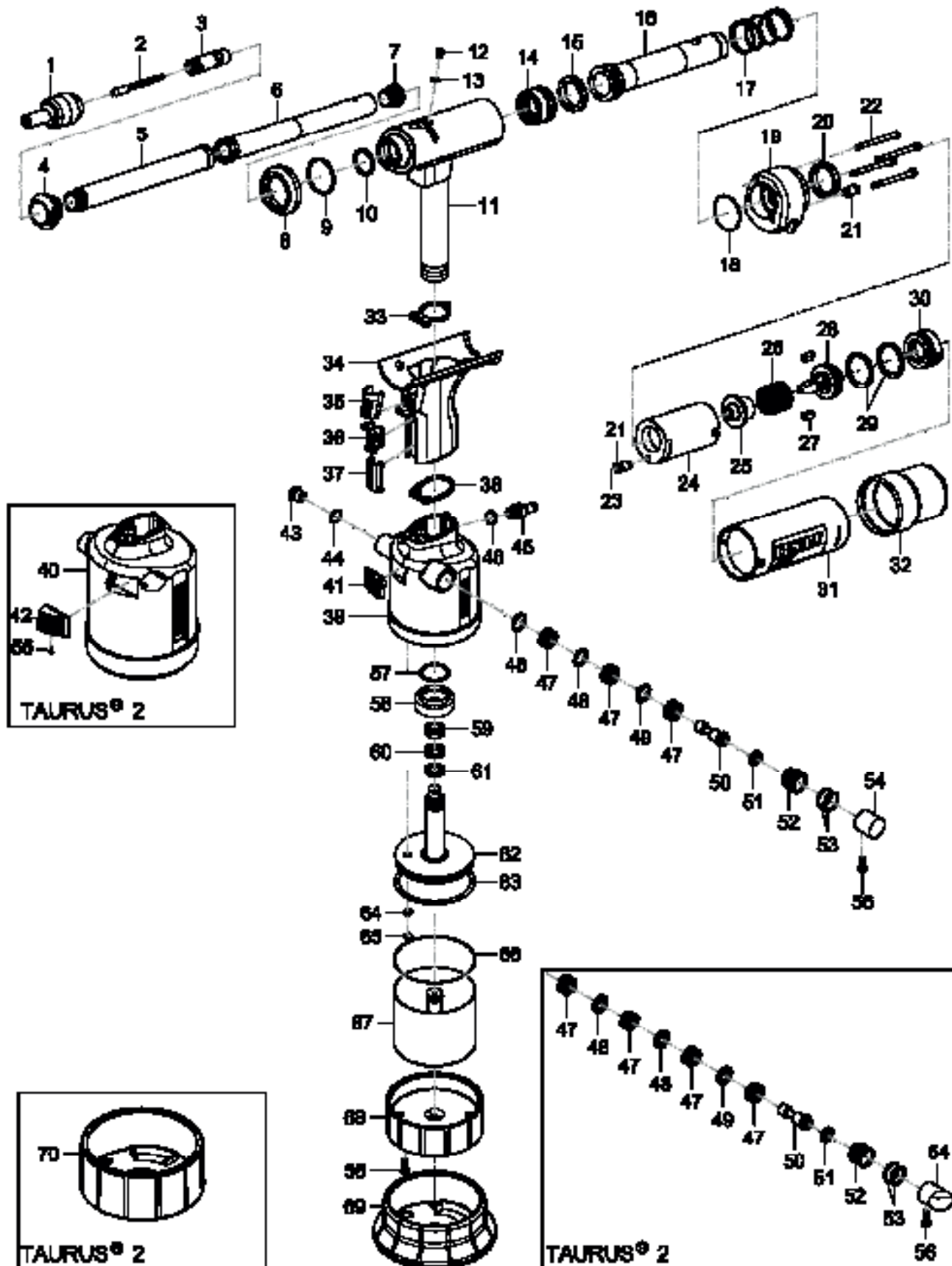
1 •	T1	143 5591	Nosepiece 17/18 AV
		143 4990	Nosepiece 17/20 AV
		143 4991	Nosepiece 17/22 AV
	T2	143 5592	Nosepiece 17/24 AV
		143 5593	Nosepiece 17/27 AV
		143 5594	Nosepiece 17/29 AV
		143 5595	Nosepiece 17/32 AV
	T3, T4	143 5596	Nosepiece 17/36 AV
		143 5597	Nosepiece 17/40 AV
		143 5598	Nosepiece 17/45 AV
2		143 5466	Steel head sleeve
3	T1	145 0887	Support sleeve AV, complete
	T2	145 0943	Support sleeve AV, complete
	T3, T4	145 0978	Support sleeve AV, complete
4		143 5499	Union nut
5 •		144 6012	O-ring
6 •		143 6002	Jaw housing 4
7 •		143 5568	Jaws (3-part)
8 •	T1	143 5507	Jaw pusher 1
	T2	143 5768	Jaw pusher 2
	T3, T4	143 6000	Jaw pusher 4

9		143 5999	Damping ring 4
10	T1	143 5509	Centre part 1
	T2	143 5769	Centre part 2
	T3, T4	143 6001	Centre part 4
11 •		146 3064	Spring
12	T1	143 5867	Adapter 1
	T2	143 5862	Adapter 2
	T3, T4	143 5868	Adapter 3
13		143 5863	Adapter, ext. 150mm
14		144 6097	Allen screw
15 •		144 5994	Spring
16		145 0947	Valve body, complete
17		143 5866	Rod seal
18		144 6010	Snap ring
19 •	T1	143 5599	Nosepiece Ø 2,5
	T2	143 5600	Nosepiece Ø 3,2
	T3, T4	143 5601	Nosepiece Ø 4,5
20		143 5467	Support sleeve

• Wearing parts



TAURUS® 1 Speed Rivet / TAURUS® 2 Speed Rivet



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1 Speed Rivet / TAURUS® 2 Speed Rivet

		No.	
1 •		145 7753	Spreader nosepiece 3.2, complete
		145 7754	Spreader nosepiece 4.0 complete
		145 7755	Spreader nosepiece 4.8 complete
		145 7756	Spreader nosepiece 3.2 extended, complete
		145 7757	Spreader nosepiece 4.0 extended, complete
		145 7758	Spreader nosepiece 4.8 extended, complete
		145 0906	Spreader nosepiece 3.2 with opening mechanism complete
		145 0907	Spreader nosepiece 4.0 with opening mechanism complete
		145 0908	Spreader nosepiece 4.8 with opening mechanism complete
		145 0909	Spreader nosepiece 3.2 extended with opening mechanism, complete
		145 0910	Spreader nosepiece 4.0 extended with opening mechanism complete
		145 0911	Spreader nosepiece 4.8 extended with opening mechanism, complete
2 •		145 7759	Spring 3.2, complete
		145 7761	Spring 4.0 complete
		145 7763	Spring 4.8 complete
		145 7760	Spring 3.2 extended, complete
		145 7762	Spring 4.0 extended, complete
		145 7764	Spring 4.8 extended, complete
3 •		145 0918	Slide lock, complete
4		143 5705	Locator for guide tube SR
5 •		143 5710	Guide tube 2 SR
6 •		143 5709	Guide tube 1 SR
7		143 5712	End screw SR
8		143 5952	Ring
9		143 4266	O-ring
10		143 4462	O-ring
11	T1	145 0919	Tool head 1 SR, assembled
	T2	145 0937	Tool head 2 SR, assembled
12		144 6013	Oil screw plug
13		143 5612	Sealing ring M4
14 •		145 7765	Oil piston, complete
15 •		143 5723	Piston seal
16		143 5722	Pull tube SR
17		143 5721	Spring
18		144 6053	O-ring
19		146 4433	Connection block
20 •		144 6051	Rod seal
21		144 6049	Screw connection
22		144 5970	Allen screw
23		144 6045	Compressed air hose
24		143 5702	Clamp housing
25		143 5704	Pressure sleeve
26		143 5699	Compression spring
27 •		143 5701	Jaw
28		145 7766	Jaw guide, complete
29 •		144 6052	O-ring
30		145 0920	Cover, complete
31		145 0921	Protective tube, complete
32		143 5714	Protective cap

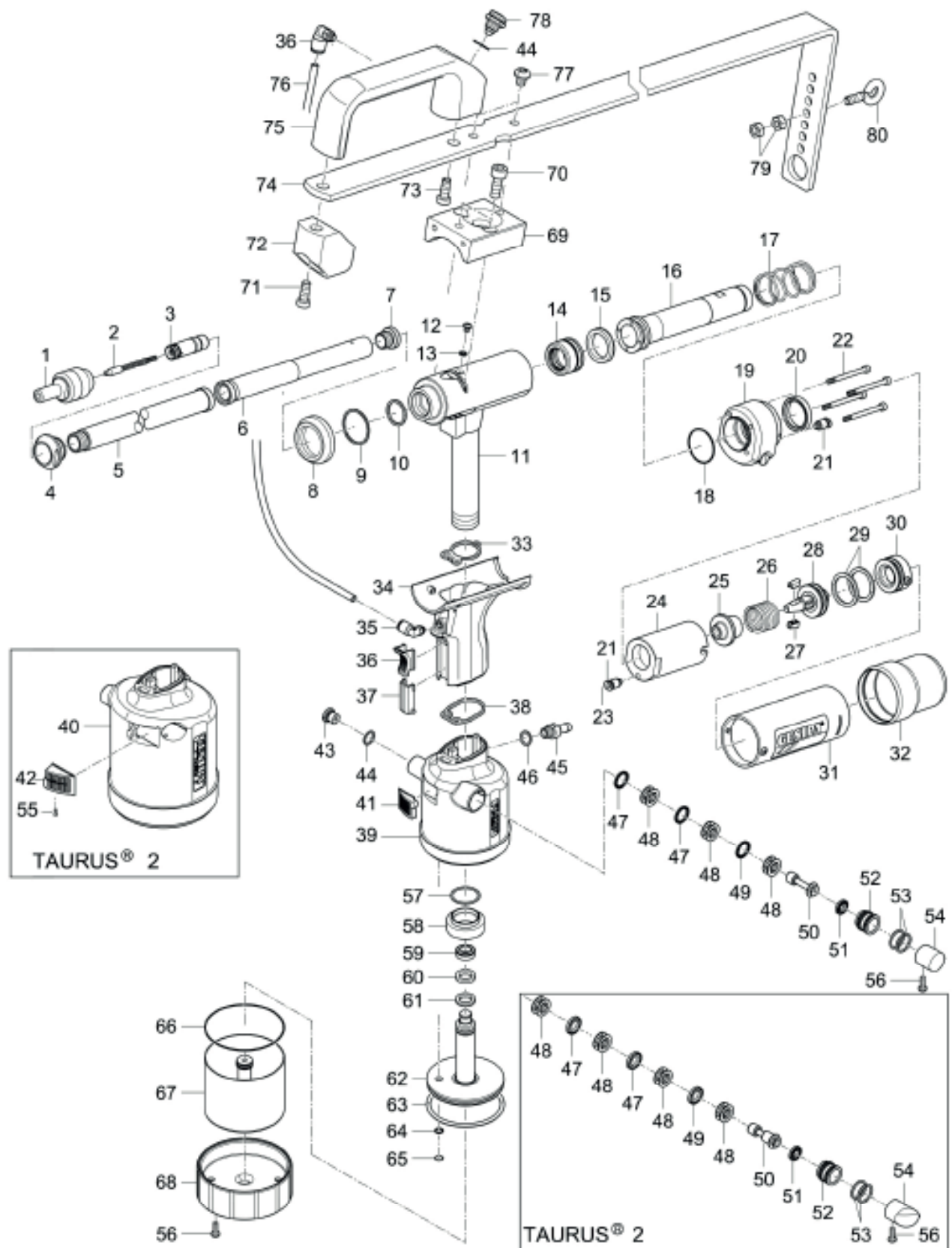
		No.	
33 •		143 5472	Flat gasket 1
34		145 0922	Grip, complete
35		144 6025	Activation button
36		143 5642	Slider
37		143 6169	Orifice
38 •		143 5480	Flat gasket 2
39	T1	145 0923	Air cylinder SR 1, complete
40	T2	145 0938	Air cylinder SR 2, complete
41	T1	151 5051	Silencer 1
42	T2	144 6088	Silencer 2
43		145 7750	Pressure relief valve, complete
44		143 5484	O-ring
45		143 5667	Connecting nipple
46		144 6030	Sealing ring
47		143 5648	Spacer cage
48		143 5647	Rod seal
49		143 6248	Washer
50		143 6187	Rod seal
51 •		143 5675	Piston seal
52		143 5652	Piston housing
53		143 5688	O-ring
54	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
55		144 6089	Screw
56		144 5773	Housing screw short
57		143 5486	O-ring
58		143 5492	Al nut
59 •	T1	143 5658	Piston seal
	T2	143 5841	Piston seal
60 •	T1	143 5657	Guide ring 1
	T2	143 5825	Guide ring 2
61 •	T1	143 5656	Piston seal
	T2	143 5670	Piston seal
62	T1	145 7751	Air piston 1, complete
	T2	145 7860	Air piston 2, complete
63 •	T1	143 5660	O-ring
	T2	143 5834	O-ring
64	T1	143 5659	Rod seal
	T2	143 5635	Rod seal
65	T1	144 6027	Snap ring
	T2	144 6082	V-profile ring
66	T1	143 5680	O-ring
	T2	143 5839	O-ring
67	T1	145 7752	Cylinder 1, complete
	T2	145 7861	Cylinder 2, complete
68	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
69	T1	143 6394	Rubber foot 1
70	T2	143 6371	Rubber foot 2
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1 Speed Rivet Axial eco

TAURUS® 2 Speed Rivet Axial eco



HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

TAURUS® 1 Speed Rivet Axial eco TAURUS® 2 Speed Rivet Axial eco

		No.	
1 •		145 7753	Spreader nosepiece 3.2. complete
		145 7754	Spreader nosepiece 4.0. complete
		145 7755	Spreader nosepiece 4.8. complete
		145 7756	Spreader nosepiece 3.2. extended complete
		145 7757	Spreader nosepiece 4.0 extended complete
		145 7758	Spreader nosepiece 4.8 extended complete
		145 0906	Spreader nosepiece 3.2 with opening mechanism complete
		145 0907	Spreader nosepiece 4.0 with opening mechanism complete
		145 0908	Spreader nosepiece 4.8 with opening mechanism complete
		145 0909	Spreader nosepiece 3.2 extended with opening mechanism, complete
		145 0910	Spreader nosepiece 4.0 extended with opening mechanism, complete
		145 0911	Spreader nosepiece 4.8 extended with opening mechanism, complete
2 •		145 7759	Spring 3.2, complete
		145 7761	Spring 4.0, complete
		145 7763	Spring 4.8, complete
		145 7760	Spring 3.2 extended, complete
		145 7762	Spring 4.0 extended, complete
		145 7764	Spring 4.8 extended, complete
3 •		145 0918	Slide lock, complete
4		143 5705	Locator for guide tube SR
5 •		143 5710	Guide tube 2 SR
		143 5685	Guide tube long 2 SR
6 •		143 5709	Guide tube 1 SR
7		143 5712	End screw SR
8		143 5952	Ring
9		143 4266	O-ring
10		143 4462	O-ring
11	T1	145 0924	Tool head, assembled 1 SR
	T2	145 0940	Tool head, assembled 2 SR
12		144 6013	Oil screw plug
13		143 5612	Sealing ring M4
14 •		145 7765	Oil piston, complete
15 •		143 5723	Piston seal
16		143 5722	Pull tube SR
17		143 5721	Spring
18		144 6053	O-ring
19		146 4433	Connection block
20 •		144 6051	Rod seal
21		144 6049	Screw connection
22		144 5970	Allen screw
23		144 6045	Tube
24		143 5702	Clamp housing
25		143 5704	Pressure sleeve
26		143 5699	Compression spring
27		143 5701	Jaw
28		145 7766	Jaw guide, complete
29 •		144 6052	O-ring
30		145 0920	Cover, complete
31		145 0921	Protective tube, complete
32		143 5714	Protective cap
33 •		143 5472	Flat gasket 1
34		145 0925	Grip, complete
35		144 6230	Hose connector
36		143 5642	Slider
37		143 6169	Orifice
38 •		143 5480	Flat gasket 2

		No.	
39	T1	145 0923	Air cylinder SR 1, complete
40	T2	145 0938	Air cylinder SR 2, complete
41	T1	151 5051	Silencer 1
42	T2	144 6088	Silencer 2
43		145 7750	Pressure relief valve, complete
44		143 5484	O-ring
45		143 5667	Connecting nipple
46		144 6030	Sealing ring
47		143 5648	Spacer cage
48		143 5647	Rod seal
49		143 6248	Washer
50		143 6187	Rod seal
51 •		143 5675	Piston seal
52		143 5652	Piston housing
53		143 5688	O-ring
54		144 6026	Stopper 1
55		144 6073	Stopper 2
56		144 6089	Screw
57		144 5773	Housing screw, short
58		143 5486	O-ring
59		143 5492	Al nut
60 •	T1	143 5658	Piston seal
	T2	143 5841	Piston seal
61 •	T1	143 5657	Guide ring 1
	T2	143 5825	Guide ring 2
62 •	T1	143 5656	Piston seal
	T2	143 5670	Piston seal
63	T1	145 7751	Air piston 1, complete
	T2	145 7860	Air piston 2, complete
64 •	T1	143 5660	O-ring
	T2	143 5834	O-ring
65	T1	143 5659	Rod seal
	T2	143 5635	Rod seal
66	T1	144 6027	Snap ring
	T2	144 6082	V-ring
67	T1	143 5680	O-ring
	T2	143 5839	O-ring
68	T1	145 7752	Cylinder 1, complete
	T2	145 7861	Cylinder 2, complete
69	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
70		143 5538	Holder
71		144 5630	Allen screw
72		144 6085	Allen screw
73		143 5684	Holder
74		144 6042	Allen screw
75		143 5682	Hanger
		143 5683	Hanger long
76		143 5575	Grip
77		144 6134	Hose
78		144 6087	Fillister head screw
79		145 6753	Valve complete
80		144 5262	Nut
81		144 5342	Screw
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

* The length required must always be specified on the order;
the article numbers always refers to the price per metre.

HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

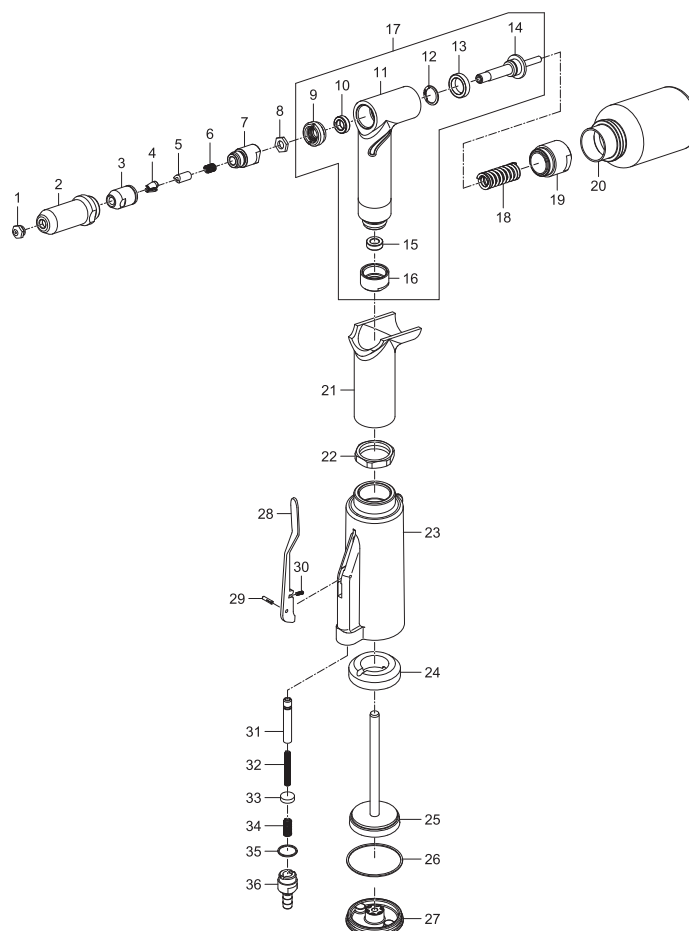
PH 1 and PH 2

		No.	
1 •	PH 1	143 4285	Nosepiece 16/18
	PH 1, PH 2	143 4288	Nosepiece 16/24
	PH 1, PH 2	143 4289	Nosepiece 16/27
	PH 1, PH 2	143 4290	Nosepiece 16/29
	PH 2	143 4291	Nosepiece 16/32
	PH 2	143 4292	Nosepiece 16/36
2		143 4105	Steel head sleeve
3 •	PH 1	143 4243	Jaw housing
	PH 2	143 4102	Jaw housing
4 •	PH 1	143 4071	Jaws (2-part)
	PH 1	143 4241	Jaws (2-part) per pair with fine toothing for blind rivets with small nominal Ø (2.4; 3 and 3.2 all materials)
	PH 2	143 4103	Jaws (3-part)
5 •	PH 1	143 4242	Jaw pusher
	PH 2	143 4319	Jaw pusher
6 •		144 5314	Compression spring
7		143 4320	Jaw adapter
8		143 4321	Nut
9 •		143 4318	Piston guide with wiper
10 •		143 4323	K seal
11		143 4315	Tool head
12		144 5305	Snap ring
13 •		143 4324	K seal
14		143 4322	Piston
15 •		143 4326	K seal
16		143 4325	Sealing ring holder
17		145 6792	Tool head assembly (9-16)
18 •		144 5304	Return spring
19		143 4327	Closure screw
20		144 5302	Spent mandrel container
21		143 4343	Plastic grip
22		143 4337	Locking nut

		No.	
23	PH 1	143 4244	Tool body
	PH 2	143 4328	Tool body
24	PH 1	143 4246	Buffer ring
	PH 2	143 4334	Buffer ring
25	PH 1	145 6769	Air piston, complete
	PH 2	145 6791	Air piston, complete
26 •		143 4332	Round cord packing ring
27	PH 1	143 4245	End cap complete
	PH 2	143 4331	End cap complete
28		143 4330	Release lever
29		144 5307	Grooved pin
30		144 5308	Compression spring
31		145 6785	Valve tube
32		144 5306	Valve spring
33 •		143 4329	Valve spud
34 •		144 5303	Compression spring
35		143 5258	Sealing ring
36		145 6784	Hose fitting with sealing ring
		143 5261	Jaw pusher with reducing tube for thin mandrels Ø up to 2.3 mm
		143 5262	Jaw pusher with reducing tube for thin mandrels Ø up to 2.3 mm
		145 6780	Hydraulic oil (1 bottle) 250 ml
		143 4311	Universal wrench MSU

• Wearing parts

You will find detailed nosepiece allocation tables on page 134.



You will find spare part kits for PH 1 and PH 2 on page 344.

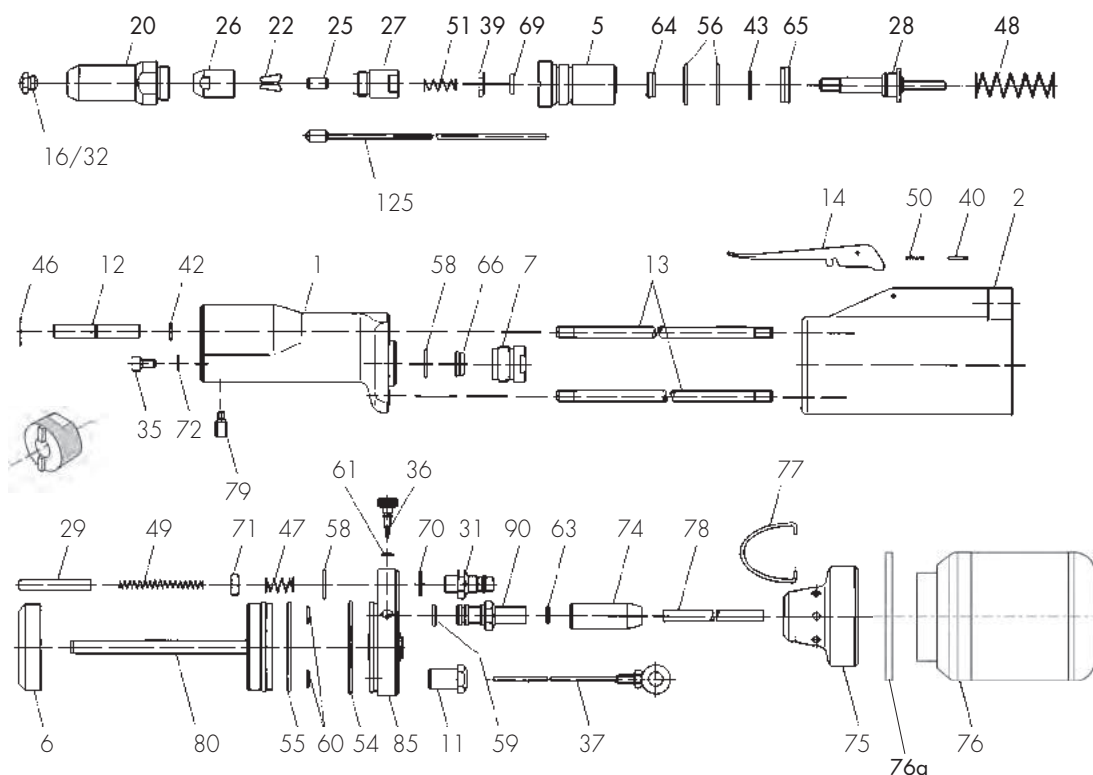
HYDRO-PNEUMATIC BLIND RIVET SETTING TOOLS

PH Axial

	No.	
1	143 6115	Tool head
2	143 6117	Tool body
5	145 8066	Piston guide with wiper no. 69
	143 6114	Temporary attachment for part no. 5
6	143 6118	Damping ring
7	143 6119	Sealing ring mount
11	143 6123	Connection screw
12	143 6124	Guide tube
13	143 6125	Draw bar
14	143 6126	Release lever
16/24 •	143 4288	Nosepiece
16/27 •	143 4289	Nosepiece
16/29 •	143 4290	Nosepiece
16/32 •	143 4291	Nosepiece
16/36 •	143 4292	Nosepiece
20	143 4105	Head
22 •	143 4103	Jaws (3-part)
25 •	143 4319	Jaw pusher
26 •	143 4102	Jaw housing
27	143 4320	Jaw adapter
28	143 4322	Piston
29	145 6785	Valve tube
31	144 6166	Connection plug
35	144 5700	Cylinder screw (together)
36	143 5257	Valve screw
37	143 6132	Eye bolt with assembly mandrel
39	143 4321	Nut
40	144 5307	Grooved pin
42	144 6167	Snap ring
43	144 5305	Snap ring
46	144 6168	Supporting washer
47	143 6133	Compression spring
48 •	144 5304	Return spring
49	144 5306	Valve spring
50	144 5308	Compression spring

	No.	
51 •	144 5314	Compression spring
54	143 6135	O-ring
55	143 6134	O-ring
56	143 6136	O-ring
58	143 4497	O-ring
59	143 6137	O-ring
60	143 6116	Rod seal
61	143 5256	O-ring
63	143 6138	O-ring
64 •	143 4323	K seal
65 •	143 4324	K seal
66 •	143 4326	K seal
69	143 6139	Wiper
70	144 6169	Sealing ring
71 •	143 4329	Valve spud
72	143 6140	USIT ring
74	145 8068	Union with O-ring no. 63
75 *	143 6141	Adapter
76 *	144 6164	Spent mandrel container
76 a	143 6142	Impact washer
77 *	144 5265	Suspension bracket
78	143 6143	Drain hose (1.5 m long)
79	144 5819	Stud bolt
80	145 8070	Air piston complete with no. 55 and 60
85	145 8071	End cap complete
90	145 8072	Screw-in nozzle, complete
95	145 8073	Hydraulic seal kit with part no. 54, 56, 58, 64, 65, 66
100	145 8074	Pneumatic seal kit for air piston no. 80 with part no. 54, 55, 60
125 •	143 6130	Jaw pusher with reducing tube for blind rivets up to 4 mm Ø and Al and Cu
	145 6780	Hydraulic oil refill bottle 250 ml

• Wearing parts

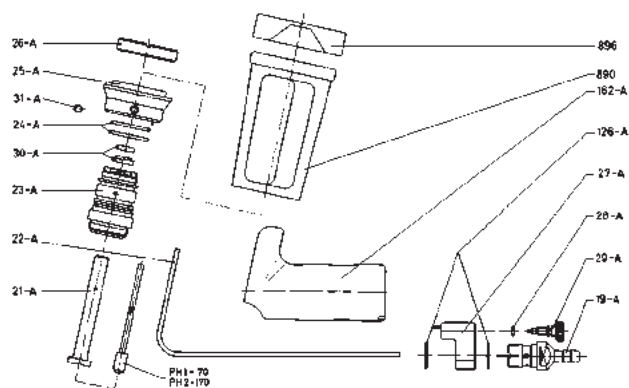


SPECIAL ACCESSORIES FOR HYDRO-PNEUMATIC SETTING TOOLS

VAS for PH 1 and PH 2

	No.	
19-A	143 5248	Connecting nipple
21-A	143 5249	Nozzle tube
22-A •	143 5250	Plastic tube
23-A	143 5251	Connection screw complete with 24-A and 30-A
24-A •	143 5252	O-ring set
25-A	143 5253	Connection ring complete with 31-A and nipple
26-A	143 5254	Slotted nut
27-A	143 5255	Valve body with hose adapter
28-A •	143 5256	O-ring
29-A	143 5257	Valve screw
30-A •	143 5259	Scraper ring set
31-A	144 5828	Locking screw
126-A •	143 5258	Sealing ring
162-A	143 5260	Plastic grip
890	143 4233	Spent mandrel container, complete
896	144 5295	Air deflector
70	143 5261	PH 1 jaw pusher with reducing tube for thin mandrels up to 2.3 mm Ø
71	143 4270	PH 1 jaw pusher with reducing tube for thin mandrels up to 3.2 mm Ø
170	143 5262	PH 2 jaw pusher with reducing tube for thin mandrels up to 2.3 mm Ø
176	143 4311	Universal wrench MSU

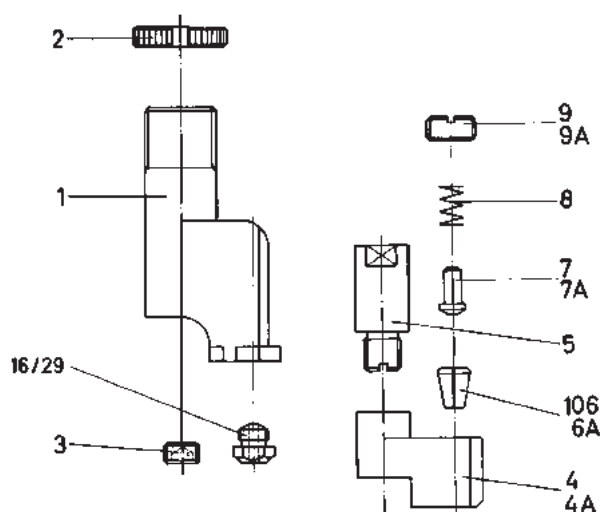
• Wearing parts



Angle head for PH 1 and PH 2

	No.	
1	143 4031	Housing for 3-part jaws
2	143 4032	Knurled nut
3	143 4033	Locking nut
4 •	143 4034	Jaw housing for 3-part jaws
4A •	143 4037	Jaw housing for 2-part jaws
5	143 4035	Lock activator
6A •	143 4071	Jaws (2-part) per set
106 •	143 4103	Jaws (3-part) per set
7 •	144 5256	Jaw pusher for 3-part jaws
7A •	143 4038	Jaw pusher for 2-part jaws
8 •	144 5257	Compression spring
9	143 4036	Plug for 3-part jaws
9A	143 4039	Plug for 2-part jaws
16/18 •	143 4285	Nosepiece
16/24 •	143 4288	Nosepiece
16/27 •	143 4289	Nosepiece
16/29 •	143 4290	Nosepiece
16/32 •	143 4291	Nosepiece

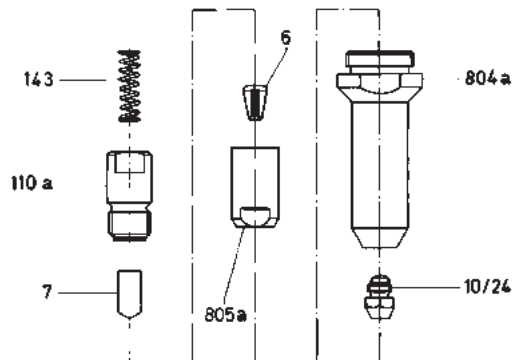
• Wearing parts



Small jaw assembly for PH 1 and PH 2

	No.	
6 •	143 4071	Jaws (2-part) per set
7 •	143 4242	Jaw pusher
10/18 •	143 4055	Nosepiece
10/24 •	143 4061	Nosepiece
10/27 •	143 4062	Nosepiece
10/29 •	143 4064	Nosepiece
10/32 •	143 4065	Nosepiece
71	143 4270	PH 1 jaw pusher with reducing tube for 2.4 mm Ø Al and 3.2 mm Ø CAP® blind rivets
110 a	143 4345	Jaw adapter
143 •	144 5314	Compression spring
804 a	143 4346	Steel head sleeve
805 a •	143 4344	Jaw housing

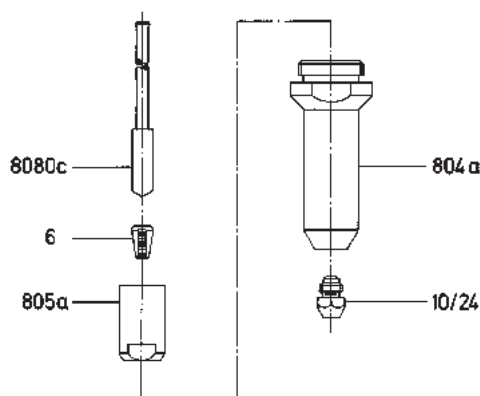
• Wearing parts



Small jaw assembly for PH 2000

	No.	
6 •	143 4071	Jaws (2-part) per set
10/18 •	143 4055	Nosepiece
10/24 •	143 4061	Nosepiece
10/27 •	143 4062	Nosepiece
10/29 •	143 4064	Nosepiece
10/32 •	143 4065	Nosepiece
804 a	143 4346	Steel head sleeve
805 a •	143 4344	Jaw housing
8080 c •	143 4169	Jaw pusher with nozzle tube

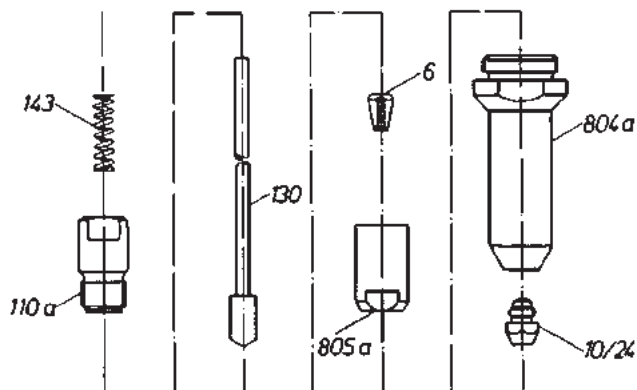
• Wearing parts



Small jaw assembly for PH-Axial

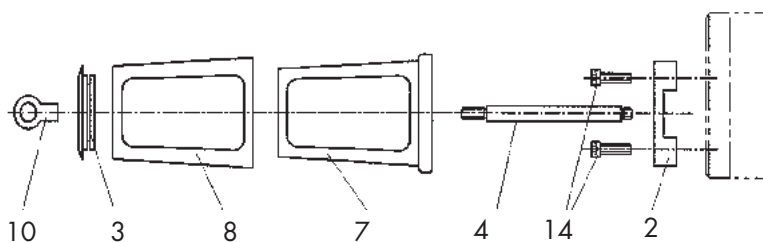
	No.	
298	145 8075	Small jaw assembly complete with nosepiece 10/24 (optionally also with 10/18, 10/27, 10/29, 10/32)
6 •	143 4071	Jaws (2-part) per set
10/18 •	143 4055	Nosepiece
10/24 •	143 4061	Nosepiece
10/27 •	143 4062	Nosepiece
10/29 •	143 4064	Nosepiece
10/32 •	143 4065	Nosepiece
110 a	143 4345	Jaw adapter
143 •	144 5314	Compression spring
804 a	143 4346	Head
805 a •	143 4344	Jaw housing
130 •	143 6131	Jaw pusher with reducing tube for blind rivets up to 4 mm Ø and Al and Cu

• Wearing parts



Spent mandrel container for PH-Axial

	No.	
2	143 6120	Adapter
3	143 6121	Cover
4	143 6122	Stud bolt
7	143 6127	Container
8	143 6128	Casing
10	143 6129	Ring eye M6
14	144 6165	Allen screw
	145 8065	Spent mandrel container, complete for PH-Axial

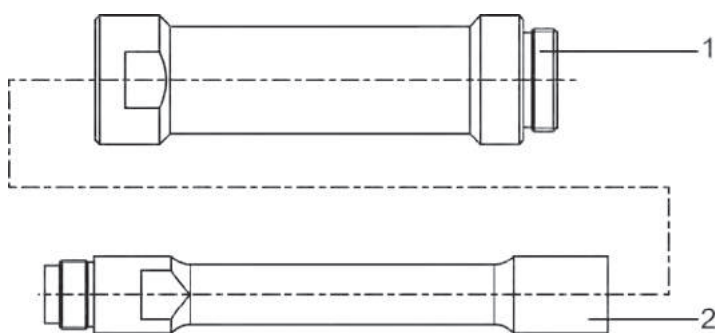


PH1/PH2 extension unit 100 mm

Two-part for PH 1 and PH 2:

Article no. 145 6779

	No.	
1	143 4164	Extension sleeve
2	143 4166	Extension piece

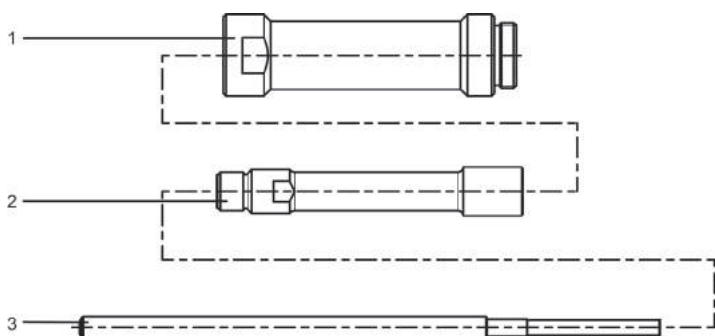


PH 2000 extension unit 100 mm

Three-part for PH 2000:

Article no. 145 6765

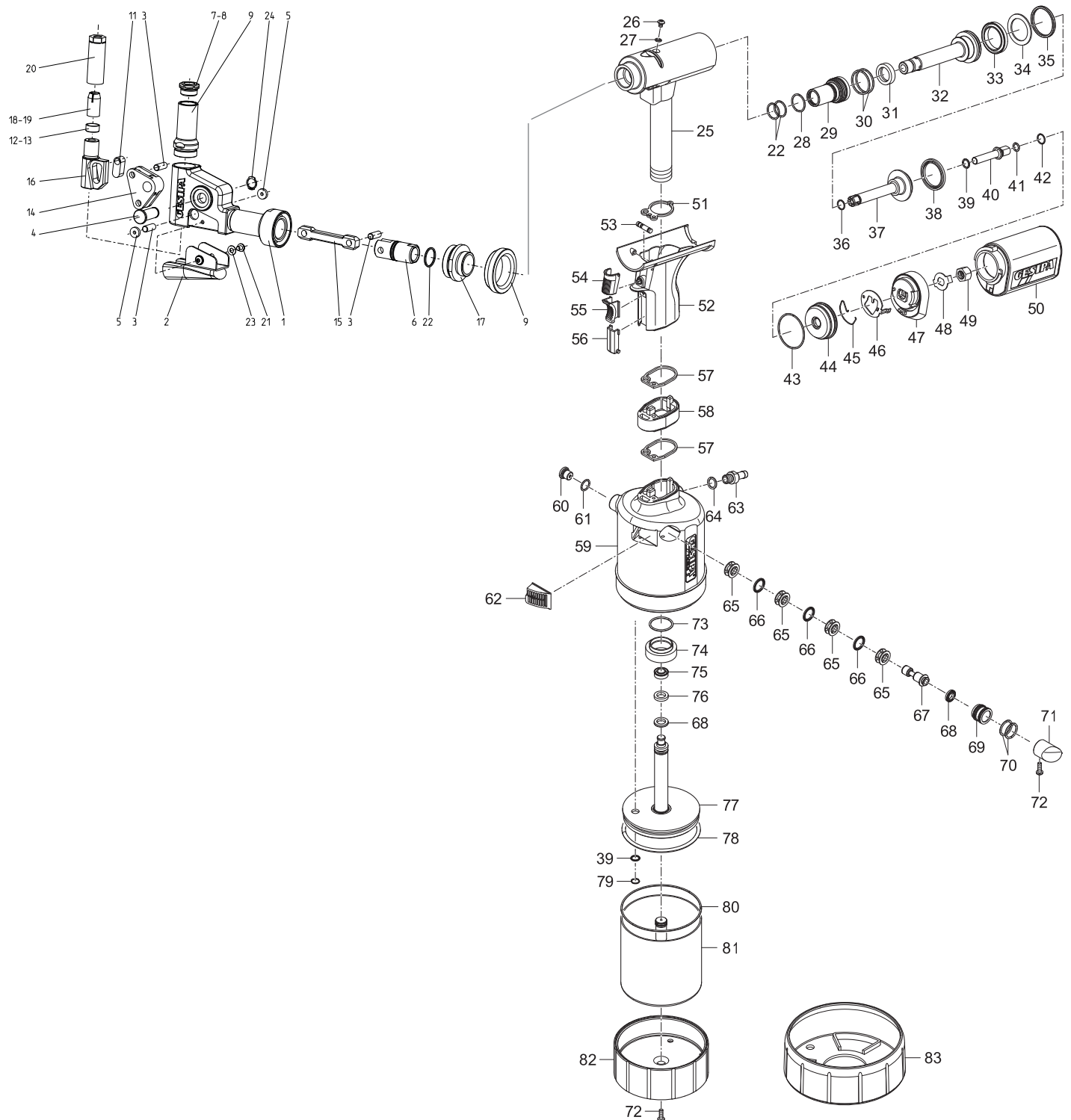
	No.	
1	143 4164	Extension sleeve
2	143 4165	Extension piece
3	143 4170	Jaw pusher with nozzle tube



LOCKBOLT SETTING TOOLS

TAURUS® 4 SRB with angle head 90°

for 6.4mm (1/4") C6L and Magna-Grip® lockbolts



The suitability of nosepiece and fastener needs to be tested by the user and is user's own responsibility!

LOCKBOLT SETTING TOOLS

TAURUS® 4 SRB with angle head 90°

for 6.4mm (1/4") C6L and Magna-Grip® lockbolts

	No.	
1	145 0977	Housing unit
2	145 0970	Protecting cap
3	143 5908	Bolt
4	143 5911	Bolt
5	143 5914	Spacer
6	143 5919	Fork head
7	143 5993	Nosepiece C6L
8	143 5942	Nosepiece Magna-Grip®
9	143 5952	Ring
10	143 5994	Steel head sleeve
11	143 5935	Piece
12	143 5995	Supporting ring C6L
13	143 5943	Supporting ring Magna-Grip®
14	143 5936	Angle
15	143 5938	Lock activator
16	143 5996	Lock activator
17	143 5959	Adapter
18	144 6116	Insertion tool C6L
19	144 6105	Insertion tool Magna-Grip®
20	143 5997	Housing
21	144 6013	Screw
22	144 6012	O-ring
23	144 5716	Washer
24	144 5545	Snap ring
25	145 7992	Tool head, assembled
26	144 6013	Oil screw plug
27	143 5612	Sealing ring M4
28 •	143 5629	O-ring
29	143 5681	Seal holder, complete
30 •	143 4227	O-ring
31 •	143 5630	Rod seal
32	143 5631	Draw bar
33 •	143 5632	Piston seal
34 •	143 5488	Supporting ring
35 •	143 5485	Piston seal
36	143 5671	O-ring
37	145 7746	Resetting piston, complete
38 •	143 5633	Piston seal
39	143 5635	Rod seal
40	143 5765	Connecting piece
41	143 5519	O-ring
42	144 6167	Snap ring

	No.	
43	143 5524	O-ring
44	143 5532	End cap
45	144 6028	Retaining spring
46	143 5664	Retainer
47	143 5663	Adapter
48	143 5842	Lock washer
49	143 5766	Connecting piece nut
50	143 5964	Spent mandrel container, complete
51 •	143 5472	Flat gasket 1
52	145 7748	Griffstück komplett
53	145 7747	Steuerschieber komplett
54	144 6025	Betätigungsknopf
55	143 5642	Schieber
56	143 5686	Blende
57 •	143 5480	Flat gasket
58	143 5998	Grip, complete
59	145 7993	Air cylinder, complete
60	145 7750	Pressure relief valve
61	143 5484	O-ring
62	145 7956	Silencer
63	143 5667	Connecting nipple
64	144 6030	Sealing ring
65	143 5648	Spacer cage
66	143 5647	Rod seal
67	143 5651	Control piston
68 •	143 5675	Piston seal
69	143 5652	Piston housing
70	143 5688	O-ring
71	144 6100	Stopper
72	144 5773	Housing screw
73	143 5486	O-ring
74	143 5492	Alu nut
75 •	143 6007	Piston seal
76 •	143 6006	Guide ring
77	145 7994	Air piston complete
78 •	143 5937	O-ring
79	144 6082	V-ring
80	143 5927	O-ring
81	145 7995	Cylinder complete
82	143 5874	Bottom
83	143 5900	Rubber foot

• Wearing parts

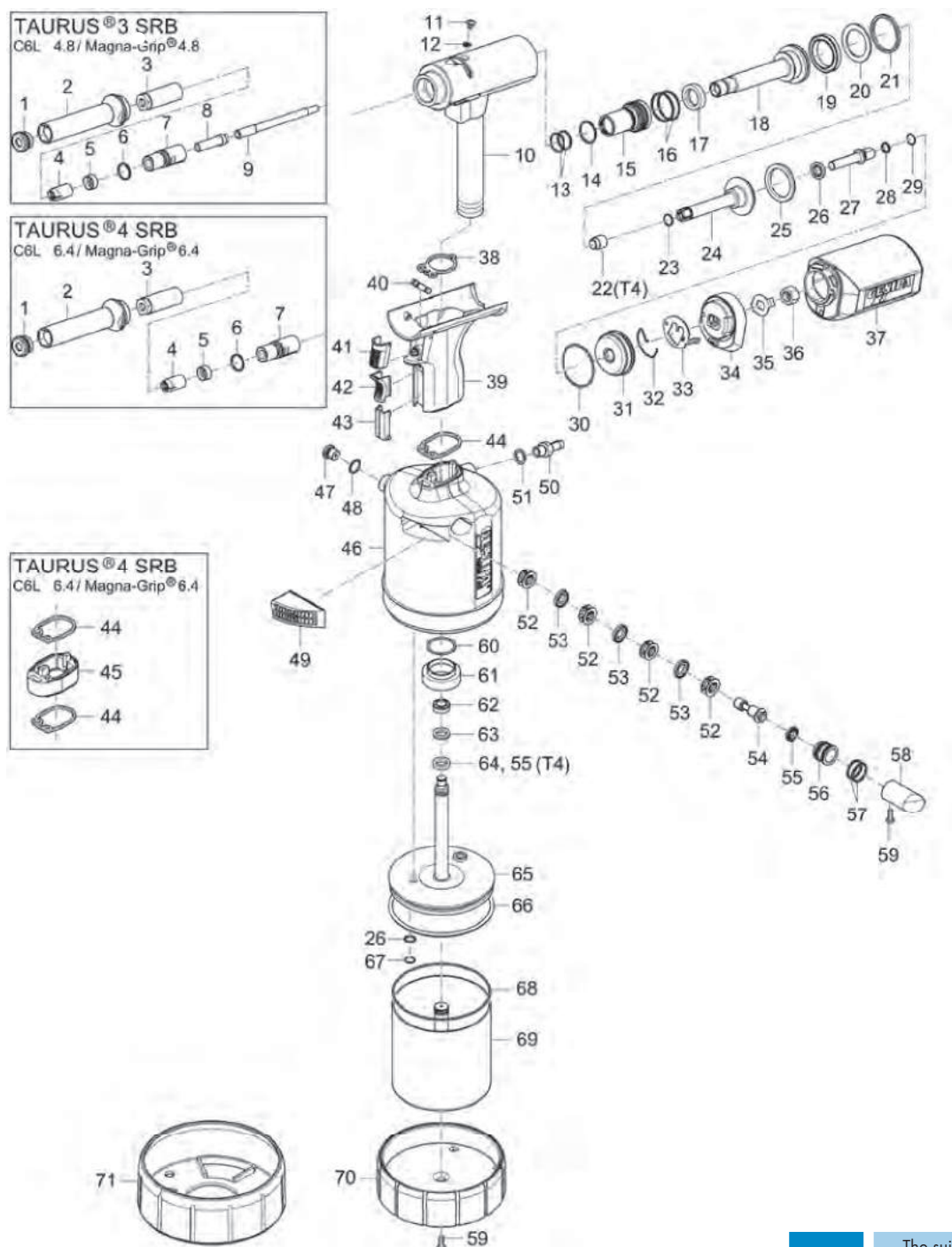
LOCKBOLT SETTING TOOLS

TAURUS® 3 SRB

for 4,8mm (3/16") C6L and Magna-Grip® lockbolts

TAURUS® 4 SRB

for 6,4mm (1/4") C6L and Magna-Grip® lockbolts



! The suitability of nosepiece and fastener needs to be tested by the user and is user's own responsibility!

LOCKBOLT SETTING TOOLS

TAURUS® 3 SRB

for 4,8mm (3/16") C6L and Magna-Grip® lockbolts

TAURUS® 4 SRB

for 6,4mm (1/4") C6L and Magna-Grip® lockbolts

		No.	
1 •	T3	143 4809	Nosepiece C6L
		143 4810	Nosepiece Magna-Grip®
	T4	143 5993	Nosepiece C6L
		143 5942	Nosepiece Magna-Grip®
2		143 5923	Steel head sleeve
3	T3	143 5944	Clamping jaw housing C6L
		143 5945	Clamping jaw housing Magna-Grip®
	T4	143 5997	Clamping jaw housing
4 •	T3	144 6117	Clamping jaw C6L
		144 6118	Clamping jaw Magna-Grip®
	T4	144 6116	Clamping jaw C6L
		144 6105	Clamping jaw Magna-Grip®
5		143 5995	Supporting ring C6L
	T4	143 5943	Supporting ring Magna-Grip®
6		143 6042	O-ring
7		143 5924	Adapter
8	T3	143 5920	Sleeve
9	T3	143 5886	Nozzle tube 3, longe
10	T3	145 7856	Tool head 2, assembled
	T4	145 7992	Tool head 4, assembled
11		144 6013	Oil screw plug
12		143 5612	Sealing ring M4
13		144 6012	O-ring
14		143 5629	O-ring
15		143 5681	Seal holder, complete
16 •		143 4227	O-ring
17		143 5630	Rod seal
18		143 5631	Draw bar
19		143 5632	Piston seal
20		143 5488	Supporting ring
21		143 5485	Piston seal
22	T4	145 0965	Spacer sleeve
23		143 5671	O-ring
24		145 7746	Resetting piston, complete
25		143 5633	Piston seal
26		143 5635	Rod seal
27		143 5765	Connecting piece 2/3
28		143 5519	O-ring
29		144 6167	Snap ring
30		143 5524	O-ring
31		143 5532	End cap
32		144 6028	Retaining spring
33		143 5664	Retainer
34		143 5663	Adapter
35		143 5842	Lock washer
36		143 5766	Connecting piece nut 2/3
37		143 5964	Spent mandrel container, complete
38		143 5472	Flat gasket 1
39		145 7748	Grip, complete
40		145 7747	Distributing valve, complete
41		144 6025	Activation button
42		143 5642	Slider
43		143 5686	Orifice
44		143 5480	Flat gasket 2

		No.	
45	T4	143 5998	Grip extension
46	T3	145 0960	Air cylinder 3, complete
	T4	145 0996	Air cylinder 4, complete
47		145 7750	Pressure relief valve, complete
48		143 5484	O-ring
49		145 7956	Silencer 3, complete
50		143 5667	Connecting nipple
51		144 6030	Sealing ring
52		143 5648	Spacer cage
53		143 5647	Rod seal
54		143 5651	Control piston
55		143 5675	Piston seal
56		143 5652	Piston housing
57		143 5688	O-ring
58		144 6100	Stopper 3
59		144 5773	Housing screw short
60		143 5486	O-ring
61		143 5492	Al nut
62	T3	143 5841	Piston seal
	T4	143 6007	Piston seal
63	T3	143 5825	Guide ring 2
	T4	143 6006	Guide ring 4
64	T3	143 5670	Piston seal
65	T3	145 7952	Air piston 3, complete
	T4	145 7994	Air piston 4, complete
66		143 5937	O-ring
67		144 6082	V profile ring
68		143 5927	O-ring
69	T3	145 7953	Cylinder 3, complete
	T4	145 7995	Cylinder 4, complete
70		143 5874	Bottom 3
71		143 5900	Rubber foot 3 - 4
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

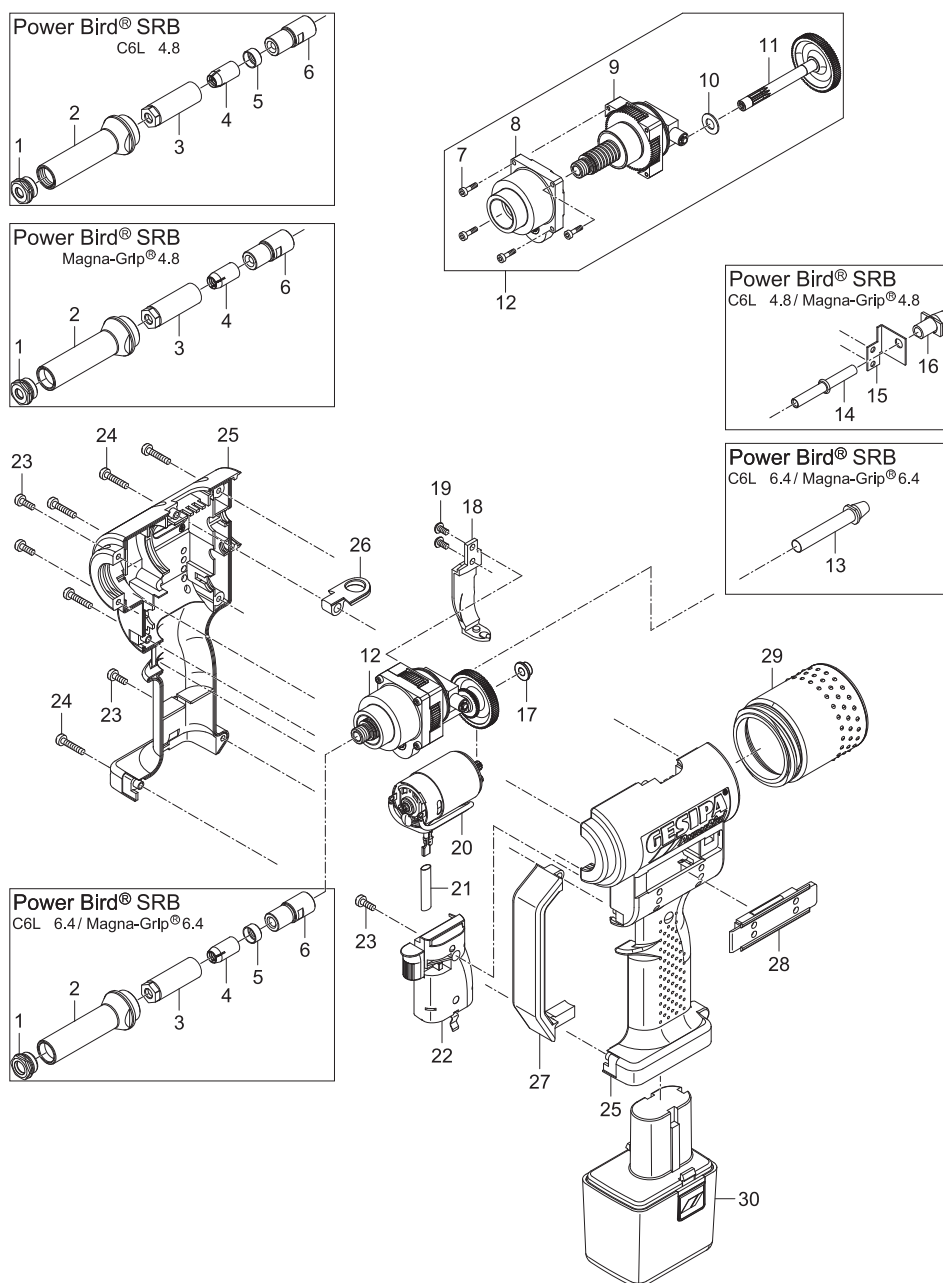


The suitability of nosepiece and fastener needs to be tested by the user and is user's own responsibility!

LOCKBOLT SETTING TOOLS

PowerBird® SRB

for 4.8mm (3/16") C6L and Magna-Grip® lockbolts
for 6.4mm (1/4") C6L and Magna-Grip® lockbolts



The suitability of nosepiece and fastener needs to be tested by the user and is user's own responsibility!

LOCKBOLT SETTING TOOLS

PowerBird® SRB

for 4.8mm (3/16") C6L and Magna-Grip® lockbolts
for 6.4mm (1/4") C6L and Magna-Grip® lockbolts

		No.	
1	4.8	143 4809	Nosepiece C6L
		143 4810	Nosepiece Magna-Grip®
	6.4	143 5993	Nosepiece C6L
		143 5942	Nosepiece Magna-Grip®
2	4.8 + 6.4	143 4811	Steel head sleeve
3	4.8	143 5944	Clamping jaw housing C6L
		143 5945	Clamping jaw housing Magna-Grip®
	6.4	143 5997	Clamping jaw housing
4	4.8	144 6117	Clamping jaw C6L
		144 6118	Clamping jaw Magna-Grip®
	6.4	144 6116	Clamping jaw C6L
		144 6105	Clamping jaw Magna-Grip®
5	4.8 + 6.4	143 5995	Supporting ring C6L
	6.4	143 5943	Supporting ring Magna-Grip®
6	4.8	143 4812	Adapter
	6.4	143 4813	Adapter
7		144 5768	Allen screw
8		143 5027	Bearing complete
9	4.8	143 4867	Ball screw drive, assembled
	6.4	143 5079	Ball screw drive, assembled
10		143 4967	Washer
11	4.8	143 5028	Pinion shaft complete
	6.4	143 5088	Pinion shaft complete
12	4.8	145 0612	Drive complete
	6.4	145 0613	Drive complete
13		143 4808	End tube
14	6.4	143 4871	PB tube
15	6.4	143 4873	Angle
16	6.4	143 4874	P tube short
17		144 5763	Sintered-metal bushing
18		143 5031	Holder
19		144 5769	Fillister head screw
20		143 4862	Motor
21		144 5774	Hose, Silikon
22	4.8	143 4893	E-Control
	6.4	143 5020	E-Control
23		144 5773	Screw
24		144 5772	Screw
25		143 4845	Housing, complete
26		143 5416	Hanger
27		143 4953	Protection bracket
28		143 5062	Cover
29		143 5032	Spent mandrel container, complete
30		143 4923	Accu



The suitability of nosepiece and fastener needs to be tested by the user and is user's own responsibility!

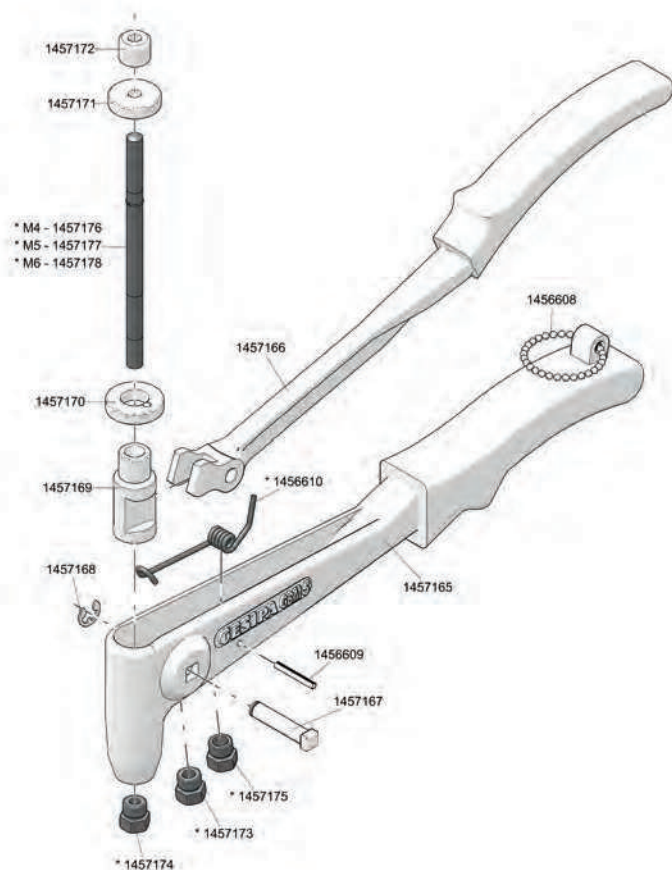
BLIND RIVET HAND NUT SETTING TOOLS

GBM 5

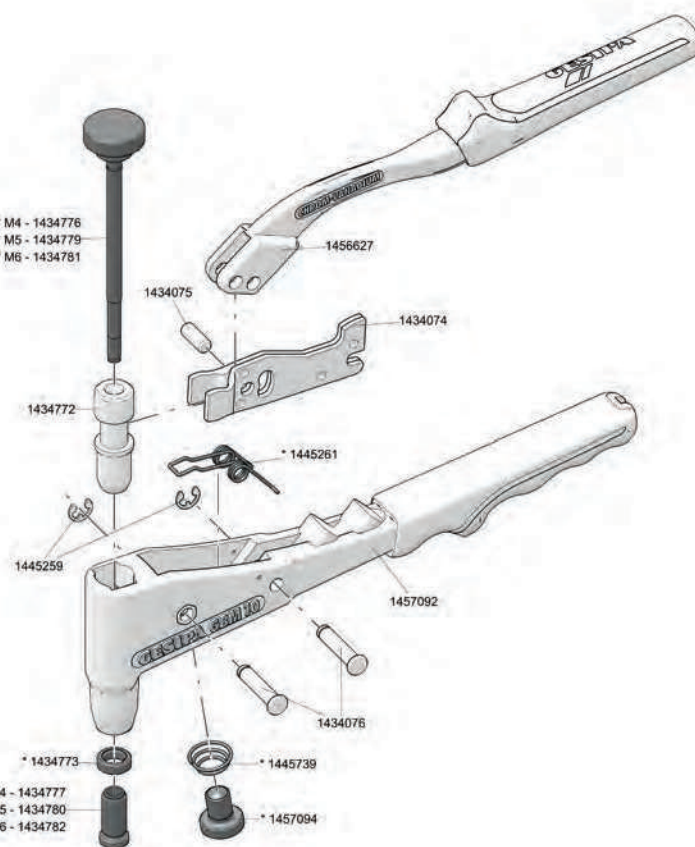
No.	
145 7165	Tool housing
145 7166	Tool shanks
145 7167	Bolt
145 7168	Snap ring
145 6608	Strap
145 6609	Spring dowel sleeve
145 6610	Self opening spring
145 7169	Lock activator
145 7170	Adjusting ring
145 7171	Knurled nut
145 7172	Locking nut
145 7173	Nosepiece M 4
145 7174	Nosepiece M 5
145 7175	Nosepiece M 6
145 7176	Threaded mandrel M 4
145 7177	Threaded mandrel M 5
145 7178	Threaded mandrel M 6

GBM 10

No.	
143 4074	Lever
143 4075	Bolt
143 4076	Bolt
143 4772	Lock activator
143 4773	Locking nut
143 4776	Threaded mandrel M 4
143 4777	Nosepiece M 4 and 8-32"
143 4779	Threaded mandrel M 5
143 4780	Nosepiece M 5 and 10-32"
143 4781	Threaded mandrel M 6
143 4782	Nosepiece M 6 and 1/4-20"
144 5259	Snap ring
144 5261	Self opening spring
144 5739	Conical spring
145 6627	Tool shanks with sleeve grip
145 7092	Tool housing with sleeve grip



* Wearing parts



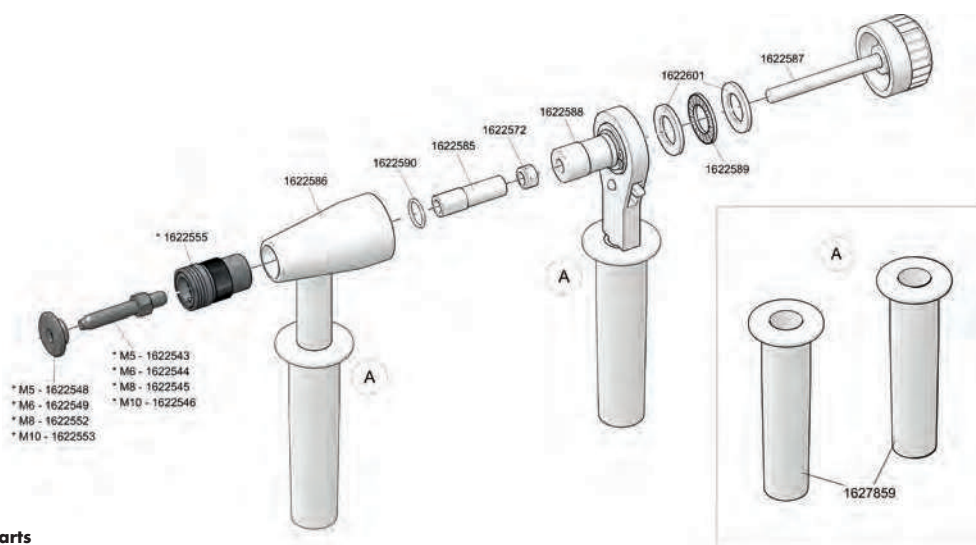
* M4 - 1434777
* M5 - 1434780
* M6 - 1434782

BLIND RIVET HAND NUT SETTING TOOLS

GBM 40-R

No.	
162 2543	Threaded mandrel M5
162 2544	Threaded mandrel M6
162 2545	Threaded mandrel M8
162 2546	Threaded mandrel M10
162 2548	Nosepiece-bit M5
162 2549	Nosepiece-bit M6
162 2552	Nosepiece-bit M8
162 2553	Nosepiece-bit M10
162 2555	Nosepiece complete

No.	
162 2572	Locking nut
162 2585	Connecting sleeve
162 2586	Housing with slide block, lever and grip
162 2587	Turning handle
162 2588	Ratchet with Sleeve grip
162 2589	Needle bearing
162 7859	Sleeve grip
162 2590	O-ring
162 2601	Sliding disc



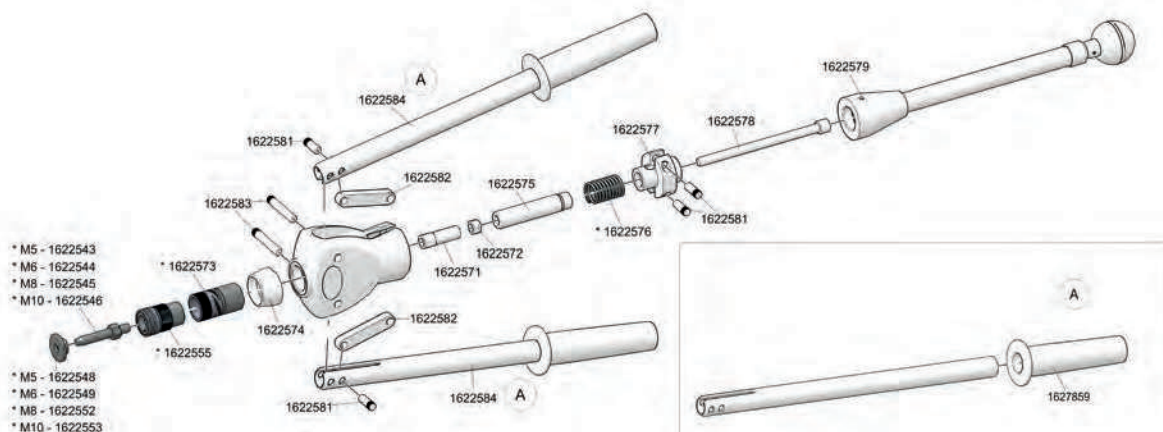
* Wearing parts

GBM 50

No.	
162 2543	Threaded mandrel M5
162 2544	Threaded mandrel M6
162 2545	Threaded mandrel M8
162 2546	Threaded mandrel M10
162 2548	Nosepiece-bit M5
162 2549	Nosepiece-bit M6
162 2552	Nosepiece-bit M8
162 2553	Nosepiece-bit M10
162 2555	Nosepiece complete

No.	
162 2571	Connecting sleeve
162 2572	Locking nut
162 2573	Adjusting sleeve
162 2574	Steel head sleeve
162 2575	Guide sleeve
162 2576	Spring
162 2577	Closure screw
162 2578	Shaft
162 2579	Shaft complete

No.	
162 2581	Bolt
162 2582	Radial bearing
162 2583	Bolt
162 2584	Lever with Sleeve grip
162 6916	Threaded mandrel M3
162 7859	Sleeve grip



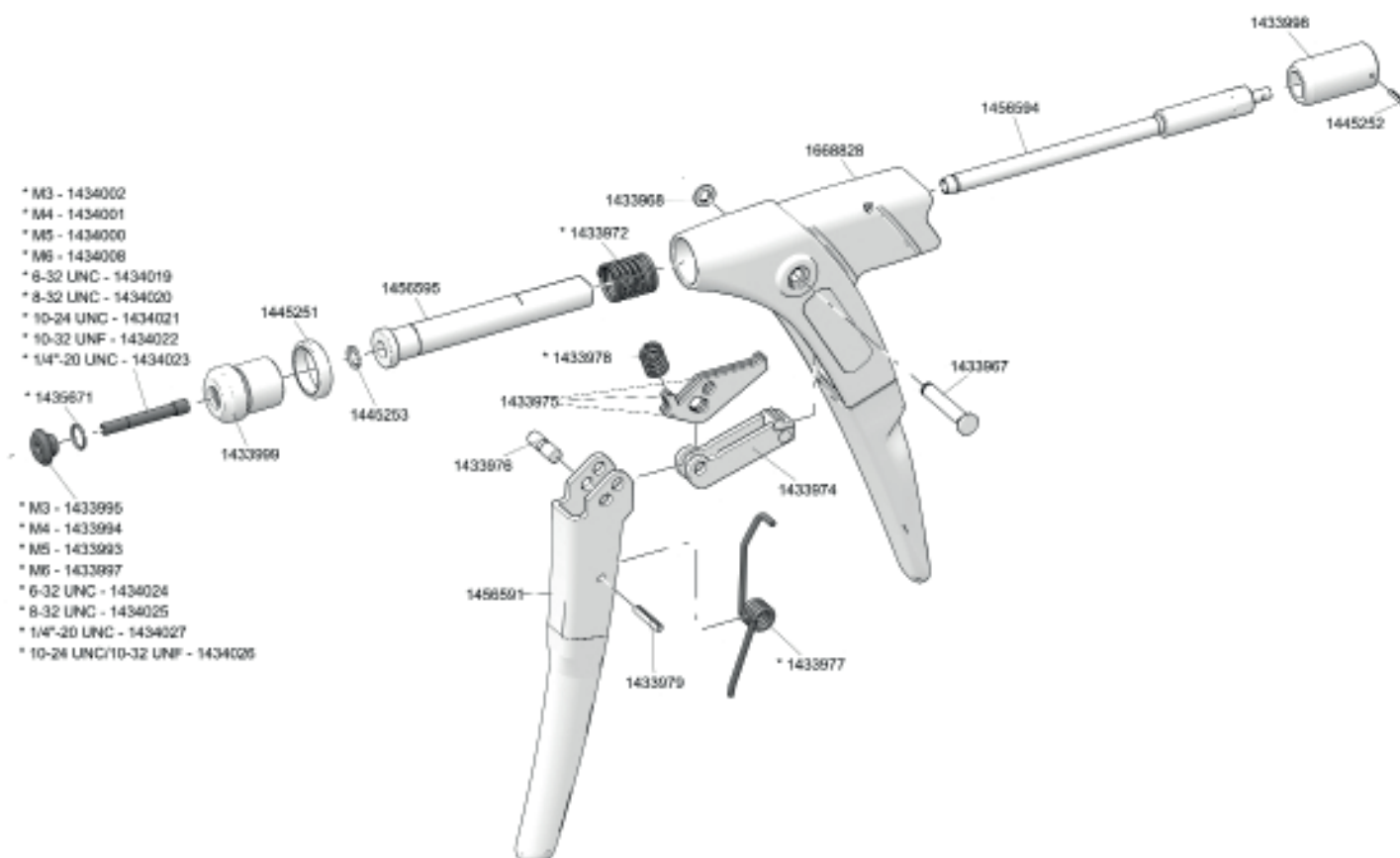
* Wearing parts

BLIND RIVET HAND NUT SETTING TOOLS

FireFly

No.	
143 3967	Pivot bolt
143 3968	Snap ring
143 3972	Return spring
143 3974	Drive pawl
143 3975	Storage finger (3-part) per set
143 3976	Bolt
143 3977	Self opening spring
143 3978	Retaining spring
143 3979	Spring dowel sleeve
143 3993	Nosepiece-bit
143 3994	Nosepiece-bit
143 3995	Nosepiece-bit
143 3997	Nosepiece-bit
143 3998	Knurled handle
143 3999	Nosepiece
143 4000	Threaded mandrel
143 4001	Threaded mandrel
143 4002	Threaded mandrel

No.	
143 4008	Threaded mandrel
143 4019	Threaded mandrel
143 4020	Threaded mandrel
143 4021	Threaded mandrel
143 4022	Threaded mandrel
143 4023	Threaded mandrel
143 4024	Nosepiece-bit
143 4025	Nosepiece-bit
143 4026	Nosepiece-bit
143 4027	Nosepiece-bit
143 5671	O - ring
144 5251	Knurled nut
144 5252	Clamping sleeve
144 5253	Snap ring
145 6591	Actuating lever with Sleeve grip
145 6594	Adjustment unit
145 6595	Lock activator complete
166 8828	Housing



* Wearing parts

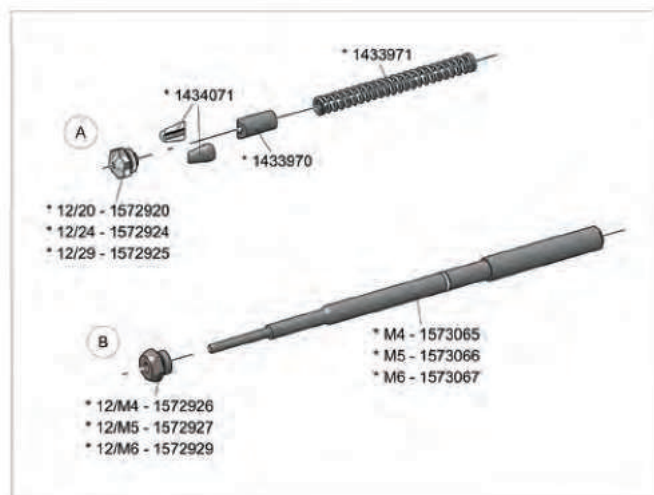
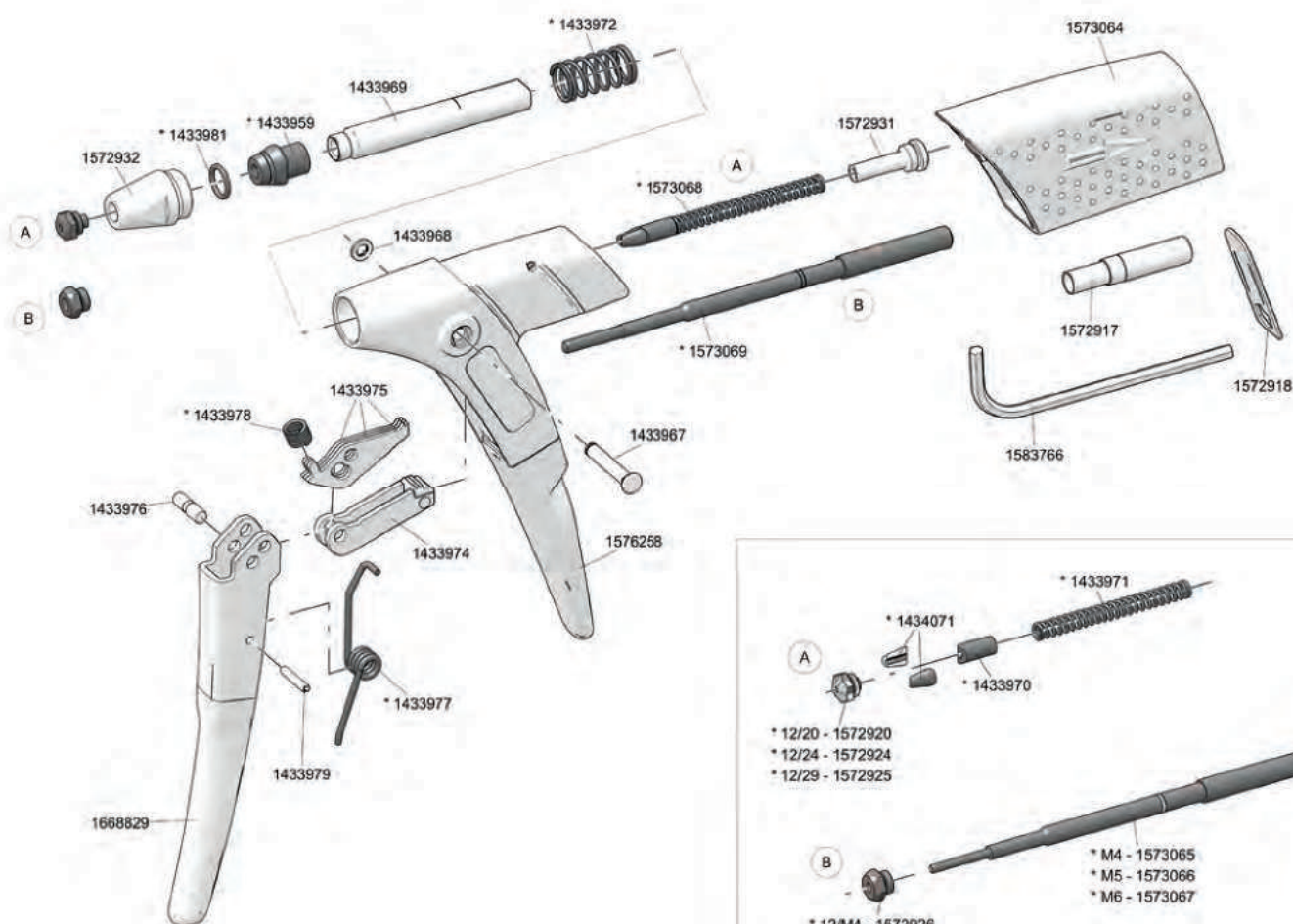
BLIND RIVET HAND NUT SETTING TOOLS

Flipper® Plus

No.	
143 3959	Jaw housing
143 3967	Pivot bolt
143 3968	Snap ring
143 3969	Lock activator
143 3970	Jaw Pusher
143 3971	Compression spring
143 3972	Compression spring
143 3974	Drive pawl
143 3975	Storage finger (3-part) per set
143 3976	Bolt
143 3977	Self opening spring
143 3978	Retaining spring
143 3979	Spring dowel sleeve
143 3981	O-ring
143 4071	Jaws (2-part)
157 2917	Assembly aid
157 2918	Assembly key

No.	
157 2920	Nosepiece 12/20
157 2924	Nosepiece 12/24
157 2925	Nosepiece 12/29
157 2926	Nosepiece M4
157 2927	Nosepiece M5
157 2929	Nosepiece M6
157 2931	Closure screw
157 2932	Steel head sleeve
157 3064	Spent mandrel container
157 3065	Draw bar M4
157 3066	Draw bar M5
157 3067	Draw bar M6
157 3068	Jaw mechanism
157 3069	Jaw mechanism
157 6258	Housing with slide block, lever and grip
158 3766	Hexagon key
166 8829	Actuating lever

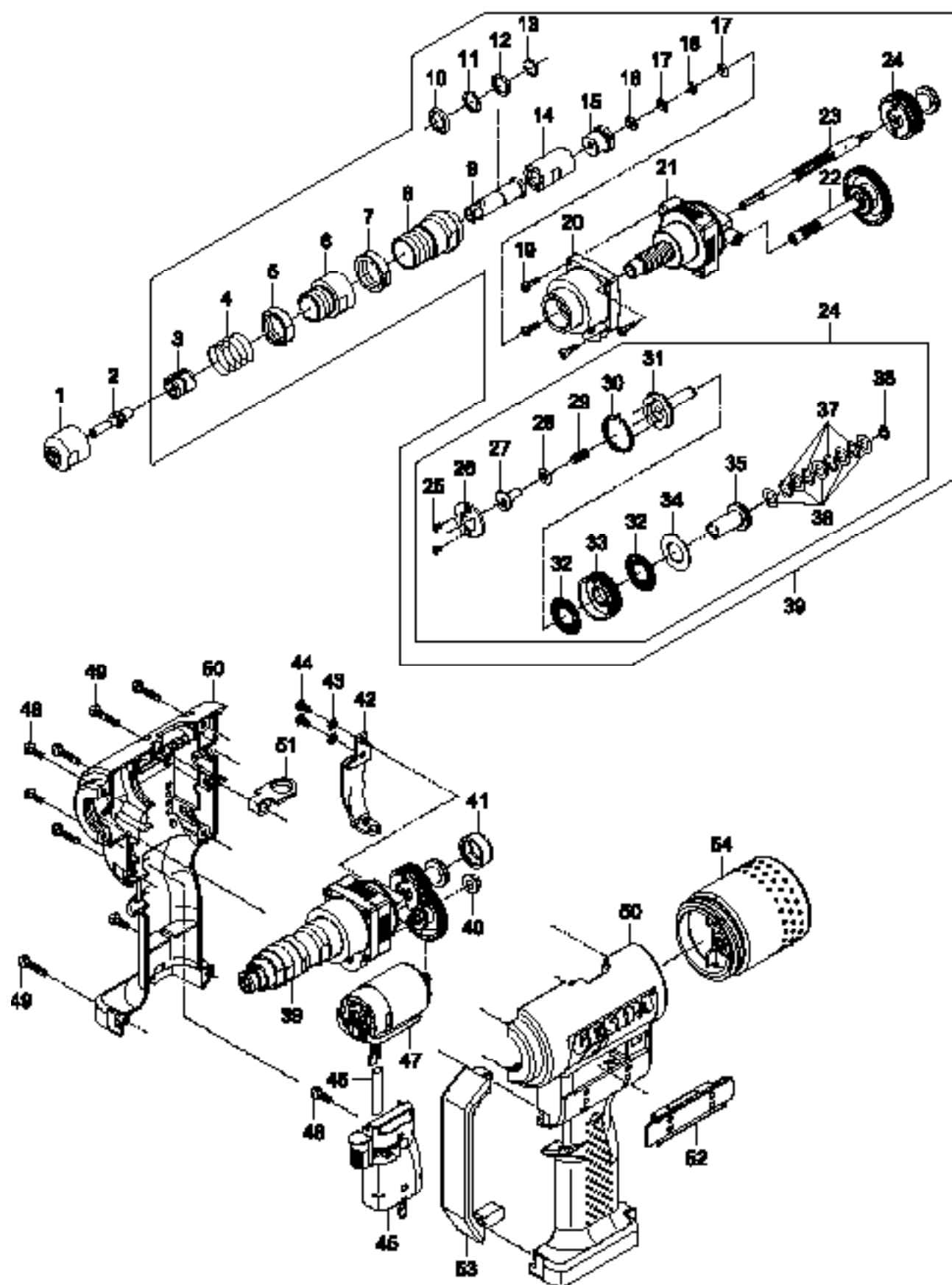
You will find detailed nosepiece allocation tables on page 134.



* Wearing parts

BATTERY POWERED BLIND RIVET NUT SETTING TOOLS

FireBird®



BATTERY POWERED BLIND RIVET NUT SETTING TOOLS

FireBird®

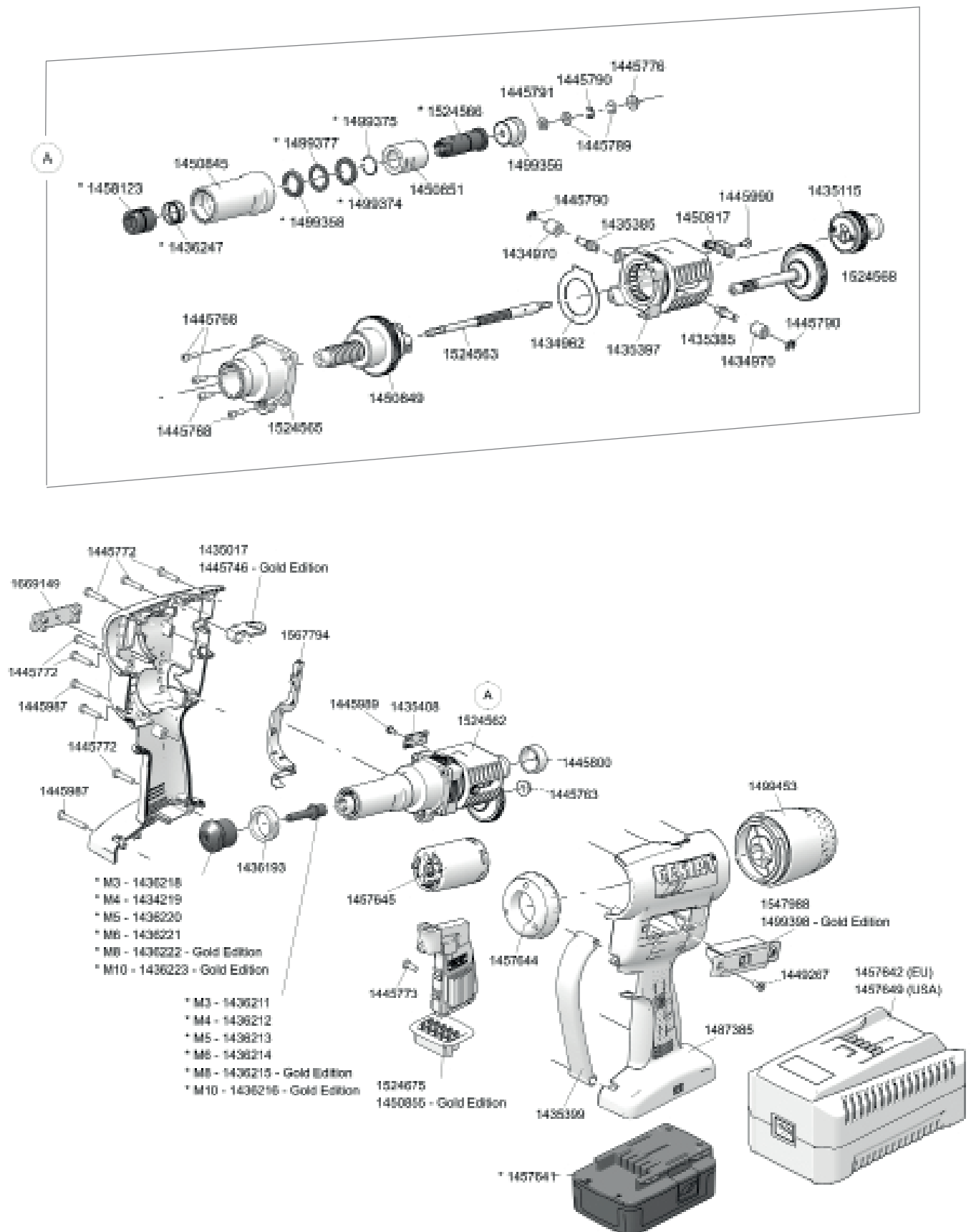
	No.	
1 •	143 5065	Nosepiece M 3
	143 5066	Nosepiece M 4
	143 5093	Nosepiece 8 - 32 UNC
	143 5067	Nosepiece M 5
	143 5094	Nosepiece 10 - 32 UNF
	143 5068	Nosepiece M 6
	143 5095	Nosepiece 1/4" - 16 UNC
	143 5069	Nosepiece M 8 and 5/16" - 18UNC
	143 5070	Nosepiece M 10
2 •	145 7459	Nosepiece 3/8" - 16 UNC
	143 5052	Threaded mandrel M 3
	143 5055	Threaded mandrel M 4
	143 5090	Threaded mandrel 8 - 32 UNC
	143 5056	Threaded mandrel M 5
	143 5091	Threaded mandrel 10 - 32 UNC
	143 5059	Threaded mandrel M 6
	143 5092	Threaded mandrel 1/4" - 20 UNC
	143 5063	Threaded mandrel M 8
	145 7457	Threaded mandrel 5/16" - 18 UNC
3	143 5064	Threaded mandrel M 10
	145 7458	Threaded mandrel 3/8" - 16 UNC
	143 5053	Slider
	144 5805	Compression spring
	143 5073	Locking nut 2
	143 5124	Adjusting sleeve
	143 5074	Locking nut 1
	143 5075	Head
	143 5076	Driver complete
	143 5122	Bevel washer
	144 5804	Washer
	143 5120	Lock washer
	144 5823	Snap ring
	143 5077	Lock activator
	143 5078	Spacer
	144 5791	Washer
	144 5789	Washer
	144 5790	Lock washer
	144 5768	Allen screw
	143 5027	Bearing, complete
	143 5079	Ball screw drive
	143 5088	Pinion shaft
	143 5080	Rotating rod, complete

	No.	
24	143 5115	Coupling complete
25	144 5792	Countersunk screw
26	143 5081	Plate
27	143 5082	rotary driver
28	143 5083	Washer
29	144 5793	Compression spring
30	143 5084	Wrap spring
31	143 5085	Shaft
32	144 5794	Axial needle bearing
33	143 5086	Coupling
34	144 5795	Axial disc
35	152 4564	Bushing
36	144 5797	Washer
37	144 5798	Spring washer
38	144 5799	Snap ring
39	145 7455	Drive unit, complete
40	144 5763	Sintered-metal bushing
41	144 5800	Cap
42	143 5031	Magnetic holder
43	144 5770	Spring washer
44	144 5769	Magnetic holder screw
45	145 7456	E-control
46	144 5774	Hose complete
47 •	143 5030	Motor complete
	143 4862	Motor complete Gold Edition
48	144 5773	Housing screw short short
49	144 5772	Housing screw short long
50	143 4845	Housing complete
51	143 5017	Hanger
	144 5746	Hanger Gold Edition
52	154 1150	Cover
53	143 4953	Hoop guard
54	143 5071	Accessories magazine
	144 5803	Hexagon screwdriver
		Threaded mandrel SL
		Nosepiece SL
	144 5806	Double open-end spanner SW 24/27

• Wearing parts

BATTERY POWERED BLIND RIVET NUT SETTING TOOLS

FireBird® Pro and FireBird® Pro Gold Edition



* Wearing parts

BATTERY POWERED BLIND RIVET NUT SETTING TOOLS

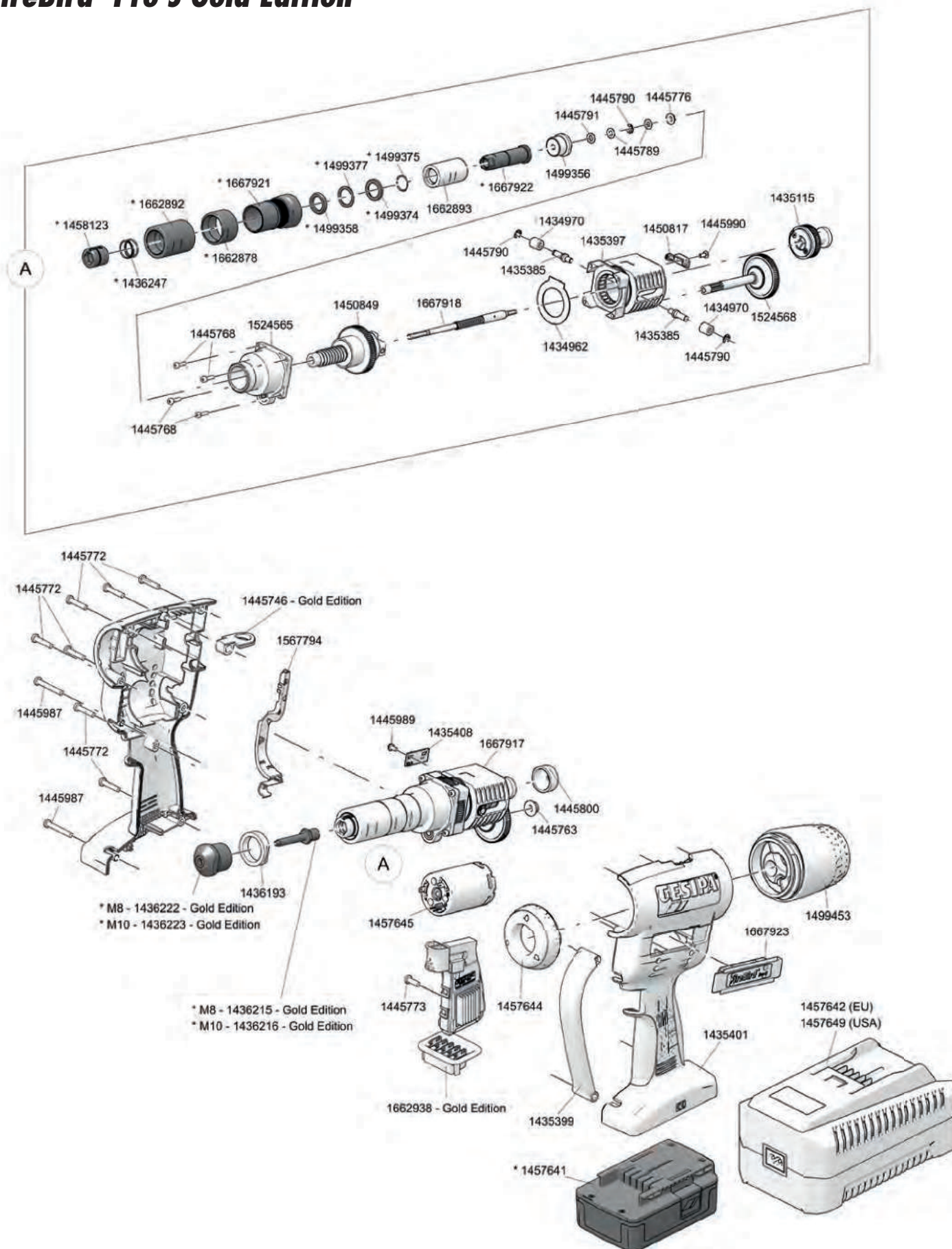
FireBird® Pro and FireBird® Pro Gold Edition

No.	
143 4962	Pressure disc
143 4970	Sintered metal roller
143 5017	Hanger FireBird® Pro
143 5082	Rotary driver
143 5083	Washer
143 5084	Wrap spring
143 5085	Shaft
143 5086	Coupling
143 5115	Coupling complete
143 5385	Pin holder
143 5397	Bearing cage
143 5399	Device hanger
143 5408	Hall pcb
143 6193	Locking nut
143 6211	Threaded mandrel M3
143 6212	Threaded mandrel M4
143 6213	Threaded mandrel M5
143 6214	Threaded mandrel M6
143 6215	Threaded mandrel M8
143 6216	Threaded mandrel M10
143 6218	Nosepiece M3
143 6219	Nosepiece M4
143 6220	Nosepiece M5
143 6221	Nosepiece M6
143 6222	Nosepiece M8
143 6223	Nosepiece M10
143 6247	Spring
144 5746	Hanger FireBird® Pro Gold Edition
144 5763	Sintered-metal bushing
144 5768	Screw
144 5772	Screw
144 5773	Screw
144 5776	Plain bearings
144 5789	Washer
144 5790	Snap ring
144 5791	Washer
144 5793	Spring
144 5794	Needle bearing
144 5795	Axial disc
144 5797	Washer

No.	
144 5798	Spring washer
144 5799	Snap ring
144 5800	Cap
144 5987	Screw
144 5989	Screw
144 5990	Screw
144 9267	Screw
145 0817	Magnetic holder complete
145 0845	Head
145 0849	Ball screw drive
145 0851	Lock activator
145 0855	Control FireBird® Pro Gold Edition
145 7641	Battery
145 7642	Battery charger EU
145 7644	Light, complete
145 7645	Motor
145 7649	Battery charger USA
145 8123	Slider complete
148 7385	Housing, complete
149 9356	Spacer
149 9358	Bevel washer
149 9374	Lock washer
149 9375	Snap ring
149 9377	Washer
149 9398	Setting force control FireBird® Pro Gold Edition
149 9453	Accessories magazine
152 4562	Drive unit, complete
152 4563	Rotating rod, complete
152 4564	Coupling bush assy
152 4565	Bearing, complete
152 4566	Driver
152 4568	Pinion shaft
152 4675	Control FireBird® Pro
154 7988	Setting force control FireBird® Pro
156 7794	Cable duct
166 9149	Sticker

BATTERY POWERED BLIND RIVET NUT SETTING TOOLS

FireBird® Pro S Gold Edition



* Wearing parts

BATTERY POWERED BLIND RIVET NUT SETTING TOOLS

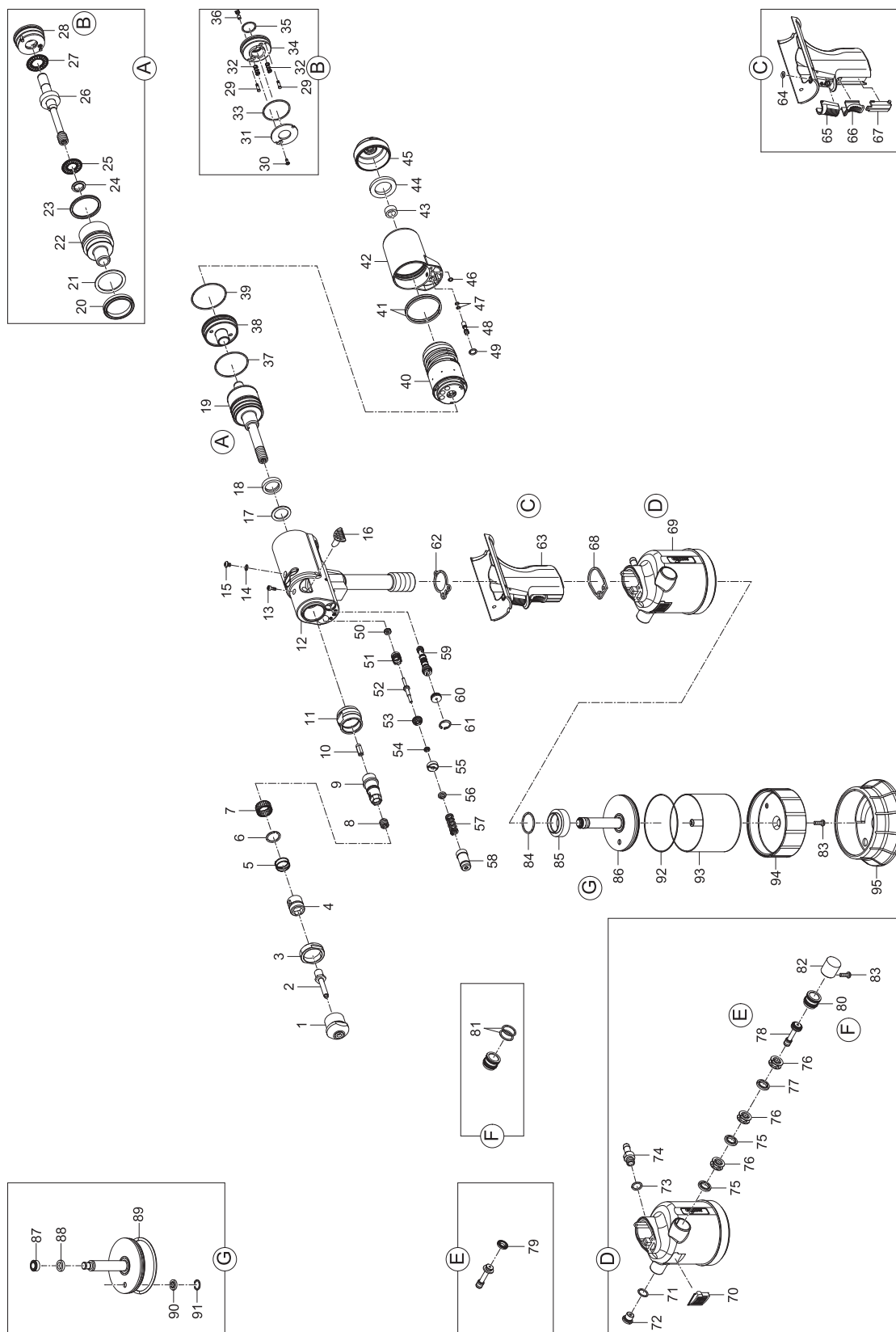
FireBird® Pro S Gold Edition

No.	
143 4962	Pressure disc
143 4970	Sintered metal roller
143 5115	Coupling complete
143 5385	Pin
143 5397	Bearing cage
143 5399	Device hanger
143 5401	Housing complete
143 5408	LED plate
143 6193	Locking ring
143 6215	Threaded mandrel M8
143 6216	Threaded mandrel M10
143 6222	Nosepiece M8
143 6223	Nosepiece M10
143 6247	Spring
144 5746	Hanger Gold Edition
144 5763	Sintered-metal bushing
144 5768	Allen screw
144 5772	Screw
144 5773	Screw
144 5776	Plain bearings
144 5789	Washer
144 5790	Snap ring
144 5791	Washer
144 5800	Cap
144 5987	Screw
144 5989	Screw
145 0817	Magnetic holder
145 0849	Ball screw drive
145 5990	Screw
145 7641	Battery
145 7642	Battery charger EU
145 7644	Light, complete

No.	
145 7645	Motor
145 7649	Battery charger USA
145 8123	Slider complete
149 9356	Spacer
149 9374	Washer
149 9375	Snap ring
149 9377	Washer
149 9453	Accessories magazine
149 9358	Washer
152 4565	Bearing
152 4568	Pinion shaft
156 7794	Cable duct
166 2878	Adjusting nut
166 2892	Adjusting sleeve
166 2893	Lock activator
166 2938	Control Gold Edition
166 7917	Drive unit, complete
166 7918	Rotating rod
166 7921	Head
166 7922	Driver
166 7923	Cover

HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

Firefox® 1 F



HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 1 F

	No.	
1 •	143 6218	Nosepiece M 3
	143 6219	Nosepiece M 4
	143 6220	Nosepiece M 5
	143 6221	Nosepiece M 6
2	143 6211	Threaded mandrel M 3
	143 6212	Threaded mandrel M 4
	143 6213	Threaded mandrel M 5
	143 6214	Threaded mandrel M 6
3	143 6193	Locking ring
4	145 8123	Slider
5	143 6247	Compression spring
6	144 6189	Snap ring
7	144 6190	Needle ring
8	144 6187	Stud bolt
9	143 6181	Driving pin
10	143 6390	Hexagonal rod
11	143 6393	Steel head sleeve 1
12	160 5655	Tool head 1 assembled
13	144 5427	Allen screw
14	143 5612	Sealing ring M4
15	144 6013	Oil screw plug
16	143 6204	Draw bar
17	143 6230	Supporting ring
18	143 6234	Rod seal
19	145 8201	Draw bar 1, complete
20	143 6227	Piston seal
21	143 6229	Supporting ring
22	143 6231	Seal
23	143 5236	Seal kit
24	144 6191	Axial needle bearing
25	145 1110	Tie anchor 1, complete
26	144 5794	Axial needle bearing
27	145 8125	Closure complete
28	143 6183	Plug bolt
29	144 6188	Screw
30	143 6205	Washer
31	143 6293	Spring
32	143 6238	Closure
33	143 6197	Closure
34	143 6239	O-ring
35	145 8124	Valve key 4 complete
36	143 6236	O-ring

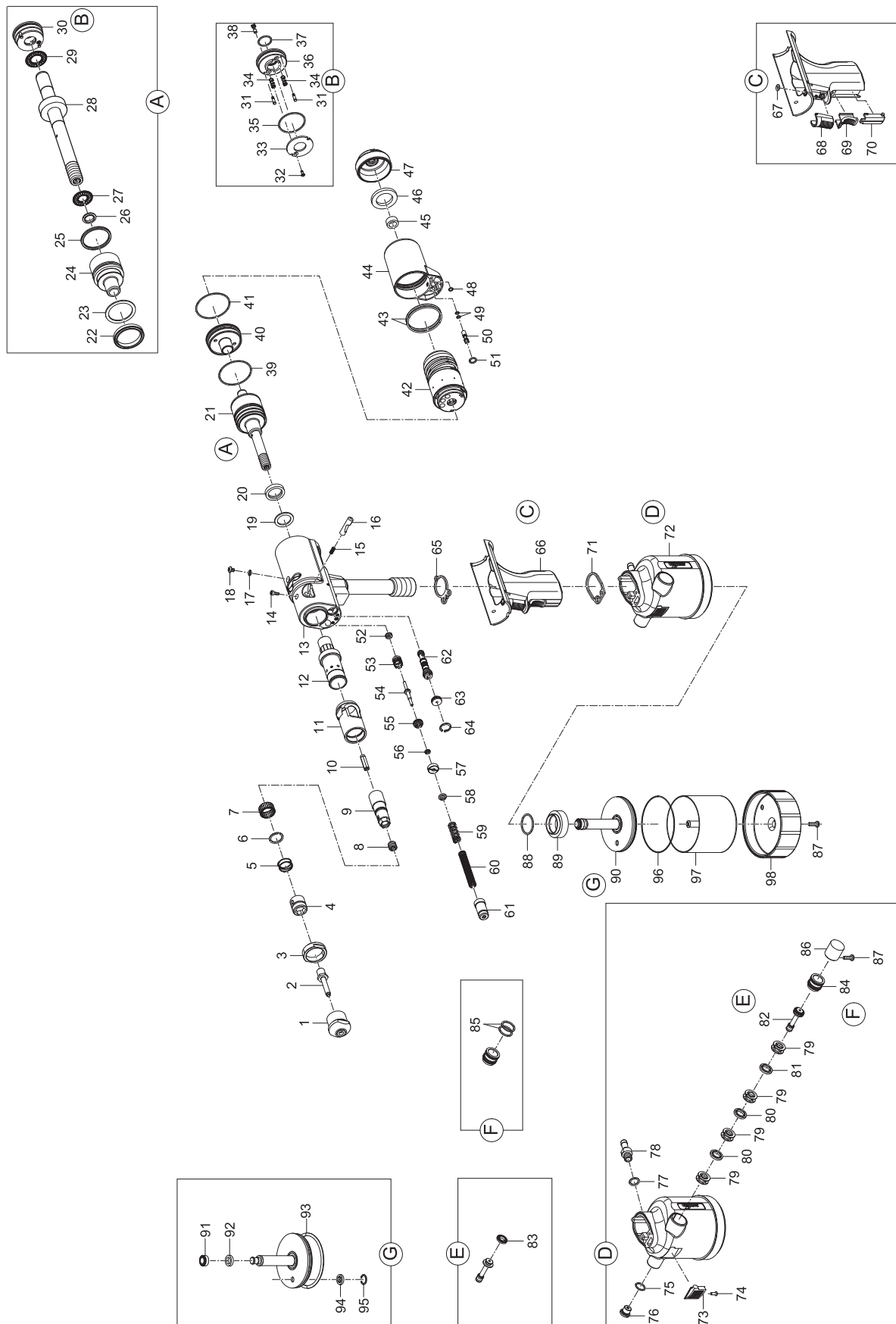
	No.	
37	143 6198	End cap
38	143 6237	O-ring
39	143 6168	Air motor complete
40	143 6243	O-ring
41	143 6170	Adapter
42	143 6173	Absorber disc 1
43	143 6174	Absorber disc 2
44	143 6175	Noise suppressor cover
45	143 6242	O-ring
46	143 6291	O-ring
47	143 6292	Valve key 5
48	143 5519	O-ring
49	143 6233	Rod seal
50	160 5656	Bit
51	160 5658	Plunger
52	160 5657	Sealing washer complete
53	160 5600	Groove ring
54	160 5592	Threaded ring
55	143 6178	Bevel washer
56	143 6374	Spring
57	145 1112	Spring compressor
58	143 6297	Distributing valve, complete
59	145 1053	Stopper, complete
60	144 5285	Snap ring
61	143 5472	Flat gasket 1
62	160 5659	Grip, complete
63	143 6241	O-ring
64	144 6025	Activation button
65	143 5642	Slider
66	143 6169	Orifice
67	143 5480	Flat gasket 2
68	160 5660	Air cylinder, complete
69	151 5051	Silencer complete
70	143 5484	O-ring
71	145 7750	Safety valve, complete
72	144 6030	Sealing ring
73	143 5667	Connecting nipple
74	143 5647	Rod seal
75	143 5648	Spacer cage
76	143 6248	Washer
77	160 5671	Control piston
78	143 5675	Piston seal
79	145 7693	Piston housing
80	143 5688	O-ring
81	144 6026	Stopper
82	144 5773	Screw
83	143 5486	O-ring
84	143 5492	Al nut
85	145 1107	Air piston complete
86	143 6007	Piston seal
87	143 6006	Guide ring 4
88	143 5660	O-ring
89	143 5659	Rod seal
90	144 6027	Snap ring
91	143 5680	O-ring
92	145 1111	Cylinder 1, complete
93	143 5508	Bottom 1
94	143 6394	Rubber foot 1
	144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

You will find spare part kits for FireFox® 1 F on page 345.

HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 2



HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

Firefox® 2

	No.	
1 •	143 6219	Nosepiece M 4
	143 6220	Nosepiece M 5
	143 6221	Nosepiece M 6
	143 6222	Nosepiece M 8
2 •	143 6212	Threaded mandrel M 4
	143 6213	Threaded mandrel M 5
	143 6214	Threaded mandrel M 6
	143 6215	Threaded mandrel M 8
3	143 6193	Locking ring
4	145 8123	Slider complete
5	143 6247	Compression spring
6	144 6189	Snap ring
7 •	144 6190	Needle ring
8	144 6187	Stud bolt
9	143 6179	Driving pin
10	143 6201	Hexagonal rod
11	143 6192	Steel head sleeve
12	145 1094	Stroke adjuster, complete
13	165 9529	Tool head assembled
14	143 6244	Spring
15	143 6180	Locating bolt
16	144 5427	Allen screw
17	143 5612	Sealing ring M4
18	144 6013	Oil screw plug
19 •	143 6230	Supporting ring
20 •	143 6234	Rod seal
21	160 5693	Draw bar complete
22 •	143 6227	Piston seal
23 •	143 6229	Supporting ring
24	143 6204	Draw bar
25 •	143 6231	Seal
26	143 5236	Seal kit
27 •	144 6191	Axial needle bearing
28	160 5692	Tie anchor complete
29 •	144 5794	Axial needle bearing
30	145 8125	Closure cover, complete
31	143 6183	Stud bolt
32	144 6188	Screw
33	143 6205	Stop disc
34	143 6293	Spring
35 •	143 6225	O-ring
36	143 6197	Closure
37 •	143 6239	O-ring
38 •	145 8124	Valve key 4, complete
39	143 6236	O-ring
40	143 6198	End closure
41	143 6237	O-ring
42	143 6168	Air motor complete
43	143 6243	O-ring

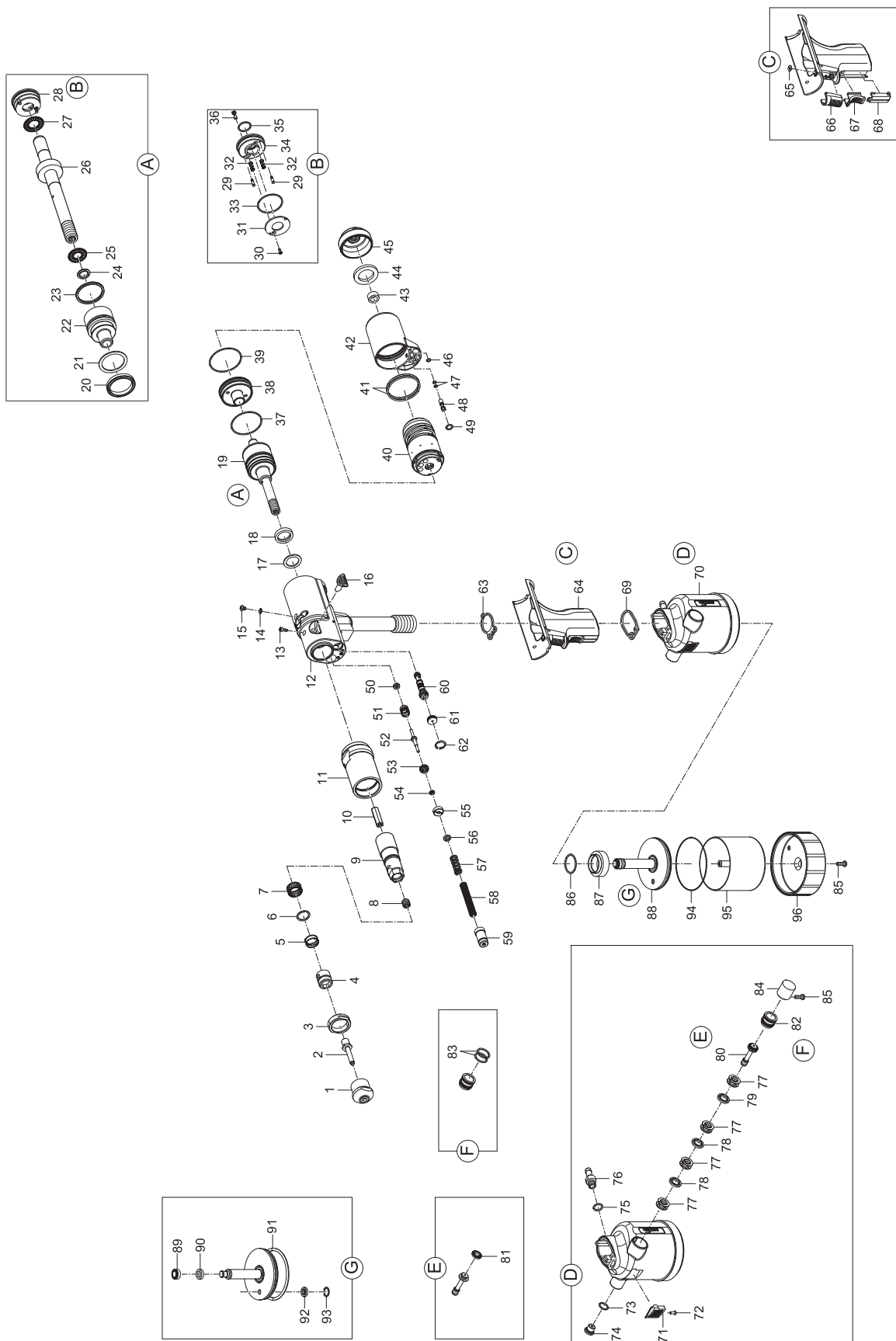
	No.	
44	143 6170	Adapter
45	143 6173	Absorber disc 1
46	143 6174	Absorber disc 2
47	143 6175	Noise suppressor cover
48	143 6242	O-ring
49 •	143 6291	O-ring
50	143 6292	Valve key 5
51	143 5519	O-ring
52 •	143 6233	Rod seal
53 •	160 5656	Bit
54 •	160 5658	Plunger
55	160 5657	Sealing washer
56	160 5600	Groove ring
57	160 5592	Threaded ring
58	143 6178	Bevel washer
59 •	144 6192	Compression spring
60 •	143 6245	Compression spring
61	145 1093	Spring compressor complete
62 •	143 6297	Distributing valve complete
63	145 1053	Stopper complete
64	144 5285	Snap ring
65 •	143 5472	Flat gasket 1
66	160 5659	Grip, complete
67	143 6241	O-ring
68	144 6025	Activation button
69	143 5642	Slider
70	143 6169	Orifice
71 •	143 5480	Flat gasket 2
72	160 5728	Air cylinder 2, complete
73	145 7862	Silencer complete
74	144 6089	Screw
75	143 5484	O-ring
76	145 7750	Pressure relief valve
77	144 6030	Sealing ring
78	143 5667	Hose fitting
79	143 5648	Spacer cage
80	143 5647	Airzet rod seal
81	143 6248	Washer
82	164 5508	Control piston
83 •	143 5675	Piston seal
84	145 7693	Piston housing
85 •	143 5688	O-ring
86	144 6075	Stopper
87	144 5773	Housing screw short
88	143 5486	O-ring
89	143 5492	Alu nut
90	145 8116	Air piston 2, complete
91 •	143 6226	Piston seal
92 •	143 6235	Guide ring
93 •	143 5834	O-ring
94	143 5635	Airzet rod seal
95	144 6082	V-profile ring JV15
96	143 5839	O-ring
97	145 8114	Cylinder 2, complete
98	143 5761	Bottom
	144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

You will find spare part kits for Firefox® 2 on page 345.

HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 2 F / FireFox® 2 F L



HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 2 F / FireFox® 2 F L

	No.	
1 •	143 6219	Nosepiece M 4
	143 6220	Nosepiece M 5
	143 6221	Nosepiece M 6
	143 6222	Nosepiece M 8
2	143 6212	Threaded mandrel M 4
	143 6213	Threaded mandrel M 5
	143 6214	Threaded mandrel M 6
	143 6215	Threaded mandrel M 8
3	143 6193	Locking ring
4	145 8123	Slider complete
5	143 6247	Compression spring
6	144 6189	Snap ring
7 •	144 6190	Needle ring
8	144 6187	Stud bolt
9	143 6179	Driving pin
10	143 6201	Hexagonal rod
11	143 6384	Steel head sleeve
12	160 9547	Tool head assembled
13	144 5427	Allen screw
14	143 5612	Sealing ring M4
15	144 6013	Oil screw plug
16	144 6204	Cap
17 •	143 6230	Supporting ring
18 •	143 6234	Rod seal
19	145 8126	Draw bar complete
20 •	143 6227	Piston seal
21 •	143 6229	Supporting ring
22	143 6204	Draw bar
23 •	143 6231	Seal
24	143 5236	Seal kit
25 •	144 6191	Axial needle bearing
26	143 6296	Tie anchor complete
27 •	144 5794	Axial needle bearing
28	145 8125	Closure cover, complete
29	143 6183	Stud bolt
30	144 6188	Screw
31	143 6205	Stop disc
32	143 6293	Spring
33 •	143 6238	O-ring
34	143 6197	Closure
35 •	143 6239	O-ring
36 •	145 8124	Valve key 4, complete
37	143 6236	O-ring
38	143 6198	End closure
39	143 6237	O-ring
40	143 6168	Air motor complete
41	143 6243	O-ring

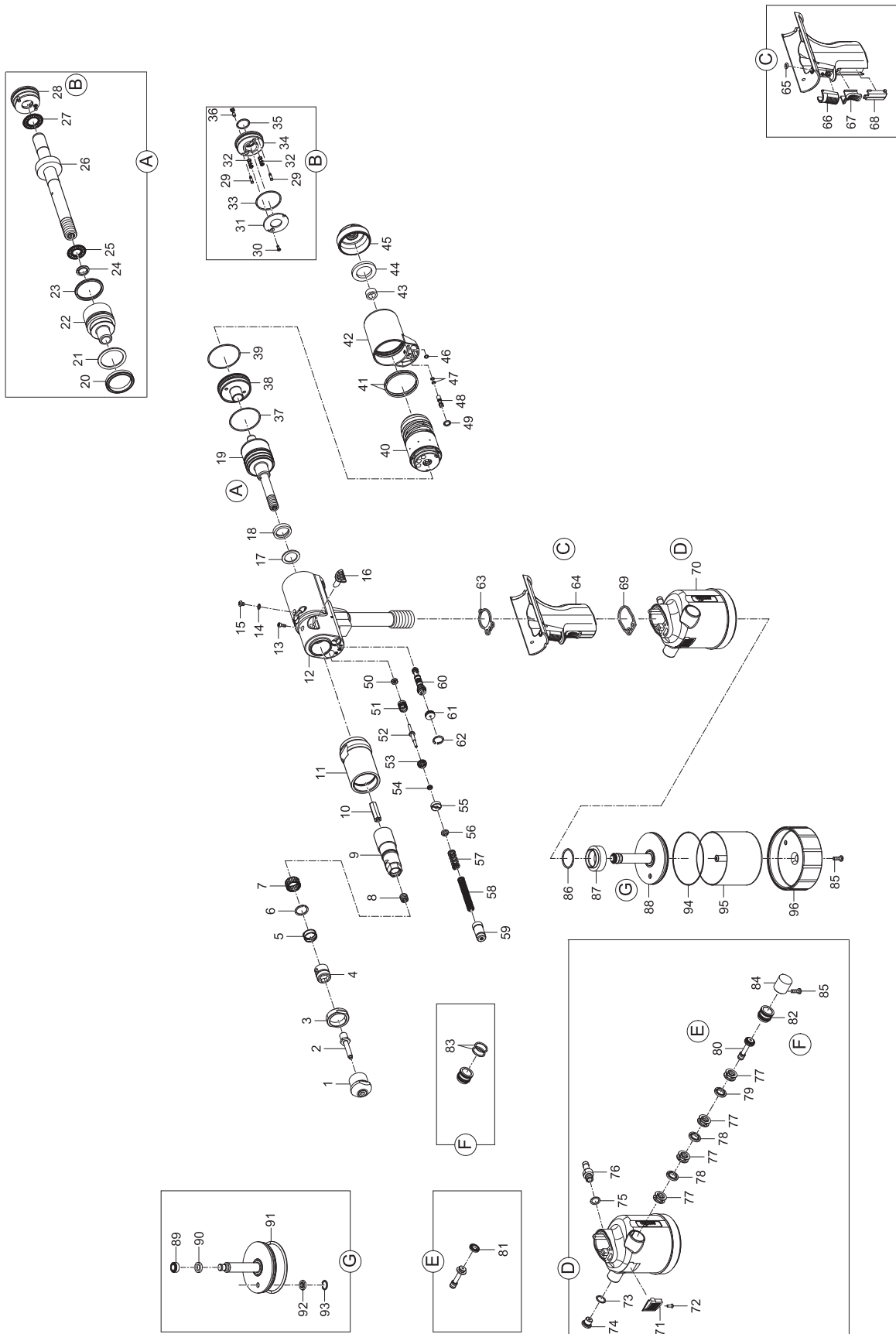
	No.	
42	143 6170	Adapter
43	143 6173	Absorber disc 1
44	143 6174	Absorber disc 2
45	143 6175	Noise suppressor cover
46	143 6242	O-ring
47 •	143 6291	O-ring
48	143 6292	Valve key 5
49	143 5519	O-ring
50 •	143 6233	Rod seal
51 •	160 5656	Bit
52 •	160 5658	Plunger
53	160 5657	Sealing washer
54	160 5600	Groove ring
55	160 5592	Threaded ring
56	143 6178	Bevel washer
57 •	144 6192	Compression spring
58 •	143 6245	Compression spring
59	145 1093	Spring compressor complete
60 •	143 6297	Distributing valve complete
61	145 1053	Stopper complete
62	144 5285	Snap ring
63 •	143 5472	Flat gasket 1
64	160 5659	Grip, complete
65	143 6241	O-ring
66	144 6025	Activation button
67	143 5642	Slider
68	143 6169	Orifice
69 •	143 5480	Flat gasket 2
70	160 5706	Air cylinder 2, complete
71	145 7862	Silencer complete
72	144 6089	Screw
73	143 5484	O-ring
74	145 7750	Pressure relief valve, complete
75	144 6030	Sealing ring
76	143 5667	Hose fitting
77	143 5648	Spacer cage
78	143 5647	Airzet rod seal
79	143 6248	Washer
80	164 5508	Rod seal
81 •	143 5675	Piston seal
82	143 7693	Piston housing
83 •	143 5688	O-ring
84	144 6075	Stopper
85	144 5773	Housing screw short
86	143 5486	O-ring
87	143 5492	Alu nut
88	145 8116	Air piston 2, complete
89 •	143 6226	Piston seal
90 •	143 6235	Guide ring
91 •	143 5834	O-ring
92	143 5635	Airzet rod seal
93	144 6082	V-profile ring JV15
94	143 5839	O-ring
95	145 8114	Cylinder 2, complete
96	143 5761	Bottom
	144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

You will find spare part kits for FireFox® 2 F and FireFox® 2 F L on page 345.

HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 2 F L



HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 2 F L

	No.	
1 •	143 6218	Nosepiece M3
	143 6219	Nosepiece M 4
	143 6220	Nosepiece M 5
	143 6221	Nosepiece M 6
	143 6222	Nosepiece M 8
	143 6223	Nosepiece M 10
	143 6224	Nosepiece M 12
2 •	143 6363	Threaded mandrel M 3
	143 6364	Threaded mandrel M 4
	143 6365	Threaded mandrel M 5
	143 6366	Threaded mandrel M 6
	143 6367	Threaded mandrel M 8
	143 6368	Threaded mandrel M 10
	143 6369	Threaded mandrel M 12
3	143 6193	Locking ring
4	145 8123	Slider
5	143 6247	Compression spring
6	144 6189	Snap ring
7 •	144 6190	Needle ring
8	144 6187	Stud bolt
9	143 6179	Driver
10	143 6201	Hexagonal rod
11	143 6384	Steel head sleeve
12	160 9547	Tool head, assembled
13	144 5427	Allen screw
14	143 5612	Sealing ring M4
15	144 6013	Oil screw plug
16	144 6204	Cap
17 •	143 6230	Supporting ring
18 •	143 6234	Rod seal
19	145 8126	Draw bar, complete
20 •	143 6227	Piston seal
21 •	143 6229	Supporting ring
22	143 6204	Draw bar
23 •	143 6231	Seal
24	143 5236	Seal kit
25 •	144 6191	Axial needle bearing
26	143 6296	Tie anchor complete
27 •	144 5794	Axial needle bearing
28	145 8125	Closure cover, complete
29	143 6183	Stud bolt
30	144 6188	Screw
31	143 6205	Stop disc
32	143 6293	Spring
33 •	143 6238	O-ring
34	143 6197	Closure cover, complete
35 •	143 6239	O-ring
36 •	145 8124	Valve key 4, complete
37	143 6236	O-ring
38	143 6198	End cap
39	143 6237	O-ring
40	143 6370	Air motor complete
41	143 6243	O-ring

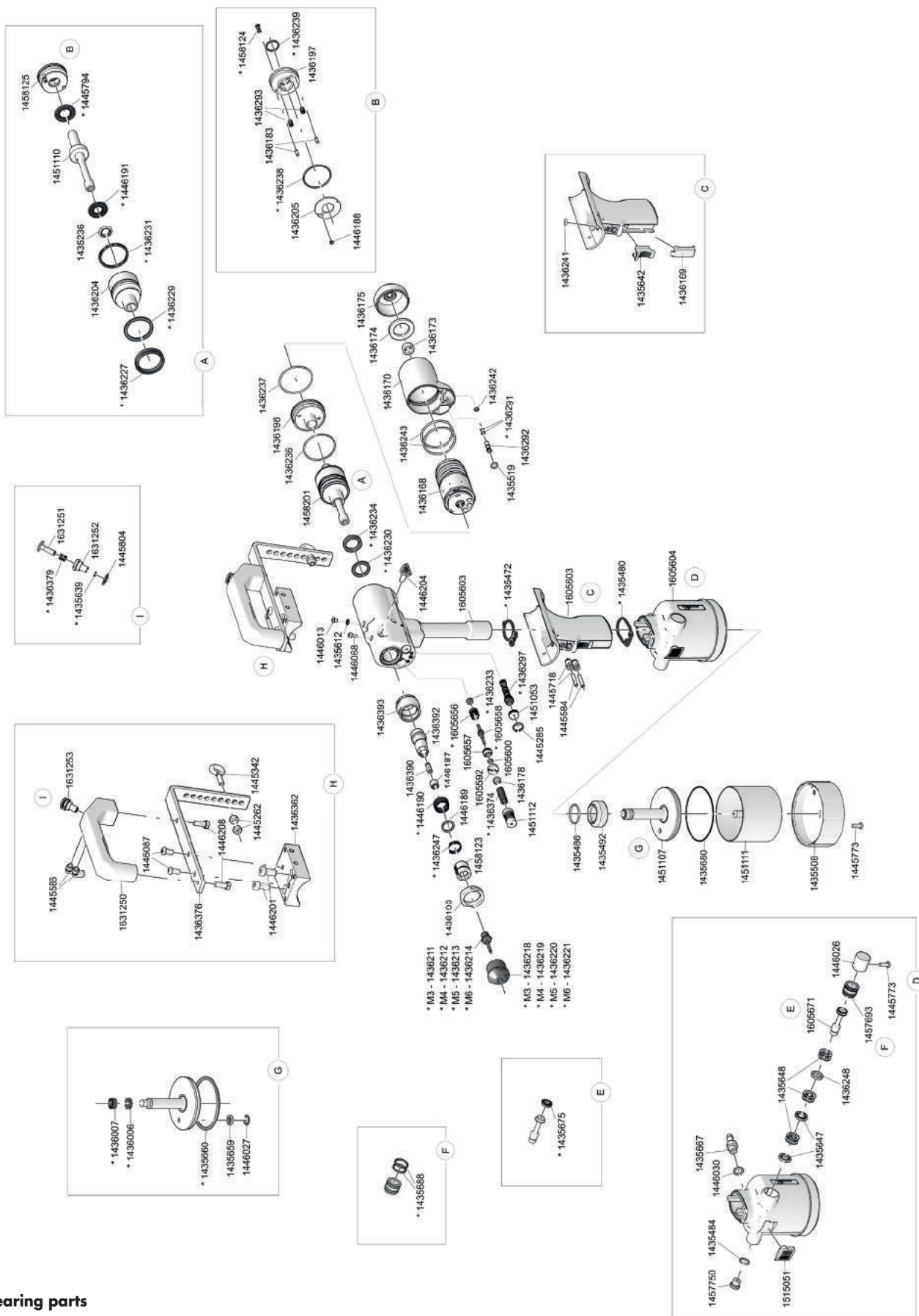
	No.	
42	143 6170	Adapter
43	143 6173	Absorber disc 1
44	143 6174	Absorber disc 2
45	143 6175	Noise suppressor cover
46	143 6242	O-ring
47 •	143 6291	O-ring
48	143 6292	Valve key 5
49	143 5519	O-ring
50 •	143 6233	Rod seal
51 •	160 5656	Bit
52 •	160 5658	Plunger
53	160 5657	Sealing washer
54	160 5600	Groove ring
55	160 5592	Threaded ring
56	143 6178	Bevel washer
57 •	144 6192	Compression spring
58 •	143 6245	Compression spring
59	145 1093	Clamps
60 •	143 6297	Distributing valve complete
61	145 1053	Stopper
62	144 5285	Snap ring
63 •	143 5472	Flat gasket 1
64	160 5659	Grip, complete
65	143 6241	O-ring
66	144 6025	Activation button
67	143 5642	Slider
68	143 6169	Orifice
69 •	143 5480	Flat gasket 2
70	165 0705	Air cylinder, complete
71	145 7862	Silencer complete
72	144 6089	Screw
73	143 5484	O-ring
74	145 7750	Pressure relief valve
75	144 6030	Sealing ring
76	143 5667	Connecting nipple
77	143 5648	Spacer cage
78	143 5647	Airzet Rod seal
79	143 6248	Washer
80	164 5508	Control piston
81 •	143 5675	Piston seal
82	145 7693	Piston housing
83 •	143 5688	O-ring
84	144 6075	Stopper
85	144 5773	Housing screw short
86	143 5486	O-ring
87	143 5492	Alu nut
88	145 8116	Air piston complete
89 •	143 6226	Piston seal
90 •	143 6235	Guide ring
91 •	143 5834	O-ring
92	143 5635	Airzet Rod seal
93	144 6082	V-ring JV15
94	143 5839	O-ring
95	145 8114	Cylinder complete
96	143 5805	Bottom
	144 5294	Hydraulic oil refill bottle, 100 ml

• Verschleißteile

You will find spare part kits for FireFox® 2 F L on page 345.

HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 1 F Axial eco



* **Wearing parts**

HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 1 F Axial eco

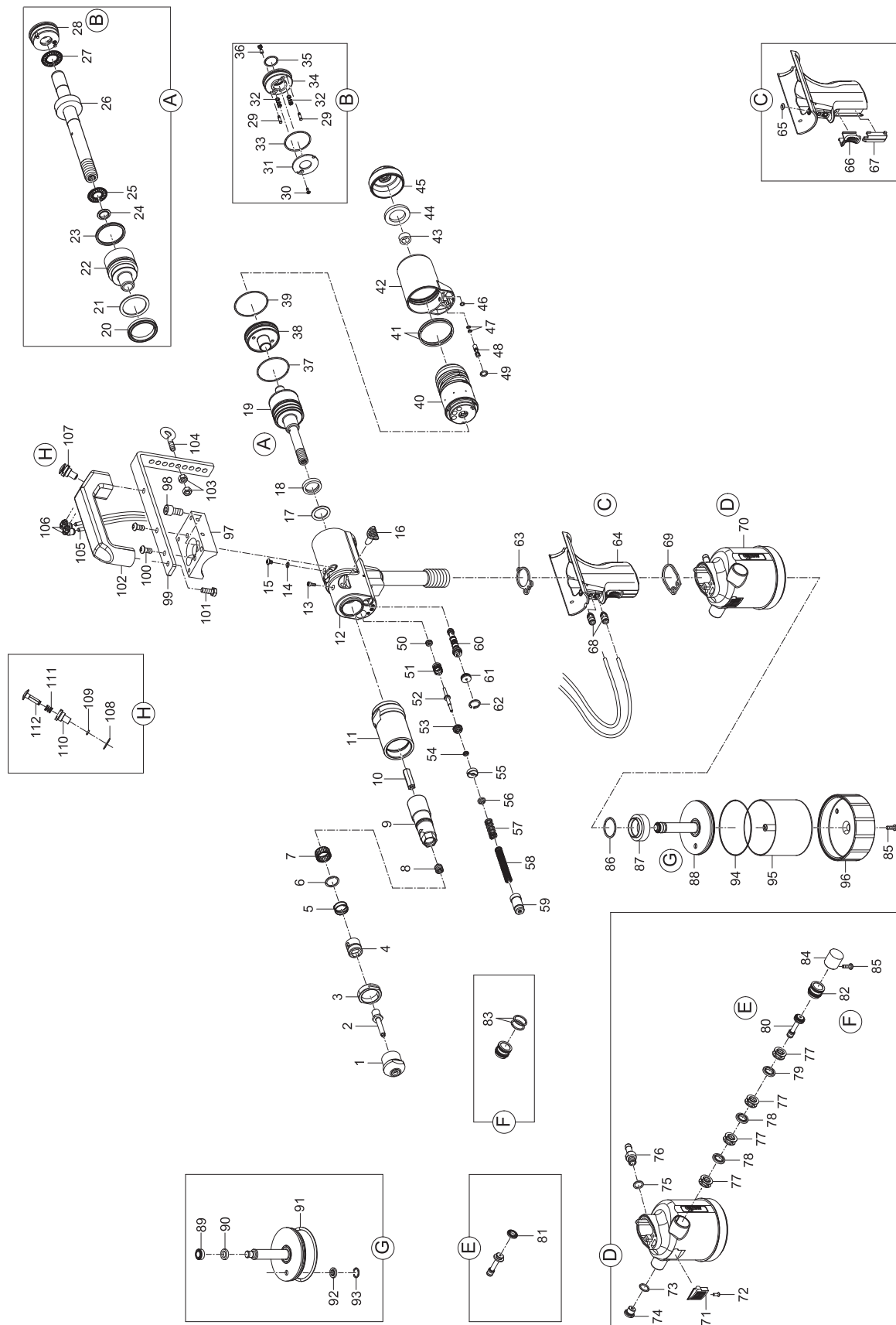
No.	
143 5236	Sealing washer
143 5472	Flat gasket
143 5480	Flat gasket
143 5484	O-ring
143 5486	O-ring
143 5492	Alu nut
143 5508	Bottom
143 5519	O-ring
143 5612	Sealing ring
143 5639	O-ring
143 5642	Slider
143 5647	Airzet Rod seal
143 5648	Spacer cage
143 5659	Airzet Rod seal
143 5660	O-ring
143 5667	Connecting nipple
143 5675	Piston seal
143 5680	O-ring
143 5688	O-ring
143 6006	Führungsring
143 6007	Piston seal
143 6168	Air motor complete
143 6169	Orifice
143 6170	Adapter
143 6173	Absorber disc
143 6174	Absorber disc
143 6175	Noise suppressor cover
143 6178	Bevel washer
143 6183	Stud bolt
143 6193	Locking ring
143 6197	Closure cover, complete
143 6198	End cap
143 6204	Draw bar
143 6205	Stop disc
143 6211	Threaded mandrel M 3
143 6212	Threaded mandrel M 4
143 6213	Threaded mandrel M 5
143 6214	Threaded mandrel M 6
143 6218	Nosepiece M 3
143 6219	Nosepiece M 4
143 6220	Nosepiece M 5
143 6221	Nosepiece M 6
143 6227	Piston seal
143 6229	Supporting ring
143 6231	Ring seal
143 6233	Rod seal
143 6234	Rod seal
143 6236	O-ring
143 6237	O-ring
143 6238	O-ring
143 6239	O-ring
143 6241	O-ring
143 6242	O-ring
143 6243	O-ring
143 6247	Compression spring
143 6248	Washer
143 6291	O-ring

No.	
143 6292	Valve key
143 6293	Compression spring
143 6297	Distributing valve
143 6362	Holder
143 6374	Compression spring
143 6376	Hanger
143 6379	Spring
143 6390	Hexagonal rod
143 6392	Driver
143 6393	Steel head sleeve
144 5262	Nut
144 5285	Snap ring
144 5342	Screw
144 5586	Screw connection
144 5773	PT screw
144 5794	Axial needle bearing
144 5804	U washer
144 6013	Oil screw plug
144 6026	Stopper
144 6027	Snap ring
144 6030	Sealing ring
144 6068	Allen screw
144 6087	Fillister head screw
144 6187	Stud bolt
144 6188	Countersunk screw
144 6189	Snap ring
144 6190	Needle ring
144 6191	Axial needle bearing
144 6201	Allen screw
144 6204	Venting cap
144 6208	Hexagon head screw
145 1053	Stopper
145 1107	Air piston
145 1110	Tie anchor complete
145 1111	Cylinder
145 1112	Spring compressor complete
145 7693	Piston housing
145 7750	Pressure relief valve
145 8123	Slider
145 8124	Valve key
145 8125	Closure cover
145 8201	Draw bar
151 5051	Silencer
160 5592	Threaded ring
160 5600	Groove ring
160 5603	Tool head
160 5604	Air cylinder
160 5656	Bit
160 5656	Bit
160 5657	Sealing washer
160 5658	Plunger
160 5671	Control piston
163 1250	Grip
163 1251	Valve
163 1252	Valve seat
163 1253	Valve

* The length required must always be specified on the order;
the article numbers always refers to the price per metre.

HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 2 F Axial eco



HYDRO-PNEUMATIC BLIND RIVET NUT SETTING TOOLS

FireFox® 2 F Axial eco

		
1 •	143 6221	Nosepiece M 6
	143 6222	Nosepiece M 8
	143 6223	Nosepiece M 10
	143 6224	Nosepiece M 12
2 •	143 6214	Threaded mandrel M 6
	143 6215	Threaded mandrel M 8
	143 6216	Threaded mandrel M 10
	143 6217	Threaded mandrel M 12
3	143 6193	Locking ring
4	145 8123	Slider complete
5	143 6247	Compression spring
6	144 6189	Snap ring
7 •	144 6190	Needle ring
8	144 6187	Stud bolt
9	143 6179	Driving pin
10	143 6201	Hexagonal rod
11	143 6384	Steel head sleeve
12	160 9547	Tool head complete
13	144 5427	Allen screw
14	143 5612	Sealing ring
15	144 6013	Screw
16	144 6204	Cap piece
17 •	143 6230	Supporting ring
18 •	143 6234	Rod seal
19	145 8126	Draw bar complete
20 •	143 6227	Piston seal
21 •	143 6229	Supporting ring
22	143 6204	Draw bar
23 •	143 6231	Seal
24	143 5236	Seal kit
25 •	144 6191	Axial needle bearing
26	143 6296	Tie anchor
27 •	144 5794	Axial needle bearing
28	145 8125	Closure
29	143 6183	Stud bolt
30	144 6188	Screw
31	143 6205	Stop disc
32	143 6293	Spring
33 •	143 6238	O-ring
34	143 6197	Closure
35 •	143 6239	O-ring
36 •	145 8124	Valve key
37	143 6236	O-ring
38	143 6198	End cap
39	143 6237	O-ring
40	143 6168	Air motor
41	143 6243	O-ring
42	143 6170	Adapter
43	143 6173	Absorber disc 1
44	143 6174	Absorber disc 2
45	143 6175	Closure
46	143 6242	O-ring
47 •	143 6291	O-ring
48	143 6292	Valve key
49	143 5519	O-ring
50 •	143 6233	Rod seal
51 •	160 5656	Bit

		
52 •	160 5658	Plunger
53	160 5657	Washer
54	160 5600	Groove ring
55	160 5592	Threaded ring
56	143 6178	Washer
57 •	144 6192	Compression spring
58 •	143 6245	Compression spring
59	145 1093	Spring compressor complete
60 •	143 6297	Distributing valve
61	145 1053	Stopper
62	144 5285	Snap ring
63 •	143 5472	Flat gasket
64	160 5602	Grip complete
65	143 6241	O-ring
66	144 5718	Screw connection
67	143 5642	Slider
68	143 6169	Orifice
69 •	143 5480	Flat gasket
70	160 5706	Air cylinder
71	143 5484	O-ring
72	145 7750	Pressure relief valve
73	145 7862	Silencer
74	144 6089	Screw
75	145 5484	O-ring
76	145 7750	Pressure relief valve
77	144 6030	Sealing ring
78	143 5667	Connecting nipple
79	143 5648	Spacer cage
80	143 5647	Rod seal
81	143 6248	Washer
82	164 5508	Control piston
83 •	143 5675	Piston seal
84	145 7693	Piston housing
85 •	143 5688	O-ring
86	144 6075	Stopper
87	144 5773	Housing screw, short
88	143 5486	O-ring
89	143 5492	Al nut
90 •	145 8116	Air piston complete
91 •	143 6226	Piston seal
92 •	143 6235	Guide ring
93 •	143 5834	O-ring
94	143 5635	Airezt rod seal
95	144 6082	Snap ring
96	143 5839	O-ring
97	145 8114	Cylinder
98	143 5761	Bottom
99	143 6362	Hanger
100	144 6201	Cylinder head screw
101	143 6376	Hanger
102	144 6087	Fillister head screw
103	144 6208	Hexagon head screw
104	163 1250	Grip
105	144 5262	Nut
106	144 5342	Screw
107	144 5584	Tube*
108	144 5586	Screw connection
109	163 1253	Valve complete
110	144 5804	Washer
111	143 5639	O-ring
112	163 1252	Valve seat
113	143 6379	Spring
114	163 1251	Valve
	144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

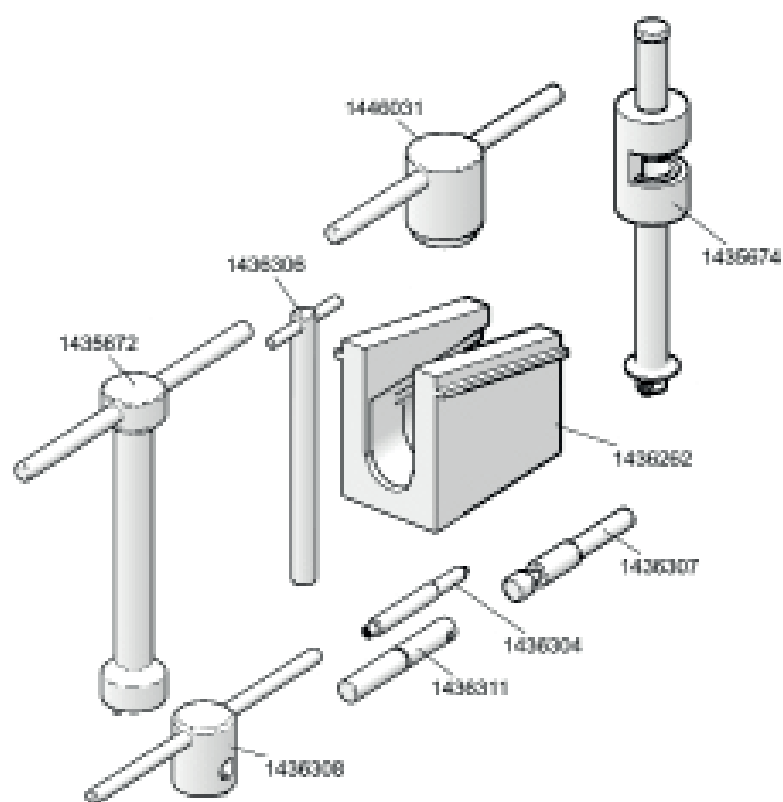
* The length required must always be specified on the order;
the article numbers always refers to the price per metre.

Repair tools for FireFox® 1 F - 2

Article no. 145 8130

No.	
143 5672*	Allen key
143 5674*	Slot wrench
143 6262	Insertion tool for seal
143 6304	Extraction tool
143 6306	Allen key for end cap
143 6307	Assembly device
143 6308	Clamp element for FireFox tool head
143 6311	Insertion tool for bit
144 6031*	Turning tool for threaded ring

*These tools are also suitable for TAURUS® 1 - 4



SPARE PART KITS

The spare part kits contain carefully composed sets with exactly the parts that you need for your maintenance or repair.

TAURUS® 1-4

Spare part kit: 145 7720 - Grip seal set for TAURUS® 1-4

Spare part no.	Article no.	Designation
36	143 5472	Flat gasket 1
42	143 5480	Flat gasket 2
59	143 5486	O-ring

Spare part kit: 145 7721 - Lock activator seal set for TAURUS® 1-4

Spare part no.	Article no.	Designation
19	143 5632	Piston seal
20	143 5488	Supporting ring
21	143 5485	Piston seal

TAURUS® 2-4

Spare part kit: 145 7853 - Mandrel retainer set for TAURUS® 2-4

Spare part no.	Article no.	Designation
30	144 6028	Retaining spring
31	143 5664	Retainer
32	143 5663	Adapter
33	143 5842	Lock washer
34	143 5766	Connecting piece nut 2/3

Spare part kit: 145 7723 - Control piston seal set for TAURUS® 2-4

Spare part no.	Article no.	Designation
30	143 5648	Spacer cage (4x)
31	143 5647	Rod seal (3x)
32	145 7694	Control piston
33	143 5675	Piston seal
34	145 7693	Piston housing
57	143 5688	O-ring (2x)

TAURUS® 1

Spare part kit: 145 7719 - Air piston seal set for TAURUS® 1

Spare part no.	Article no.	Designation
62	143 5658	Piston seal
63	143 5657	Guide ring 1
64	143 5656	Piston seal
65	143 5660	O-ring
66	143 5659	Rod seal
67	144 6027	Snap ring
68	143 5680	O-ring

Spare part kit: 145 7722 - Control piston seal set for TAURUS® 1

Spare part no.	Article no.	Designation
51	143 5648	Spacer cage (3x)
52	143 5647	Rod seal (3x)
53	145 7694	Control piston
54	143 5675	Piston seal
55	145 7693	Piston housing
56	143 5688	O-ring (2x)

Spare part kit: 145 7724 - Mandrel retainer set for TAURUS® 1

Spare part no.	Article no.	Designation
30	144 6028	Retaining spring
31	143 5664	Retainer
32	143 5663	Adapter
33	143 5842	Lock washer
34	143 5849	Connecting piece nut 1

SPARE PART KITS

TAURUS® 2

Spare part kit: 145 7852 - Air piston seal set for TAURUS® 2

Spare part no.	Article no.	Designation
25	143 5635	Rod seal
62	143 5841	Piston seal
63	143 5825	Guide ring 2
64	143 5670	Piston seal
65	143 5834	O-ring
67	144 6082	V-profile ring
68	143 5839	O-ring

TAURUS® 3

Spare part kit: 145 7924 - Air piston seal set for TAURUS® 3

Spare part no.	Article no.	Designation
25	143 5635	Rod seal
62	143 5841	Piston seal
63	143 5825	Guide ring 2
64	143 5670	Piston seal
65	143 5937	O-ring
67	144 6082	V-profile ring
68	143 5927	O-ring

TAURUS® 4

Spare part kit: 145 8000 - Seal set Air piston TAURUS® 4

Spare part no.	Article no.	Designation
25	143 5635	Rod seal
54	143 5675	Piston seal
62	143 6007	Piston seal
63	143 6006	Guide ring 4
64	143 5937	O-ring
67	144 6082	V-profile ring
68	143 5927	O-ring

PH 1/PH 2

Spare part kit: 145 6778 - K seal set PH1/PH2

Spare part no.	Article no.	Designation
10 •	143 4323	K seal
13 •	143 4324	K seal
15 •	143 4326	K seal

SPARE PART KITS

FireFox® 1 F - 2

Spare part kit: 145 8202 - Air piston seal set for FireFox® 1F

Spare part no.	Article no.	Designation
87	143 6007	Piston seal
92	143 5680	O-ring
88	143 6006	Guide ring 4
89	143 5660	O-ring
91	144 6027	Snap ring
90	143 5659	Rod seal

Spare part kit: 145 8179 - Distributing valve complete for FireFox® 1 F, 2, 2 F

Spare part no.			Article no.	Designation
FireFox® 1 F	FireFox® 2	FireFox® 2 F		
59	62	60	143 6297	Distributing valve complete
61	64	62	144 5285	Snap ring
60	63	61	145 1053	Stopper complete

Spare part kit: 145 7720 - Grip seal set for FireFox® 1 F, 2, 2 F

Spare part no.			Article no.	Designation
FireFox® 1 F	FireFox® 2	FireFox® 2 F		
62	65	63	143 5472	Flat gasket 1
68	71	69	143 5480	Flat gasket 2
84	88	86	143 5486	O-ring

Spare part kit: 145 8180 - Air piston seal set for FireFox® 2 - 2 F

Spare part no.		Article no.	Designation
FireFox® 2	FireFox® 2 F		
91	89	143 6226	Piston seal
96	94	143 5839	O-ring
92	90	143 6235	Guide ring
93	91	143 5834	O-ring
95	93	144 6082	V-profile ring
94	92	143 5635	Airzet Rod seal