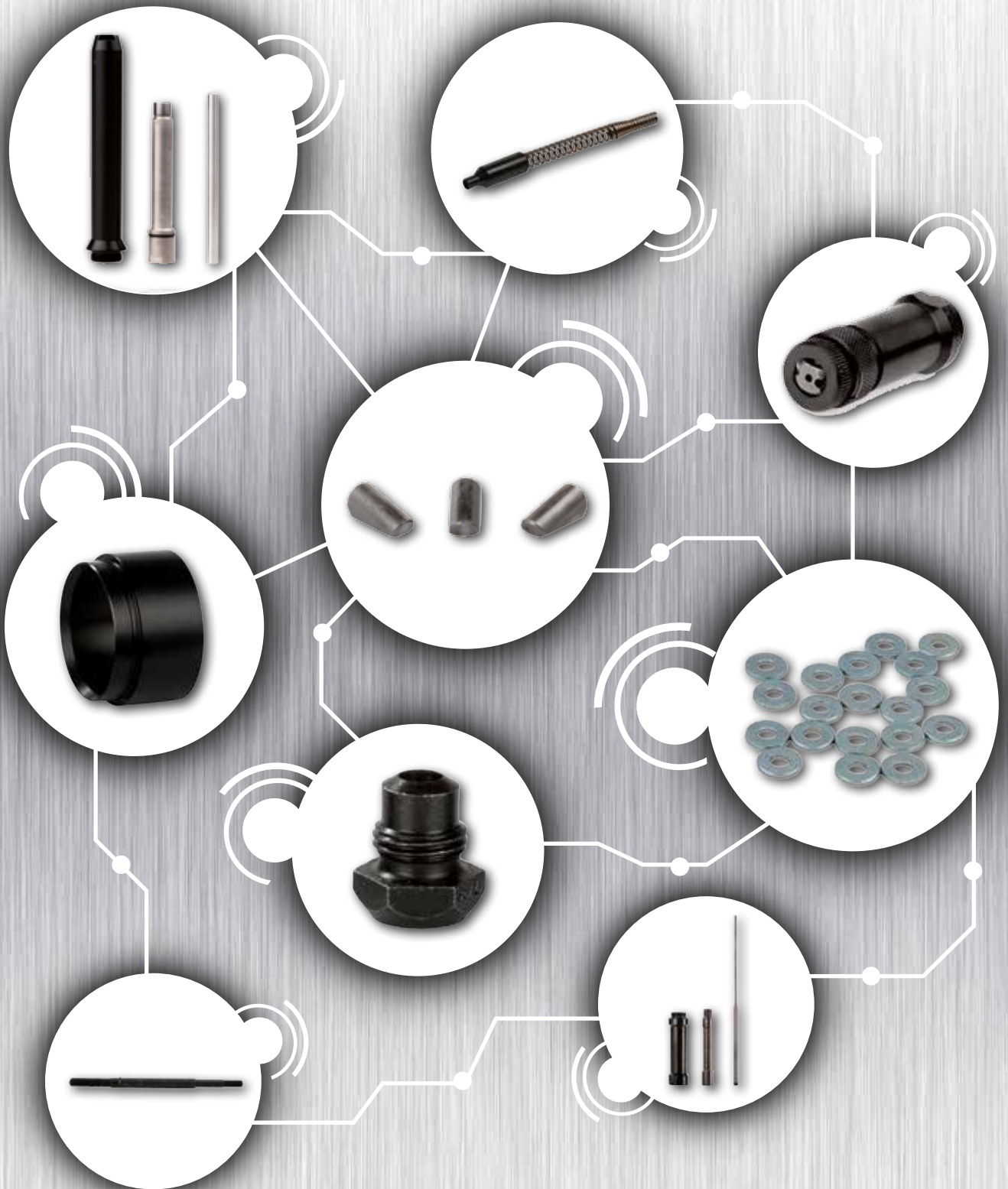


Spare parts catalogue 2018/19



The experts in riveting technologies



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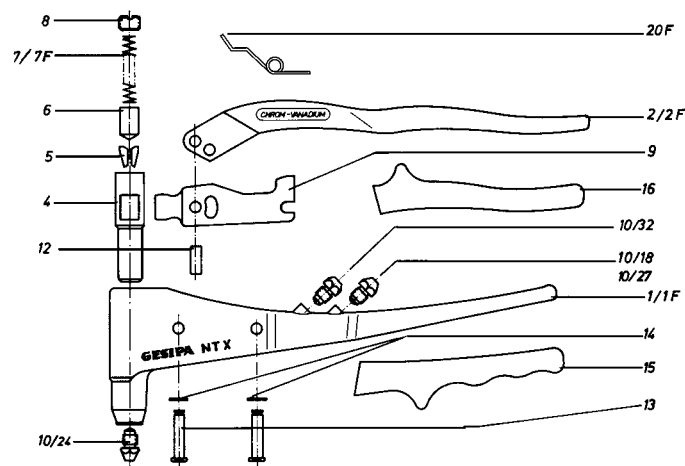
Blind rivet hand tools

NTX and NTX-F (with self opening spring)

Spare part no.	Article no.	Designation
1	145 6624	Tool housing with sleeve grip no. 15
1 F	145 6626	Tool housing with sleeve grip no. 15
2	145 6625	Tool shanks with sleeve grip no. 16
2 F	145 6627	Tool shanks with sleeve grip no. 16
4	143 4070	Jaw housing
5 •	143 4071	Jaws (2-part)
5a •	143 4241	Hard jaws (2-part) for CAP® blind rivets
6 •	143 4072	Jaw pusher
7 •	144 5258	Compression spring
7 F •	144 5260	Compression spring
8	143 4073	Closure screw
9	143 4074	Lever
10/18 •	143 4055	Nosepiece
10/24 •	143 4061	Nosepiece
10/27 •	143 4062	Nosepiece
10/32 •	143 4065	Nosepiece
12	143 4075	Bolt
13	143 4076	Bolt
14	144 5259	Snap ring
15	150 9066	Sleeve grip for tool housing no. 1
16	150 9068	Sleeve grip for tool shank no. 2
17	143 4079	Maintenance wrench SW 10
20 F •	144 5261	Self opening spring
21 F	143 4095	Strap

• Wearing parts

You will find detailed nosepiece allocation tables on page 352.

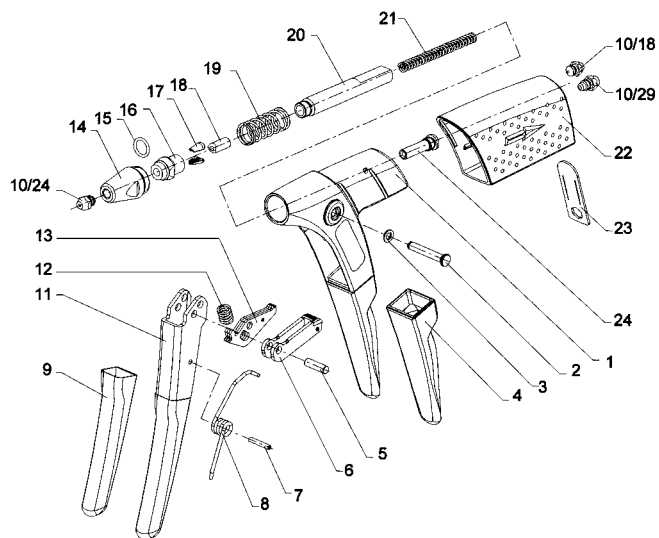


Flipper®

Spare part no.	Article no.	Designation
1	143 3963	Housing with slide block, lever and grip
2	143 3967	Pivot bolt
3	143 3968	Snap ring
4	143 3964	Sleeve grip for housing no. 1
5	143 3976	Bolt
6	143 3974	Drive pawl
7	143 3979	Spring dowel sleeve
8	143 3977	Self opening spring
9	143 3973	Sleeve grip for operating lever no. 11
10/18 •	143 4055	Nosepiece
10/24 •	143 4061	Nosepiece
10/29 •	143 4064	Nosepiece
11	145 6591	Operating lever with sleeve grip
12	143 3978	Retaining spring
13	143 3975	Storage finger (3-part) per set
14	143 3965	Head
15	143 3981	O-ring for jaw housing no. 16
16	145 6590	Jaw housing with O-ring
17 •	143 4071	Jaws (2-part) per set
18 •	143 3970	Jaw pusher
19	143 3972	Return spring
20	143 3969	Lock activator
21 •	143 3971	Compression spring
22	145 6592	Spent mandrel container with maintenance wrench
23	143 3980	Maintenance wrench SW 10
24	143 3966	Closure screw

• Wearing parts

You will find detailed nosepiece allocation tables on page 352.



Changeover set for plastic blind rivets

Spare part no.	Article no.	Designation
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

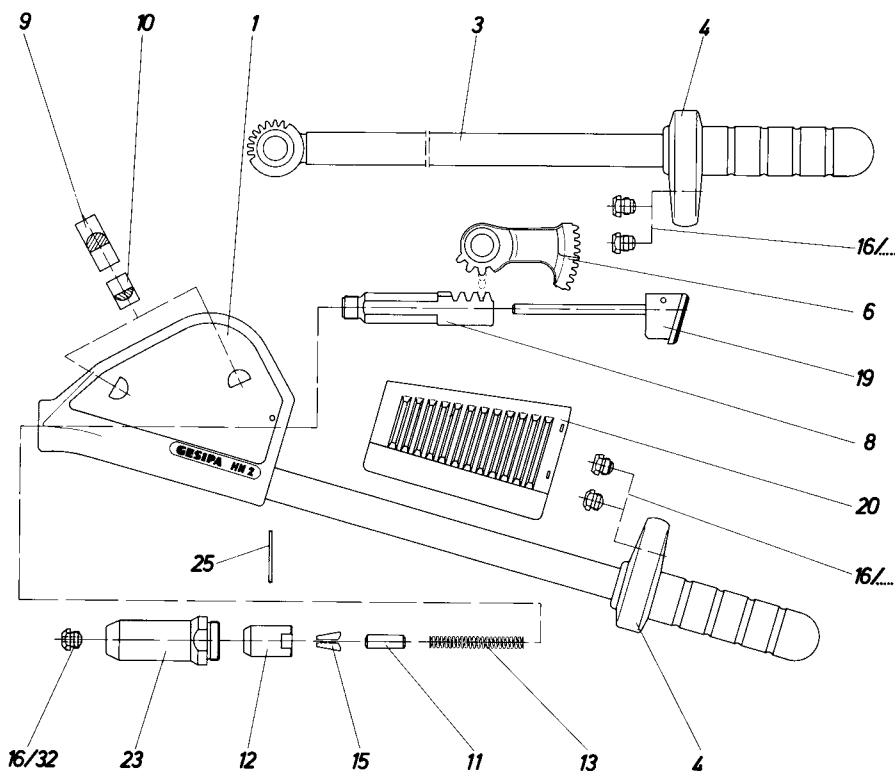
Blind rivet hand tools

HN 2 / HN 2-BT (only for BULB-TITE®)

Spare part no.	Article no.	Designation
1	145 6717	Housing with, lever and grip
3	145 6718	Operating lever with pinion and grip
4	143 4124	Grip
6	143 4125	Transmission segment
8	143 4126	Gear rack
9	143 4127	Bolt
10	143 4128	Safety bolt
11	143 4106	Jaw pusher
12 •	143 4129	Jaw housing
13 •	144 5263	Compression spring
15 •	143 4103	Jaws (3-part) per set
16/29 •	143 4290	Nosepiece
16/32 •	143 4291	Nosepiece
16/36 •	143 4292	Nosepiece
16/40 •	143 4293	Nosepiece
16/45 •	143 4300	Nosepiece
19	145 6719	End block with guide tube
20	145 6720	Spent mandrel container
23	143 4105	Head
25	144 5264	Cylinder pin
176	143 4311	Universal wrench MSU
30	145 6721	Changeover set for BULB-TITE®
16/26 BT •	143 4301	Nosepiece for 4 mm Ø BULB-TITE® rivets
16/32 BT •	143 4302	Nosepiece for 5.2 mm Ø BULB-TITE® rivets
16/42 BT •	143 4303	Nosepiece for 6.3 mm Ø BULB-TITE® rivets
16/31 MG •	143 4380	Nosepiece for 4.8 mm Ø MEGAGRIP® rivets
16/41 MG •	143 4381	Nosepiece for 6.4 mm Ø MEGAGRIP® rivets
106/14 •	143 4173	Jaws for BT and MG rivets

• Wearing parts

You will find detailed nosepiece allocation tables on page 353.



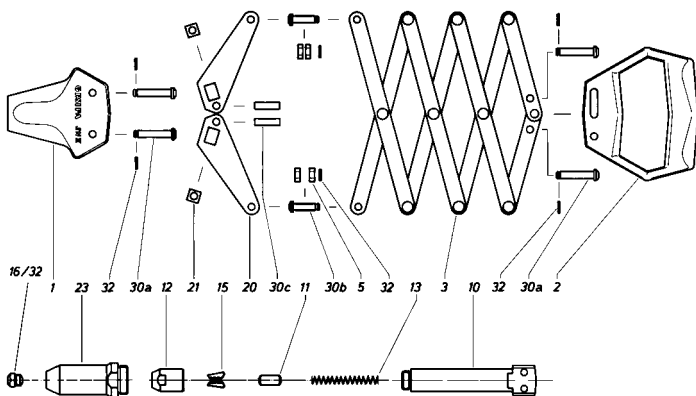
Blind rivet hand tools

SN 2 (up to April 2010)

Spare part no.	Article no.	Designation
1	145 6676	Housing
2	145 6677	Grip
3	712 2039	Lazy tongue
5	145 6678	Spacer ring
10	145 6679	Lock activator
11	143 4106	Jaw pusher
12	143 4102	Jaw housing
13 •	145 6680	Compression spring
15 •	143 4103	Jaws (3-part) per set
16/29 •	143 4290	Nosepiece
16/32 •	143 4291	Nosepiece
16/36 •	143 4292	Nosepiece
16/40 •	143 4293	Nosepiece
16/45 •	143 4300	Nosepiece
20	145 6681	Arm
21	145 6682	Slide block
23	143 4105	Head
30 a	145 6683	Bolt
30 b	145 6684	Bolt
30 c	145 6685	Bolt
32	145 6686	Snap ring
176	143 4311	Universal wrench MSU

• Wearing parts

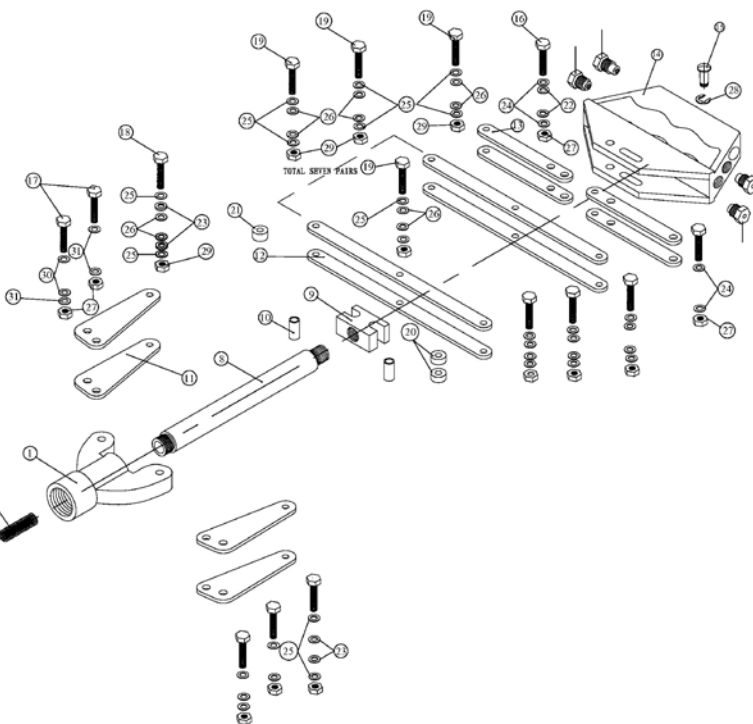
You will find detailed nosepiece allocation tables on page 353.



SN 2 (from May 2010)

Spare part no.	Article no.	Designation
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



Battery powered blind rivet setting tools

AccuBird®

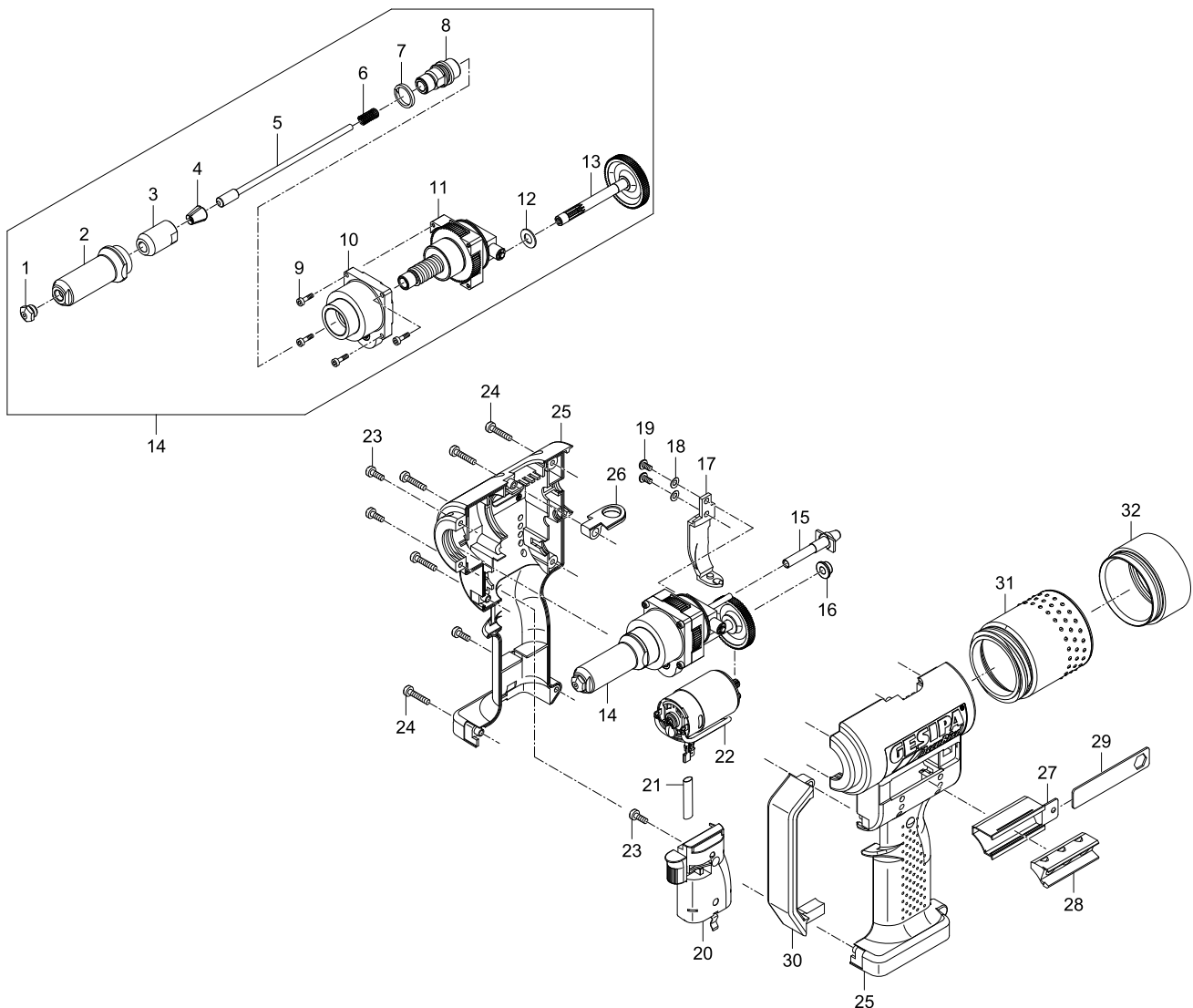
Spare part no.	Article no.	Designation
1 •	143 4955	Nosepiece 17/24
	143 4973	Nosepiece 17/27
	143 4974	Nosepiece 17/29
	143 4975	Nosepiece 17/32
2	143 4956	Head
3 •	143 4129	Jaw housing
4 •	143 4958	Jaws (3-part)
	143 4173	Jaws (3-part) BT
5 •	143 4959	Jaw pusher
	143 4992	Jaw pusher BT
6 •	144 5314	Compression spring
7	143 4966	Wiper
8	143 4957	Adapter
9	144 5768	Allen screw
10	143 5027	Bearing, complete
11	145 7363	Ballscrew drive, mounted
12	143 4967	Stop disc
13	143 5028	Pinion shaft, complete
14	145 7361	Drive, complete (Items 1-13)
15	143 4952	Plastic tube

Spare part no.	Article no.	Designation
16	144 5763	Sintered-metal bushing
17	143 5031	Magnetic holder, complete
18	144 5770	Spring washer
19	144 5769	Magnetic holder screw
20	146 2906	E-control
21	144 5774	Hose, silicone
22 •	143 5030	Motor, complete
23	144 5773	Housing screw, short
24	144 5772	Housing screw, long
25	145 7364	Housing, complete
26	143 5017	Hanger
27	143 5016	Nosepiece magazine
28	143 4978	Magazine insert
29	144 5760	Key
30	143 4953	Protection bracket
31	143 5032	Spent mandrel container, complete
32	143 5034	Extension
	143 5033	Changeover set for BULB-TITE® (BT), complete
	146 2907	Safety lubricating grease, 40g tube

• Wearing parts

* for BULB-TITE® blind rivets

You will find detailed nosepiece allocation tables on page 354.



Battery powered blind rivet setting tools

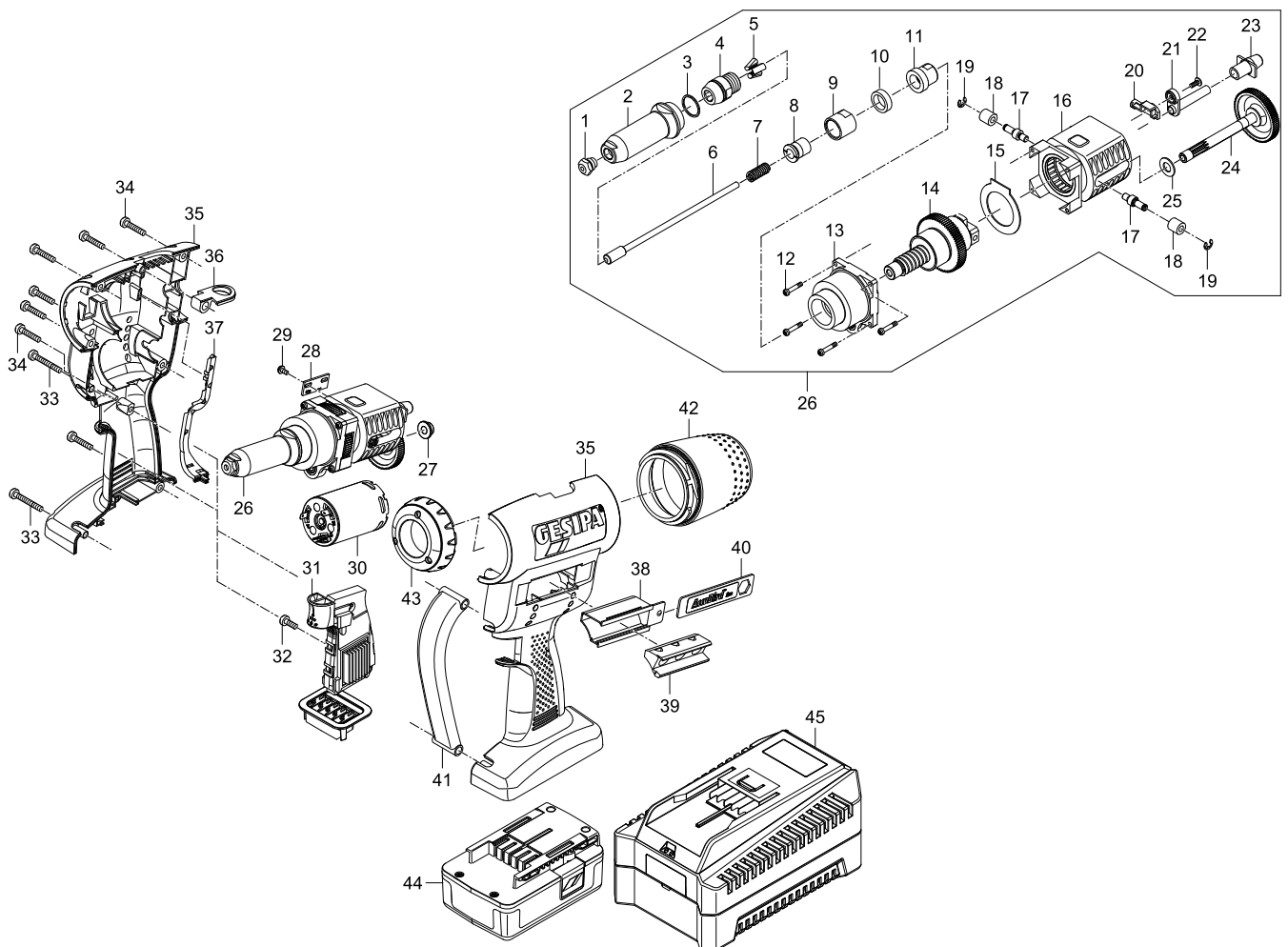
AccuBird® Pro

Spare part no.	Article no.	Designation
1 •	143 4955	Nosepiece 17/24
	143 4973	Nosepiece 17/27
	143 4974	Nosepiece 17/29
	143 4975	Nosepiece 17/32
2	143 6003	Steel head sleeve
3 •	144 6012	O-ring
4 •	143 5392	Jaw housing
5 •	143 5568	Jaws (3-part)
6 •	143 5448	Jaw pusher
7 •	143 5412	Spring
8	143 5413	Connector
9	143 5414	Threaded bush
10	143 5445	Spring
11	143 5386	Adapter
12	144 5768	Screw
13	143 5398	Bearing, complete
14	143 5406	Ball screw drive
15	143 4962	Washer
16	143 5397	Bearing cage, complete
17	143 5385	Pin
18	143 4970	Sintered metal roller
19	144 5790	Lock washer
20	145 0817	Magnet
21 •	143 5393	Channel tube
22	144 5990	Screw
23 •	143 4874	Tube, short
24	143 5449	Pinion shaft
25	143 4967	Washer

Spare part no.	Article no.	Designation
26	145 0856	Drive unit, complete (1-25)
27	144 5763	Sintered-metal bushing
28	143 5408	Plate
29	144 5989	Screw
30	145 0857	Motor, complete
31	143 5451	Control
32	144 5773	Screw, short
33	144 5987	Screw
34	144 5772	Screw, long
35	143 5401	Housing, complete
36	143 5017	Hanger
37	143 5403	Cable duct
38	143 5016	Nosepiece magazine
39	143 4978	Magazine insert
40	145 0858	Power Bird Pro key, complete
41	143 5399	Tool bar
42	143 5396	Spent mandrel container, complete
43	145 7644	Light, complete
44 •	145 7641	Battery
45	145 7642	Battery charger (EU)
	145 7649	Battery charger (USA)

• Wearing parts

You will find detailed nosepiece allocation tables on page 354.



Battery powered blind rivet setting tools

PowerBird® and PowerBird® Gold Edition* – *tool no longer available

Spare part no.	Article no.	Designation
1 •	143 4975	Nosepiece 17/32
	143 4977	Nosepiece 17/36
	143 4999	Nosepiece 17/40
	143 4860	Nosepiece 17/45
2	143 4956	Head
3	143 4129	Jaw housing
4 •	143 4104	Jaws (3-part)
	143 4173	Jaws for 17/48 BT*
	143 4240	Jaws for 106/14 MG
5 •	143 4861	Jaw pusher (for BN > Ø 5)
	143 4872	Jaw pusher
6 •	144 5747	Compression spring
7	143 4966	Wiper
8	143 4864	Adapter
9	144 5768	Allen screw
10	143 5027	Bearing, complete
11	143 4867	Ballscrew drive, mounted
12	143 4967	Stop disc
13	143 5028	Pinion shaft, complete
14	145 7228	Drive complete (1-13)
15	143 4871	PB tube
16	143 4873	Angle
17	143 4874	P tube, short
18	144 5763	Sintered-metal bushing
19	143 5031	Magnetic holder, complete

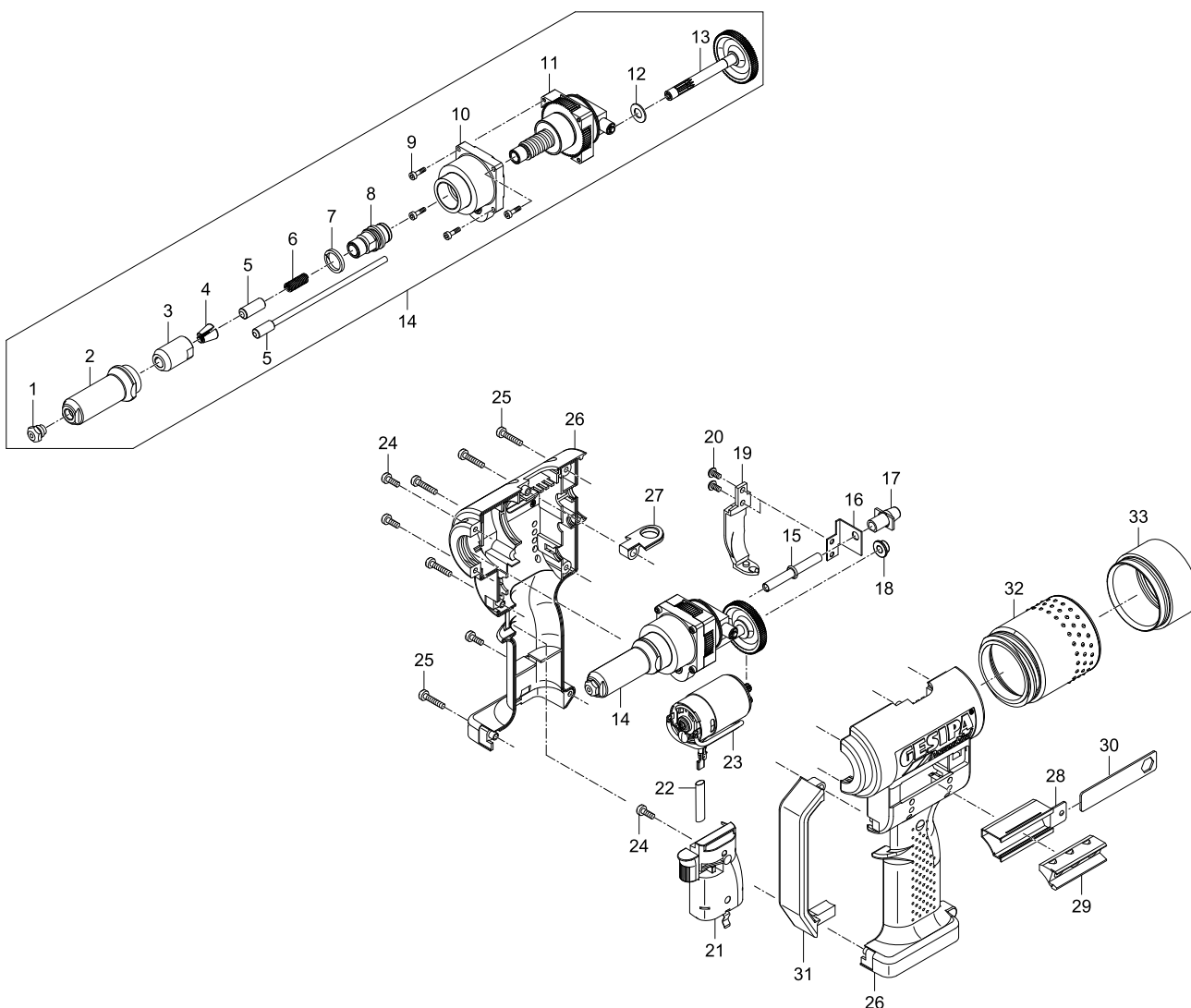
Spare part no.	Article no.	Designation
20	144 5769	Magnetic holder screw
21	146 2904	E-control
	143 4835	E-control for Gold Edition
22	144 5774	Hose, silicone
23 •	143 4862	Motor, complete
24	144 5773	Housing screw, short
25	144 5772	Housing screw, long
26	143 4845	Housing, complete
27	143 5017	Hanger
	144 5746	Hanger, Gold Edition
28	143 5016	Nosepiece magazine
29	143 4978	Magazine insert
30	144 5760	Key
31	143 4953	Protection bracket
32	143 5032	Spent mandrel container, complete
	143 4851	Spent mandrel container, complete for Gold Edition
33	143 5034	Extension
	146 2907	Safety lubrication grease 40 g tube

• Wearing parts

* for BULB-TITE® Blind rivets

** for MEGA GRIP® Blind rivets

You will find detailed nosepiece allocation tables on page 354.



Battery powered blind rivet setting tools

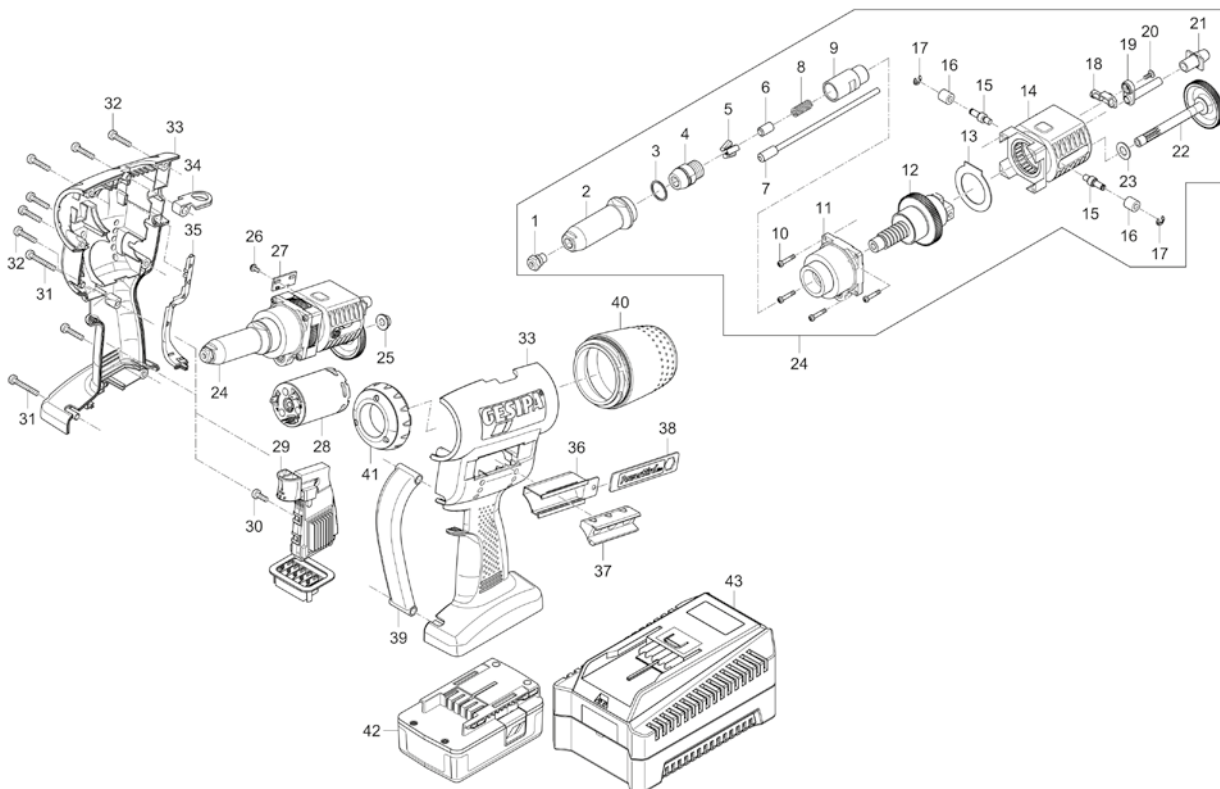
PowerBird® Pro and PowerBird® Pro Gold Edition

Spare part no.	Article no.	Designation
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

Spare part no.	Article no.	Designation
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 354.



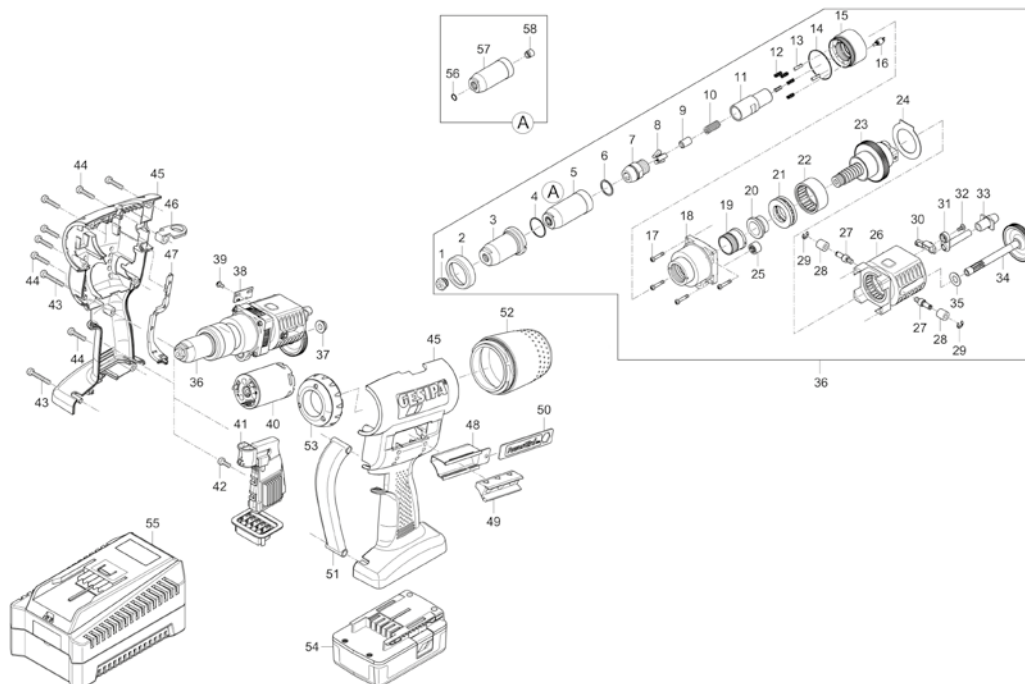
Battery powered blind rivet setting tools

Bird Pro series with spring-loaded trigger system

Spare part no.	Article no.	Designation
1 •	143 5591	Nosepiece 17/18 AV Support sleeve AV 1 complete
	143 4990	Nosepiece 17/20 AV Support sleeve AV 1 complete
	143 4991	Nosepiece 17/22 AV Support sleeve AV 1 complete
	143 5592	Nosepiece 17/24 AV Support sleeve AV 2 complete
	143 5593	Nosepiece 17/27 AV Support sleeve AV 2 complete
	143 5594	Nosepiece 17/29 AV Support sleeve AV 2 complete
	143 5595	Nosepiece 17/32 AV Support sleeve AV 2 complete
	143 5596	Nosepiece 17/36 AV Support sleeve AV 3 complete
	143 5597	Nosepiece 17/40 AV Support sleeve AV 3 complete
	143 5598	Nosepiece 17/45 AV Support sleeve AV 3 complete
2	143 5423	Union nut
3	143 5421	Steel head sleeve
4	143 4253	O-ring
5	145 0825	Support sleeve AccuBird®
	145 0826	Support sleeve PowerBird®
6 •	144 6012	O-ring
7 •	143 5392	Jaw housing
8 •	143 5568	Jaws (3-part)
9 •	143 5384	Jaw Pusher PowerBird® Pro
	143 5448	Jaw Pusher AccuBird® Pro
10	143 5412	Spring
11	157 3351	Adapter AV
12 •	144 5994	Spring
13	144 5991	Grooved dowel pin
14	144 6053	O-ring
15	143 5418	Casing
16	144 5992	Switch
17	144 5768	Screw
18	143 5419	Bearing
19	143 5417	Adapter
20	143 4961	Sleeve
21	144 5767	Bearing
22	144 5766	Needle bearing
23	143 5406	Ball screw drive
24	143 4962	Washer
25	144 5764	Needle bearing
26	143 5397	Bearing cage
27	143 5385	Pin
28	143 4970	Sintered metal roller

Spare part no.	Article no.	Designation
29	144 5790	Lock washer
30	145 0817	Magnetic holder
31 •	143 5393	Channel tube
32	144 5990	Screw
33 •	143 4874	Tube
	143 5395	Pinion shaft PowerBird® Pro GE
34	143 5442	Pinion shaft PowerBird® Pro
	143 5449	Pinion shaft AccuBird® Pro
35	143 4967	Washer
	145 0829	Drive unit PowerBird® Pro GE AV max. Ø 4,5 mm
36	151 9075	Drive unit PowerBird® Pro AV max. Ø 4,5 mm
	151 9074	Drive unit AccuBird® Pro AV max. Ø 3,2 mm
37	144 5763	Sintered-metal bushing
38	143 5408	Plate
39	144 5989	Screw
	145 7645	Motor, complete PowerBird® Pro GE
40	146 3584	Motor, complete PowerBird® Pro
	145 0857	Motor, complete AccuBird® Pro
	146 3926	Control PowerBird® Pro GE AV
41	150 1672	Control PowerBird® Pro AV
	150 1673	Control AccuBird® Pro GE AV
42	144 5773	Screw, short
43	144 5987	Screw
44	144 5772	Screw, long
45	143 5401	Housing, complete
	144 5746	Hanger PowerBird® Pro GE
46	143 5416	Hanger PowerBird® Pro
	143 5017	Hanger AccuBird®
47	143 5403	Cable duct
48	143 5016	Nosepiece magazine
49	143 4978	Magazine insert
50	145 7646	Key PowerBird® Pro
	145 0858	Key AccuBird® Pro
51	143 5399	Tool bar
52	143 5396	Spent mandrel container, complete
53	145 7644	Light, complete
54 •	145 7641	Battery
	145 7642	Battery charger (EU)
55	145 7649	Battery charger (USA)
56	144 6010	Snap ring
57	143 5600	Nosepiece AccuBird® Pro
	143 5601	Nosepiece 3
58	143 5422	Support sleeve

• Wearing parts



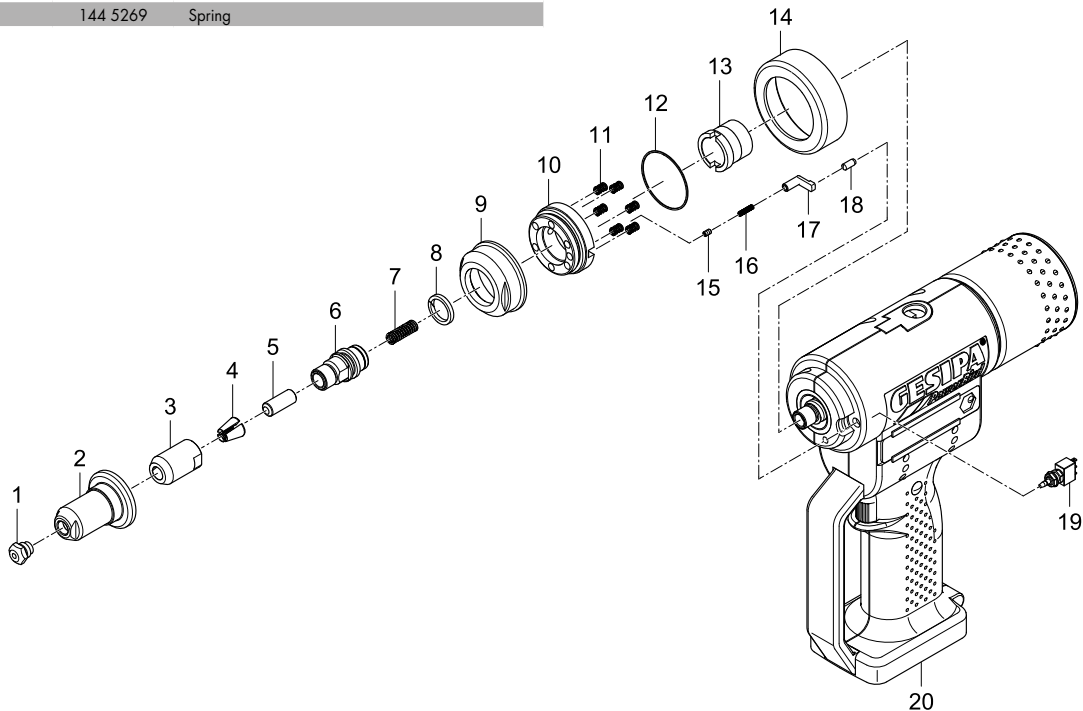
Battery powered blind rivet setting tools

Spring loaded trigger system for PowerBird®

Spare part no.	Article no.	Designation
1 •	143 4975	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 4104	Jaws (3-part)
5 •	143 4861	Jaw pusher
6	143 4864	Adapter
7 •	144 5753	Compression spring
8	143 4966	Wiper
9	143 4888	Union nut
10	143 4886	Adapter
11	144 5269	Spring

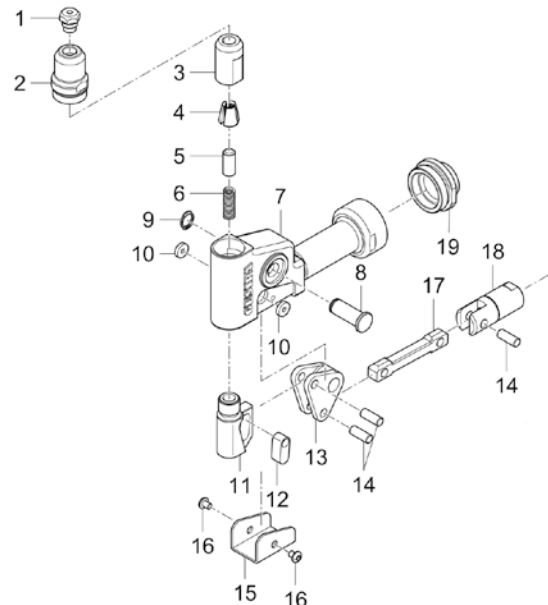
Spare part no.	Article no.	Designation
12	143 5529	O-ring
13	143 4885	Bushing
14	143 4890	Cover
15	144 5755	Stud bolt
16	144 5751	Spring
17	143 4887	Trigger
18	144 5328	Cylinder pin
19	144 5752	Push Button
20	143 4891	Housing, complete
	143 4892	E-control for spring loaded trigger system
	143 4815	Tube wrench required for assembly

• Wearing parts



AccuBird® and PowerBird® angle head 90°

Spare part no.	Article no.	Designation
1 •	143 4977	Nosepiece 17/36
2	143 5926	Steel head sleeve
3 •	143 5918	Jaw housing
4 •	143 4104	Jaws (3-part)
5 •	143 4992	Jaw Pusher
6 •	144 5747	Spring
7	145 0624	Housing, complete
8	143 5911	Axis bolt
9	144 5545	Snap ring
10	143 5914	Spacer
11	143 5940	Lock activator
12	143 5935	Coupler
13	143 5936	Angle
14	143 5908	Bolt
15	143 5963	Protecting cap
16	144 6013	Screw
17	143 5938	Lock activator
18	145 0623	Fork head
19	143 5959	Adapter



• Wearing parts

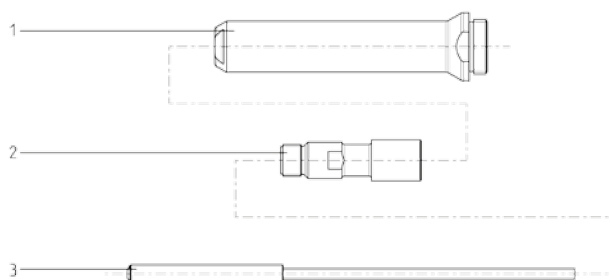
Accessories for battery powered blind rivet setting tools

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

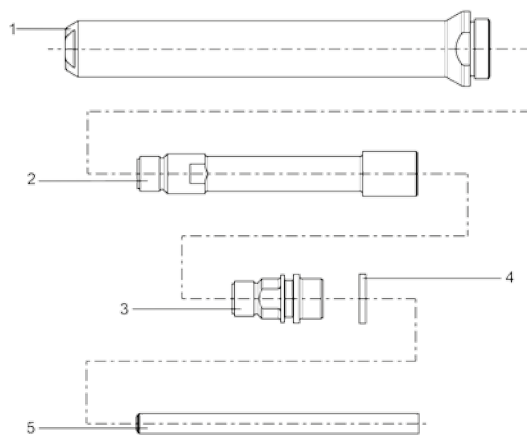
	Spare part no.	Article no.	Designation
50 mm	1	143 4836	Steel head sleeve
	2	143 4837	Extension piece
	3	143 4903	Jaw pusher
100 mm	1	143 4839	Steel head sleeve
	2	143 4840	Extension piece
	3	143 4996	Jaw pusher
150 mm	1	143 4841	Steel head sleeve
	2	143 4842	Extension piece
	3	143 4905	Jaw pusher



Extension unit for PowerBird®

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

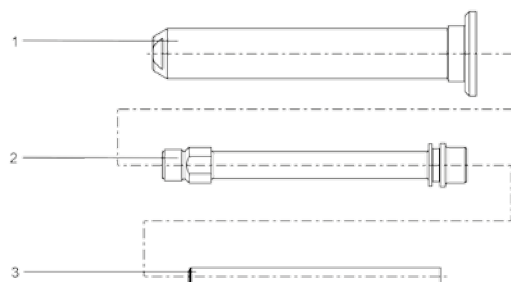
	Spare part no.	Article no.	Designation
50 mm	1	143 4836	Steel head sleeve
	2	143 4837	Extension piece
	3	143 4957	Adapter
	4	143 4966	Wiper
	5	143 4838	Jaw pusher
100 mm	1	143 4839	Steel head sleeve
	2	143 4840	Extension piece
	3	143 4957	Adapter
	4	143 4966	Wiper
	5	143 4870	Jaw pusher
150 mm	1	143 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

	Spare part no.	Article no.	Designation
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



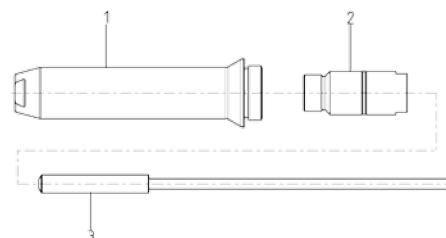
Accessories for battery powered blind rivet setting tools

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

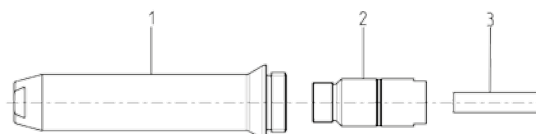
	Spare part no.	Article no.	Designation
+35 mm	1	143 5473	Steel head sleeve
	2	145 0832	Adapter
	3	143 5427	Jaw pusher
+85 mm	1	143 5476	Steel head sleeve
	2	145 0833	Adapter
	3	143 5428	Jaw pusher
+135 mm	1	143 5487	Steel head sleeve
	2	145 0834	Adapter
	3	143 5429	Jaw pusher



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

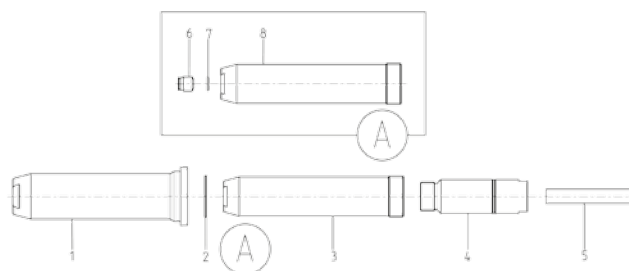
	Spare part no.	Article no.	Designation
+35 mm	1	143 5473	Steel head sleeve
	2	145 0832	Adapter
	3	143 5881	Intermediate bush
+85 mm	1	143 5476	Steel head sleeve
	2	145 0833	Adapter
	3	143 5882	Intermediate bush
+135 mm	1	143 5487	Steel head sleeve
	2	145 0834	Adapter
	3	143 5879	Intermediate bush



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

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

	Spare part no.	Article no.	Designation
+50 mm	1	143 5433	Steel head sleeve AV
	2	143 4253	O-ring
	3	145 0830	Support sleeve AV, complete
	4	145 0835	Adapter
	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	Adapter
	5	143 5903	Intermediate bush 1
	6	143 5601	Nosepiece
	7	144 6010	Snap ring
	8	143 5432	Support sleeve AV



Accessories for battery powered blind rivet setting tools

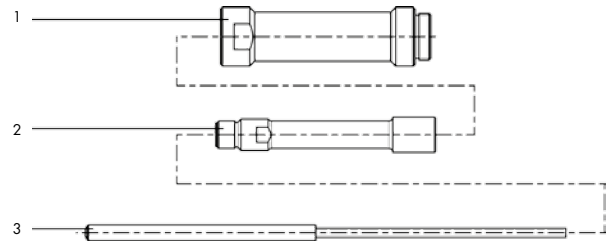
Multi-piece extension units

arbitrary extension of the tool head in 100 mm steps

AccuBird® extension unit 100 mm

Article no. 145 7318

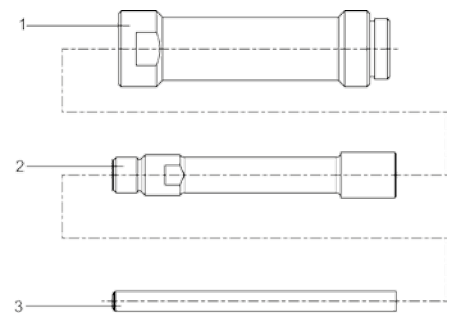
Spare part no.	Article no.	Designation
1	143 4995	Extension sleeve
2	143 4165	Extension piece
3	143 4996	Jaw pusher



PowerBird® extension unit 100 mm

Article no. 145 7229

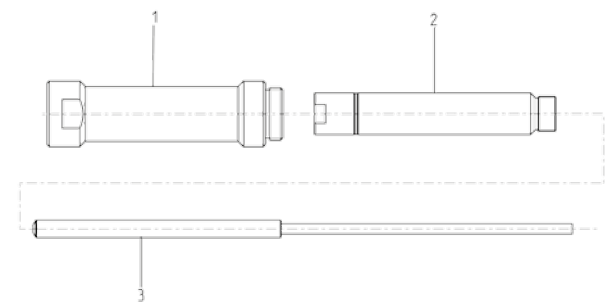
Spare part no.	Article no.	Designation
1	143 4995	Extension sleeve
2	143 4165	Extension piece
3	143 4870	Jaw pusher



AccuBird® Pro extension unit 100 mm

Article no. 145 0859

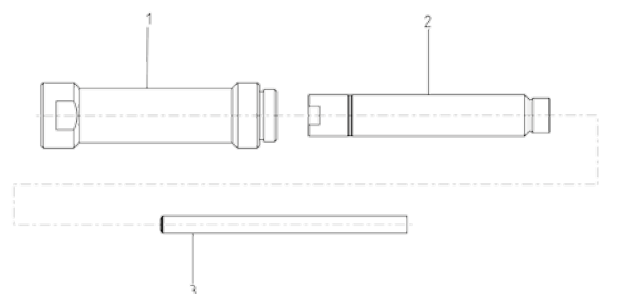
Spare part no.	Article no.	Designation
1	143 4995	Extension sleeve
2	145 0836	Adapter
3	143 5430	Jaw pusher



PowerBird® Pro Gold Edition extension unit 100 mm

Article no. 145 0820

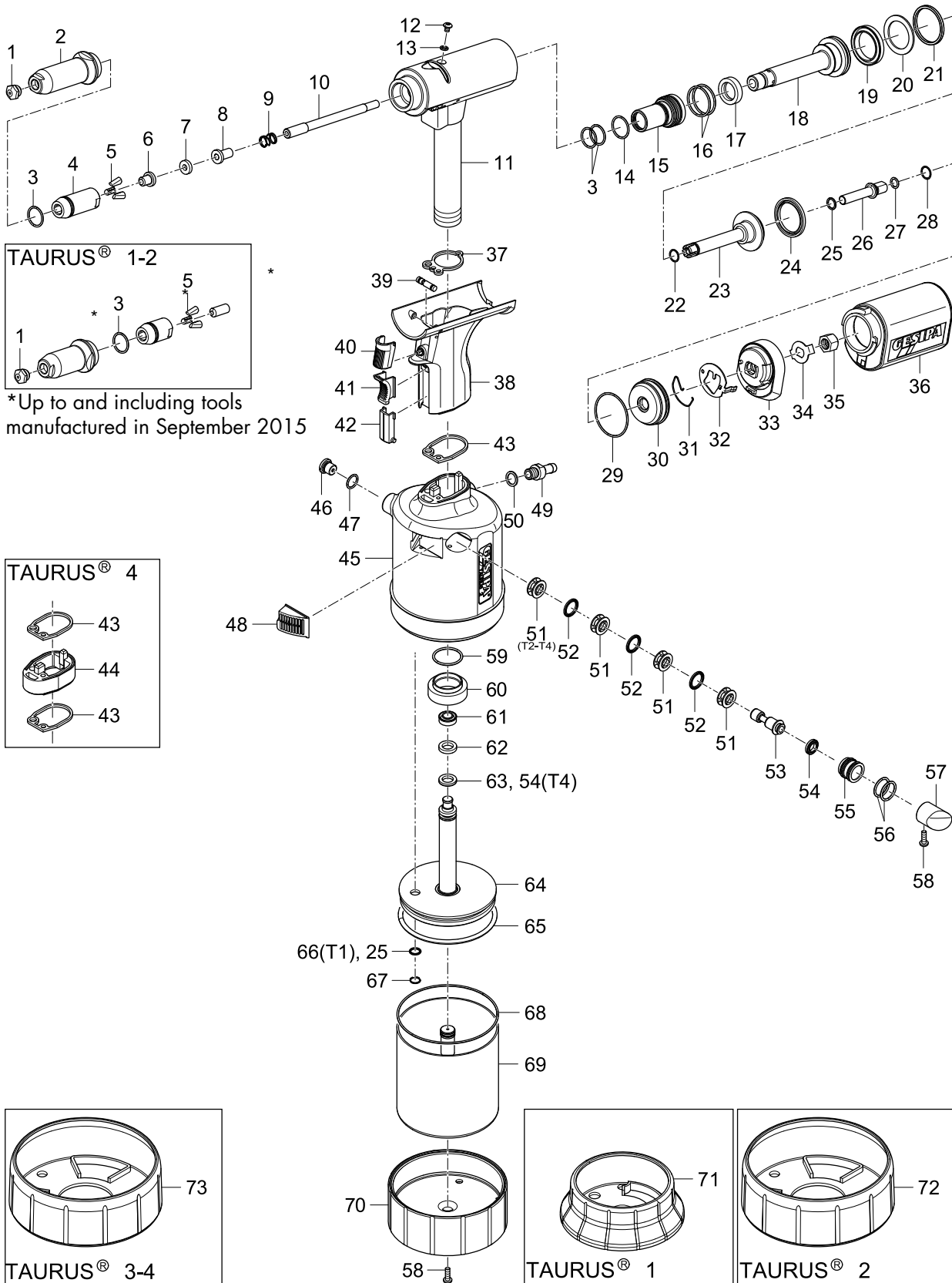
Spare part no.	Article no.	Designation
1	143 4995	Extension sleeve
2	145 0836	Adapter
3	143 4870	Jaw pusher



Hydro-pneumatic blind rivet setting tools

TAURUS® 1-4

Exploded drawing based on TAURUS® 2.
Specifications of other models in the boxes.



Hydro-pneumatic blind rivet setting tools

TAURUS® 1-4

Spare part no.	TAURUS®-Type	Article no.	Designation	
1 •	T1	143 4976	Nosepiece 17/18	
		143 4994	Nosepiece 17/20	
		143 5018	Nosepiece 17/22	
		143 4955	Nosepiece 17/24	
		143 4973	Nosepiece 17/27	
	T2	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	
2a *	T1, T2	143 5587	Steel head sleeve	
3 •		144 6012	O-ring	
4 •		143 6002	Jaw housing 4	
4a *	T1, T2	143 5574	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	
		6a *	T1	143 5565
6b *	T2	143 5776	Jaw pusher 2	
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	
	T1	145 7745	Tool head 1, assembled	
11	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 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		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		144 6028	Retaining spring	
32		143 5664	Retainer	
33		143 5663	Adapter	
34		143 5842	Lock washer	
35	T1	143 5849	Connecting piece nut 1	
	T2, T3, T4	143 5766	Connecting piece nut 2/3	
36	T1, T2	143 5677	Spent mandrel container, complete	
	T3, T4	143 5964	Spent mandrel container, complete	
37		143 5472	Flat gasket 1	
38		145 7748	Grip, complete	
39		145 7747	Distributing valve, complete	
40		144 6025	Activation button	
41		143 5642	Slider	
42		143 5686	Orifice	

Spare part no.	TAURUS®-Type	Article no.	Designation
43		143 5480	Flat gasket 2
44	T4	143 5998	Grip extension
	T1	145 7749	Air cylinder 1, complete
45	T2	145 7859	Air cylinder 2, complete
	T3	145 7950	Air cylinder 3, complete
	T4	145 7993	Air cylinder 4, complete
46		145 7750	Pressure relief valve, complete
47		143 5484	O-ring
	T1	151 5051	Silencer 1, complete
48	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
	T1	144 6026	Stopper 1
58	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
63	T4	143 6007	Piston seal
	T1	143 5657	Guide ring 1
64	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
	T1	145 7751	Air piston 1, complete
	T2	145 7860	Air piston 2, complete
66	T3	145 7952	Air piston 3, complete
	T4	145 7994	Air piston 4, complete
67	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
68	T1	143 5659	Rod seal
69	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	V-profile ring
70	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
	T1	145 7752	Cylinder 1, complete
71	T2	145 7861	Cylinder 2, complete
	T3	145 7953	Cylinder 3, complete
	T4	145 7995	Cylinder 4, complete
	T1	143 5508	Bottom 1
72	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
	T1	143 6394	Rubber foot 1
73	T2	143 6371	Rubber foot 2
74	T3, T4	143 5900	Rubber foot 3 - 4
75	T2, T3	145 7863	Jaw pusher changeover set
	T1	145 7700	Changeover set
76	T2, T3, T4	145 7703	Changeover set
		144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

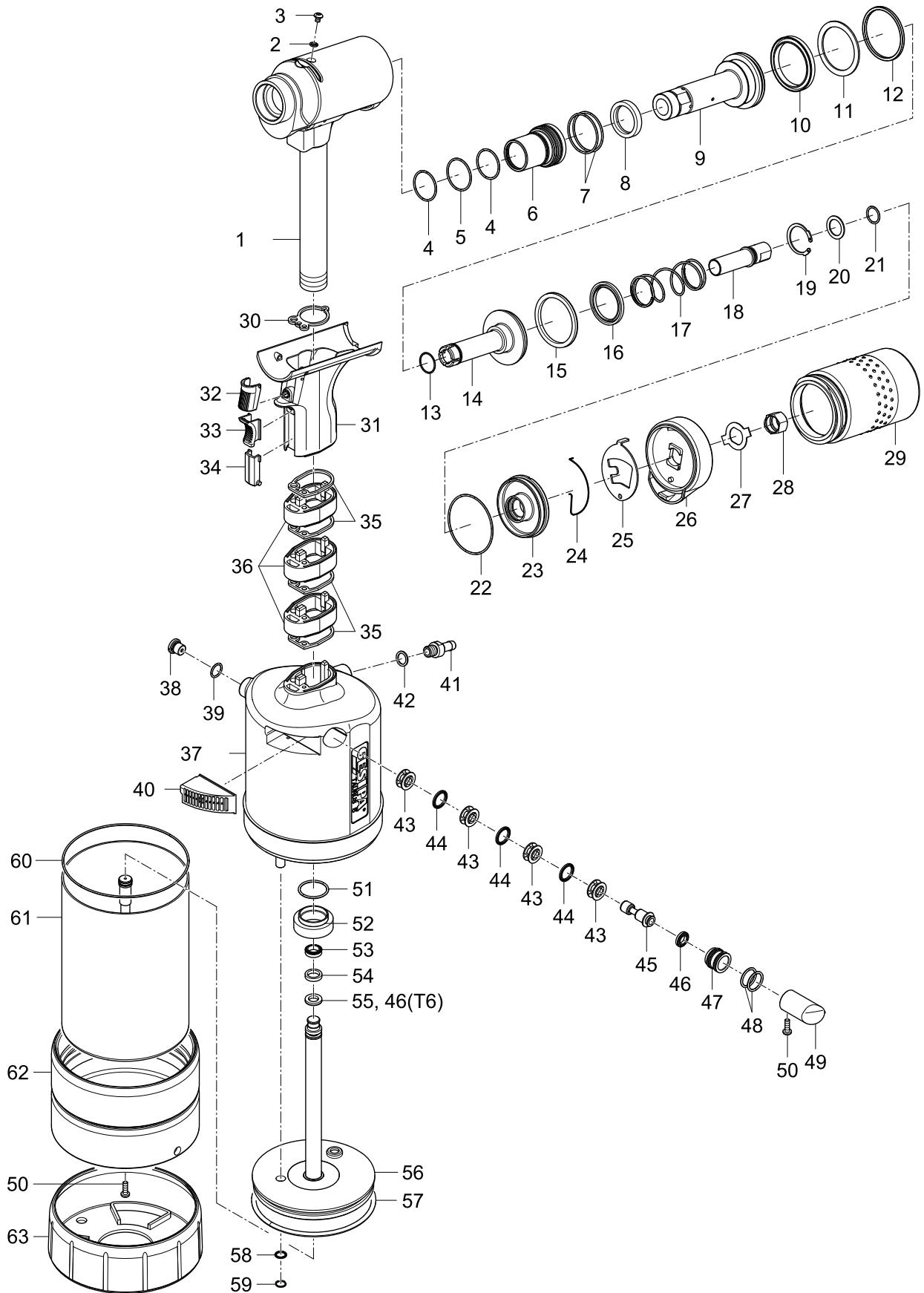
* Up to and including tools manufactured in September 2015.

You will find detailed nosepiece allocation tables on page 354.

You will find spare part kits for TAURUS® 1-4 on page 386.

Hydro-pneumatic blind rivet setting tools

TAURUS® 5-6



Hydro-pneumatic blind rivet setting tools

TAURUS® 5-6

Spare part no.	TAURUS®-Type	Article no.	Designation
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

Spare part no.	TAURUS®-Type	Article no.	Designation
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

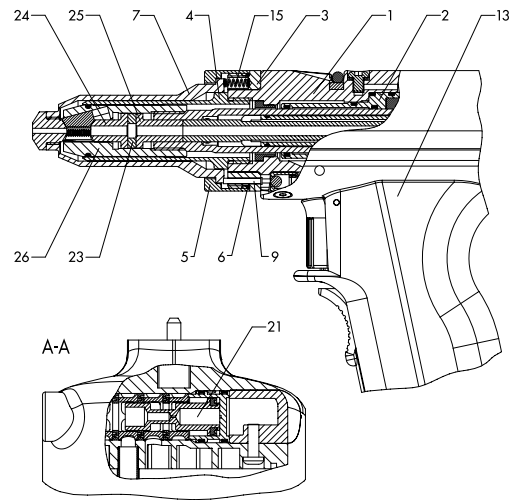
• Wearing parts

Hydro-pneumatic blind rivet setting tools

Spring loaded trigger system for TAURUS® 1-4 up to June 2013

Spare part no.	TAURUS®-Type	Article no.	Designation
1 a	T1	145 7696	Tool head 1, assembled
1 b	T2, T3	145 7842	Tool head 2, assembled
1 c	T4	145 7996	Tool head 4, assembled
2		145 7697	Seal holder AV
3		143 5498	Casing
4		143 6010	Guiding sleeve
5		143 5499	Union nut
6 •		143 5529	O-ring
7		143 5490	Steel head sleeve AV
9		145 7728	Stamp
13		145 7695	Grip AV, complete
15		144 5994	Spring
21		143 5497	Control piston AV
23		143 5999	Damping ring 4
24 a •	T1	143 5507	Jaw pusher 1
24 b •	T2	143 5768	Jaw pusher 2
24 c •	T3, T4	143 6000	Jaw pusher 4
25 a	T1	143 5509	Centre part 1
25 b	T2	143 5769	Centre part 2
25 c	T3, T4	143 6001	Centre part 4
26 •		143 6002	Jaw housing 4

• Wearing parts



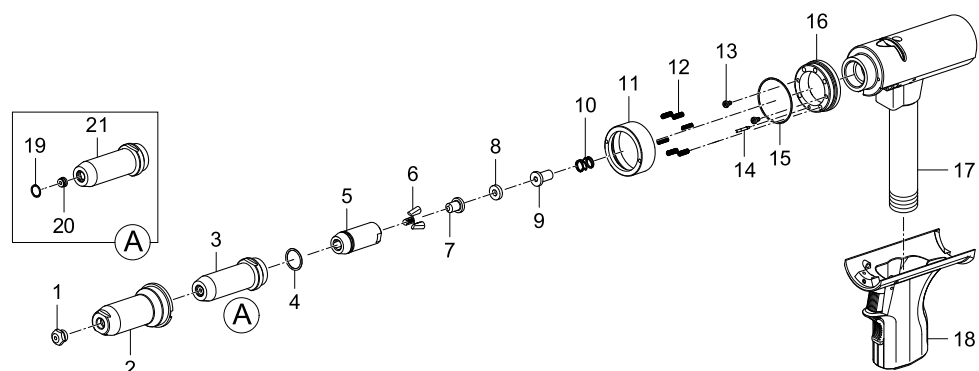
Spring loaded trigger system for TAURUS® 1-4 as from March 2013

Spare part no.	TAURUS®-Type	Article no.	Designation
1 •	T1	143 5591	Nosepiece 17/18 AV
		143 4990	Nosepiece 17/20 AV
		143 4991	Nosepiece 17/22 AV
		143 5592	Nosepiece 17/24 AV
	T2	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
4	T3, T4	145 0978	Support sleeve AV, complete
5		144 6012	O-Ring
6 •		143 6002	Jaw housing 4
7		143 5568	Jaws (3-part)
	T1	143 5507	Jaw pusher 1
	T2	143 5768	Jaw pusher 2
8	T3, T4	143 6000	Jaw pusher 4
8		143 5999	Damping ring 4

Spare part no.	TAURUS®-Type	Article no.	Designation
9	T1	143 5509	Centre part 1
	T2	143 5769	Centre part 2
	T3, T4	143 6001	Centre part 4
10*		146 3064	Spring*
11		143 5499	Union nut
12		144 5994	Spring
13		144 5995	Allen screw
14		152 4521	Stamp
15		143 5529	O-Ring
16		143 5498	Casing
17	T1	145 7696	Tool head 1, assembled
	T2, T3	145 7842	Tool head 2, assembled
	T4	145 7996	Tool head 4, assembled
18		145 7695	Grip AV, complete
19		144 6010	Snap ring
20	T1	143 5599	Nosepiece Ø 2,5
	T2	143 5600	Nosepiece Ø 3,2
	T3, T4	143 5601	Nosepiece Ø 4,5
21		143 5467	Support sleeve AV

• Wearing parts

* The spring has been installed since 08.09.2015.



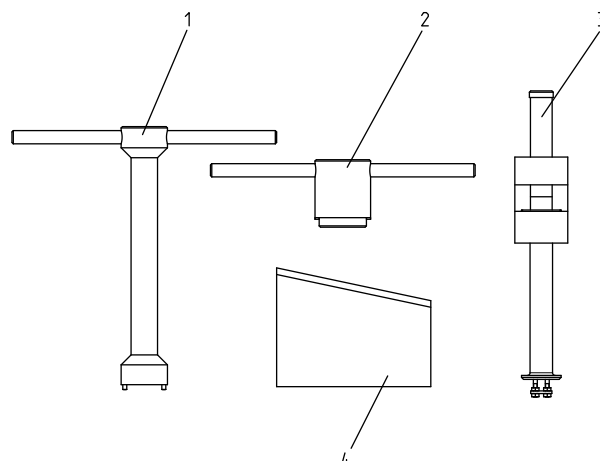
Accessories for TAURUS® blind rivet setting tools

Repair tools for TAURUS®

Article no. 145 7735

Spare part no.	Article no.	Designation
1	143 5672*	Allen key
2	144 6031*	Slot wrench
3	143 5674*	Clamp element for Taurus tool head
4	143 5673	Assembly device

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



Changeover set spent mandrel container

as for PH 2000

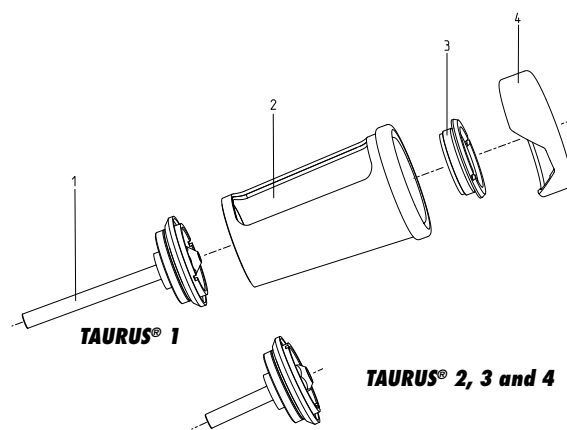
for TAURUS® 1:

Article no. 145 7700

for TAURUS® 2,3,4:

Article no. 145 7703

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

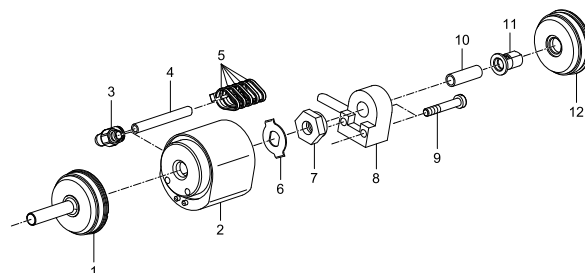


Rivet counter sensor changeover set for TAURUS® 1-4

for TAURUS® 1 Article no. 145 7698

for TAURUS® 2-4 Article no. 151 6858

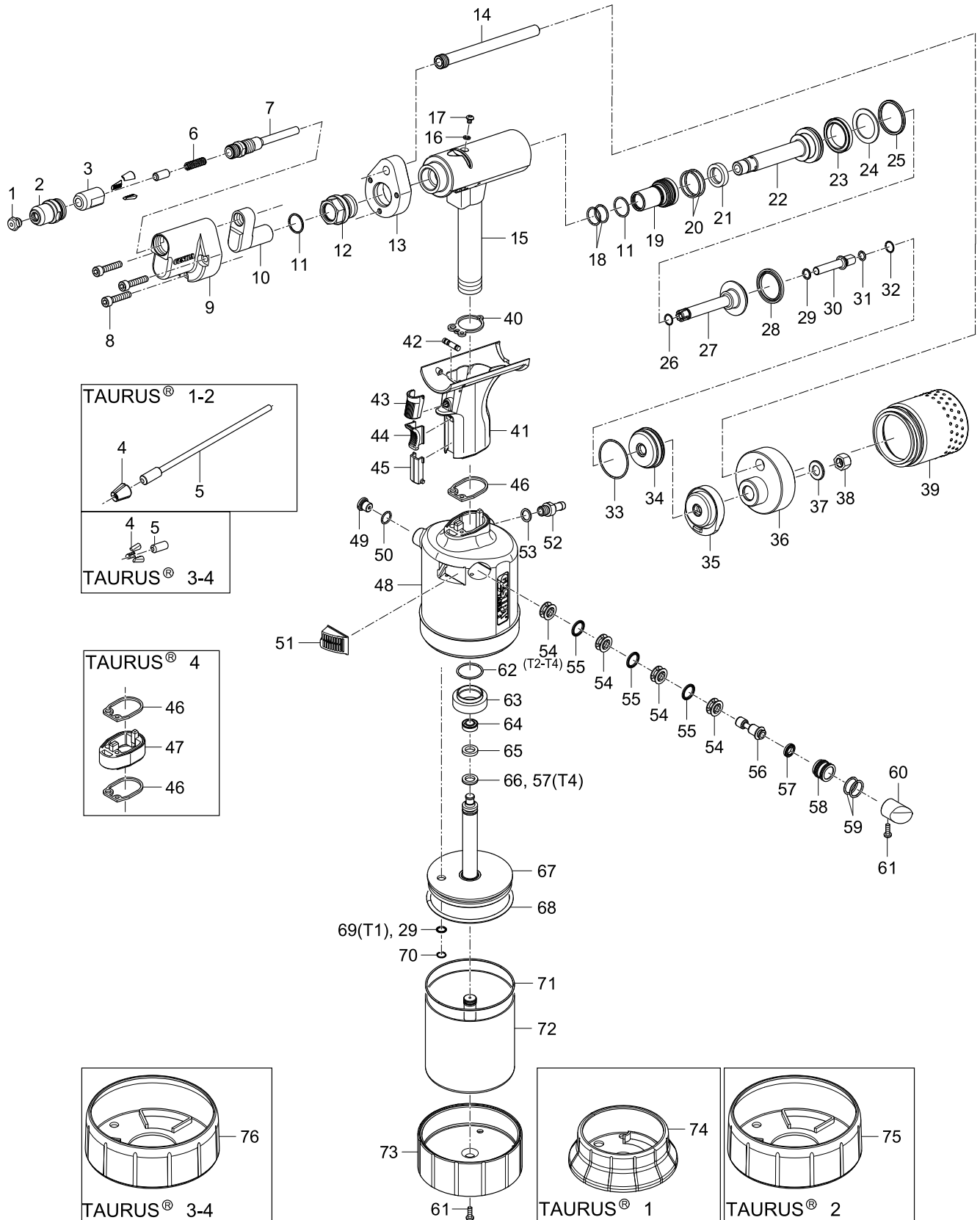
Spare part no.	TAURUS®-Type	Article no.	Designation
1	T2, T3, T4	151 6859	End cap
2		143 5514	Housing
3		144 6002	Screw connection
4		144 6004	Hose
5		144 5518	Cable tie
6		143 5515	Locking washer
7		143 5522	Nut
8		143 5523	Ring sensor
9		144 6001	Allen screw
10		143 5525	Tube
11		143 5526	Connecting piece
12		143 5532	End cap



Accessories for TAURUS® blind rivet setting tools

TAURUS® 1-4 with parallel head

Article no. 145 0885



Accessories for TAURUS® blind rivet setting tools

TAURUS® 1-4 with parallel head

Spare part no.	TAURUS®-Type	Article no.	Designation
1	T1	143 4976	Nosepiece 17/18
		143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
		143 4955	Nosepiece 17/24
	T2	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 5926	Steel head sleeve
3 •		143 5918	Jaw housing
4 •	T1, T2	143 4958	Jaws (3-part) up to rivet-Ø 4 mm (Nosepiece 17/24)
	T3, T4	143 4104	Jaws (3-part)
5 •	T1, T2	143 4959	Jaw Pusher
	T3, T4	143 4992	Jaw Pusher
6 •		144 5747	Spring
7		143 5616	Nozzle tube
8		144 5976	Allen screw
9		143 5617	Housing
10		143 5619	Lock activator
11		143 5629	O-ring
12		144 6019	Intermediate screw
13		143 5618	Baseplate
14		143 5613	Suction nozzle
15	T1	145 7745	Tool head 1, assembled
	T2, T3	145 7856	Tool head 2, assembled
	T4	145 7992	Tool head 4, assembled
16		144 6013	Oil screw plug
17		143 5612	Sealing ring M4
18		144 6012	O-ring
19		143 5681	Seal holder, complete
20		143 4227	O-ring
21		143 5630	Rod seal
22		143 5631	Draw bar
23		143 5632	Piston seal
24		143 5488	Supporting ring
25		143 5485	Piston seal
26		143 5671	O-ring
27		145 7746	Resetting piston, complete
28		143 5633	Piston seal
29		143 5635	Rod seal
30	T1	143 5852	Connecting piece 1
	T2, T3, T4	143 5765	Connecting piece 2/3
31		143 5519	O-ring
32		144 6167	Snap ring
33		143 5524	O-ring
34		143 5532	End cap
35		143 5614	Connection adapter
36		143 5615	Adapter
37		144 6020	Washer
38		143 5766	Connecting piece nut
39		143 6058	Spent mandrel container
40		143 5472	Flat gasket 1
41		145 7748	Grip, complete
42		145 7747	Distributing valve complete
43		144 6025	Activation button
44		143 5642	Slider
45		143 5686	Orifice
46		143 5480	Flat gasket 2
47	T4	143 5998	Grip extension

Spare part no.	TAURUS®-Type	Article no.	Designation
48	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
49		145 7750	Pressure relief valve, complete
50		143 5484	O-ring
51	T1	151 5051	Silencer 1 complete
	T2	145 7862	Silencer 2 complete
	T3, T4	145 7956	Silencer 3 complete
52		143 5667	Connecting nipple
53		144 6030	Sealing ring
54		143 5648	Spacer cage
55		143 5647	Rod seal
56		143 6187	Control piston
57		143 5675	Piston seal
58		143 5652	Piston housing
59		143 5688	O-ring
60	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
	T3, T4	144 6100	Stopper 3
61		144 5773	Housing screw short
62		143 5486	O-ring
63		143 5492	Alu nut
64	T1	143 5658	Piston seal
	T2, T3	143 5841	Piston seal
	T4	143 6007	Piston seal
65	T1	143 5657	Guide ring 1
	T2, T3	143 5825	Guide ring 2
	T4	143 6007	Guide ring 4
66	T1	143 5656	Piston seal
	T2, T3	143 5670	Piston seal
67	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
68	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
69		143 5659	Rod seal
70	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	V-ring
71	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
72	T1	145 7752	Cylinder 1 complete
	T2	145 7861	Cylinder 2 complete
	T3	145 7953	Cylinder 3 complete
	T4	145 7995	Cylinder 4 complete
73	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
74		143 6394	Rubber foot 1
75		143 6371	Rubber foot 2
76	T3, T4	143 5900	Rubber foot 3-4
		144 5294	Hydraulic oil refill bottle 100ml

• Wearing parts

You will find detailed nosepiece allocation tables on page 354.

Accessories for TAURUS® blind rivet setting tools

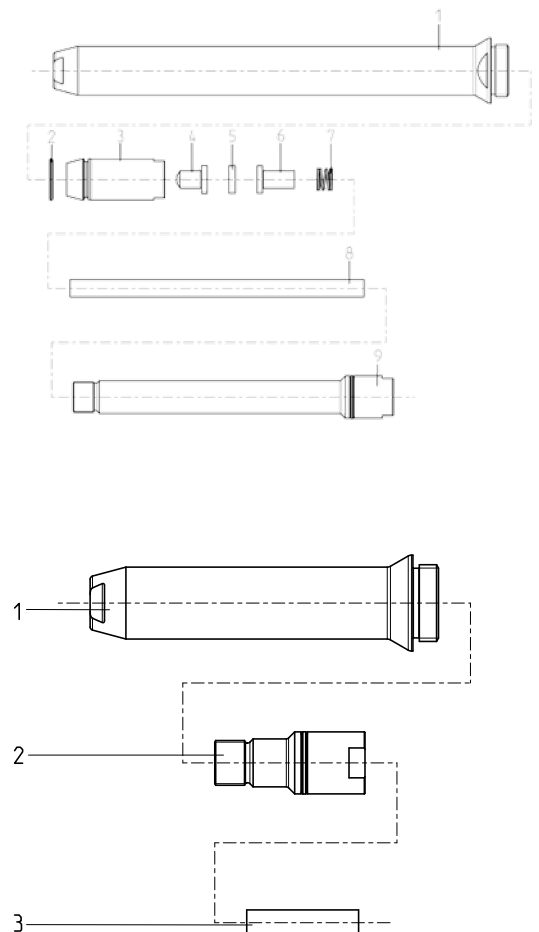
One-piece extension units

Extension unit for TAURUS® 1- 4 (up to and including September 2015)

for TAURUS® 1	50 mm:	Article no.	145 7736
for TAURUS® 1	100 mm:	Article no.	145 7738
for TAURUS® 1	150 mm:	Article no.	146 4042
for TAURUS® 2	50 mm:	Article no.	145 7837
for TAURUS® 2	100 mm:	Article no.	145 7838
for TAURUS® 2	150 mm:	Article no.	145 7847
for TAURUS® 2	200 mm:	Article no.	145 7845
for TAURUS® 3 and 4	+35 mm:	Article no.	145 7932
for TAURUS® 3 and 4	+85 mm:	Article no.	145 7933
for TAURUS® 3 and 4	+135 mm:	Article no.	145 7937

Type	Extension	Spare part no.	Article no.	Designation
TAURUS® 1	50 mm	1	143 5473	Steel head sleeve
		2	145 7737	Adapter
		3	143 5474	Jaw pusher
	100 mm	1	143 5476	Steel head sleeve
		2	145 7739	Adapter
		3	143 5477	Jaw pusher
	150 mm	1	143 5487	Steel head sleeve
		2	144 6012	O-ring
		3	143 6002	Jaw housing
		4	143 5507	Jaw Pusher
		5	143 5999	Damping ring
		6	143 5509	Centre part
		7	146 3064	Spring
		8	143 5544	Intermediate bush
		9	143 5890	Adapter
TAURUS® 2	50 mm	1	143 5473	Steel head sleeve
		2	145 7737	Adapter
		3	143 5762	Jaw pusher
	100 mm	1	143 5476	Steel head sleeve
		2	145 7739	Adapter
		3	143 5763	Jaw pusher
	150 mm	1	143 5487	Steel head sleeve
		2	144 6012	O-ring
		3	143 6002	Jaw housing
		4	143 5768	Jaw Pusher
		5	143 5999	Damping ring
		6	143 5769	Centre part
		7	146 3064	Spring
		8	143 5792	Intermediate bush
		9	143 5890	Adapter
200 mm	1	143 5801	Steel head sleeve	
	2	145 0939	Adapter	
	3	143 5803	Jaw pusher	
TAURUS® 3 and 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

146 4042 / 145 7847



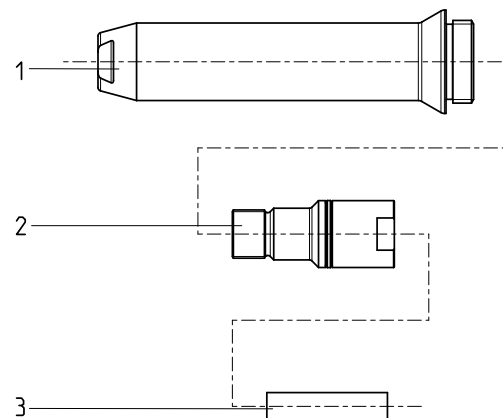
Accessories for TAURUS® blind rivet setting tools

One-piece extension units

Extension unit for TAURUS® 1- 4 (as from October 2015)

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

Type	Extension	Spare part no.	Article no.	Designation	
TAURUS® 1	+35 mm	1	143 5473	Steel head sleeve	
		2	145 7938	Adapter	
		3	146 4338	Intermediate bush	
	+85 mm	1	143 5476	Steel head sleeve	
		2	145 7939	Adapter	
		3	146 4339	Intermediate bush	
	+135 mm	1	143 5487	Steel head sleeve	
		2	143 5890	Adapter	
		3	143 5544	Intermediate bush	
TAURUS® 2	+35 mm	1	143 5473	Steel head sleeve	
		2	145 7938	Adapter	
		3	143 6100	Intermediate bush	
	+85 mm	1	143 5476	Steel head sleeve	
		2	145 7939	Adapter	
		3	143 5819	Intermediate bush	
	+135 mm	1	143 5487	Steel head sleeve	
		2	143 5890	Adapter	
		3	143 5792	Intermediate bush	
	+185 mm	1	143 5801	Steel head sleeve	
		2	146 4343	Adapter	
		3	146 4340	Intermediate bush	
	TAURUS® 3 and 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

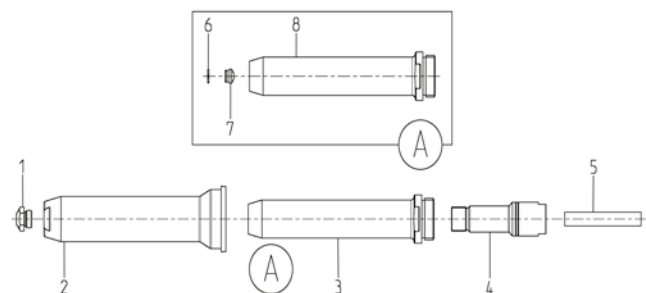
One-piece extension units

Extension unit for TAURUS® 1- 4 with spring-loaded trigger system (as from March 2013)

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

Type	Extension	Spare part no.	Article no.	Designation	
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	
			145 0888	Support sleeve AV, complete	
			145 7737	Adapter, complete	
			143 5553	Intermediate bush 1	
			144 6010	Snap ring	
	100 mm	143 5599	Nosepiece		
		143 5871	Support sleeve AV		
		143 5591	Nosepiece 17/18 AV		
		143 4990	Nosepiece 17/20 AV		
	TAURUS® 2	50 mm	1	143 5594	Nosepiece 17/29 AV
				143 5595	Nosepiece 17/32 AV
				143 5870	Steel head sleeve AV
				145 0944	Support sleeve AV, complete
2			145 7737	Adapter, complete	
			143 5798	Intermediate bush 2	
			144 6010	Snap ring	
			143 5600	Nosepiece	
TAURUS® 3 and 4	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	
			145 0945	Support sleeve AV, complete	
			145 7739	Adapter, complete	
			143 5797	Intermediate bush 2	
TAURUS® 3 and 4	50 mm	1	144 6010	Snap ring	
			143 5600	Nosepiece	
			143 5873	Support sleeve AV	
			143 5873	Support sleeve AV	

Type	Extension	Spare part no.	Article no.	Designation	
TAURUS® 3 and 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	
			145 0979	Support sleeve AV, complete	
			145 7737	Adapter, complete	
			143 5902	Intermediate bush 3/4	
			144 6010	Snap ring	
	100 mm	143 5601	Nosepiece		
		143 5871	Support sleeve AV		
		143 5596	Nosepiece 17/36 AV		
		143 5597	Nosepiece 17/40 AV		
	TAURUS® 3 and 4	100 mm	1	143 5598	Nosepiece 17/45 AV
				143 5872	Steel head sleeve AV
				145 0980	Support sleeve AV, complete
				145 7739	Adapter, complete
2			143 5903	Intermediate bush 3/4	
			144 6010	Snap ring	
			143 5601	Nosepiece	
			143 5873	Support sleeve AV	



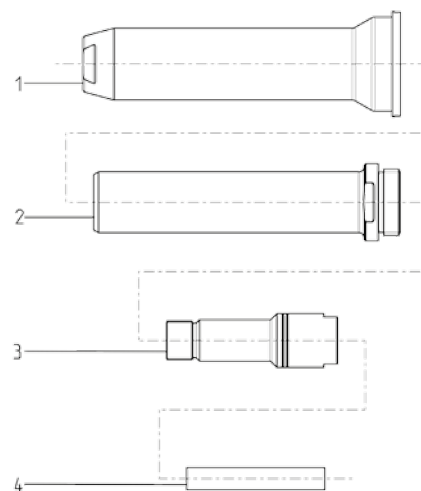
Accessories for TAURUS® blind rivet setting tools

One-piece extension units

Extension unit for TAURUS® 1- 4 spring-loaded trigger system (up to June 2013)

for TAURUS® 1	50 mm:	Article no. 152 5991
for TAURUS® 1	100 mm:	Article no. 145 7709
for TAURUS® 2	50 mm:	Article no. 145 7836
for TAURUS® 2	100 mm:	Article no. 145 7835
for TAURUS® 3 and 4	50 mm:	Article no. 145 7928
for TAURUS® 3 and 4	100 mm:	Article no. 145 7929

Type	Extension	Spare part no.	Article no.	Designation
TAURUS® 1	50 mm	1	143 5551	Steel head sleeve
		2	143 5554	Support sleeve
		3	145 7737	Adapter
		4	143 5553	Intermediate bush
	100 mm	1	143 5555	Steel head sleeve
		2	143 5557	Support sleeve
		3	145 7739	Adapter
		4	143 5556	Intermediate bush
TAURUS® 2	50 mm	1	143 5551	Steel head sleeve
		2	143 5554	Support sleeve
		3	145 7737	Adapter
		4	143 5798	Intermediate bush
	100 mm	1	143 5555	Steel head sleeve
		2	143 5557	Support sleeve
		3	145 7739	Adapter
		4	143 5797	Intermediate bush
TAURUS® 3 - 4	50 mm	1	143 5551	Steel head sleeve
		2	143 5554	Support sleeve
		3	145 7938	Adapter
		4	143 5902	Intermediate bush
	100 mm	1	143 5555	Steel head sleeve
		2	143 5557	Support sleeve
		3	145 7939	Adapter
		4	143 5903	Intermediate bush



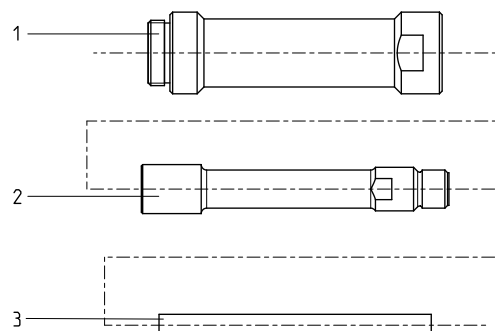
Multi-piece extension units

Extension modules for TAURUS® 1-4

arbitrary extension of the tool head in 100 mm steps

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

Type	Spare part no.	Article no.	Designation
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	Extensionstück
	3	143 5903	Intermediate bush



Accessories for TAURUS® blind rivet setting tools

Heads for TAURUS® 5-6

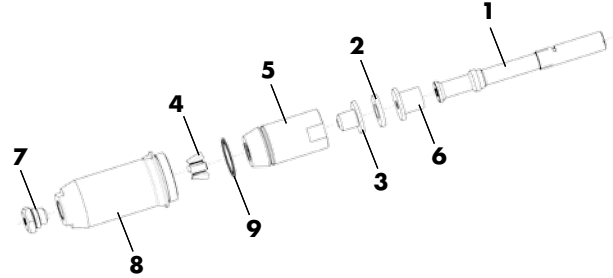
for 7.8mm (5/16") TIBULB structure rivet

Article no. 145 8008

Spare part no.	Article no.	Designation
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

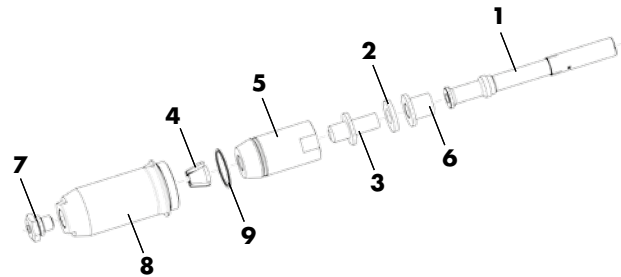


for 9.8mm (3/8") Magna-Lok® structure rivet

Article no. 145 8009

Spare part no.	Article no.	Designation
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



Accessories for TAURUS® blind rivet setting tools

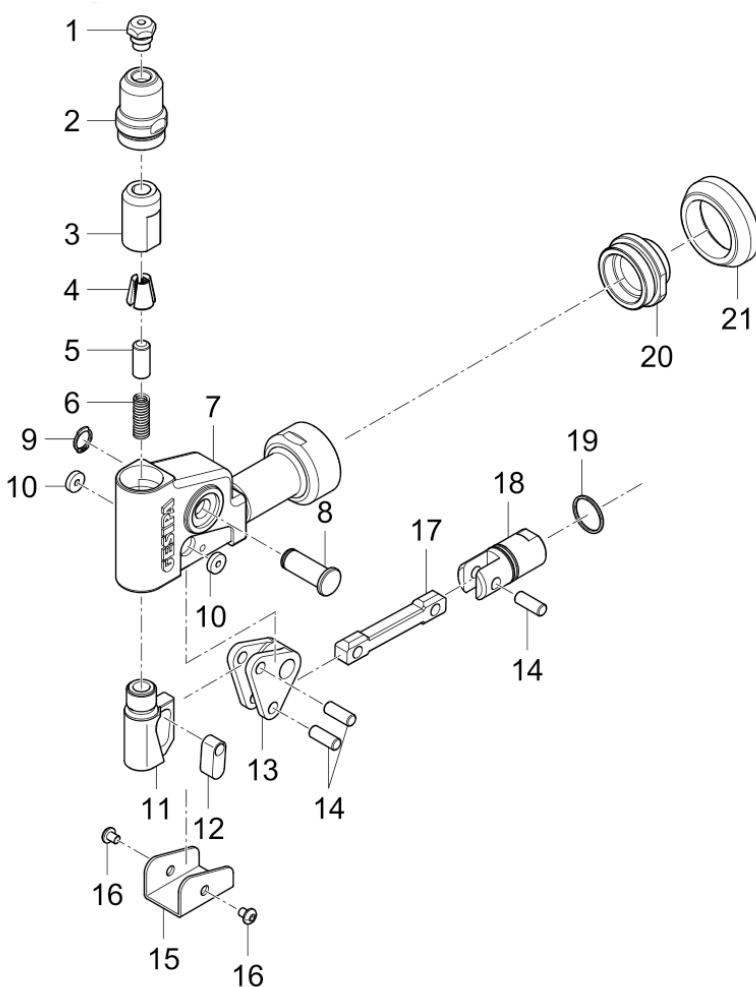
Angle heads for TAURUS® blind rivet setting tools

Angle head 90° compact for TAURUS® 1-2

Article no. 145 7921

Spare part no.	Article no.	Designation
1 •	143 4977	Nosepiece 17/36
2	143 5926	Steel head sleeve
3 •	143 5918	Jaw housing
4 •	143 4104	Jaws (3-part)
5 •	143 4992	Jaw Pusher
6 •	144 5747	Spring
7	145 0977	Housing
8	143 5911	Axis bolt
9	144 5545	Snap ring
10	143 5914	Spacer
11	143 5940	Lock activator
12	143 5935	Coupler
13	143 5936	Angle
14	143 5908	Bolt
15	143 5963	Protecting cap
16	144 6013	Screw
17	143 5938	Lock activator
18	143 5919	Fork head
19 •	144 6012	O-ring
20	143 5959	Adapter
21	143 5952	Ring

• Wearing parts



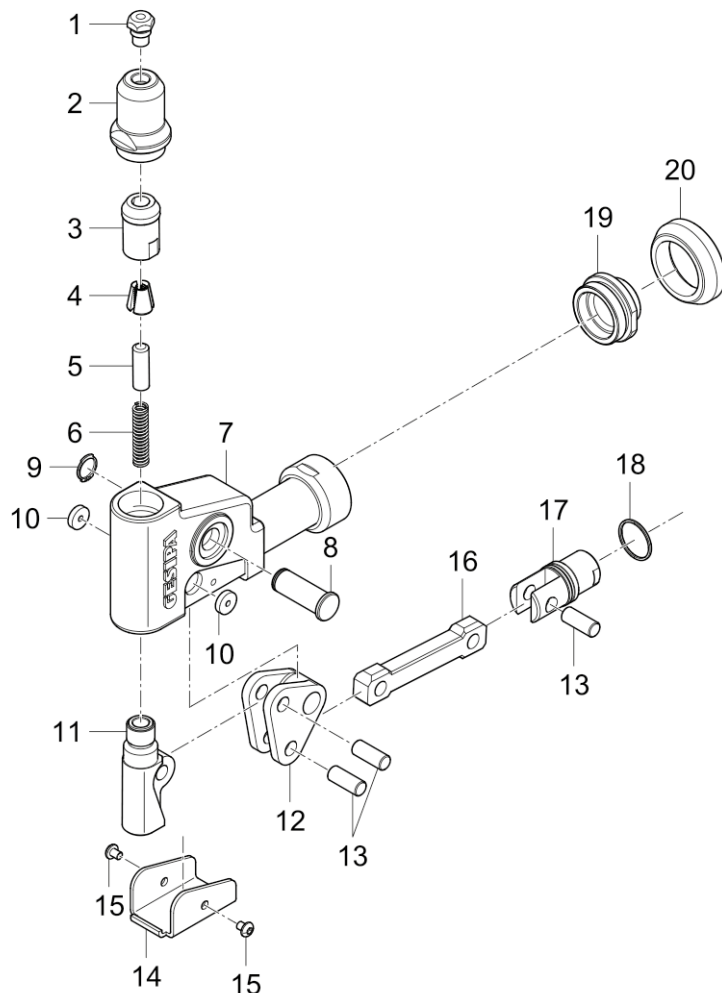
Accessories for TAURUS® blind rivet setting tools

Angle heads for TAURUS® blind rivet setting tools

Angle head 90° for TAURUS® 1- 4 (up to 31.01.2018)

Spare part no.	Article no.	Designation
1 •	143 4948	Nosepiece 17/45 Angle head
2	143 5955	Steel head sleeve
3 •	143 5946	Jaw housing
4 •	143 4173	Jaws (3-part)
	143 4958	Jaws (3-part) up to rivet Ø 4mm
5 •	143 4106	Jaw Pusher
6 •	144 5258	Spring
7	145 7961	Housing
8	143 5950	Axis bolt
9	144 6106	Snap ring
10	143 5947	Spacer
11	143 5949	Lock activator
12	143 5957	Angle
13	143 5948	Bolt
14	143 5954	Protecting cap
15	144 6013	Screw
16	143 5958	Lock activator
17	143 5951	Fork head
18 •	143 5603	O-ring
19	143 5959	Adapter
20	143 5952	Ring

• Wearing parts



Accessories for TAURUS® blind rivet setting tools

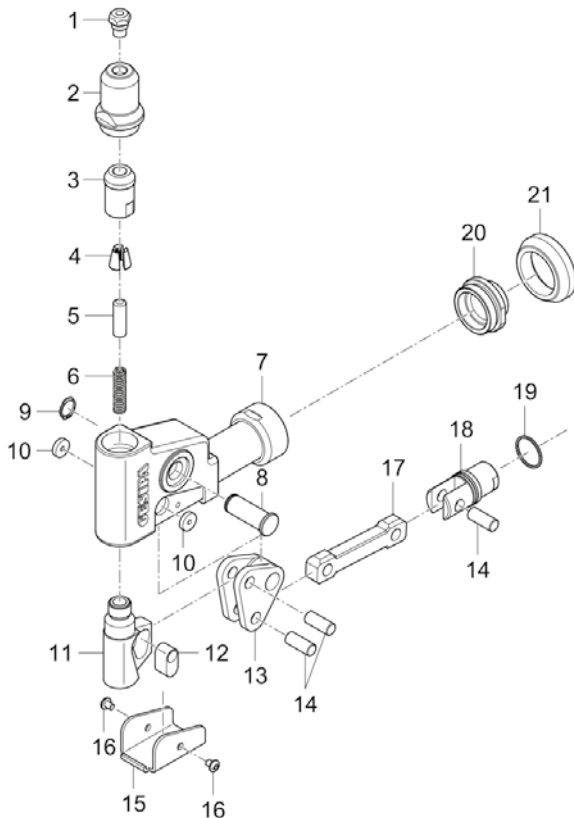
Angle heads for TAURUS® blind rivet setting tools

Angle head 90° for TAURUS® 1, 2, 4 & TAURUS® 3 (from 01.02.2018)

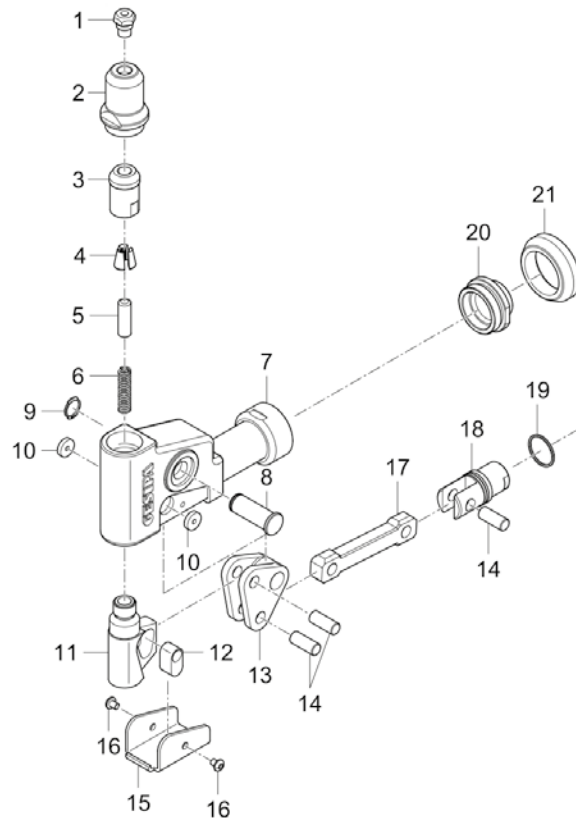
Spare part no.	TAURUS®-Type	Article no.	Designation
1 •		143 4948	Nosepiece 17/45 Angle head
2		143 5955	Steel head sleeve
3 •		143 5946	Jaw housing
4 •		143 4173	Jaws (3-part)
		143 4958	Jaws (3-part) up to rivet Ø 4mm (Nosepiece 17/24)
5 •		143 4106	Jaw Pusher
6 •		144 5258	Spring
7		145 7961	Housing
8		143 5950	Axis bolt
9		144 6106	Snap ring
10		143 5947	Spacer
11		155 9511	Lock activator
12		143 3543	Coupler
13	T1, T2, T4	155 9510	Angle
	T3	143 3544	Angle
14		143 5948	Bolt
15		143 5954	Protecting cap
16		144 6013	Screw
17	T1, T2, T4	143 5958	Lock activator
	T3	143 3545	Lock activator
18		143 5951	Fork head
19 •		143 5603	O-ring
20		143 5959	Adapter
21		143 5952	Ring

• Wearing parts

TAURUS® 1, 2, 4



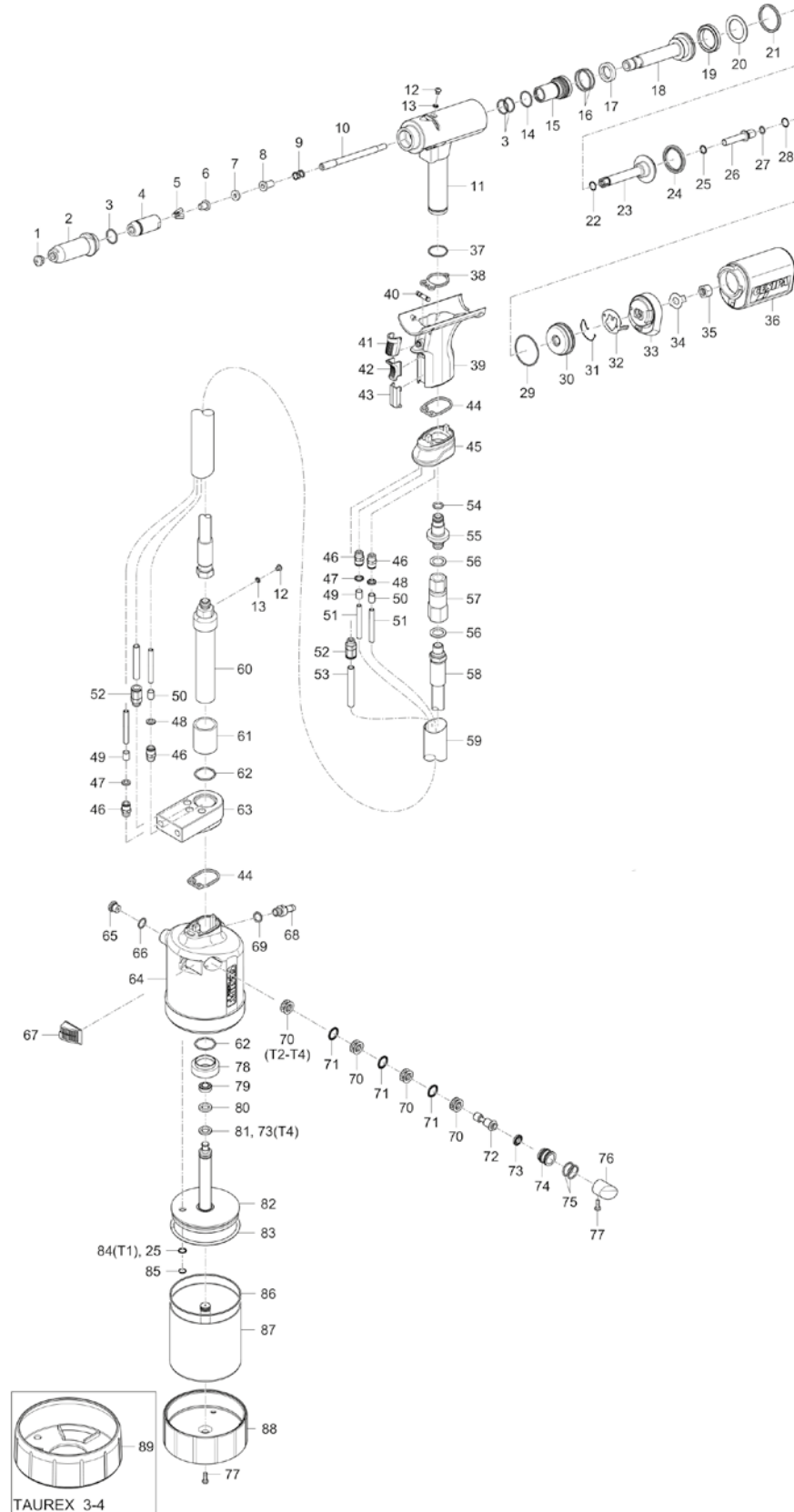
TAURUS® 3



Hydro-pneumatic blind rivet setting tools

TAUREX 1-4

Exploded drawing based on TAUREX 1.
Specifications of other models in the boxes.



Hydro-pneumatic blind rivet setting tools

TAUREX 1-4

Spare part no.	TAURUS®-Type	Article no.	Designation
1 •	T1	143 4976	Nosepiece17/18
		143 4994	Nosepiece17/20
		143 5018	Nosepiece17/22
	T2	143 4955	Nosepiece17/24
		143 4973	Nosepiece17/27
		143 4974	Nosepiece17/29
		143 4975	Nosepiece17/32
		143 4977	Nosepiece17/36
	T3, T4	143 4999	Nosepiece17/40
		143 4860	Nosepiece17/45
2		Steel head sleeve 4	
3 •		O-ring	
4 •		Jaw housing 4	
5 •		Jaw 15°	
6 •	T1	143 5507	Jaw pusher AV1
	T2	143 5768	Jaw pusher AV2
	T3, T4	143 6000	Jaw pusher 4
		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		Spring	
10	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, long
	T3, T4	143 5886	Nozzle tube 3, long
11		Tool head, assembled	
12		Sealing ring M4	
13		Oil screw plug	
14 •		O-ring	
15		Seal holder, complete	
16 •		O-ring	
17 •		Rod seal	
18		Draw bar	
19 •		Supporting ring	
20 •		Piston seal	
21 •		Piston seal	
22		O-ring	
23		Resetting piston, complete	
24 •		Piston seal	
25		Rod seal	
26	T1	143 5852	Connecting piece 1
	T2, T3, T4	143 5765	Connecting piece 2/3
27		O-ring	
28		Snap ring	
29		O-ring	
30		End cap	
31		Retaining spring	
32		Retainer	
33		Adapter	
34		Lock washer	
35	T1	143 5849	Supporting nut 1
	T2, T3, T4	143 5766	Supporting nut 2/3
36	T1, T2	143 5677	Spent mandrel container, complete
	T3, T4	143 5964	Spent mandrel container, complete
37		O-ring	
38 •		Flat gasket 1	
39		Grip complete	
40		Distributing valve complete	
41		Activation button	
42		Valve	
43		Orifice	
44 •		Flat gasket 2	
45		Head adapter	
46		Screw-in connection	
47		Coding ring, green	
48		Coding ring, red	
49		PA tube Ø 6 green (L = 10 mm)*	
50		PA tube Ø 6 red (L = 10 mm)*	
51		PU tube Ø 6mm (L=3.2mm)	
52		Screw connection	
53		PU tube Ø 8mm (L=3.2mm)	
54		O-ring	
55		Hose connector	

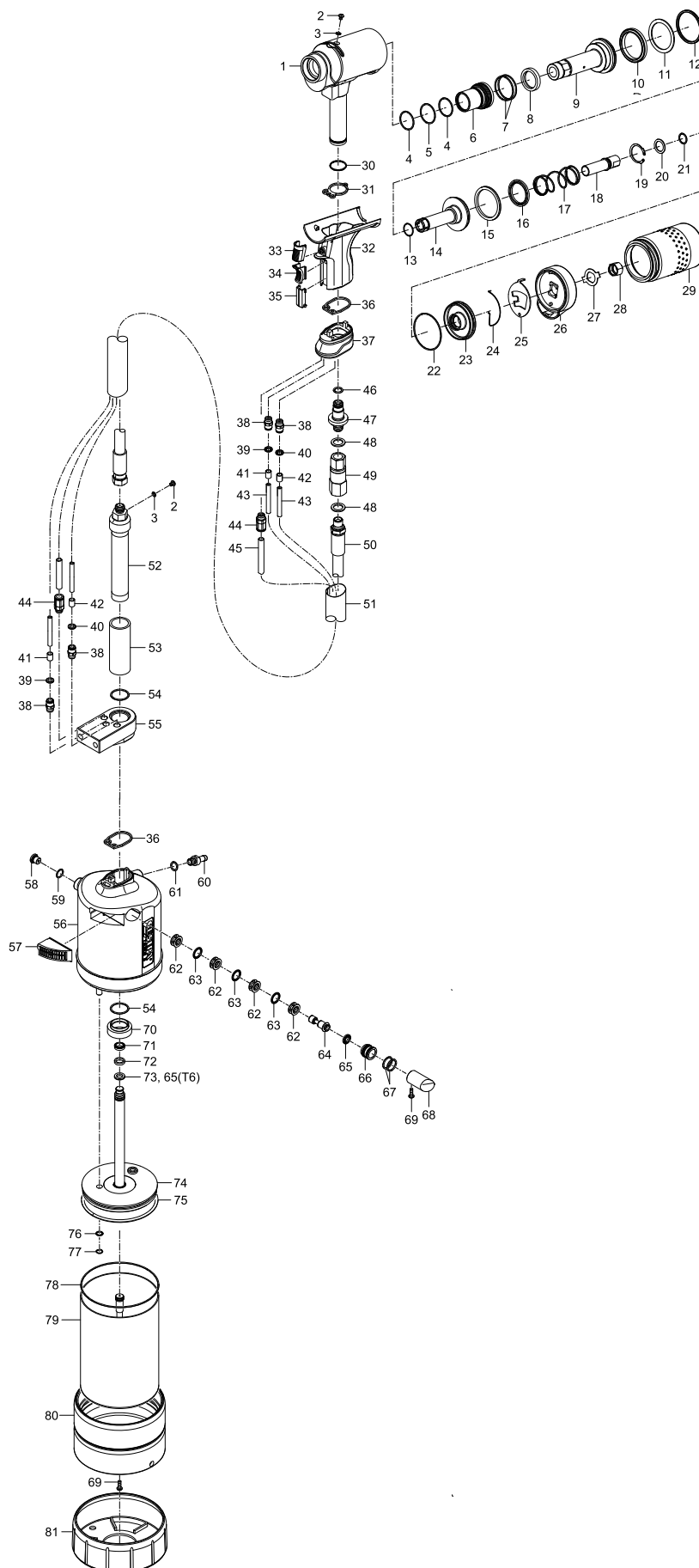
Spare part no.	TAURUS®-Type	Article no.	Designation
56		144 6131	Hydraulic seal rings
57		144 6146	Swivel
58		144 6127	Hydraulic hose
59		144 6135	Hose casing
60	T1	151 3245	Hose connector cylinder
	T2, T3	151 3246	Hose connector cylinder
	T4	151 3247	Hose connector cylinder
61	T1, T2, T3	143 6093	Spacer tube
	T4	143 6102	Spacer tube
62		143 6092	Cylinder adapter
63		143 5486	O-ring
64	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
65		145 7750	Pressure relief valve, complete
66		143 5484	O-ring
67	T1	151 5051	Silencer 1, complete
	T2	145 7862	Silencer 2, complete
	T3, T4	145 7956	Silencer 3, complete
68		143 5667	Connecting nipple
69		144 6030	Sealing ring
70		143 5648	Spacer cage
71		143 5647	Rod seal
72		143 5651	Control piston
73		143 5675	Piston seal
74		143 5652	Piston seal
75		143 5688	O-ring
76	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
	T3, T4	144 6100	Stopper 3
77		144 5773	Housing screw short
78		143 5492	Al nut
79	T1	143 5658	Piston seal
	T2, T3	143 5841	Piston seal
	T4	143 6007	Piston seal
80	T1	143 5657	Guide ring 1
	T2, T3	143 5825	Guide ring 2
	T4	143 6006	Guide ring 4
81	T1	143 5656	Piston seal
	T2, T3	143 5670	Piston seal
82	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
83	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
84		143 5659	Rod seal
85	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	V-profile ring
86	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
87	T1	145 7752	Cylinder 1, complete
	T2	145 7861	Cylinder 2, complete
	T3	145 7953	Cylinder 3, complete
	T4	145 7995	Cylinder 4, complete
88	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
89		143 5900	Rubber foot 3-4
		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

TAUREX 5-6



Hydro-pneumatic blind rivet setting tools

TAUREX 5-6

Spare part no.	TAURUS®-Type	Article no.	Designation
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		145 7645	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

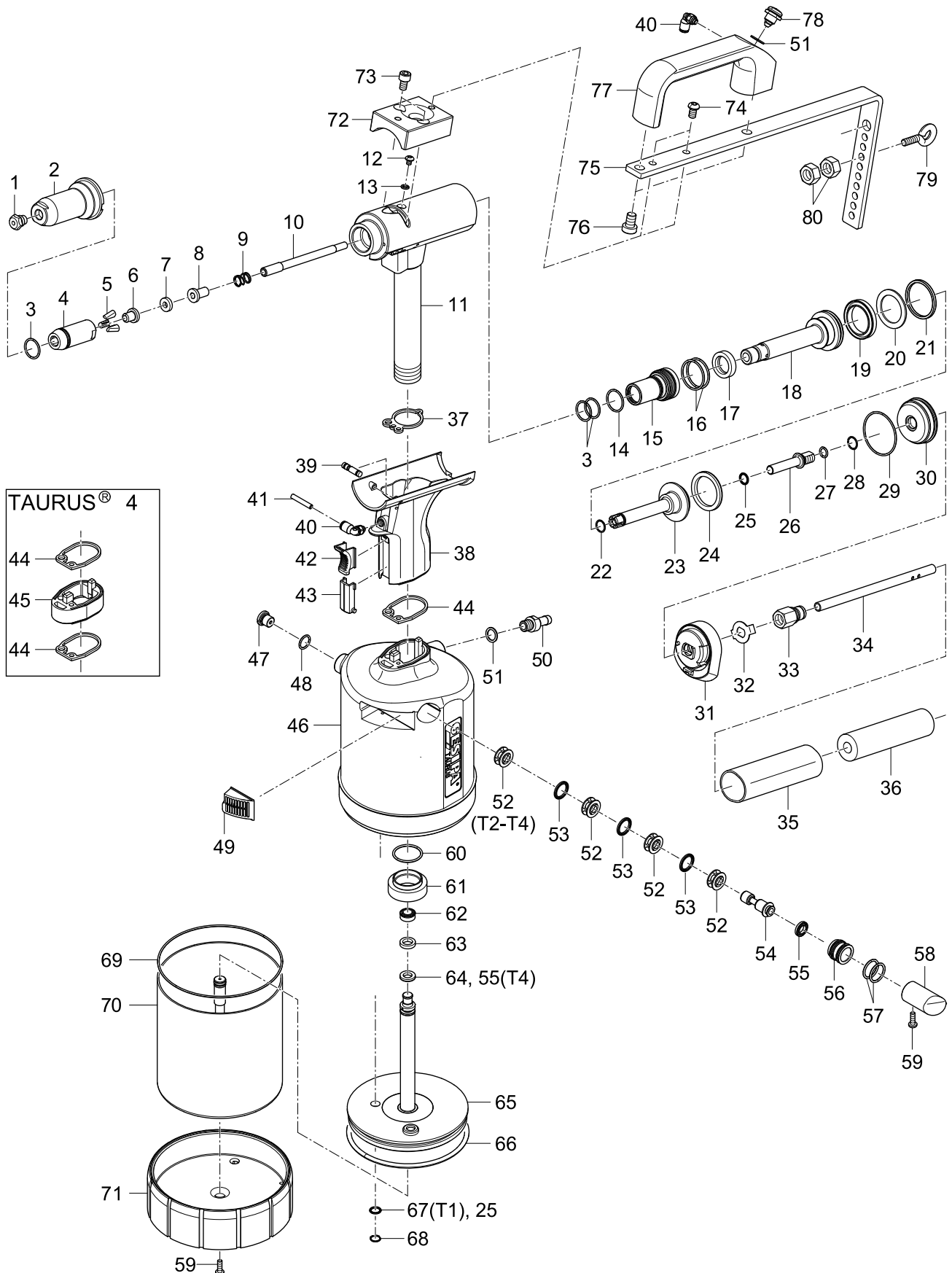
Spare part no.	TAURUS®-Type	Article no.	Designation
47		143 6090	Hose connector
48		144 6131	Hydraulic seal rings
49		144 6146	Swivel
50		144 6127	Hydraulic hose
51		144 6135	Hose casing
52	T5	152 4522	Hose connector cylinder
	T6	152 4523	Hose connector cylinder
53		143 6103	Spacer tube
54		143 5486	O-ring
55		143 6092	Cylinder adapter
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
		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

Spare part no.	TAURUS®-Type	Article no.	Designation
1	T1	143 4976	Nosepiece 17/18
		143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
		143 4955	Nosepiece 17/24
		143 4973	Nosepiece 17/27
	T2	143 4974	Nosepiece 17/29
		143 4975	Nosepiece 17/32
		143 4977	Nosepiece 17/36
	T3	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
	T1	145 0876	Tool head 1, assembled
11	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

Spare part no.	TAURUS®-Type	Article no.	Designation
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
	T1	143 5656	Piston seal
64	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 (up to and including September 2015)

Spare part no.	TAURUS®-Type	Article no.	Designation
1 •	T1	143 4976	Nosepiece 17/18
		143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
		143 4955	Nosepiece 17/24
		143 4973	Nosepiece 17/27
	T2	143 4974	Nosepiece 17/29
		143 4975	Nosepiece 17/32
		143 4977	Nosepiece 17/36
	T3	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		143 5863	Adapter, ext. 150mm
10	T1	143 5867	Adapter 1, ext. 150mm
11		143 5856	Adapter
12		145 7865	Grip
13		144 6025	Activation button
14		143 5857	Spacer
15		144 6091	Cylinder pin
16	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, long
	T3, T4	143 5886	Nozzle tube 3, long
17	T1	145 7866	Tool head 1, assembled
	T2, T3	145 7867	Tool head 2, assembled
	T4	145 7868	Tool head 4, assembled
18		144 6013	Oil screw plug
19		143 5612	Sealing ring M4
20 •		143 5629	O-ring
21		143 5681	Seal holder, complete
22 •		143 4227	O-ring
23 •		143 5630	Rod seal
24		143 5631	Draw bar
25 •		143 5632	Piston seal
26 •		143 5488	Supporting ring
27 •		143 5485	Piston seal
28		143 5671	O-ring
29		145 7746	Resetting piston, complete
30 •		143 5633	Piston seal
31	T2, T3, T4	143 5635	Rod seal
32	T1	143 5852	Connecting piece 1
	T2, T3, T4	143 5765	Connecting piece 2/3
33		143 5519	O-ring
34		144 6167	Snap ring
35		143 5524	O-ring
36		143 5532	End cap
37		143 5663	Adapter
38		143 5842	Lock washer
39		143 5848	Screw connection
40		143 5767	Hose
41		144 5647	Protective hose
42		143 5579	Foamed material tubes (0,1 m)
43 •		143 5472	Flat gasket 1
44		145 7869	Grip FA, complete
45		145 7747	Distributing valve, complete
46		144 6230	Screw connection
47		144 6134	Tube*
48		143 5642	Slider

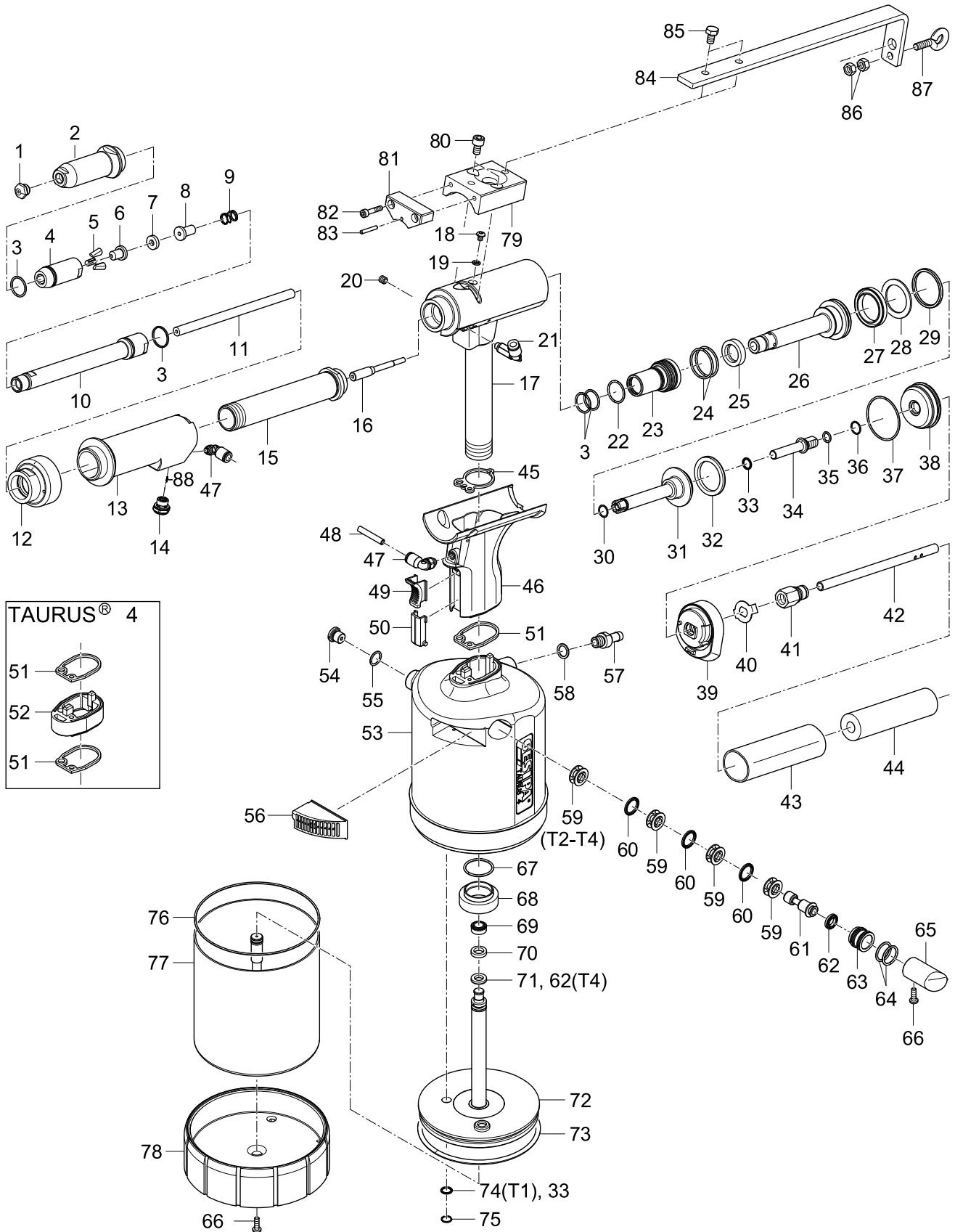
Spare part no.	TAURUS®-Type	Article no.	Designation
49		143 5686	Orifice
50 •		143 5480	Flat gasket 2
51	T4	143 5998	Grip extension
52	T1	145 0882	Air cylinder 1 Axial
	T2	145 0941	Air cylinder 2 Axial
	T3	145 0968	Air cylinder 3 Axial
	T4	145 0994	Air cylinder 4 Axial
53		145 7750	Pressure relief valve, complete
54		143 5484	O-ring
55	T2	145 7862	Silencer 2, complete
56	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
74	T3, T4	143 5937	O-ring
	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		143 5855	Hanger
82		144 6092	Hexagon head screw
83		144 5342	Screw
84		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 (from October 2015)



Hydro-pneumatic blind rivet setting tools

TAURUS® 1-4 Axial (from October 2015)

Spare part no.	TAURUS®-Type	Article no.	Designation
		143 4976	Nosepiece 17/18
	T1	143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
		143 4955	Nosepiece 17/24
	T2	143 4973	Nosepiece 17/27
		143 4974	Nosepiece 17/29
		143 4975	Nosepiece 17/32
		143 4977	Nosepiece 17/36
	T3	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)
	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
	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
12		143 5856	Adapter
13		143 6915	Grip Axial complete
14		143 6481	Trip valve
15		143 5857	Spacer
	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, long
	T3, T4	143 5886	Nozzle tube 3, long
	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
	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*

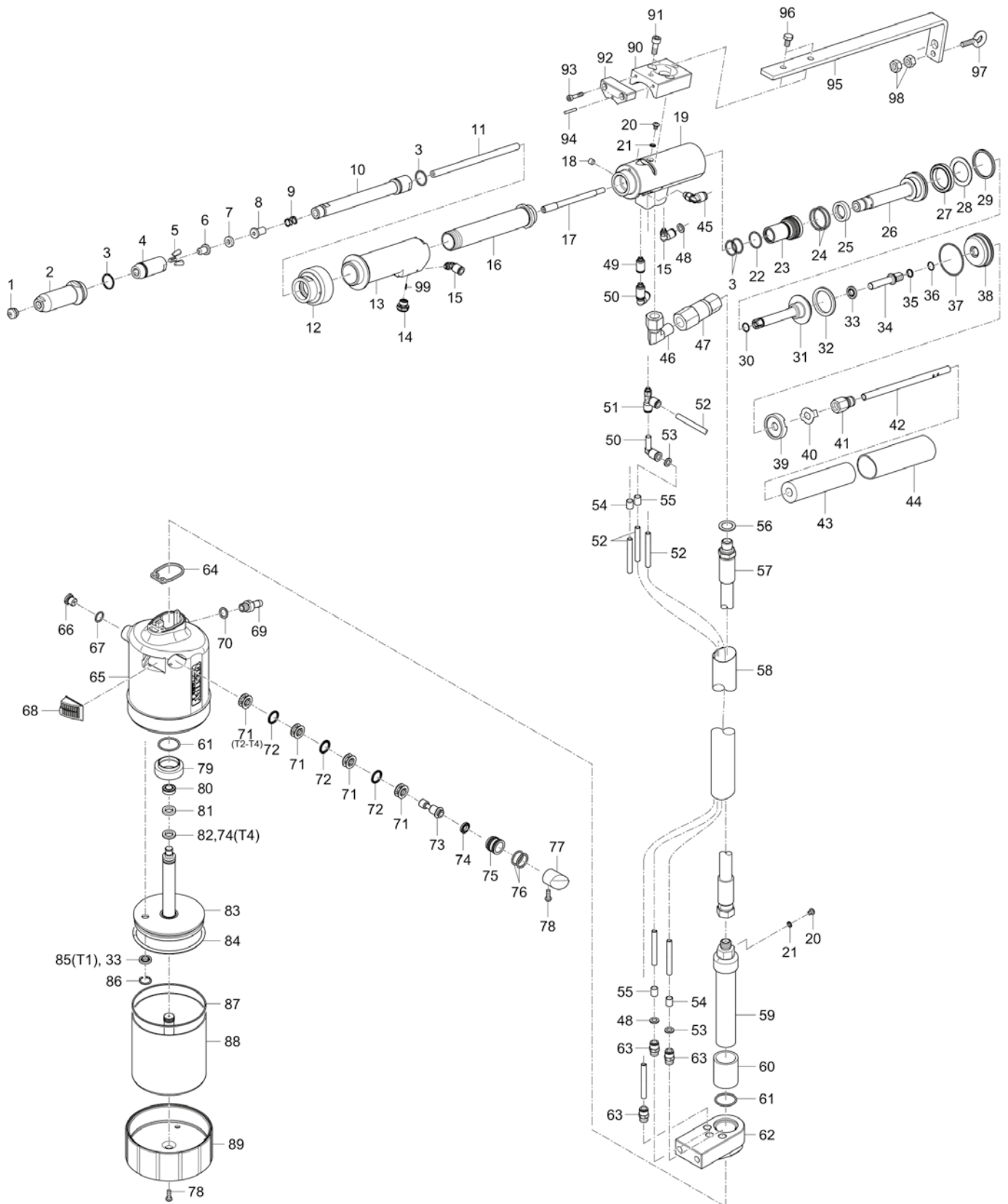
Spare part no.	TAURUS®-Type	Article no.	Designation
49		143 5642	Slider
50		143 5686	Orifice
51		143 5480	Flat gasket 2
52	T4	143 5998	Grip extension
	T1	145 0882	Air cylinder 1 Axial
	T2	145 0941	Air cylinder 2 Axial
	T3	145 0968	Air cylinder 3 Axial
	T4	145 0994	Air cylinder 4 Axial
53		145 7750	Pressure relief valve, complete
54		143 5484	O-ring
	T1	151 5051	Silencer 1, complete
	T2	145 7862	Silencer 2, complete
	T3, T4	145 7956	Silencer 3, complete
56		143 5667	Connecting nipple
57		144 6030	Sealing ring
58		143 5648	Spacer cage
59		143 5647	Rod seal
60		143 5651	Control piston
61		143 5675	Piston seal
62		143 5652	Piston housing
63		143 5688	O-ring
64		144 6026	Stopper 1
	T1	144 6073	Stopper 2
	T2	144 6100	Stopper 3
	T3, T4	144 6100	Stopper 3
65		144 5773	HousingsScrew, short
66		143 5486	O-ring
67		143 5492	Al nut
68		143 5658	Piston seal
	T1	143 5841	Piston seal
	T2, T3	143 5841	Piston seal
	T4	143 6007	Piston seal
	T1	143 5657	Guide ring 1
	T2, T3	143 5825	Guide ring 2
	T4	143 6006	Guide ring 3
	T1	143 5656	Piston seal
	T2, T3	143 5670	Piston seal
	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
	T1	143 5660	O-ring
	T2	143 5834	O-ring
	T3, T4	143 5937	O-ring
	T1	143 5659	Rod seal
	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	V-profile ring
	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
	T1	145 7752	Cylinder 1, complete
	T2	145 7861	Cylinder 2, complete
	T3	145 7953	Cylinder 3, complete
	T4	145 7995	Cylinder 4, complete
	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
74		143 5538	Holder
75		144 5630	Allen screw
76		145 0895	Holder
77		145 2757	Allen screw
78		143 3954	Cylinder pin
79		143 5836	Hanger
80		144 6092	Hexagon head screw
81		144 5262	Nut
82		144 5342	Screw
83		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

TAUREX 1-4 Axial



Hydro-pneumatic blind rivet setting tools

TAUREX 1-4 Axial

Spare part no.	TAURUS®-Type	Article no.	Designation
1	T1	143 4976	Nosepiece 17/18
		143 4994	Nosepiece 17/20
		143 5018	Nosepiece 17/22
		143 4955	Nosepiece 17/24
		143 4973	Nosepiece 17/27
	T2	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	Jaws (3-part)
6	T1	143 5507	Jaw Pusher 1
	T2	143 5768	Jaw Pusher 2
	T3, T4	143 6000	Jaw Pusher 4
		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		145 2757	Grip Axial, complete
14		143 6481	Release valve
15		144 6230	Screw connection
16		143 5857	Spacer
17	T1	143 5558	Nozzle tube 1
	T2	143 5764	Nozzle tube 2, long
	T3, T4	143 5886	Nozzle tube 3, long
18		145 2756	Stud bolt
19		145 0948	Tool head, assembled
20		144 6013	Oil screw plug
21		143 5612	Sealing ring M4
22		143 5629	O-ring
23		143 5628	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		145 7746	Resetting piston, complete
31		143 5671	O-ring
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 5853	Supporting ring
40		143 5842	Lock washer
41		143 5848	Screw connection
42		143 5767	Hose
43		143 5579	Foamed material tubes
44		144 5647	Protective hose
45		144 6017	Elbow union
46		144 6145	Elbow union
47		144 6146	Swivel
48		144 6132	Coding ring, green
49		144 6095	Screw connection
50		145 2759	Plug-in coupling
51		144 6093	Screw connection
52		144 6134	PU tube (0,16m)
		144 6134	PU tube (1,7m)

Spare part no.	TAURUS®-Type	Article no.	Designation
53		144 6133	Coding ring, red
54		144 5393	PA tube green (0,01m)
55		144 5395	PA tube red (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
	T1, T2, T3	143 6093	Spacer tube
60	T4	143 6102	Spacer tube 4
61		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		145 7750	Pressure relief valve
67		143 5484	O-ring
68	T1	151 5051	Silencer complete
	T2	145 7862	Silencer complete
	T3, T4	145 7956	Silencer complete
69		143 5667	Connecting nipple
70		144 6030	Sealing ring
71		143 5648	Spacer ring
72		143 5647	Rod seal
73		143 5651	Control piston
74		143 5675	Piston seal
75		143 5652	Piston housing
76		143 5688	O-ring
77	T1	144 6026	Stopper 1
	T2	144 6073	Stopper 2
	T3, T4	144 6100	Stopper 3
78		144 5773	Screw
79		143 5492	Alu nut
80	T1	143 5658	Piston seal
	T2, T3	143 5595	Piston seal
	T4	143 6007	Piston seal
81	T1	143 5657	Guide ring 1
	T2, T3	143 5825	Guide ring 2
	T4	143 6006	Guide ring 4
	T1	143 5656	Piston seal
82	T2, T3	143 5670	Piston seal
83	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
84	T1	143 5660	O-ring
	T2	143 5834	O-ring
85	T3, T4	143 5937	O-ring
	T1	143 5659	Rod seal
86	T1	144 6027	Snap ring
	T2, T3, T4	144 6082	Snap ring
87	T1	143 5680	O-ring
	T2	143 5839	O-ring
	T3, T4	143 5927	O-ring
88	T1	145 7752	Cylinder 1 complete
	T2	145 7861	Cylinder 2 complete
	T3	145 7953	Cylinder 3 complete
	T4	145 7995	Cylinder 4 complete
89	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
	T3, T4	143 5874	Bottom 3
90		143 5538	Holder
91		144 5630	Allen screw
92		145 0895	Holder
93		143 6915	Allen screw
94		143 3954	Cylinder pin
95		143 5855	Hanger
96		144 6092	Hexagon head screw
97		144 5342	Screw
98		144 5262	Nut
99		144 5996	Spring
100		144 5294	Hydraulic oil refill bottle 100ml

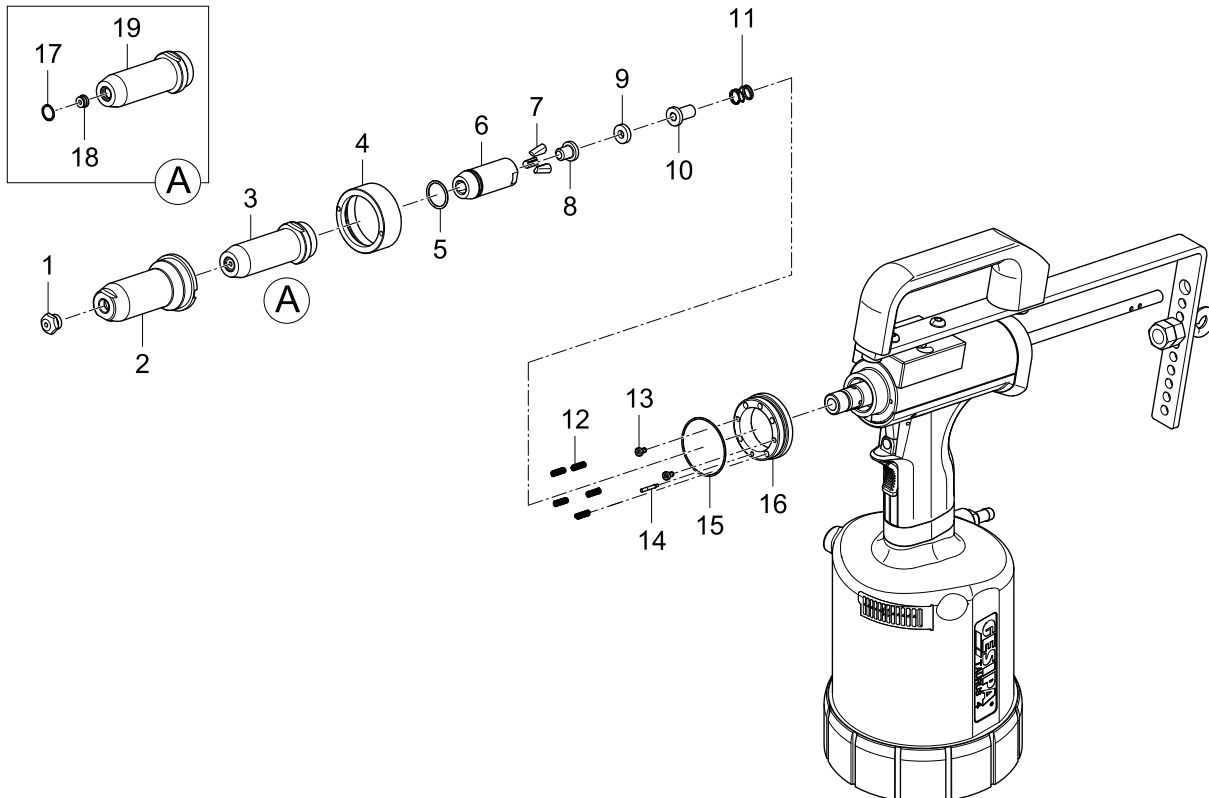
Hydro-pneumatic blind rivet setting tools

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

Spare part no.	TAURUS®-Type	Article no.	Designation
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
		143 5597	Nosepiece 17/40 AV
T3, T4	143 5598	Nosepiece 17/45 AV	
	143 5466	Steel head sleeve	
2	T1	145 0887	Support sleeve AV, complete
	T2	145 0943	Support sleeve AV, complete
3	T3, T4	145 0978	Support sleeve AV, complete
		143 5499	Union nut
4		144 6012	O-ring
5 •		143 6002	Jaw housing 4
6 •		143 5568	Jaws (3-part)
7 •	T1	143 5507	Jaw pusher 1
	T2	143 5768	Jaw pusher 2
	T3, T4	143 6000	Jaw pusher 4

Spare part no.	TAURUS®-Type	Article no.	Designation
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
- * The spring has been installed since 08.09.2015.



Hydro-pneumatic blind rivet setting tools

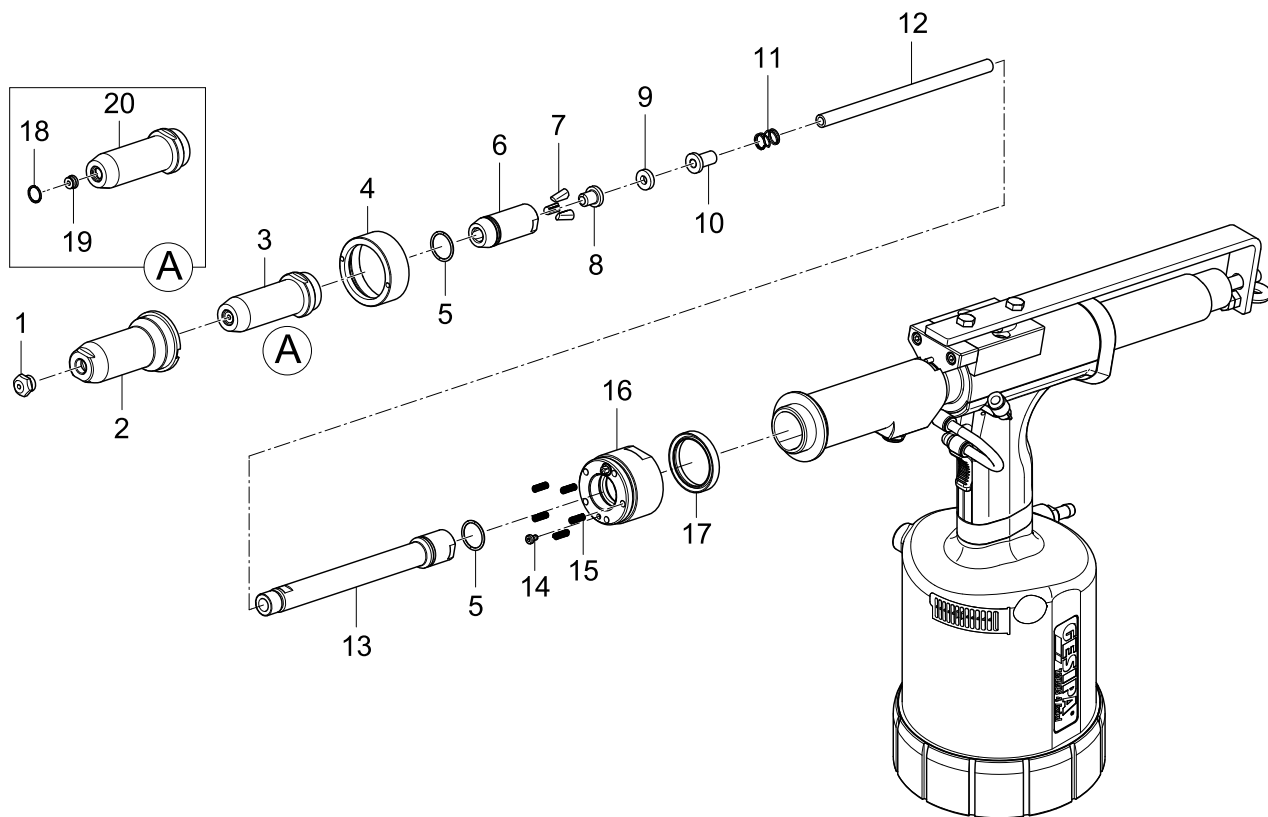
Spring-loaded trigger system for TAURUS® 1-4 Axial

Spare part no.	TAURUS®-Type	Article no.	Designation
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

Spare part no.	TAURUS®-Type	Article no.	Designation
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
20	T2	143 5600	Nosepiece Ø 3,2
21	T3, T4	143 5601	Nosepiece Ø 4,5
22		143 5467	Support sleeve

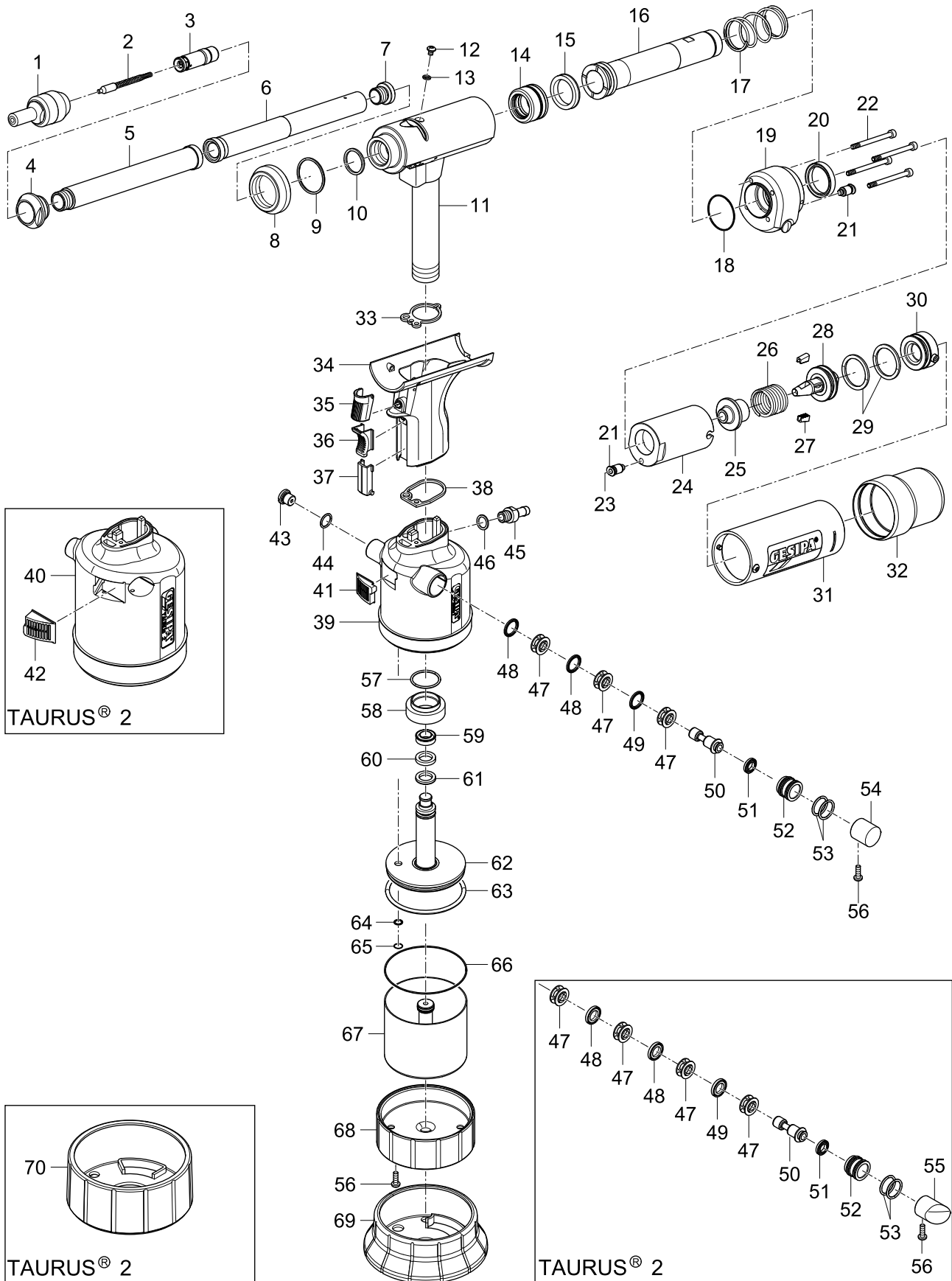
• Wearing parts

* The spring has been installed since 08.09.2015.



Hydro-pneumatic blind rivet setting tools

TAURUS® 1 Speed Rivet / TAURUS® 2 Speed Rivet



Hydro-pneumatic blind rivet setting tools

TAURUS® 1 Speed Rivet / TAURUS® 2 Speed Rivet

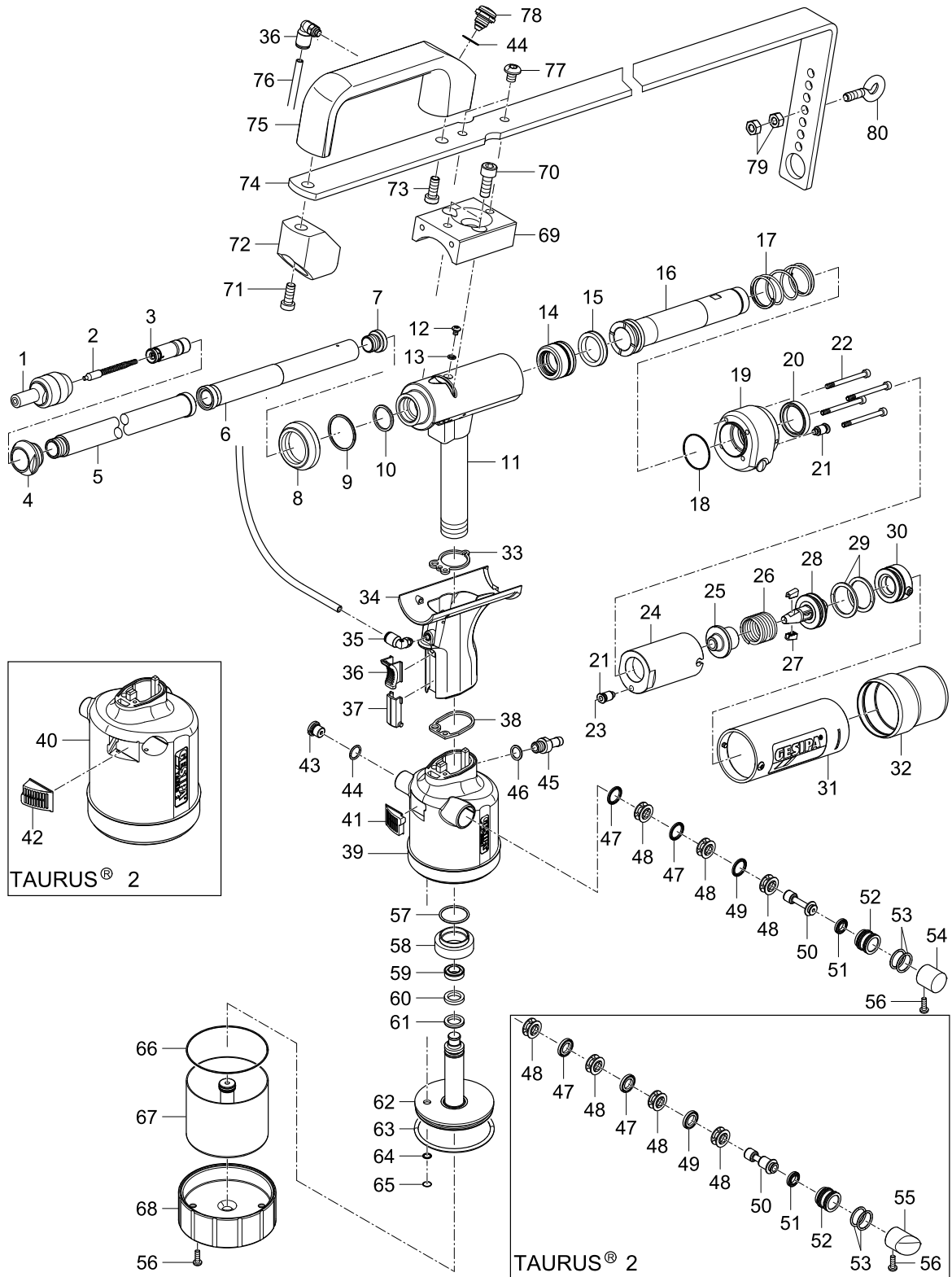
Spare part no.	TAURUS®-Type	Article no.	Designation
1 •		145 7753	Spreader nosepiece 3.2, complete
		145 7754	Spreader nosepiece 4.0 complete
		145 7755	Spreader nosepiece 4.8 complete
		145 7756	Spreader nosepiece 3.2 extended, complete
		145 7757	Spreader nosepiece 4.0 extended, complete
		145 7758	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
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		143 5694	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

Spare part no.	TAURUS®-Type	Article no.	Designation
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		144 6026	Stopper 1
55	T2	144 6073	Stopper 2
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

Spare part no.	TAURUS®-Type	Article no.	Designation
		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
1 •		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		143 5702	Clamp housing
24		143 5704	Pressure sleeve
25		143 5699	Compression spring
26		143 5701	Jaw
27		145 7766	Jaw guide, complete
28 •		144 6052	O-ring
29		145 0920	Cover, complete
30		145 0921	Protective tube, complete
31		143 5714	Protective cap
32 •		143 5472	Flat gasket 1
33		143 5638	Grip, complete
34		144 6230	Hose connector
35		143 5642	Slider
36		143 6169	Orifice
37 •		143 5480	Flat gasket 2

Spare part no.	TAURUS®-Type	Article no.	Designation
38		145 0923	Air cylinder SR 1, complete
39	T2	145 0938	Air cylinder SR 2, complete
40	T1	151 5051	Silencer 1
41	T2	144 6088	Silencer 2
42		145 7750	Pressure relief valve, complete
43		143 5484	O-ring
44		143 5667	Connecting nipple
45		144 6030	Sealing ring
46		143 5648	Spacer cage
47		143 5647	Rod seal
48		143 6248	Washer
49		143 6187	Rod seal
50 •		143 5675	Piston seal
51		143 5652	Piston housing
52		143 5688	O-ring
53		144 6026	Stopper 1
54		144 6073	Stopper 2
55		144 5773	Housing screw, short
56		143 5486	O-ring
57		143 5492	Al nut
58 •	T1	143 5658	Piston seal
	T2	143 5841	Piston seal
59 •	T1	143 5657	Guide ring 1
	T2	143 5825	Guide ring 2
60 •	T1	143 5656	Piston seal
	T2	143 5670	Piston seal
61	T1	145 7751	Air piston 1, complete
	T2	145 7860	Air piston 2, complete
62 •	T1	143 5660	O-ring
	T2	143 5834	O-ring
63	T1	143 5659	Rod seal
	T2	143 5635	Rod seal
64	T1	144 6027	Snap ring
	T2	144 6082	V-ring
65	T1	143 5680	O-ring
	T2	143 5839	O-ring
66	T1	145 7752	Cylinder 1, complete
	T2	145 7861	Cylinder 2, complete
67	T1	143 5508	Bottom 1
	T2	143 5761	Bottom 2
68		144 6045	Compressed air hose*
69		143 5538	Holder
70		144 5630	Allen screw
71		144 6085	Allen screw
72		143 5684	Holder
73		144 6042	Allen screw
74		143 5682	Hanger
		143 5683	Hanger long
75		143 5575	Grip
76		144 6134	Hose
77		144 6087	Fillister head screw
78		145 6753	Valve complete
79		144 5262	Nut
80		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

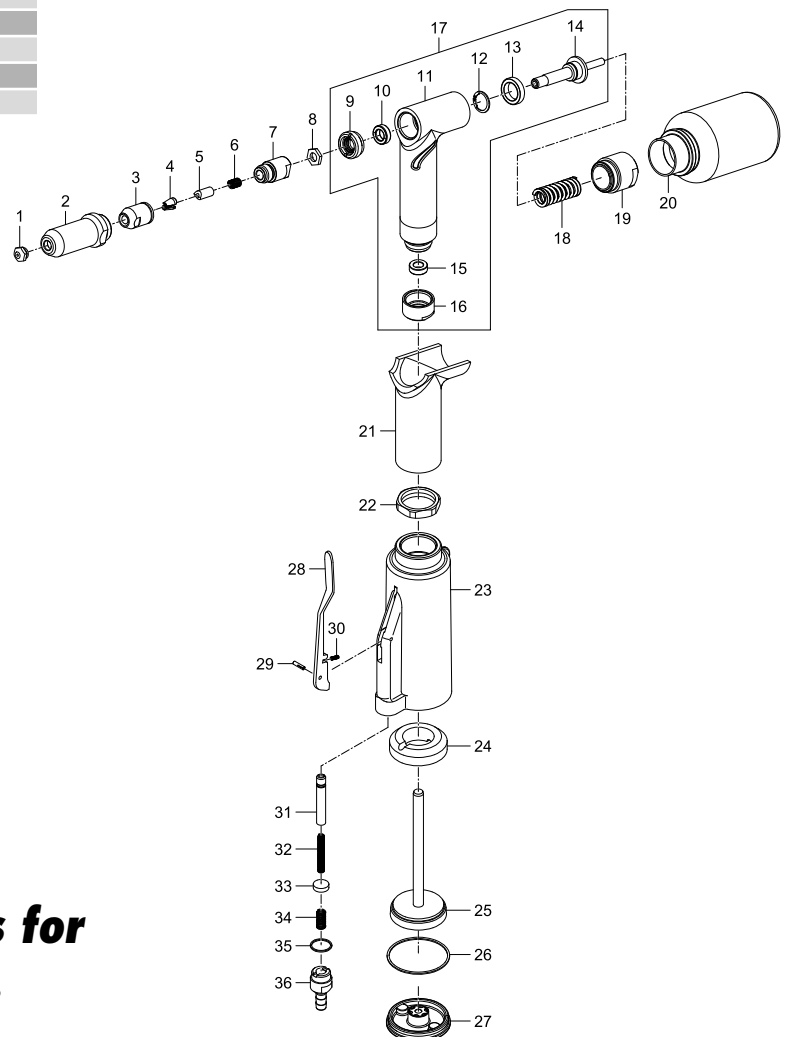
PH 1 and PH 2

Spare part no.	Type	Article no.	Designation
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 tooting 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

Spare part no.	Type	Article no.	Designation
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 353.



You will find spare part kits for PH 1 and PH 2 on page 387.

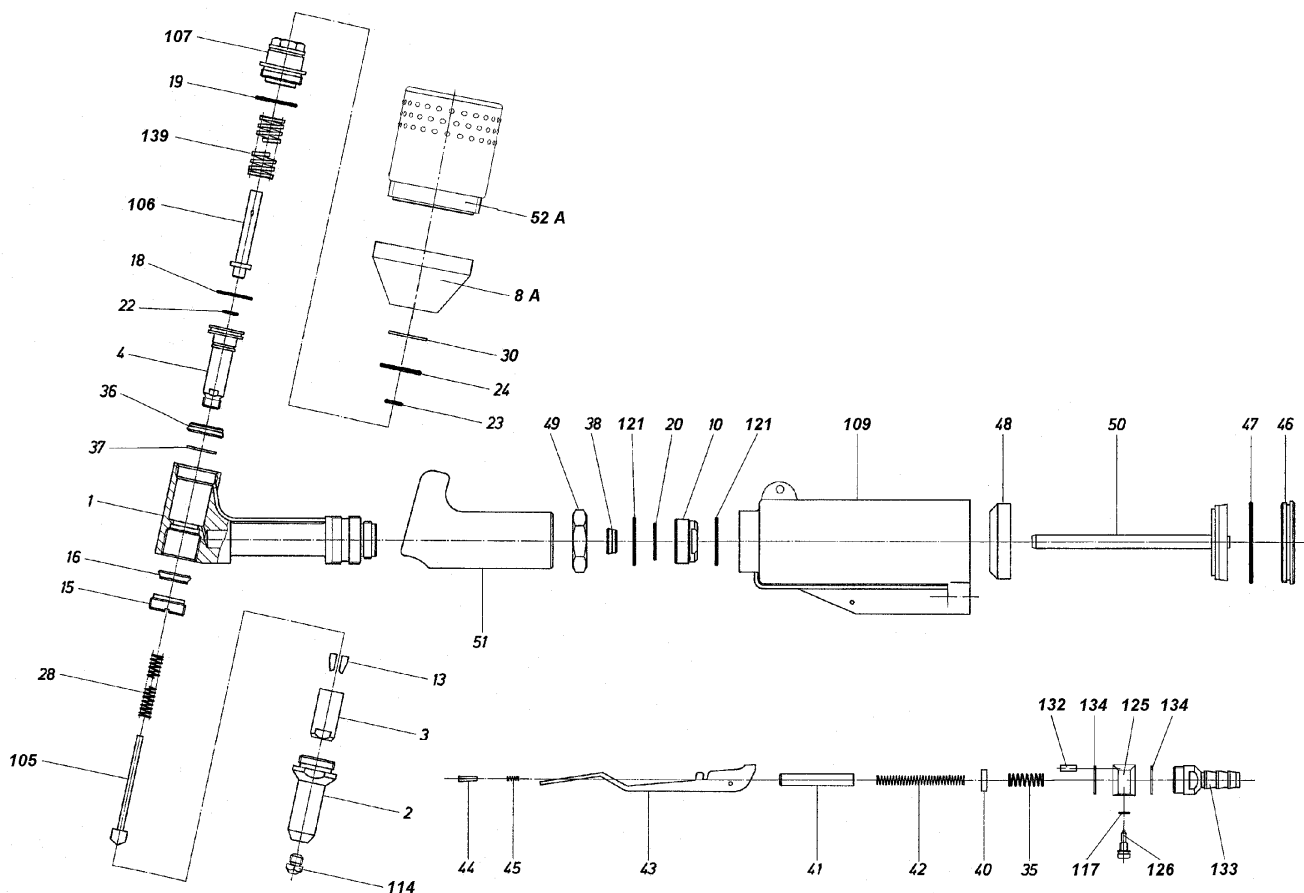
Hydro-pneumatic blind rivet setting tools

PH 1-L – tool no longer available

Spare part no.	Article no.	Designation
1	143 4247	Tool head
2	143 4249	Head
3	143 4250	Jaw housing
4	143 4251	Piston
105 •	143 4263	Jaw pusher
106	143 4264	Nozzle tube
107	143 4268	Closure screw
8 A	143 4262	Connector
109	143 4265	Tool body
10	143 4252	Sealing ring holder
13 •	143 4241	Jaws (2-part)
114 A •	143 4055	Nosepiece 10/18
114 B •	143 4061	Nosepiece 10/24
114 C •	143 4062	Nosepiece 10/27
15	145 6786	Piston guide with wiper
16 •	143 4342	Rod seal
117 •	143 4607	O-ring
18 •	143 4253	O-ring
19 •	143 4254	O-ring
20 •	143 4255	O-ring
121 •	143 4266	O-ring
22 •	143 4257	O-ring
23 •	143 4230	O-ring
24 •	143 4258	O-ring
125	143 4267	Valve body
126	144 5301	Valve screw

Spare part no.	Article no.	Designation
28	144 5260	Compression spring
30	144 5300	Snap ring
132	145 6770	Plastic tube
133	143 5248	Connecting nipple
134 •	143 5258	Sealing ring
35 •	144 5303	Compression spring
36 •	143 4324	K seal
37	144 5305	Snap ring
38 •	143 4326	K seal
139	144 5304	Return spring
40	143 4329	Valve spud
41	145 6785	Valve tube
42	144 5306	Valve spring
43	143 4259	Release lever
44	144 5307	Grooved pin
45	144 5308	Compression spring
46	143 4260	End cap complete PH 1
47 •	143 4332	Round cord packing ring
48	143 4246	Buffer ring
49	143 4261	Locking nut
50	145 6769	Air piston, complete
51	143 4343	Plastic grip
52 A	143 5032	Spent mandrel container, complete
	145 6780	Hydraulic oil (1 bottle) 250 ml

• Wearing parts



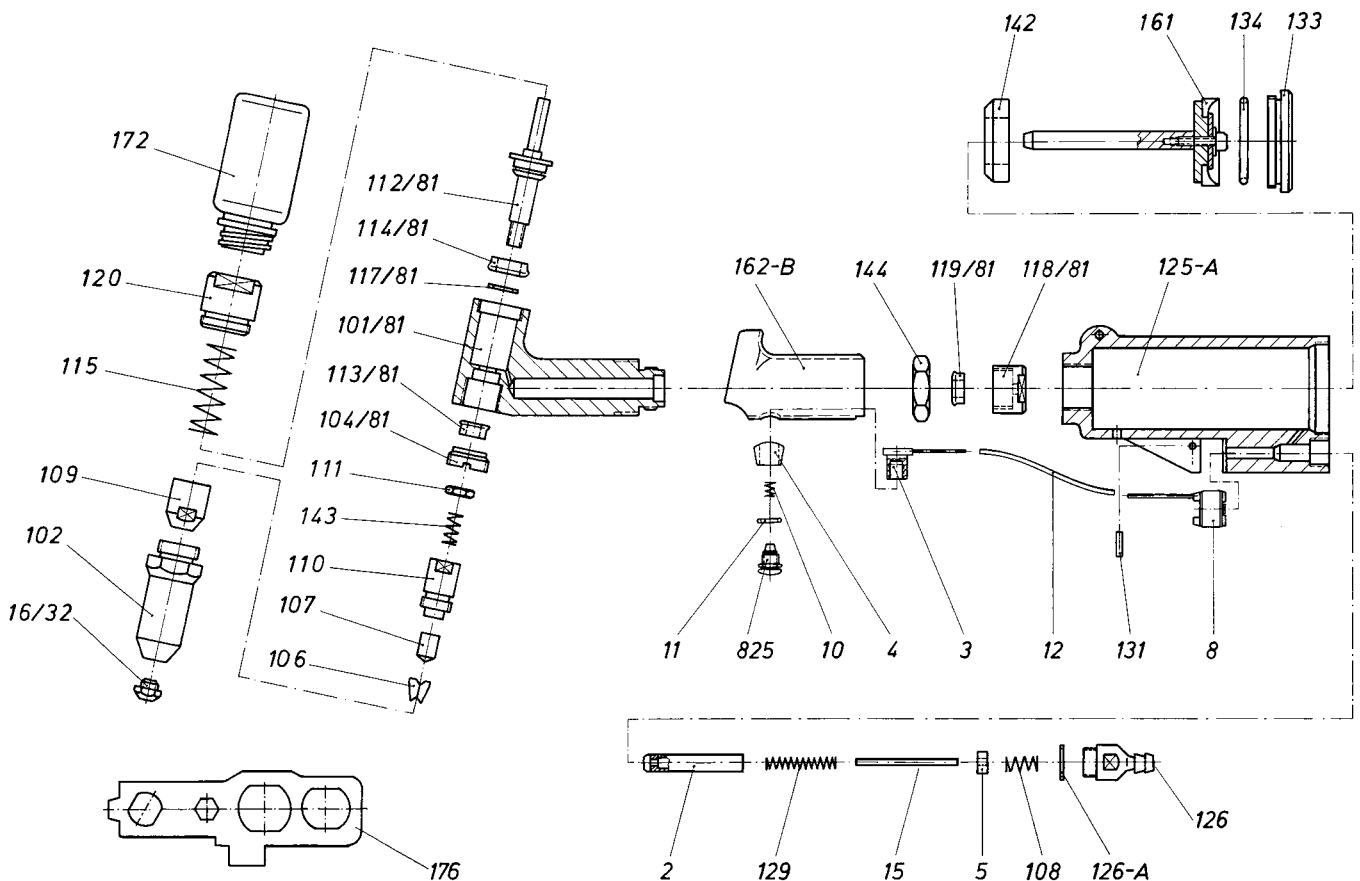
Hydro-pneumatic blind rivet setting tools

PH 2-KA – tool no longer available

Spare part no.	Article no.	Designation
101/81	143 4315	Tool head
2	145 6793	Valve tube
102	143 4105	Steel cores
3	145 6794	Valve support
4	145 6795	Spacer
104/81 •	143 4318	Piston guide with wiper
5	145 6796	Valve spud
106 •	143 4103	Jaws (3-part)
107 •	143 4319	Jaw pusher
8	145 6797	Control cylinder
108 •	144 5303	Compression spring
109 •	143 4102	Jaw housing
10	149 7539	Compression spring
110	143 4320	Jaw adapter
11	143 4348	O-ring
111	143 4321	Nut
12	145 6798	Plastic tube
112/81	143 4322	Piston
113/81 •	143 4323	K seal
114/81 •	143 4324	K seal
15	149 7540	Tube
115 •	144 5304	Return spring
16/24 •	143 4288	Nosepiece
16/27 •	143 4289	Nosepiece
16/29 •	143 4290	Nosepiece
16/32 •	143 4291	Nosepiece

Spare part no.	Article no.	Designation
16/36 •	143 4292	Nosepiece
117/81	144 5305	Snap ring
118/81	143 4325	Sealing ring holder
119/81 •	143 4326	K seal
120	143 4327	Closure screw
125-A	145 6799	Tool body
126	145 6784	Hose fitting
126 a	143 5258	Sealing ring
129	144 5306	Valve spring
131	144 5307	Grooved pin
133	143 4331	End cap complete
134 •	143 4332	Round cord packing ring
142	143 4334	Buffer ring
143 •	144 5314	Compression spring
144	143 4337	Locking nut
161	145 6791	Air piston, complete
162-B	145 7541	Grip
165	145 6792	Tool head assembly (101/81, 104/81, 112/81, 113/81, 114/81, 117/81, 118/81, 119/81)
170	143 5262	Reducing tube (PH 2)
172	144 5302	Spent mandrel container
176	143 4311	Special wrench MSU
825	145 6753	Release valve, complete
	145 6780	Hydraulic oil refill bottle 250 ml

• Wearing parts



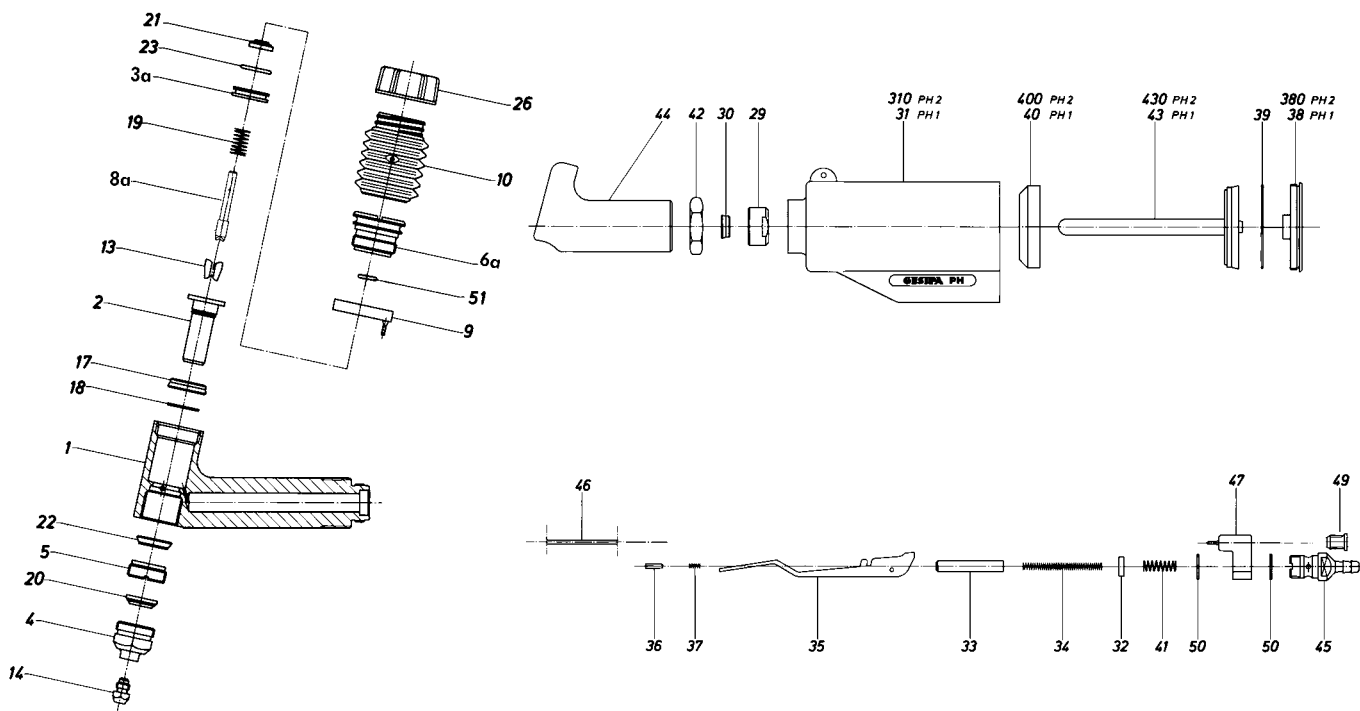
Hydro-pneumatic blind rivet setting tools

PH 1-VK* and PH 2-VK – *tool no longer available

Spare part no.	Article no.	Designation
1	143 4335	Tool head
2	143 4336	Pull piston
3 a	143 4349	Resetting piston
4	143 4338	Head
5	145 6786	Piston guide with wiper
6 a	143 4350	Closure screw
8 a •	143 4351	Jaw pusher
9	145 6788	Connection ring with hose adapter
10	145 6789	Spent mandrel container
13 •	143 4071	Jaws (2-part)
14 A •	143 4055	Nosepiece 10/18
14 B •	143 4061	Nosepiece 10/24
14 C •	143 4062	Nosepiece 10/27
17 •	143 4354	K seal
18	144 5305	Snap ring
19 •	143 4339	Compression spring
21 •	143 4341	Wiper
22 •	143 4342	Rod seal
23 •	143 4229	O-ring
26	144 5309	Cap closure
29	143 4325	Sealing ring holder
30 •	143 4326	K seal
31	143 4244	Tool body
310	143 4328	Tool body
32	143 4329	Valve spud

Spare part no.	Article no.	Designation
33	145 6785	Valve tube
34	144 5306	Valve spring
35	143 4330	Release lever
36	144 5307	Grooved pin
37	144 5308	Compression spring
38	143 4245	End cap
380	143 4331	End cap
39 •	143 4332	Round cord packing ring
40	143 4246	Buffer ring
400	143 4334	Buffer ring
41 •	144 5303	Compression spring
42	143 4337	Locking nut
43	145 6769	Air piston, complete
430	145 6791	Air piston, complete
44	143 5260	Plastic grip
45	143 5248	Connecting nipple
46	143 5250	Plastic tube
47	143 5255	Valve body
49	144 5310	Stud bolt
50	143 5258	Sealing ring
51	143 4230	O-ring
	145 6780	Hydraulic oil refill bottle 250 ml

• Wearing parts



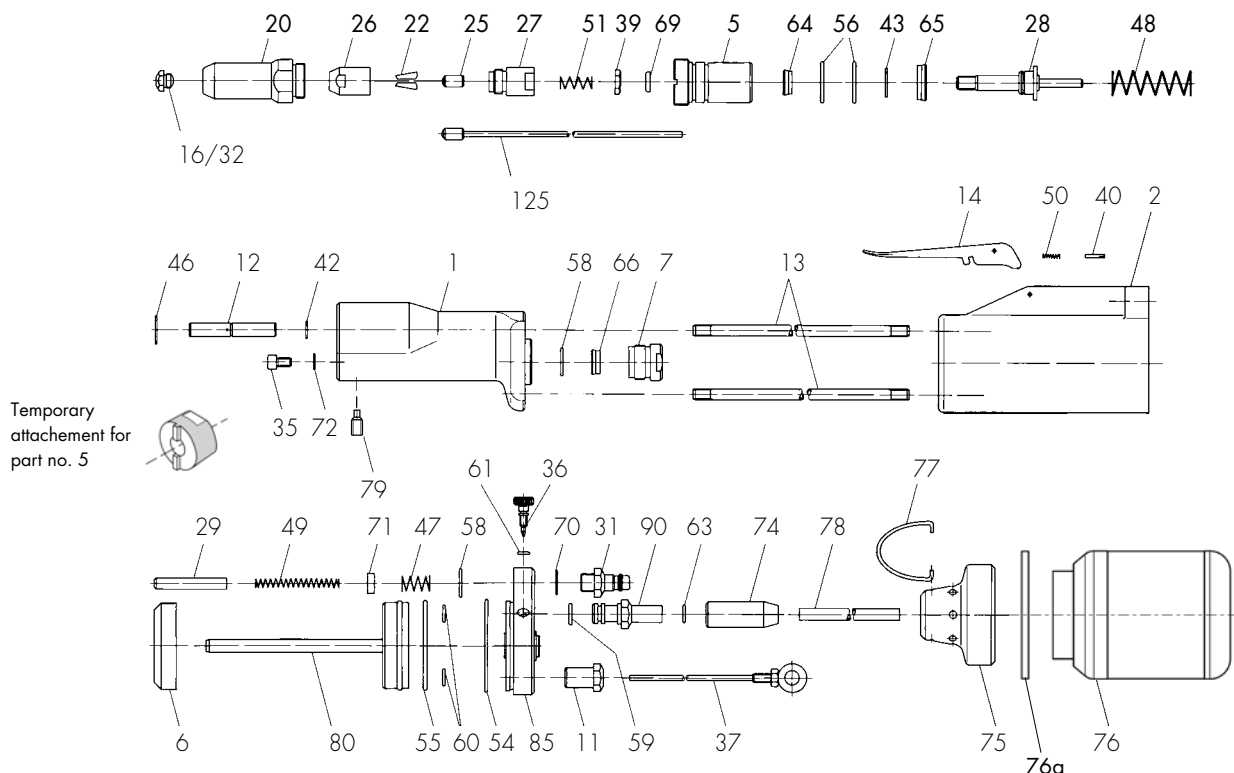
Hydro-pneumatic blind rivet setting tools

PH Axial

Spare part no.	Article no.	Designation
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

Spare part no.	Article no.	Designation
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

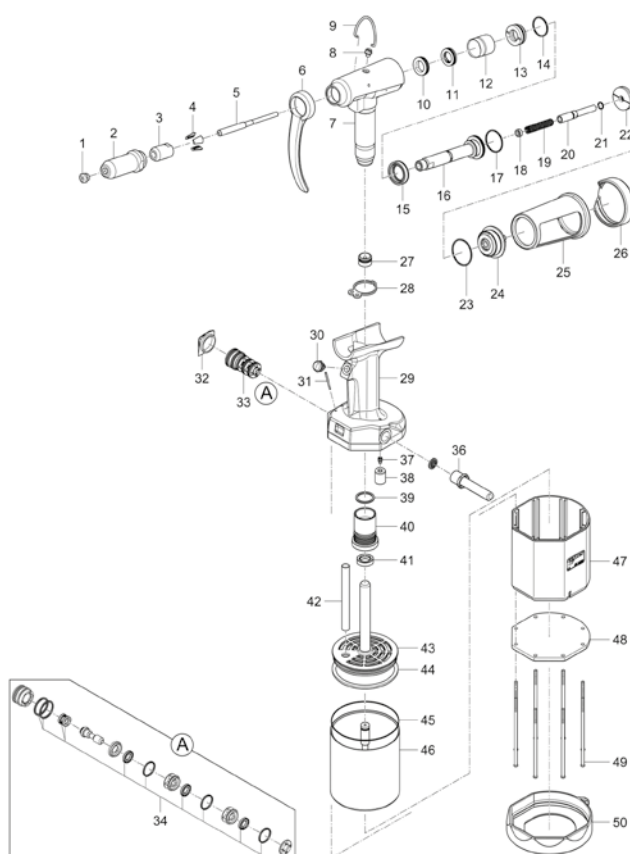
• Wearing parts
* Special accessories



Hydro-pneumatic blind rivet setting tools

PH 2000 / PH 2000-BT (only for BULB-TITE®)

Spare part no.	Article no.	Designation
1 •	143 4288	Nosepiece 16/24
	143 4289	Nosepiece 16/27
	143 4290	Nosepiece 16/29
	143 4291	Nosepiece 16/32
	143 4292	Nosepiece 16/36
	143 4293	Nosepiece 16/40
143 4300	Nosepiece 16/45	
2	143 4105	Steel head sleeve
3 •	143 4129	Jaw housing
4 •	143 4103	Jaws (3-part)
	145 6735	Jaw pusher up to 4 mm Ø blind rivets
5	143 4167	Jaw pusher up to 4,8 mm Ø blind rivets
	143 4168	Jaw pusher up to 6,4 mm Ø blind rivets
6	143 4232	Hand protection
7	145 6741	Tool head complete
8 •	145 6754	Replenishing screw complete
9	144 5265	Suspension bracket
10 •	145 6749	Annular piston complete
11 •	145 6750	Scraper ring complete



Spare part no.	Article no.	Designation
12 •	145 6751	Cylinder sleeve complete
13 •	145 6752	Casing ring complete
14 •	143 4227	O-ring
15 •	145 6757	Groove ring with supporting ring
16	145 6745	Lock activator complete
17 •	143 4226	O-ring
18 •	143 4210	Spacer ring
19 •	144 5290	Compression spring
20 •	143 4211	Pressure pipe complete
21 •	143 4231	O-ring
22	143 4212	Resetting piston, complete
23 •	143 4225	O-ring
24	143 4213	Cover complete
25	143 4233	Spent mandrel container, complete
26	144 5295	Air deflector
27	143 4214	Valve body complete
28 •	143 4221	Flat gasket
29	145 6742	Grip, complete
30	145 6753	Release valve, complete
31	143 4219	Bolt
32	143 4216	Silencer
33	145 6756	Distributing valve complete
34 •	145 6758	Set of seals for slide valve
36	143 4220	Hose complete
37	144 5819	Stud bolt
38	143 4218	Suction valve complete
39 •	143 4228	O-ring
40	145 6755	Sealing ring mount complete
41 •	143 4223	Rod seal
42	143 4217	Channel tube
43	145 6748	Air piston complete
44 •	143 5201	O-ring
45 •	143 4224	O-ring
46	145 6743	Cylinder complete
47	143 4235	Casing
48	143 4236	Bottom
49	144 5292	Countersunk screw
50 •	143 4237	Rubber base
	144 5293	Ball Allen key
	143 4311	Universal wrench MSU
	144 5294	Hydraulic oil refill bottle, 100 ml
	143 4234	Jaw assembly conversion kit for small rivet Ø
	145 6759	Changeover set for BULB-TITE®
•	143 4301	Nosepiece 16/26 BT for 4 mm Ø BULB-TITE® rivets
•	143 4302	Nosepiece 16/32 BT for 5,2 mm Ø BULB-TITE® rivets
•	143 4303	Nosepiece 16/42 BT for 6,3 mm Ø BULB-TITE® rivets
•	143 4304	Nosepiece 16/48 BT for 7,7 mm Ø BULB-TITE® rivets
	143 4167	Jaw pusher 4,0 and 5,2 mm Ø blind rivets
	143 4168	Jaw pusher 6,3 and 7,7 mm Ø blind rivets
•	143 4173	Jaws (3-part) for BULB-TITE® rivets
	145 6762	Changeover set for MEGA GRIP®
•	143 4380	Nosepiece 16/31 MG
•	143 4381	Nosepiece 16/41 MG
•	143 4240	Jaws (3-part) for MEGA GRIP® rivets
	143 4168	Jaw Pusher

• Wearing parts

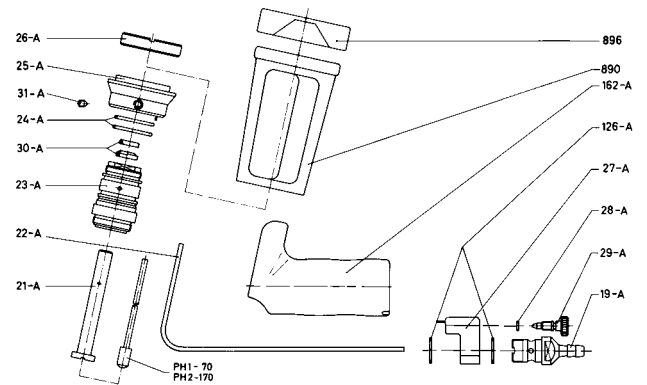
You will find detailed nosepiece allocation tables on page 353.

You will find spare part kits for PH 2000 on page 387.

Special accessories for hydro-pneumatic setting tools

VAS for PH 1 and PH 2

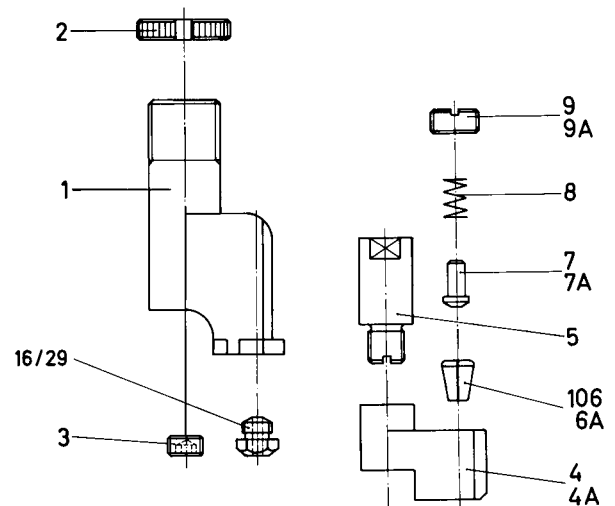
Spare part no.	Article no.	Designation
19-A	143 5248	Connecting nipple
21-A	143 5249	Nozzle tube
22-A •	143 5250	Plastic tube
23-A	143 5251	Connection screw complete with 24-A and 30-A
24-A •	143 5252	O-ring set
25-A	143 5253	Connection ring complete with 31-A and nipple
26-A	143 5254	Slotted nut
27-A	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

Spare part no.	Article no.	Designation
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



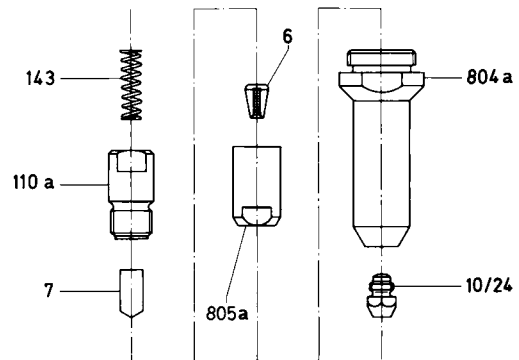
• Wearing parts

Special accessories for hydro-pneumatic setting tools

Small jaw assembly for PH 1 and PH 2

Spare part no.	Article no.	Designation
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

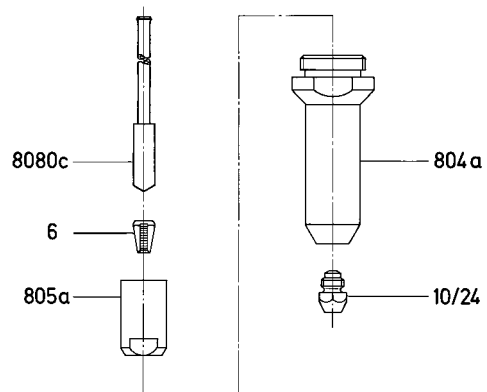
- Wearing parts



Small jaw assembly for PH 2000

Spare part no.	Article no.	Designation
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

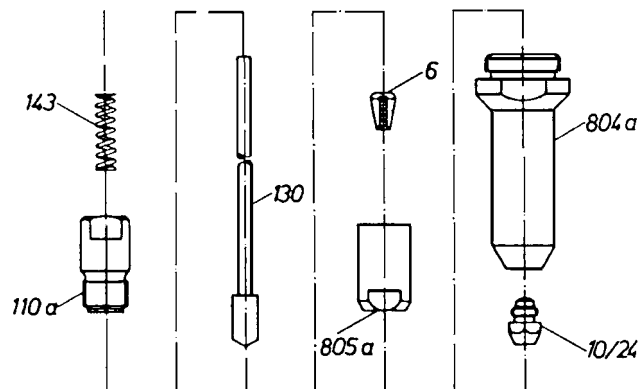


Special accessories for hydro-pneumatic setting tools

Small jaw assembly for PH-Axial

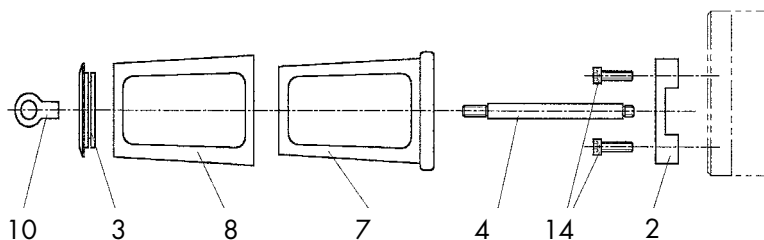
Spare part no.	Article no.	Designation
298	145 8075	Small jaw assembly complete with nosepiece 10/24 (optionally also with 10/18, 10/27, 10/29, 10/32)
6 •	143 4071	Jaws (2-part) per set
10/18 •	143 4055	Nosepiece
10/24 •	143 4061	Nosepiece
10/27 •	143 4062	Nosepiece
10/29 •	143 4064	Nosepiece
10/32 •	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

Spare part no.	Article no.	Designation
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



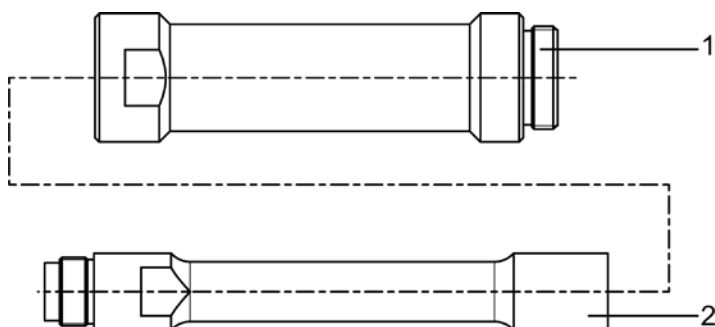
Special accessories for hydro-pneumatic setting tools

PH1/PH2 extension unit 100 mm

Two-part for PH 1 and PH 2:

Article no. 145 6779

Spare part no.	Article no.	Designation
1	143 4164	Extension sleeve
2	143 4166	Extension piece

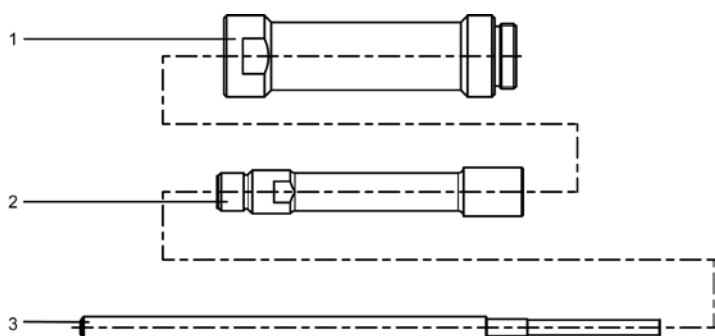


PH 2000 extension unit 100 mm

Three-part for PH 2000:

Article no. 145 6765

Spare part no.	Article no.	Designation
1	143 4164	Extension sleeve
2	143 4165	Extension piece
3	143 4170	Jaw pusher with nozzle tube

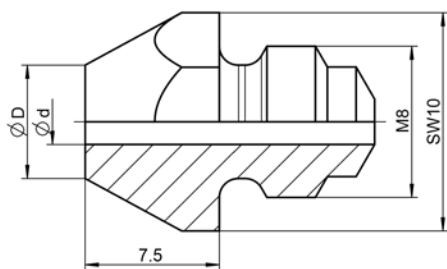


Nosepieces for blind rivet setting tools

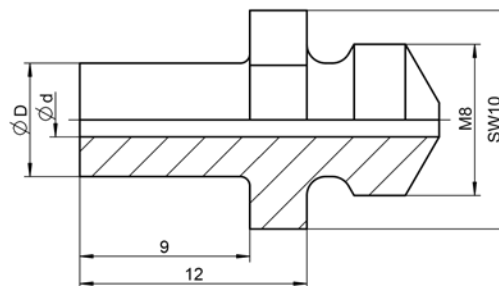
NTS, NTX, NTX-F, Flipper®, SN 1, PH 1-VK, PH 2-VK and PH 1-L

Rivet Ø	Rivet material	Ø d	Ø D	Standard	Article no.	Extended version (9mm)	Article no.
2.4	Al	1.6	6.0	10/16	143 4054		
2.4	Al	1.8	6.0	10/18	143 4055	V-10/18	143 4096
3.2	CAP® Al, CAP® copper	1.8	6.0	10/18	143 4055	V-10/18	143 4096
3 and 3.2	Al, Cu, steel, stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	6.0	10/24	143 4061	V-10/24	143 4097
4	Al, Cu	2.4	6.0	10/24	143 4061	V-10/24	143 4097
4	Steel, CAP® Al, CAP® Cu, Al/Al, PG Al	2.7	6.0	10/27	143 4062	V-10/27	143 4098
4	Stainless steel, Stinox, PG steel	2.9	8.0	10/29	143 4064	V-10/29	143 4099
4.8	CAP® Al, CAP® Cu	2.9	8.0	10/29	143 4064	V-10/29	143 4099
4.8 and 5	Al, PG Al	3.2	8.0	10/32	143 4065	V-10/32	143 4100
4	Plastic	3.0		10/30 K	143 4092		
5	Plastic	3.5		10/35 K	143 4093		
6	Plastic	4.0		10/40 K	143 4094		

Standard version
10/..... Nosepieces



Extended version (9mm)
V-10/.....Nosepieces



Nosepieces for blind rivet setting tools

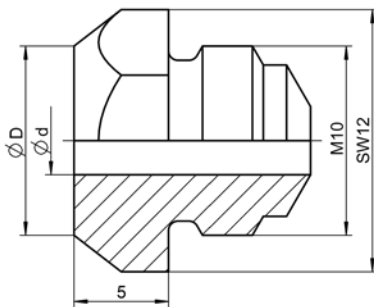
SN 2*, HN 2, PH 1, PH 2, PH 2-KA, PH-Axial and PH 2000

Rivet Ø	Rivet material	Ø d	Ø D	Standard	Article no.	Extended version (10 mm)	Article no.
2.4	Al	1.8	6.0	16/18	143 4285	V-16/18	143 4370
3.2	CAP® Al, CAP® copper	1.8	6.0	16/18	143 4285	V-16/18	143 4370
3	Al/Cu	2.0	6.0	16/20	143 4287	V-16/20	143 4371
3 and 3.2	Al, Cu, steel, stainless steel, Stinox, Al/ Al, PG Al, PG steel	2.4	6.0	16/24	143 4288	V-16/24	143 4372
4	Al, Cu, CAP® Al, CAP® Cu	2.4	6.0	16/24	143 4288	V-16/24	143 4372
4	Steel, Al/ Al, PG Al	2.7	8.0	16/27	143 4289	V-16/27	143 4373
4	Stainless steel, Stinox, PG steel	3.0	8.0	16/29	143 4290	V-16/29	143 4374
4.8 and 5	CAP® Al, CAP® Cu, PG Al	3.0	8.0	16/29	143 4290	V-16/29	143 4374
4.8 and 5	Steel, Al/ Al	3.35	8.0	16/32	143 4291	V-16/32	143 4375
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	10.0	16/36	143 4292	V-16/36	143 4376
6	Al	3.6	10.0	16/36	143 4292	V-16/36	143 4376
6	Steel	4.0	10.0	16/40	143 4293	***V-16/40	143 4369
6.4	Al, PG Al	4.0	10.0	16/40	143 4293	***V-16/40	143 4369
6.4	Steel, Al/ Al	4.5	10.0	16/45	143 4300	V-16/45	143 4378
4	Plastic	3.0	6.0	**16/30 K	143 4130		
5	Plastic	3.5	6.0	**16/35 K	143 4131		
6	Plastic	4.0	6.0	**16/40 K	143 4132		

* up to April 2010

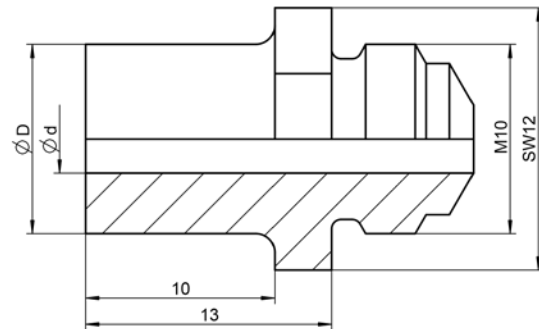
Standard version

16/..... Nosepieces



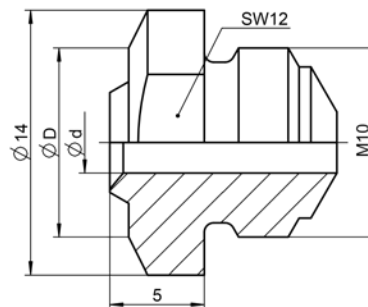
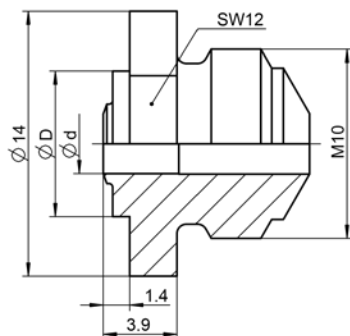
Extended version (10 mm)

V-16/..... Nosepieces



Rivet Ø	Rivet material	Ø d	Ø D	Designation	Article no.
4.8	all MEGA GRIP®	3.1	8.0	16/31 MG	143 4380
6.4	all MEGA GRIP®	4.2	10.0	16/41 MG	143 4381
4.8	Monobolt®	3.15	7.7	16/31 MB	143 4379
6.4	Monobolt®	4.2	9.5	16/42 MB	143 4163

Rivet Ø	Rivet material	Ø d	Ø D	Designation	Article no.
4	all BULB-TITE®	2.64	8.0	16/26 BT	143 4301
5.2	all BULB-TITE®	3.23	10.0	16/32 BT	143 4302
6.3	all BULB-TITE®	4.2	11.0	16/42 BT	143 4303
7.7	all BULB-TITE®	4.8	10.0	16/48 BT	143 4304



Nosepieces for blind rivet setting tools

SN 2*, AccuBird®, AccuBird® Pro, PowerBird®, PowerBird® Pro Gold Edition und TAURUS®

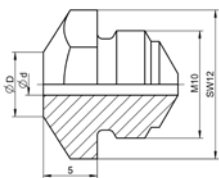
Rivet Ø	Rivet material	Ø d	Ø D	Standard	Article no.	Extended version (8mm)	Article no.
2,4	Al	1.6	6.0	17/16	143 4972	-	-
2,4	Al	1.8	6.0	17/18	143 4976	V-17/18	143 4979
3.2	CAP® Al, CAP® copper	1.8	6.0	17/18	143 4976	V-17/18	143 4979
3	Al/Cu	2.0	6.0	17/20	143 4994	V-17/20	145 7315
3	Al, Cu, Steel, Stainless steel, Stinox, Al/Al	2.2	6.0	17/22	143 5018	V-17/22	145 7323
3 and 3.2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	6.0	17/24	143 4955	V-17/24	143 4980
4	Al, Cu, CAP® Al, CAP® Cu	2.4	6.0	17/24	143 4955	V-17/24	143 4980
4	Steel, Al/Al, PG Al	2.7	8.0	17/27	143 4973	V-17/27	143 4981
4	Stainless steel, Stinox, PG steel	3.0	8.0	17/29	143 4974	V-17/29	143 4982
4.8 and 5	Al, CAP® Al, CAP® Cu, PG Al	3.0	8.0	17/29	143 4974	V-17/29	143 4982
4.8 and 5	Steel, Al/Al	3.35	8.0	17/32	143 4975	V-17/32	143 4983
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	10.0	17/36	143 4977	V-17/36	143 4984
6	Al	3.6	10.0	17/36	143 4977	V-17/36	143 4984
6	Steel	4.0	10.0	17/40	143 4999	V-17/40	143 5038
6.4	Al, PG Al	4.0	10.0	17/40	143 4999	V-17/40*	143 5038
6.4	Steel, Al/Al	4.5	10.0	17/45	143 4860	V-17/45**	143 4866

Rivet Ø	Rivet material	Ø d	Ø D	Designation	Article no.
4.8	all MEGA GRIP®	3.1	8.0	17/31 MG	143 4993
6.4	all MEGA GRIP®	4.2	10.0	17/41 MG	143 4865
4.8	Monobolt®	3.1	8.0	17/31 MB *	143 4868
6.4	Monobolt®	4.2	9.5	17/42 MB *	143 4869

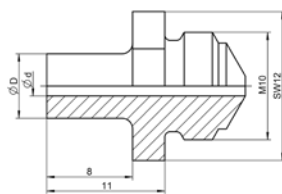
Rivet Ø	Rivet material	Ø d	Ø D	Designation	Article no.
4	all BULB-TITE®	2.64	8.0	17/26 BT	143 4985
5.2	all BULB-TITE®	3.23	10.0	17/32 BT	143 4986
6.3	all BULB-TITE®	4.2	11.0	17/42 BT	143 4988
7.7	all BULB-TITE®	4.8	10.0	17/48 BT	143 4989

* from May 2010

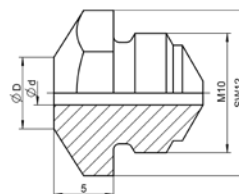
Standard version
17/.....Nosepieces



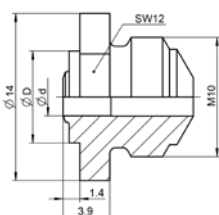
Extended version (8 mm)
V-17/.....Nosepieces



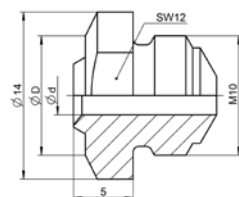
Special version
17/.....MG Nosepieces



Special version
17/.....MB Nosepieces



Special version
17/.....BT Nosepieces

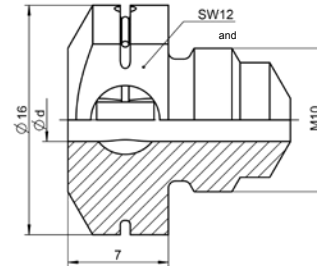


Special nosepieces for blind rivet setting tools

Retaining nosepieces

for AccuBird®, AccuBird® Pro, PowerBird®
and PowerBird® Pro Gold Edition

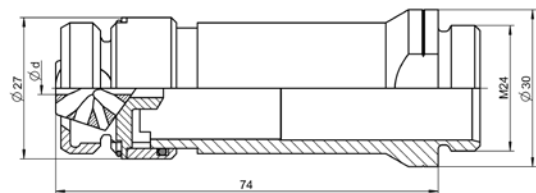
Rivet Ø	Rivet material	Ø d	Designation	Article no.
2.4	Al	1.85	17/18 R	143 5010
3.2	CAP® Al, CAP® copper	1.85	17/18 R	143 5010
3	Al/Cu, Al, Cu, Steel, Stainless steel, Stinox, Al/Al	2.0	17/20 R	145 0669
3	Al, Cu, Steel, Stainless steel, Stinox, Al/Al	2.2	17/22 R	145 0670
3 and 3.2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	17/24 R	143 5011
4	Al, Cu, CAP® Al, CAP® Cu	2.4	17/24 R	143 5011
4	Steel, Al/Al, PG Al	2.7	17/27 R	143 5012
4	Stainless steel, Stinox, PG steel	2.9	17/29 R	143 5013
4.8 and 5	Al, CAP® Al, CAP® Cu, PG Al	2.9	17/29 R	143 5013
4.8 and 5	Steel, Al/Al	3.2	17/32 R*	143 5014
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	17/36 R*	143 5015
6	Al	3.6	17/36 R*	143 5015
6	Steel	4.0	17/40 R**	145 7347
6.4	Al, PG Al	4.0	17/40 R**	145 7347
6.4	Steel, Al/Al	4.5	17/45 R**	145 7348



*Also for PowerBird®
**Only for PowerBird®

Universal nosepiece

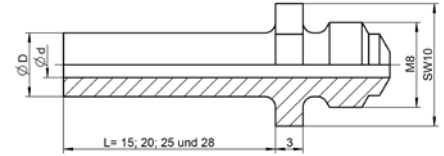
Rotary star Rivet Ø	Allocation / working range Rivet material	Ø d	HN 2, SN 2, PH 1, PH 2, PH 2-KA and PH 2000	AccuBird®, AccuBird® Pro, PowerBird® and Power- Bird® Pro Gold Edition
2.4	Al	1.8	Article no. 145 6776	Article no. 143 4960
3.2	CAP® Al, CAP® copper	1.8		
3 and 3.2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4		
4	Al, Cu, CAP® Al, CAP® Cu	2.4		
4	Steel, Al/Al, PG Al	2.7		
4	Stainless steel, Stinox, PG steel	2.9		
4.8 and 5	Al, CAP® Al, CAP® Cu, PG Al	2.9		
4.8 and 5	Steel, Al/Al	2.9		



Special nosepieces for blind rivet setting tools

NTS, NTS-K, NTX, NTX-F, Flipper®, SN 1, PH 1-VK, PH 2-VK and PH 1-L

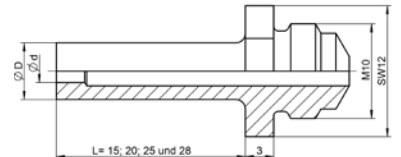
Rivet Ø	Rivet material	Ø d	Ø D	Designation	15 mm	20 mm	25 mm
3 and 3.2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	6.5	10/24 SL...	-	145 6630	145 6632
4	Al, Cu	2.4	6.5	10/24 SL...	-	145 6630	145 6632
4	Steel, CAP® Al, CAP® Cu, Al/Al, PG Al	2.7	7.0	10/27 SL...	145 6634	145 6635	-
4	Stainless steel, Stinox, PG steel	2.9	8.0	10/29 SL...	145 6638	-	-
4.8	CAP® Al, CAP® Cu	2.9	8.0	10/29 SL...	145 6638	-	-
4.8 and 5	Al, PG Al	3.2	8.0	10/32 SL...	145 6641	145 6642	-



CAUTION! BLIND RIVETS MUST BE ORDERED AS A CUSTOM-MADE PRODUCT WITH EXTENDED MANDREL!

SN 2, HN 2, PH 1, PH 2, PH 2-KA, PH-Axial and PH 2000

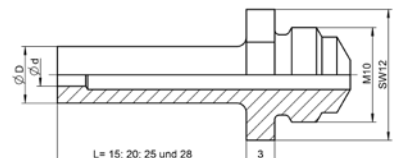
Rivet Ø	Rivet material	Ø d	Ø D	Designation	15 mm	20 mm	25 mm	28 mm
3 and 3.2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	6.0	16/24 SL...	145 6812	145 6813	145 6814	145 6815
4	Al, Cu	2.4	6.0	16/24 SL...	145 6812	145 6813	145 6814	145 6815
4	Steel, PG Al	2.7	8.0	16/27 SL...	145 6816	145 6817	145 6818	145 6819
4	Stainless steel, Stinox, PG steel	3.0	8.0	16/29 SL...	145 6820	145 6821	145 6822	145 6823
4.8 and 5	Al, PG Al	3.0	8.0	16/29 SL...	145 6820	145 6821	145 6822	145 6823
4.8 and 5	Steel	3.35	8.0	16/32 SL...	145 6824	145 6825	145 6826	-
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	10.0	16/36 SL...	145 6828	-	-	-
6	Al	3.6	10.0	16/36 SL...	145 6828	-	-	-
6.4	Al, PG Al	4.0	10.0	16/40 SL...	145 6807	-	-	-
6.4	Steel, Al/Al	4.5	10.0	16/45 SL...	145 6805	145 6806	-	-



CAUTION! BLIND RIVETS MUST BE ORDERED AS A CUSTOM-MADE PRODUCT WITH EXTENDED MANDREL!

AccuBird®, AccuBird® Pro, PowerBird®, PowerBird® Pro Gold Edition and TAURUS®

Rivet Ø	Rivet material	Ø d	Ø D	Designation	15 mm	20 mm	25 mm	28 mm
2.4	Al	1.8	6.0	17/18 SL...	145 7367	145 7368	146 4039	146 4040
3.2	CAP® Al, CAP® copper	1.8	6.0	17/18 SL...	145 7367	145 7368	146 4039	146 4040
3	Al/Cu	2.0	6.0	17/20 SL...	145 7314	145 7305	146 4041	145 7369
3	Al, Cu, Steel, Stainless steel, Stinox, Al/Al	2.2	6.0	17/22 SL...	145 7351	-	145 7349	145 0668
3 and 3.2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	6.0	17/24 SL...	145 7370	145 7371	145 7372	145 7373
4	Al, Cu	2.4	6.0	17/24 SL...	145 7370	145 7371	145 7372	145 7373
4	Steel, PG Al	2.7	8.0	17/27 SL...	145 7374	145 7376	145 7377	143 5035
4	Stainless steel, Stinox, PG steel	3.0	8.0	17/29 SL...	145 7378	145 7379	145 7381	145 7382
4.8 and 5	Al, PG Al	3.0	8.0	17/29 SL...	145 7378	145 7379	145 7381	145 7382
4.8 and 5	Steel	3.35	8.0	17/32 SL...	145 7383	145 7385	145 7386	145 7388
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	10.0	17/36 SL...	145 7390	145 7392	145 7393	145 7394
6	Al/Al	3.6	10.0	17/36 SL...	145 7390	145 7392	145 7393	145 7394
6	Steel	4.0	10.0	17/40 SL...	145 7399	145 7400	145 7401	145 7402
6.4	Al, Stainless steel, PG Al, PG steel and G-Bulb	4.5	10.0	17/45 SL...	145 7265	145 0673	145 7404	145 7398



CAUTION! BLIND RIVETS MUST BE ORDERED AS A CUSTOM-MADE PRODUCT WITH EXTENDED MANDREL!

Plate nosepieces (for riveting soft and fragile materials)

Plate nosepiece P without cut-out

Rivet Ø	Rivet material	Ø d	Designation	SN 2, HN 2, PH 1, PH 2, PH 2-KA, PH-Axial, PH 2000		TAURUS® AccuBird® PowerBird®	
				Article no. Dome head	Designation	Article no.	Article no.
3 and 3,2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	P 16/24	145 6649	P 17/24	145 7335	
4	Al, Cu, CAP® Al, CAP® Cu	2.4	P 16/24	145 6649	P 17/24	145 7335	
4	Steel, Al/Al, PG Al	2.7	P 16/27	145 6650	P 17/27	145 7336	
4	Stainless steel, Stinox, PG steel	3.0	P 16/29	145 6651	P 17/29	145 7337	
4.8 and 5	Al, CAP® Al, CAP® Cu, PG Al	3.0	P 16/29	145 6651	P 17/29	145 7337	
4.8 and 5	Steel, Al/Al	3.35	P 16/32	145 6657	P 17/32	145 7338	
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	P 16/36	145 6656	P 17/36	145 7339	
6	Al	3.6	P 16/36	145 6656	P 17/36	145 7339	

For countersunk head blind rivets

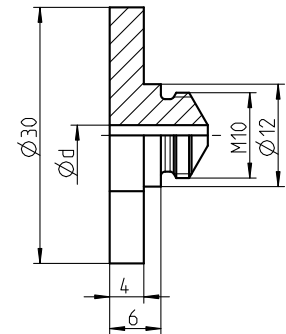
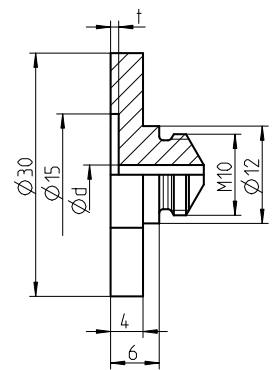


Plate nosepiece PA with cut-out

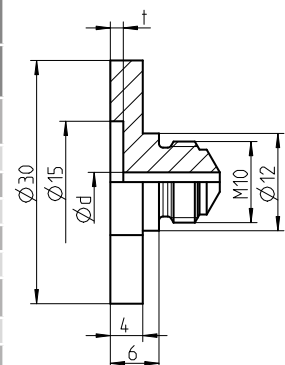
Rivet Ø	Rivet material	Ø d	Designation	Depth t	SN 2, HN 2, PH 1, PH 2, PH 2-KA, PH-Axial, PH 2000		Depth t	TAURUS® AccuBird® PowerBird®	
					Article no. Dome head	Designation		Article no.	Article no.
3 and 3,2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	PA 16/24	1.0	145 6659	PA 17/24	1.0	145 7330	
4	Al, Cu, CAP® Al, CAP® Cu	2.4	PA 16/24	1.0	145 6659	PA 17/24	1.0	145 7330	
4	Steel, Al/Al, PG Al	2.7	PA 16/27	1.0	145 6660	PA 17/27	1.0	145 7331	
4	Stainless steel, Stinox, PG steel	3.0	PA 16/29	1.1	145 6661	PA 17/29	1.1	145 7341	
4.8 and 5	Al, CAP® Al, CAP® Cu, PG Al	3.0	PA 16/29	1.1	145 6661	PA 17/29	1.1	145 7341	
5	Al-large flange K 11 and K 14	3.0	PA 16/29 K	1.5	145 6652	PA 17/29 K	1.5	145 7332	
4.8 and 5	Steel, Al/Al	3.35	PA 16/32	1.1	145 6653	PA 17/32	1.1	145 7333	
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	PA 16/36	1.1	145 6662	PA 17/36	1.1	145 7342	
6	Al	3.6	PA 16/36	1.3	145 6666	PA 17/36	1.3	145 7334	

For standard blind rivets (dome head)

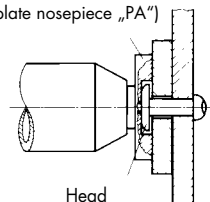


Pivot nosepieces PG for the production of articular rivet connections

Rivet Ø	Rivet material	Ø d	Designation	Depth t	SN 2, HN 2, PH 1, PH 2, PH 2-KA, PH-Axial, PH 2000		Depth t	TAURUS® AccuBird® PowerBird®	
					Article no. Dome head	Designation		Article no.	Article no.
3 and 3,2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	PG 16/24	1.6	145 6663	PG 17/24	1.6	143 5002	
4	Al, Cu, CAP® Al, CAP® Cu	2.4	PG 16/24	1.6	145 6663	PG 17/24	1.6	143 5002	
4	Steel, Al/Al, PG Al	2.7	PG 16/27	1.6	145 6664	PG 17/27	1.6	143 5003	
4	Stainless steel, Stinox, PG steel	3.0	PG 16/29	1.6	145 6655	PG 17/29	1.6	143 5007	
4.8 and 5	Al, CAP® Al, CAP® Cu, PG Al	3.0	PG 16/29	1.6	145 6655	PG 17/29	1.6	143 5007	
5	Al-large flange K 11 and K 14	3.0	PG 16/29 K	2.0	145 6658	PG 17/29 K	2.0	143 5004	
5	Al-large flange K 16	3.0	-	-	-	PG 17/29 K16	2.0	143 5009	
4.8 and 5	Steel, Al/Al	3.35	PG 16/32	1.6	145 6654	PG 17/32	1.6	143 5005	
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	PG 16/36	1.6	145 6665	PG 17/36	1.6	143 5006	
6	Al	3.6	PG 16/36	2.0	146 4002	PG 17/36	2.0	145 7340	



Pivot nosepiece PG (dimensions compare plate nosepiece „PA“)



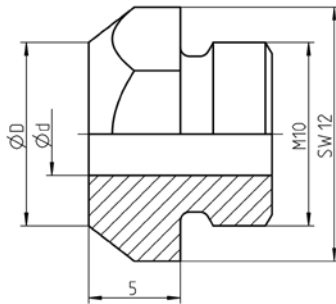
DELIVERY TIMES ON REQUEST!

Nosepieces for setting tools with spring-loaded trigger system

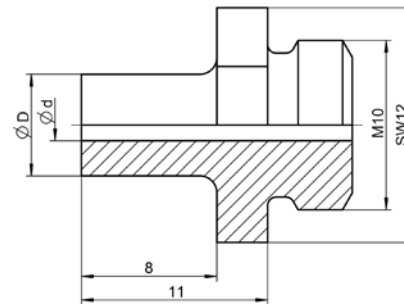
AccuBird® Pro, PowerBird® Pro Gold Edition and TAURUS® (as from march 2013)

Rivet Ø	Rivet material	Ø d	Ø D	Standard	Article no.	Extended version (8mm)	Article no.
2.4	Al	1.85	6.0	17/18 AV	143 5591	V-17/18 AV	145 7291
3.2	CAP® Al, CAP® copper	1.85	6.0	17/18 AV	143 5591	V-17/18 AV	145 7291
3	Al/Cu	2.0	6.0	17/20 AV	143 4990	V-17/20 AV	145 0666
3	Al, Cu, Steel, Stainless steel, Stinox, Al/Al	2.2	6.0	17/22 AV	143 4991	V-17/22 AV	145 0667
3 and 3.2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	6.0	17/24 AV	143 5592	V-17/24 AV	145 7292
4	Al, Cu, CAP® Al, CAP® Cu	2.4	6.0	17/24 AV	143 5592	V-17/24 AV	145 7292
4	Steel, Al/Al, PG Al	2.7	8.0	17/27 AV	143 5593	V-17/27 AV	145 0628
4	Stainless steel, Stinox, PG steel	3.0	8.5	17/29 AV	143 5594	V-17/29 AV	145 0629
4.8 and 5	Al, CAP® Al, CAP® Cu, PG Al	3.0	8.5	17/29 AV	143 5594	V-17/29 AV	145 0629
4.8 and 5	Steel, Al/Al	3.35	8.5	17/32 AV	143 5595	V-17/32 AV	145 7725
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	10.0	17/36 AV	143 5596	V-17/36 AV	145 0630
6	Al	3.6	10.0	17/36 AV	143 5596	V-17/36 AV	145 0630
6	Steel	4.0	10.0	17/40 AV	143 5597	V-17/40 AV	145 7293
6.4	Al, PG Al	4.0	10.0	17/40 AV	143 5597	V-17/40 AV	145 7293
6.4	Steel, Al/Al	4.5	10.0	17/45 AV	143 5598	V-17/45 AV	145 0631

Standard version
17/.....Nosepieces



Extended version (8 mm)
V-17/.....Nosepieces

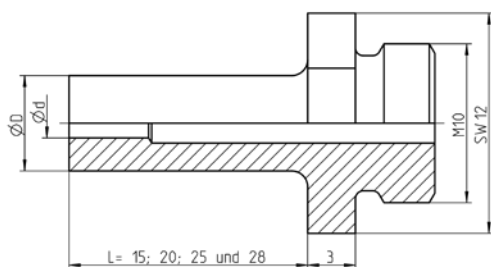


Nosepieces for setting tools with spring-loaded trigger system

AccuBird® Pro, PowerBird® Pro Gold Edition and TAURUS® (as from march 2013)

Rivet Ø	Rivet material	Ø d	Ø D	Designation	15 mm	20 mm	25 mm	28 mm
2.4	Al	1.85	6.0	17/18 AV SL...	145 0634	145 0635	145 0636	145 0637
3.2	CAP® Al, CAP® copper	1.85	6.0	17/18 AV SL...	145 0634	145 0635	145 0636	145 0637
3	Al/Cu	2.0	6.0	17/20 AV SL...	145 0658	145 0659	145 0660	145 0661
3	Al, Cu, Steel, Stainless steel, Stinox, Al/Al	2.2	6.0	17/22 AV SL...	145 0662	145 0663	145 0664	145 0665
3 and 3.2	Al, Cu, Steel, Stainless steel, Stinox, Al/Al, PG Al, PG steel	2.4	6.0	17/24 AV SL...	145 0638	145 7321	145 0639	145 0640
4	Al, Cu	2.4	6.0	17/24 AV SL...	145 0638	145 7321	145 0639	145 0640
4	Steel, PG Al	2.7	8.0	17/27 AV SL...	145 0641	145 7322	145 0642	145 7726
4	Stainless steel, Stinox, PG steel	3.1	8.0	17/29 AV SL...	145 7324	145 0643	145 7325	145 0644
4.8 and 5	Al, PG Al	3.1	8.0	17/29 AV SL...	145 7324	145 0643	145 7325	145 0644
4.8 and 5	Steel	3.35	8.0	17/32 AV SL...	145 0645	145 7326	145 0646	145 0647
4.8 and 5	Stainless steel, Stinox, PG steel	3.6	10.0	17/36 AV SL...	145 0648	145 0649	145 0650	145 0651
6	Al/Al	3.6	10.0	17/36 AV SL...	145 0648	145 0649	145 0650	145 0651
6	Steel	4.0	10.0	17/40 AV SL...	145 7327	145 7328	145 0652	145 0653
6.4	Al, Stainless steel, PG Al, PG steel and G-Bulb	4.5	10.0	17/45 AV SL...	145 0654	145 0655	145 0656	145 0657

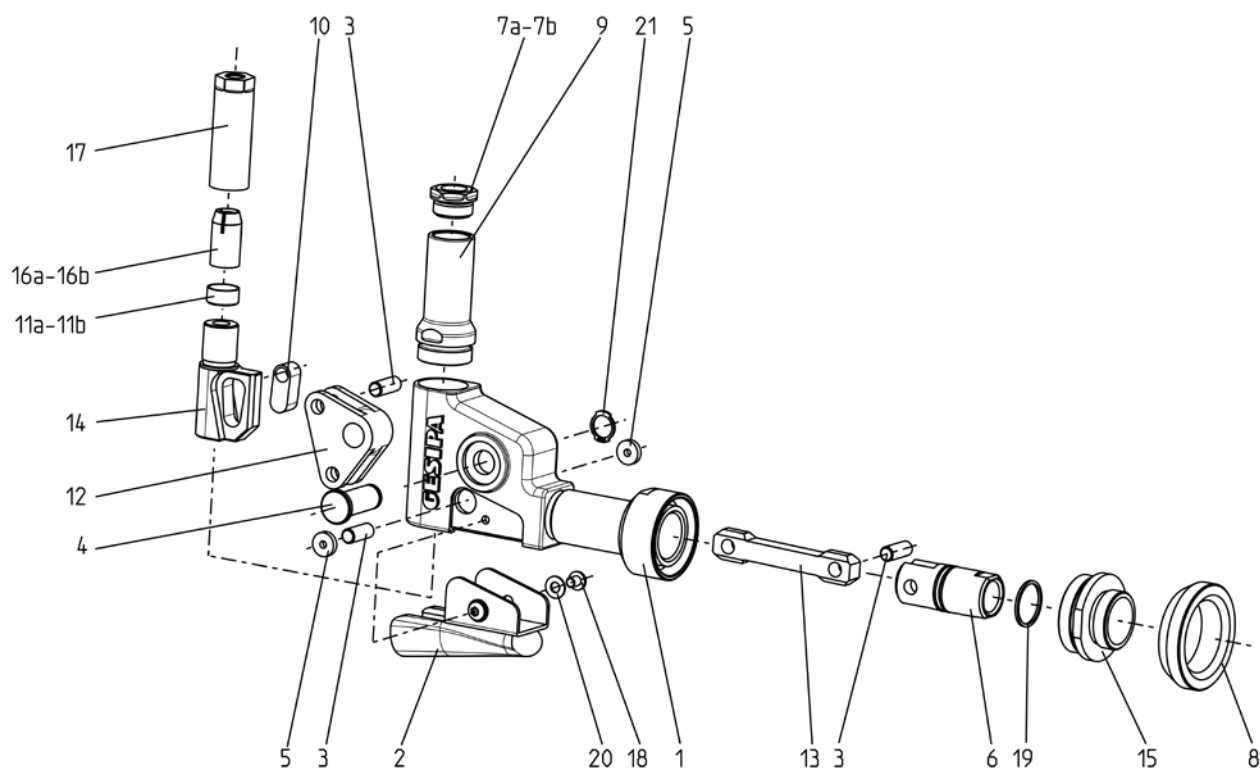
CAUTION! BLIND RIVETS MUST BE ORDERED AS A CUSTOM-MADE PRODUCT WITH EXTENDED MANDREL!



Lockbolt setting tools

TAURUS® 4 SRB with angle head 90° for 6.4mm (1/4") C6L and Magna-Grip® lockbolts

Spare part no.	Article no.	Designation
1	145 0977	Housing unit
2	145 0970	Protecting cap complete
3	143 5908	Bolt
4	143 5911	Bolt
5	143 5914	Spacer
6	143 5919	Fork head
7a	143 5993	Nosepiece C6L
7b	143 5942	Nosepiece Magna-Grip®
8	143 5952	Ring
9	143 5994	Head
10	143 5935	Piece
11a	143 5995	Supporting ring C6L
11b	143 5943	Supporting ring Magna-Grip®
12	143 5936	Angle
13	143 5938	Lock activator
14	143 5996	Lock activator
15	143 5959	Adapter
16a	144 6116	Jaw C6L
16b	144 6105	Jaw Magna-Grip®
17	143 5997	Housing
18	144 6013	Screw
19	144 6012	O-ring
20	144 5716	Washer
21	144 5545	Snap ring



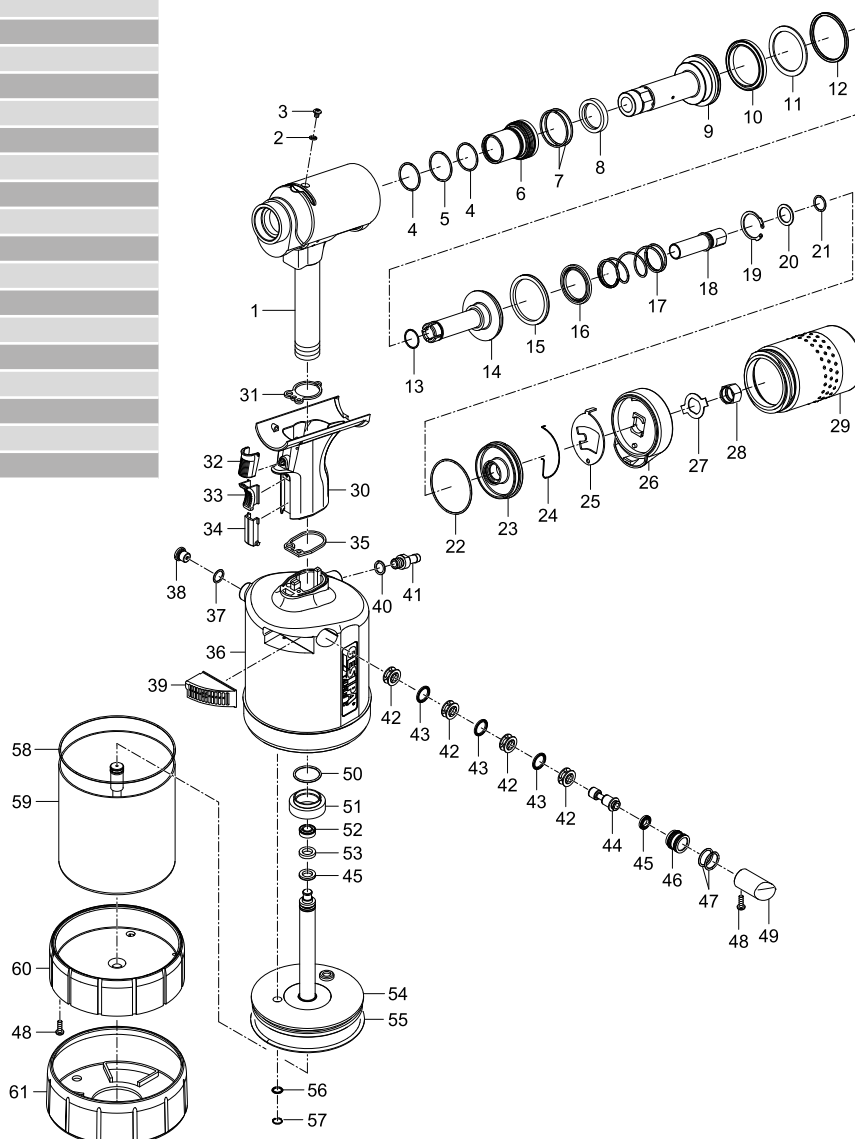
Lockbolt setting tools

TAURUS® 5 compact SRB – tool no longer available

Spare part no.	Article no.	Designation
1	145 1000	Tool head
2	144 6013	Oil screw plug
3	143 5612	Sealing ring M4
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	Piston seal
11 •	143 6052	Supporting ring
12 •	143 6051	Quad sealing ring
13	143 6046	O-ring
14	145 8012	Resetting piston, complete
15	143 6050	Piston seal
16 •	143 6053	Rod seal
17	144 6123	Spring
18	143 6030	Connecting piece
19	144 6124	Snap 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	145 7748	Grip, complete
31 •	143 5472	Flat gasket 1
32	144 6025	Activation button
33	143 5642	Slider
34	143 5686	Orifice
35 •	143 5480	Flat gasket 2
36	145 1001	Air cylinder, complete
37	143 5484	O-ring
38	145 7750	Pressure relief valve, complete
39	145 7956	Silencer complete
40	144 6030	Sealing ring
41	143 5667	Connecting nipple

Spare part no.	Article no.	Designation
42	143 5648	Spacer cage
43	143 5647	Rod seal
44	143 5651	Control piston
45 •	143 5670	Piston seal
46	143 5652	Piston housing
47	143 5688	O-ring
48	144 5773	Screw
49	144 6100	Stopper
50	143 5486	O-ring
51	143 5492	Al nut
52 •	143 5841	Piston seal
53 •	143 5825	Guide ring
54	145 7952	Air piston complete
55 •	143 5937	O-ring
56	143 5635	Rod seal
57	144 6082	Snap ring
58	143 5927	O-ring
59	145 7953	Cylinder complete
60	143 5874	Bottom
61	143 5900	Rubber foot
	144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts



Lockbolt setting tools up to April 2015

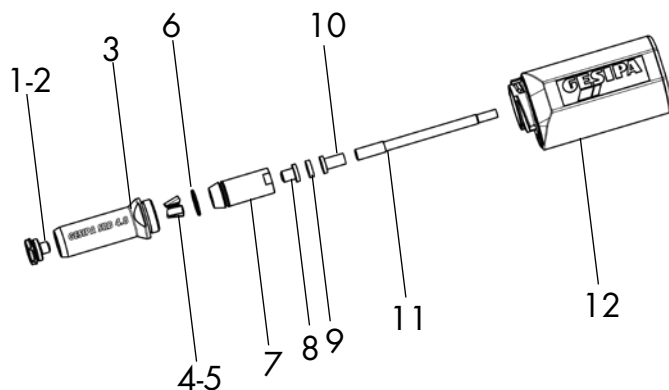
Head modules TAURUS® 3 SRB

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

Spare part no.	Article no.	Designation
1 •	143 6078	Nosepiece C6L
2 •	143 6083	Nosepiece Magna-Grip®
3	143 5909	Steel head sleeve
4 •	143 6085	Jaw for C6L*
5 •	143 6082	Jaw for Magna-Grip®*
6 •	144 6012	O-ring
7 •	143 6002	Jaw housing
8 •	143 6000	Jaw pusher
9	143 5999	Damping ring
10	143 6001	Centre part
11	143 5886	Nozzle tube
12	143 5964	Spent mandrel container, complete

• Wearing parts

* For changing the complete set you have to order 3 Jaws



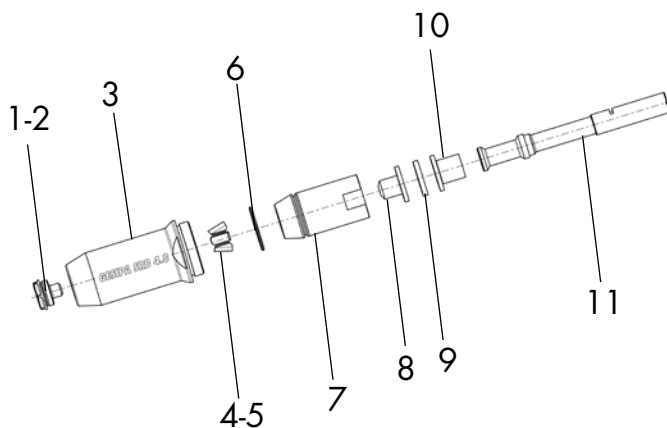
Head modules TAURUS® 5 compact SRB

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

Spare part no.	Article no.	Designation
1 •	143 6078	Nosepiece C6L
2 •	143 6083	Nosepiece Magna-Grip®
3	143 6086	Steel head sleeve 4.8
4 •	143 6085	Jaw for C6L**
5 •	143 6082	Jaw for Magna-Grip®**
6 •	143 6044	O-ring
7 •	143 6070	Jaw housing
8 •	143 6068	Jaw pusher
9	143 6064	Damping ring
10	143 6069	Centre part
11	145 8016	Nozzle tube complete

• Wearing parts

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

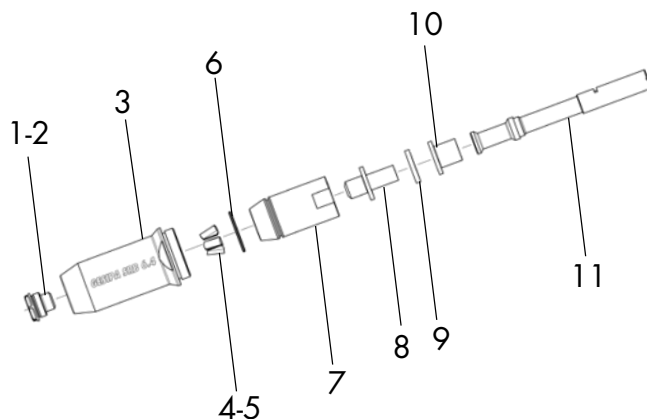


for 6.4mm (1/4") C6L and Magna-Grip® lockbolts

Spare part no.	Article no.	Designation
1 •	143 6079	Nosepiece C6L
2 •	143 6084	Nosepiece Magna-Grip®
3	143 6087	Steel head sleeve 6.4
4 •	143 6075	Jaw for C6L***
5 •	143 6076	Jaw for Magna-Grip®***
6 •	143 6044	O-ring
7 •	143 6081	Jaw housing
8 •	143 6061	Jaw pusher
9	143 6064	Damping ring
10	143 6062	Centre part
11	143 6065	Nozzle tube complete

• Wearing parts

*** For changing the complete set you have to order 5 Jaws



Lockbolt setting tools up to April 2015

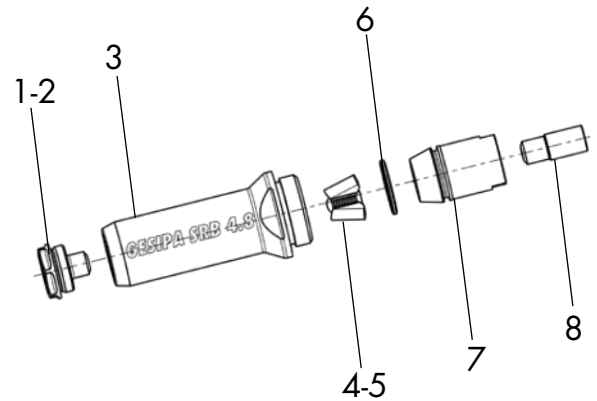
Head modules for PowerBird® SRB

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

Spare part no.	Article no.	Designation
1 •	143 6078	Nosepiece C6L
2 •	143 6083	Nosepiece Magna-Grip®
3	143 4806	Steel head sleeve 4,8
4 •	143 6085	Jaw for C6L*
5 •	143 6082	Jaw for Magna-Grip®*
6 •	144 6012	O-ring
7 •	143 5574	Jaw housing
8 •	143 4852	Jaw pusher

• Wearing parts

* For changing the complete set you have to order 3 Jaws

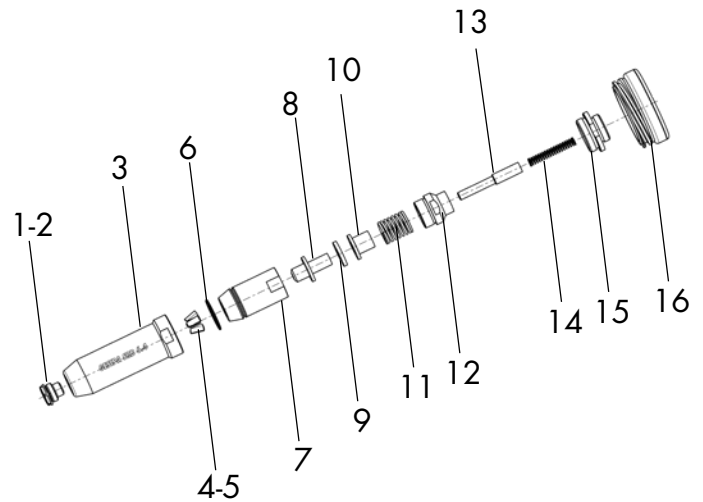


for 6,4mm (1/4") C6L and Magna-Grip® lockbolts

Spare part no.	Article no.	Designation
1 •	143 6079	Nosepiece C6L
2 •	143 6084	Nosepiece Magna-Grip®
3	143 4807	Steel head sleeve 6.4
4 •	143 6075	Jaw for C6L***
5 •	143 6076	Jaw for Magna-Grip®***
6 •	143 6044	O-ring
7 •	143 6081	Jaw housing
8 •	143 6061	Jaw pusher
9	143 6064	Damping ring
10	143 6062	Centre part
11	143 4858	Spring
12	143 4856	Connector
13	143 4854	Ejector
14	143 4857	Spring
15	143 6158	Adapter
16	143 4928	End cap

• Wearing parts

*** For changing the complete set you have to order 5 Jaws



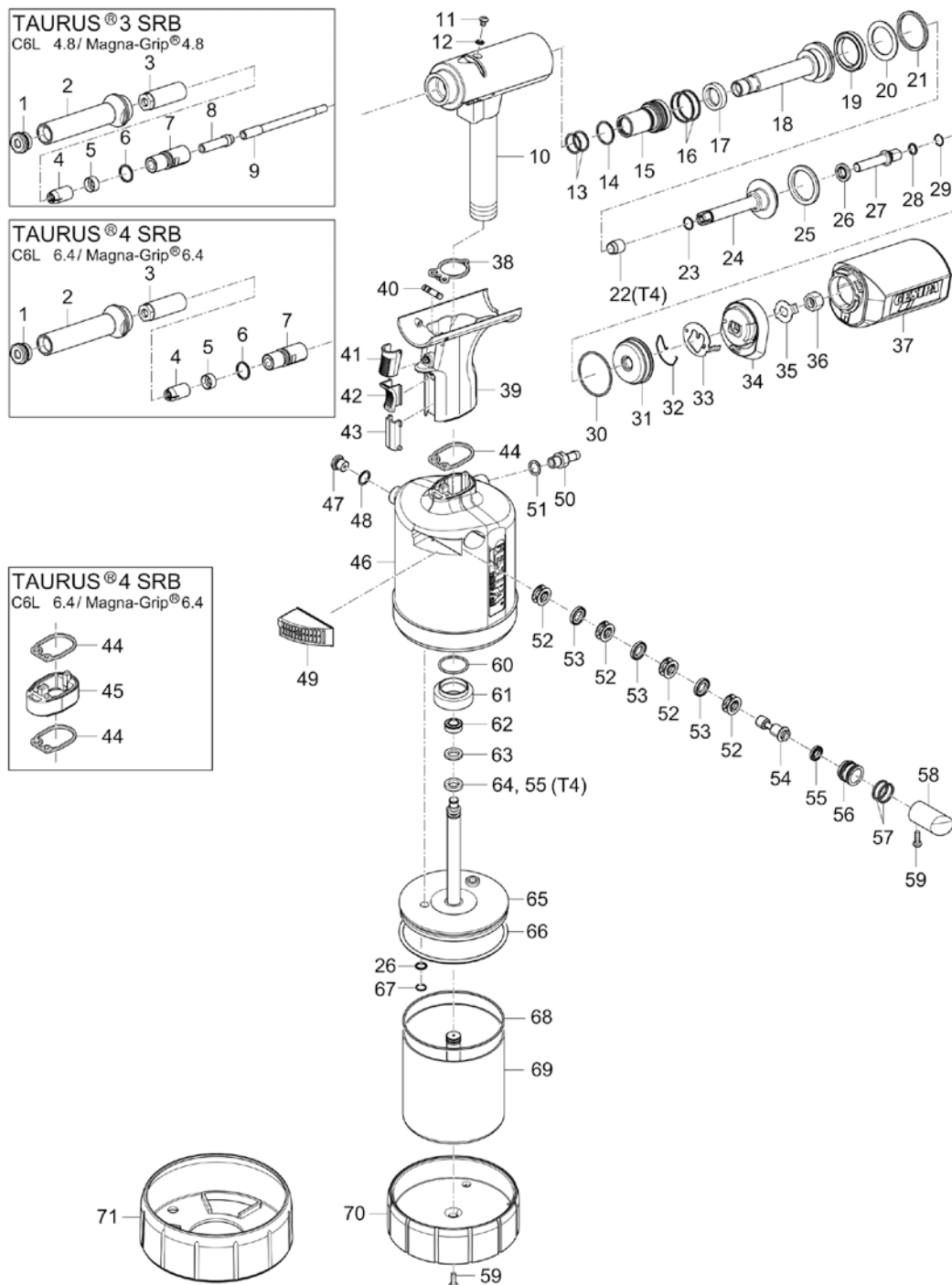
Lockbolt setting tools up to May 2015

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



Lockbolt setting tools up to May 2015

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

Spare part no.	TAURUS®-Type	Article no.	Designation
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
		144 6117	Clamping jaw C6L
4 •	T3	144 6118	Clamping jaw Magna-Grip®
		144 6116	Clamping jaw C6L
	T4	144 6105	Clamping jaw Magna-Grip®
		143 5995	Supporting ring C6L
5	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
		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

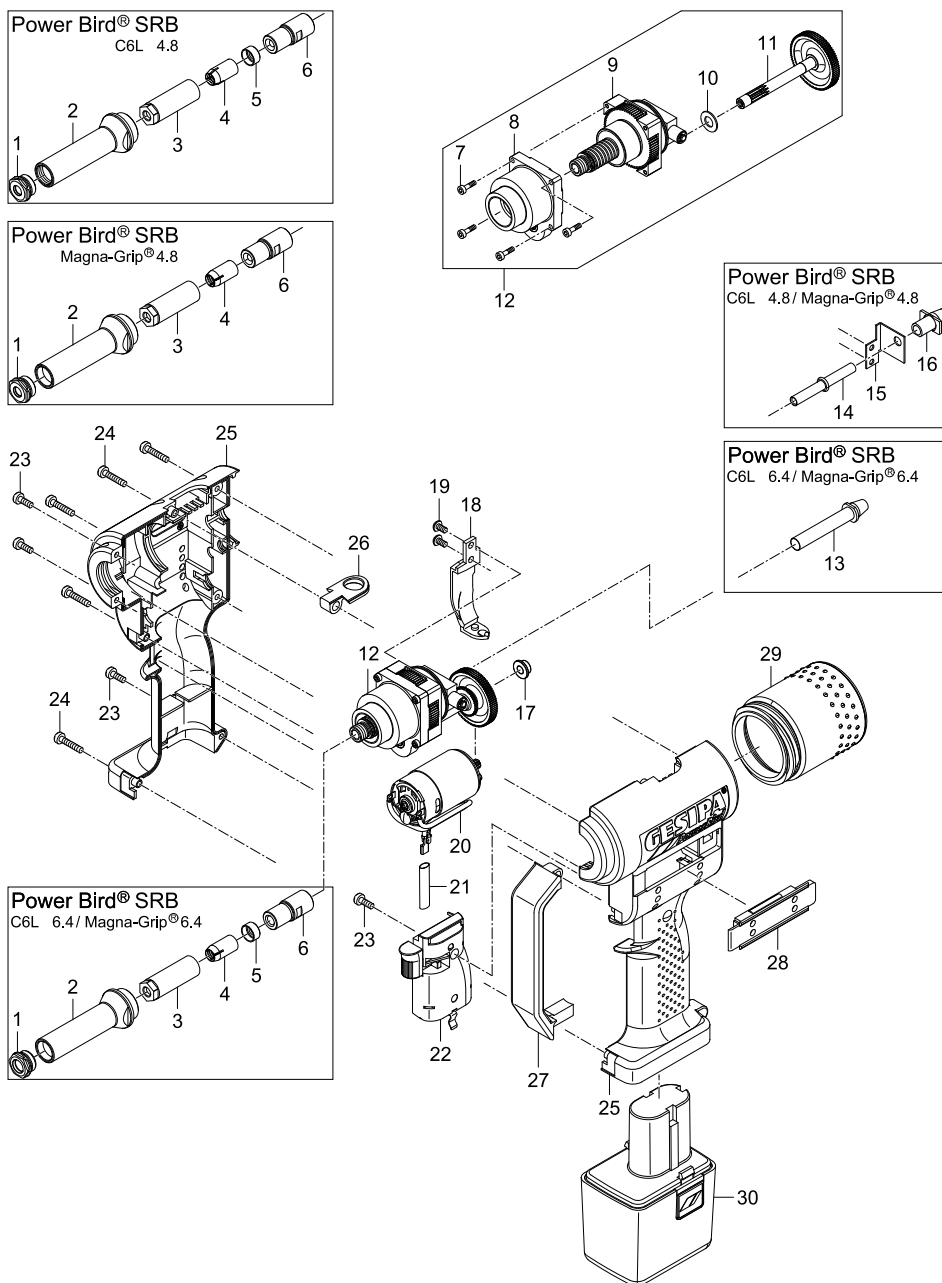
Spare part no.	TAURUS®-Type	Article no.	Designation
45	T4	143 5998	Grip extension
46	T3	145 0960	Air cylinder 3, complete
	T4	145 0996	Air cylinder 4, complete
47		145 7750	Pressure relief valve, complete
48		143 5484	O-ring
49		145 7956	Silencer 3, complete
50		143 5667	Connecting nipple
51		144 6030	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

Lockbolt setting tools from May 2015

PowerBird® SRB

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



Lockbolt setting tools from May 2015

PowerBird® SRB

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

Spare part no.	SRB-Type	Article no.	Designation
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

• Wearing parts

Blind rivet hand nut setting tools

GBM 5

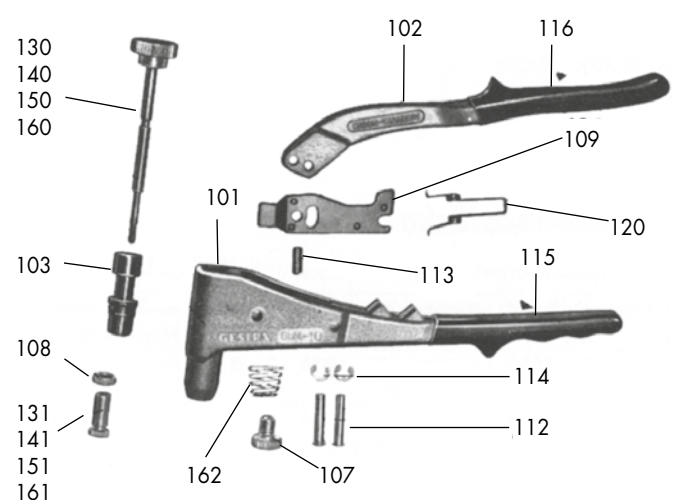
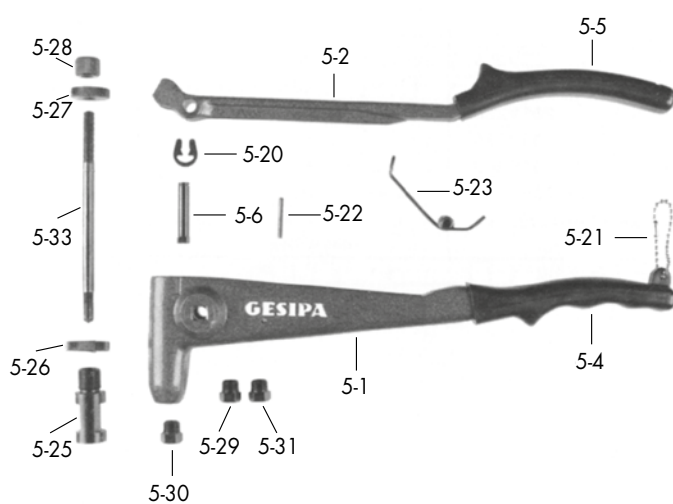
Spare part no.	Article no.	Designation
5-1	145 7165	Tool housing
5-2	145 7166	Tool shanks
5-4	145 6603	Sleeve grip for tool housing no. 5-1
5-5	145 6604	Sleeve grip for tool housing no. 5-2
5-6	145 7167	Bolt
5-20	145 7168	Snap ring
5-21	145 6608	Supporting chain
5-22	145 6609	Spring dowel sleeve
5-23 •	145 6610	Self opening spring
5-25	145 7169	Lock activator
5-26	145 7170	Adjustment ring
5-27	145 7171	Knurled nut
5-28	145 7172	Locking nut
5-29 •	145 7173	Nosepiece M 4
5-30 •	145 7174	Nosepiece M 5
5-31 •	145 7175	Nosepiece M 6
5-32 •	145 7176	Threaded mandrel M 4
5-33 •	145 7177	Threaded mandrel M 5
5-34 •	145 7178	Threaded mandrel M 6
17	143 4079	Maintenance wrench SW 10

• Wearing parts

GBM 10

Spare part no.	Article no.	Designation
101	145 7092	Tool housing with sleeve grip no. 115
102	145 6627	Tool shanks with sleeve grip no. 116
103	143 4772	Lock activator
107	145 7094	Stop screw with scale label
108	143 4773	Locking nut
109	143 4074	Lever
112	143 4076	Bolt
113	143 4075	Bolt
114	144 5259	Snap ring
115	150 9066	Sleeve grip for tool housing no. 101
116	150 9068	Sleeve grip for tool housing no. 102
120•	144 5261	Self opening spring
130•	145 7096	Threaded mandrel M 3
140•	143 4776	Threaded mandrel M 4
150•	143 4779	Threaded mandrel M 5
160•	143 4781	Threaded mandrel M 6
131	145 7095	Nosepiece M 3
141 •	143 4777	Nosepiece M 4 and 8-32"
151 •	143 4780	Nosepiece M 5 and 10-32"
161 •	143 4782	Nosepiece M 6 and 1/4-20"
162	144 5739	Coil spring
A 140	143 4784	Threaded mandrel 8-32"
A 150	143 4783	Threaded mandrel 10-32"
A 160	143 4785	Threaded mandrel 1/4-20"

• Wearing parts

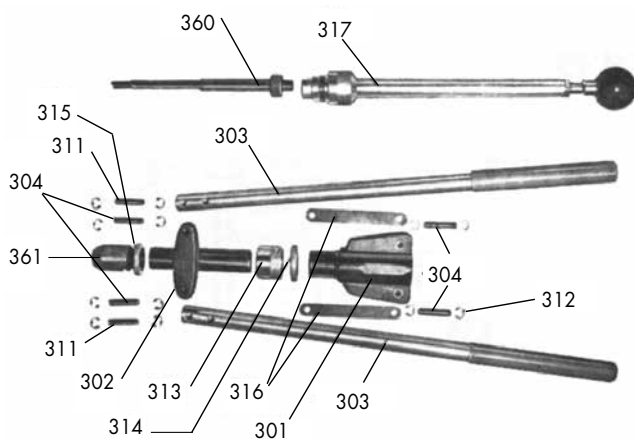


Blind rivet hand nut setting tools

GBM 30

Spare part no.	Article no.	Designation
301	145 7138	Housing, complete with bearing
302	145 7139	Radial bearing complete with guide sleeve
303	145 7140	Lever
304	145 7141	Bolt
311	145 7143	Bolt
312	145 7115	Snap ring
313	145 7145	Threaded sleeve with scale ring
314	145 7146	Locking nut M 26 x 1.5
315	145 7147	Locking nut M 20 x 1.5
316	145 7148	Articulated lever
317	145 7149	Drill part, complete
330 •	143 4799	Threaded mandrel M 3
340 •	143 4801	Threaded mandrel M 4
350 •	143 4791	Threaded mandrel M 5
360 •	143 4793	Threaded mandrel M 6
380 •	143 4795	Threaded mandrel M 8
390 •	143 4797	Threaded mandrel M 10
331 •	143 4800	Nosepiece M 3
341 •	143 4802	Nosepiece M 4
351 •	143 4792	Nosepiece M 5
361 •	143 4794	Nosepiece M 6
381 •	143 4796	Nosepiece M 8
391 •	143 4798	Nosepiece M 10
A 350	145 7158	Threaded mandrel 10-32"
A 360	145 7160	Threaded mandrel 1/4-20"
A 380	145 7159	Threaded mandrel 5/16-18"
A 390	145 7161	Threaded mandrel 3/8-16"
A 351 •	143 4792	Nosepiece 10-32" (M 5)
A 361 •	145 7162	Nosepiece 1/4-20"
A 381 •	145 7163	Nosepiece 5/16-18"
A 391 •	145 7164	Nosepiece 3/8-16"

• Wearing parts

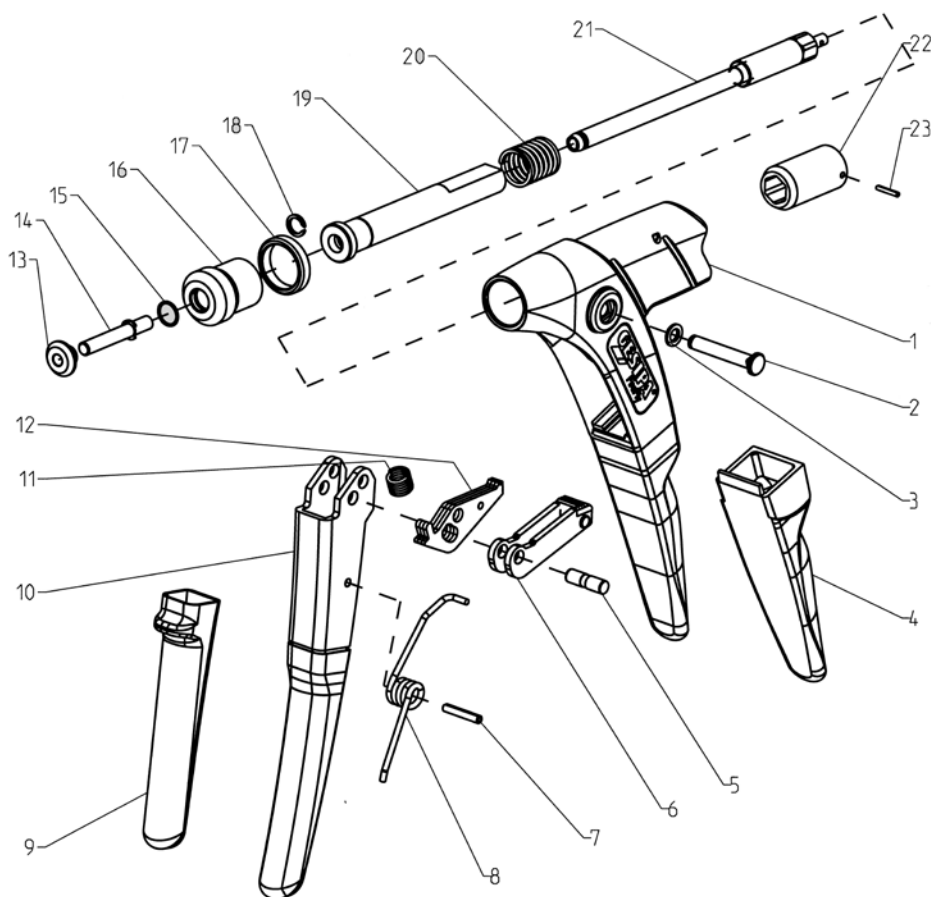


Blind rivet hand nut setting tools

FireFly

Spare part no.	Article no.	Designation
1	143 4005	Housing, complete with sleeve grip
2	143 3967	Pivot bolt
3	143 3968	Snap ring
4	143 3964	Sleeve grip for housing no. 1
5	143 3976	Bolt
6	143 3974	Drive pawl
7	143 3979	Spring dowel sleeve
8	143 3977	Self opening spring
9	143 3973	Sleeve grip for operating lever no. 10
10	145 6591	Operating lever with sleeve grip
11	143 3978	Retaining spring
12	143 3975	Storage finger (3-part) per set
13 / M3	143 3995	Nosepiece - bit
13 / M4	143 3994	Nosepiece - bit
13 / M5	143 3993	Nosepiece - bit
13 / M6	143 3997	Nosepiece - bit
13 / 6-32 UNC	143 4024	Nosepiece - bit
13 / 8-32 UNC	143 4025	Nosepiece - bit
13 / 10-24 UNC	143 4026	Nosepiece - bit

Spare part no.	Article no.	Designation
13 / 1/4"-20 UNC	143 4027	Nosepiece - bit
14 / M3	143 4002	Threaded mandrel
14 / M4	143 4001	Threaded mandrel
14 / M5	143 4000	Threaded mandrel
14 / M6	143 4008	Threaded mandrel
14 / 6-32 UNC	143 4019	Threaded mandrel
14 / 8-32 UNC	143 4020	Threaded mandrel
14 / 10-24 UNC	143 4021	Threaded mandrel
14 / 10-32 UNF	143 4022	Threaded mandrel
14 / 1/4"-20 UNC	143 4023	Threaded mandrel
15	143 5671	O-ring
16	143 3999	Nosepiece
17	144 5251	Knurled nut
18	144 5253	Snap ring
19	145 6595	Lock activator, complete
20	143 3972	Return spring
21	145 6594	Adjusting unit
22	143 3998	Knurled handle
23	144 5252	Spring dowel sleeve



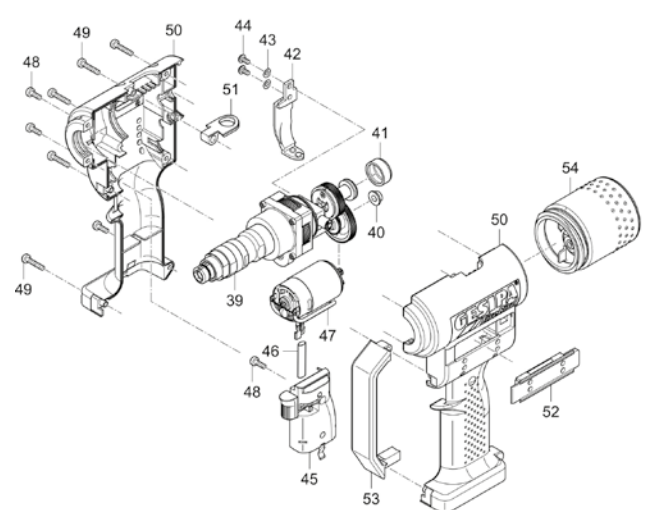
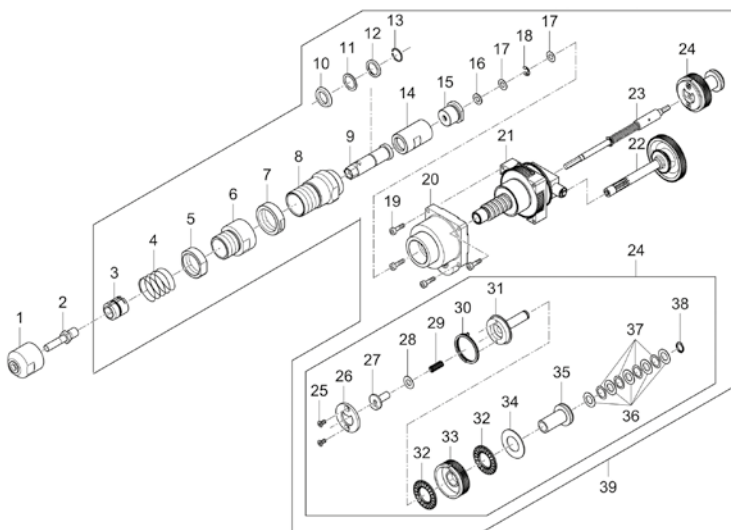
Battery powered blind rivet nut setting tools

FireBird® and FireBird® Gold Edition* – *tool no longer available

Spare part no.	Article no.	Designation
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
	145 7459	Nosepiece 3/8" - 16 UNC
2 •	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
	143 5064	Threaded mandrel M 10
145 7458	Threaded mandrel 3/8" - 16 UNC	
3	143 5053	Slider
4	144 5805	Compression spring
5	143 5073	Locking nut 2
6	143 5124	Adjusting sleeve
7	143 5074	Locking nut 1
8	143 5075	Head
9	143 5076	Driver
10	143 5122	Bevel washer
11	144 5804	Washer
12	143 5120	Lock washer
13	144 5823	Snap ring
14	143 5077	Lock activator
15	143 5078	Spacer
16	144 5791	Washer
17	144 5789	Shim ring, together
18	144 5790	Retaining washer
19	144 5768	Cylinder screw
20	143 5027	Bearing, complete
21	143 5079	Ballscrew drive, complete
22	143 5088	Pinion shaft, complete
23	143 5080	Rotating rod, complete

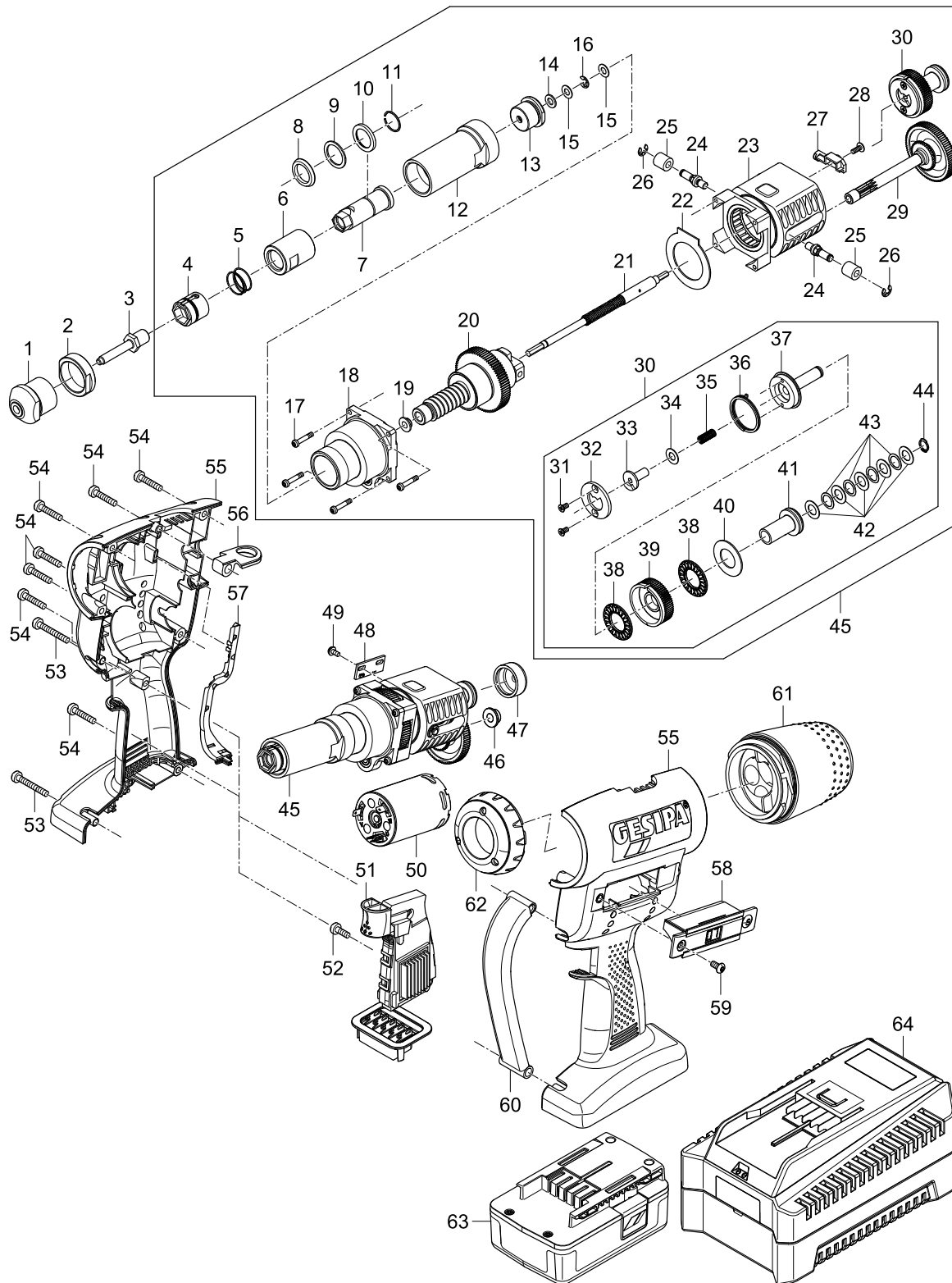
Spare part no.	Article no.	Designation
24	143 5115	Coupling complete (Item 25-38)
25	144 5792	Countersunk screw
26	143 5081	Plate
27	143 5082	Rotary tappet
28	143 5083	Washer
29	144 5793	Compression spring
30	143 5084	Wrap spring
31	143 5085	Shaft
32	144 5794	Axial needle bearing
33	143 5086	Coupling
34	144 5795	Axial disc
35	152 4564	Bushing
36	144 5797	Shim ring, together
37	144 5798	Spring washer
38	144 5799	Snap ring
39	145 7455	Drive complete (Pos. 3-38)
40	144 5763	Sintered-metal bushing
41	144 5800	Cap
42	143 5031	Magnetic holder, complete
43	144 5770	Spring washer
44	144 5769	Magnetic holder screw
45	145 7456	E-control
46	144 5774	Hose, silicone
47 •	143 5030	Motor, complete
	143 4862	Motor, complete Gold Edition
48	144 5773	Housing screw, short
49	144 5772	Housing screw, long
50	143 4845	Housing, complete
51	143 5017	Hanger
	144 5746	Hanger Gold Edition
52	154 1150	Cover
53	143 4953	Protection bracket
54	143 5071	Accessories magazine
	144 5803	Hexagon screwdriver
		Threaded mandrel SL
		Nosepieces SL
	144 5806	Double-ended open-jawed wrench SW 24/27

• Wearing parts



Blind rivet hand nut setting tools

FireBird® Pro and FireBird® Pro Gold Edition



Battery powered blind rivet nut setting tools

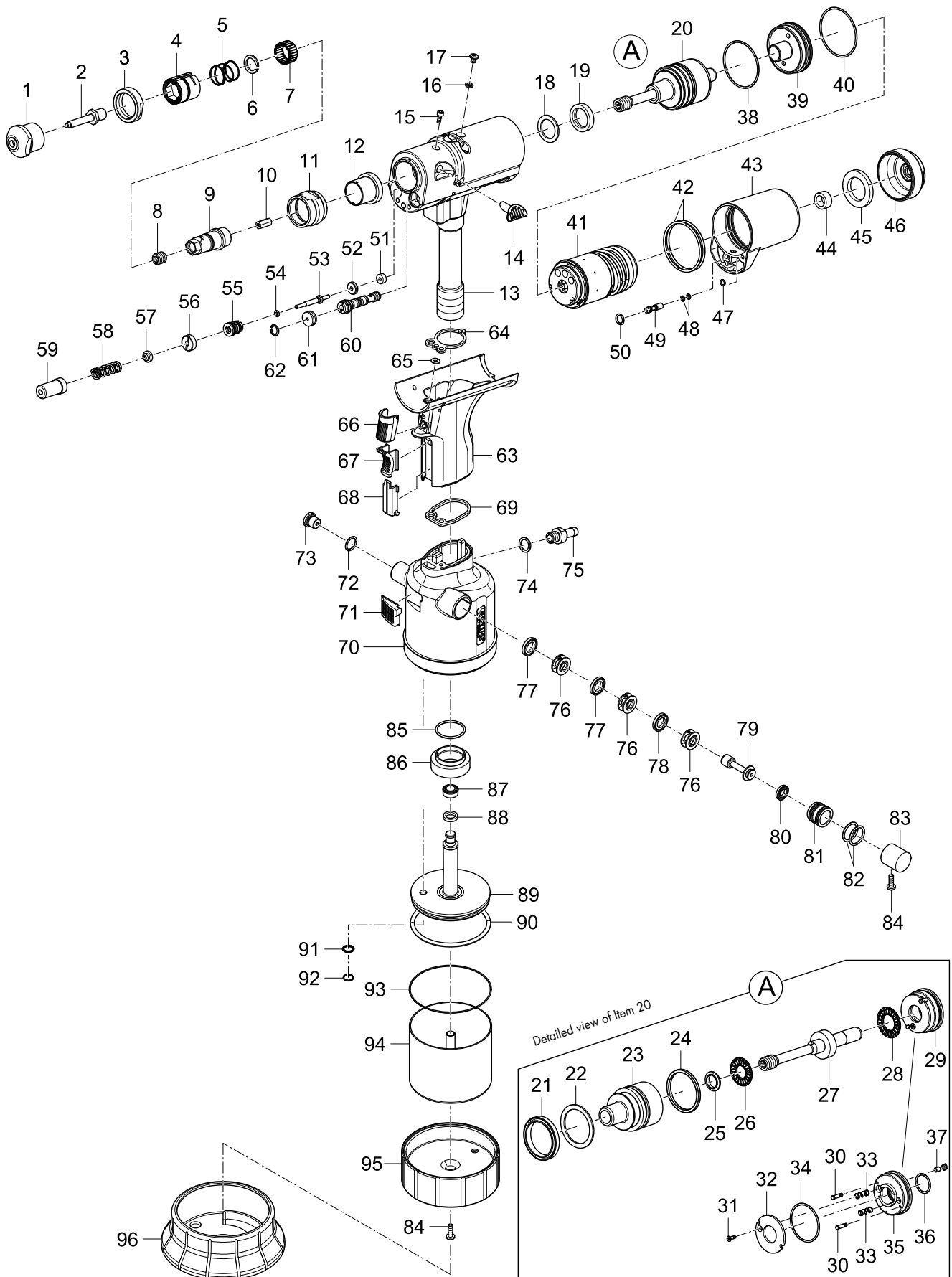
FireBird® Pro and FireBird® Pro Gold Edition

Spare part no.	Article no.	Designation
1	143 6218	Nosepiece M3
	143 6219	Nosepiece M4
	143 6220	Nosepiece M5
	143 6221	Nosepiece M6
	143 6222	Nosepiece M8
	143 6223	Nosepiece M10
2	143 6193	Locking nut
3	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
4	145 8123	Slider
5	143 6247	Spring
6	145 0851	Lock activator
7	152 4566	Driver
8	149 9358	Bevel washer
9	149 9377	Washer
10	149 9374	Lock washer
11	149 9375	Snap ring
12	145 0845	Head
13	149 9356	Spacer
14	144 5791	Washer
15	144 5789	Washer
16	144 5790	Snap ring
17	144 5768	Screw
18	152 4565	Bearing, complete
19	144 5776	Bearing
20	145 0849	Ball screw drive
21	152 4563	Rotating rod, complete
22	143 4962	Pressure disc
23	143 5397	Bearing cage
24	143 5385	Pin holder
25	143 4970	Sintered metal roller
26	144 5790	Lock washer
27	145 0817	Magnetic holder
28	144 5990	Screw
29	152 4568	Pinion shaft
30	143 5115	Coupling complete
31	144 5792	Countersunk screw
32	143 5081	Plate

Spare part no.	Article no.	Designation
33	143 5082	Rotary tappet
34	143 5084	Washer
35	144 5793	Spring
36	143 5084	Wrap spring
37	143 5085	Shaft
38	144 5794	Needle bearing
39	143 5086	Coupling
40	144 5795	Axial disc
41	152 4564	Coupling bush assy
42	144 5797	Washer
43	144 5798	Spring washer
44	144 5799	Snap ring
45	152 4562	Drive unit
46	144 5763	Sintered-metal bushing
47	144 5800	Drive
48	143 5408	Hall pcb
49	144 5989	Screw
50	145 7645	Motor
51	145 0855	Control FireBird® Pro Gold Edition
	152 4675	Control FireBird® Pro
52	144 5773	Screw
53	144 5987	Screw
54	144 5772	Screw
55	143 5401	Housing, complete
56	143 5017	Hanger FireBird® Pro
	144 5746	Hanger FireBird® Pro Gold Edition
57	143 5403	Cable duct
58	149 9398	Setting force control
59	144 9267	Screw
60	143 5399	Tool bar
61	149 9453	Accessories magazine
62	145 7644	Light, complete
63	145 7641	Battery
64	145 7642	Battery charger (EU)
	145 0818	Battery charger (UK)
	145 7649	Battery charger (USA)
	145 0819	Battery charger (CN)

Hydro-pneumatic blind rivet nut setting tools

FireFox® 1 F



Hydro-pneumatic blind rivet nut setting tools

FireFox® 1 F

Spare part no.	Article no.	Designation
1 •	143 6218	Nosepiece M 3
	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
	143 6256	Nosepiece 6-32 UNC
	143 6257	Nosepiece 8-32 UNC
	145 8113	Nosepiece 10-24 UNC
	143 6258	Nosepiece 10-32 UNF
	143 6259	Nosepiece 1/4"-20 UNC
	143 6260	Nosepiece 5/16"-18 UNC
	143 6261	Nosepiece 3/8"-16 UNC
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
	143 6215	Threaded mandrel M 8
	143 6216	Threaded mandrel M 10
	143 6217	Threaded mandrel M 12
	143 6249	Threaded mandrel 6-32 UNC
	143 6250	Threaded mandrel 8-32 UNC
	143 6251	Threaded mandrel 10-24 UNC
	143 6252	Threaded mandrel 10-32 UNF
	143 6253	Threaded mandrel 1/4"-20 UNC
	143 6254	Threaded mandrel 5/16"-18 UNC
	143 6255	Threaded mandrel 3/8"-16 UNC
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	143 6391	Stop sleeve
13	145 8200	Tool head 1 assembled
14	144 6204	Cap
15	144 5427	Allen screw
16	143 5612	Sealing ring M4
17	144 6013	Oil screw plug
18	143 6230	Supporting ring
19	143 6234	Rod seal
20	145 8201	Draw bar 1, complete
21	143 6227	Piston seal
22	143 6229	Supporting ring
23	143 6204	Draw bar
24	143 6231	Seal
25	143 5236	Seal kit
26	144 6191	Axial needle bearing
27	145 1110	Tie anchor 1, complete
28	144 5794	Axial needle bearing
29	145 8125	Closure complete
30	143 6183	Plug bolt
31	144 6188	Screw
32	143 6205	Washer
33	143 6293	Spring
34	143 6238	Closure
35	143 6197	Closure
36	143 6239	O-ring
37	145 8124	Valve key 4 complete

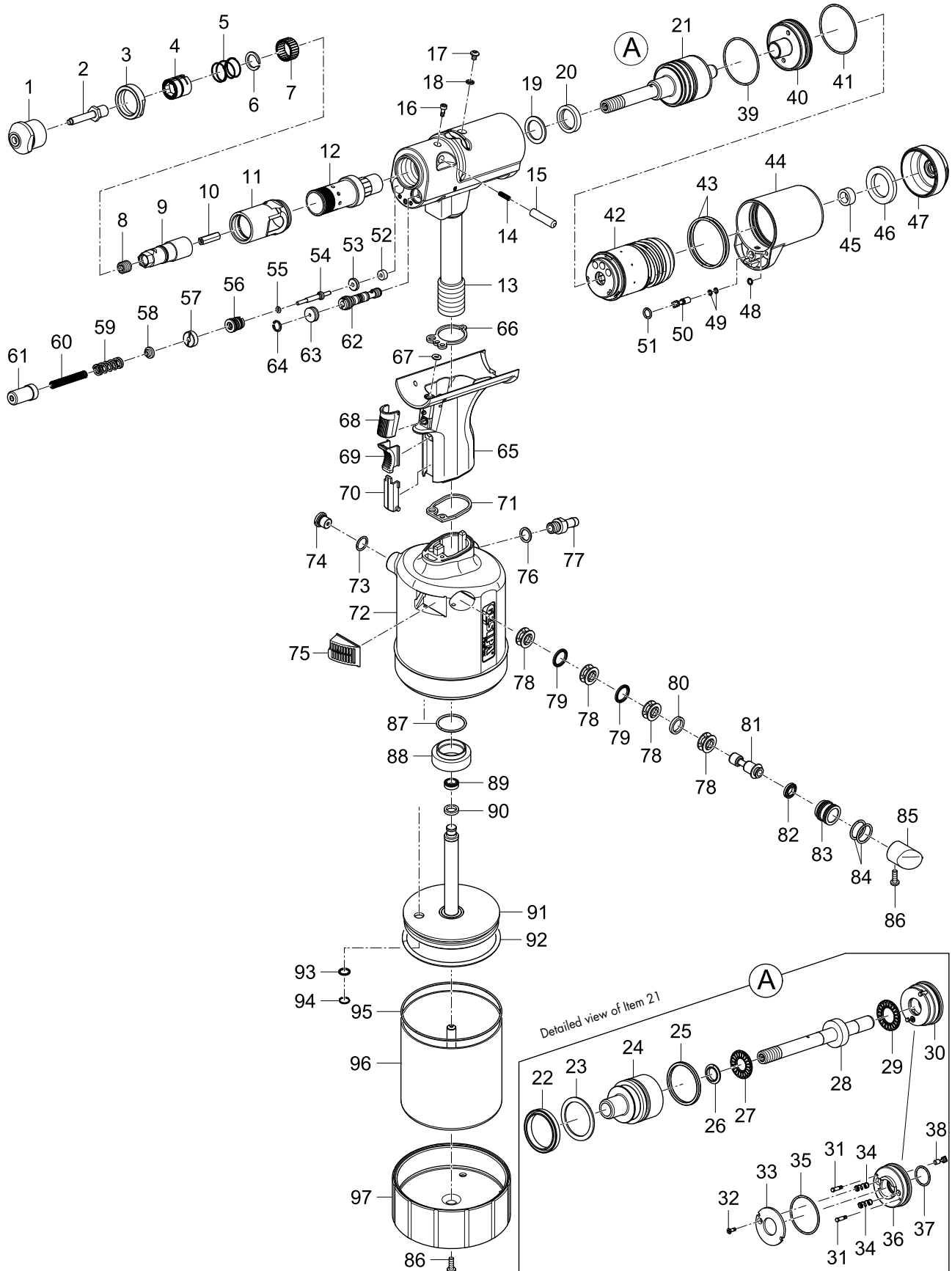
Spare part no.	Article no.	Designation
38	143 6236	O-ring
39	143 6198	End cap
40	143 6237	O-ring
41	143 6168	Air motor complete
42	143 6243	O-ring
43	143 6170	Adapter
44	143 6173	Absorber disc 1
45	143 6174	Absorber disc 2
46	143 6175	Noise suppressor cover
47	143 6242	O-ring
48	143 6291	O-ring
49	143 6292	Valve key 5
50	143 5519	O-ring
51	143 6233	Rod seal
52	143 6176	Pressure disc
53	143 6177	Plunger
54	143 5644	O-ring
55	145 8127	Insert complete
56	143 6190	Threaded ring
57	143 6178	Bevel washer
58	143 6374	Spring
59	145 1112	Spring compressor
60	143 6297	Distributing valve, complete
61	145 1053	Stopper, complete
62	144 5285	Snap ring
63	145 8122	Grip, complete
64	143 5472	Flat gasket 1
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	145 1109	Air cylinder 1, complete
71	151 5051	Silencer complete
72	143 5484	O-ring
73	145 7750	Safety valve, complete
74	144 6030	Sealing ring
75	143 5667	Connecting nipple
76	143 5648	Spacer cage
77	143 5647	Rod seal
78	143 6248	Washer
79	143 6187	Control piston
80	143 5675	Piston seal
81	143 5652	Piston housing
82	143 5688	O-ring
83	144 6207	Stopper
84	144 5773	Screw
85	143 5486	O-ring
86	143 5492	Al nut
87	143 6007	Piston seal
88	143 6006	Guide ring 4
89	145 1107	Air piston 1, complete
90	143 5660	O-ring
91	143 5659	Rod seal
92	144 6027	Snap ring
93	143 5680	O-ring
94	145 1111	Cylinder 1, complete
95	143 5508	Bottom 1
96	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 388.

Hydro-pneumatic blind rivet nut setting tools

FireFox® 2



Hydro-pneumatic blind rivet nut setting tools

FireFox® 2

Spare part no.	Article no.	Designation	
1 •	143 6218	Nosepiece M 3	
	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	
	143 6256	Nosepiece 6-32 UNC	
	143 6257	Nosepiece 8-32 UNC	
	145 8113	Nosepiece 10-24 UNC	
	143 6258	Nosepiece 10-32 UNF	
	143 6259	Nosepiece 1/4"-20 UNC	
	143 6260	Nosepiece 5/16"-18 UNC	
	143 6261	Nosepiece 3/8"-16 UNC	
	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	
143 6215		Threaded mandrel M 8	
143 6216		Threaded mandrel M 10	
143 6217		Threaded mandrel M 12	
143 6249		Threaded mandrel 6-32 UNC	
143 6250		Threaded mandrel 8-32 UNC	
143 6251		Threaded mandrel 10-24 UNC	
143 6252		Threaded mandrel 10-32 UNF	
143 6253		Threaded mandrel 1/4"-20 UNC	
143 6254		Threaded mandrel 5/16"-18 UNC	
143 6255		Threaded mandrel 3/8"-16 UNC	
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	143 6200	Stroke adjuster, complete	
13	145 8128	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	145 8126	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	143 6296	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	

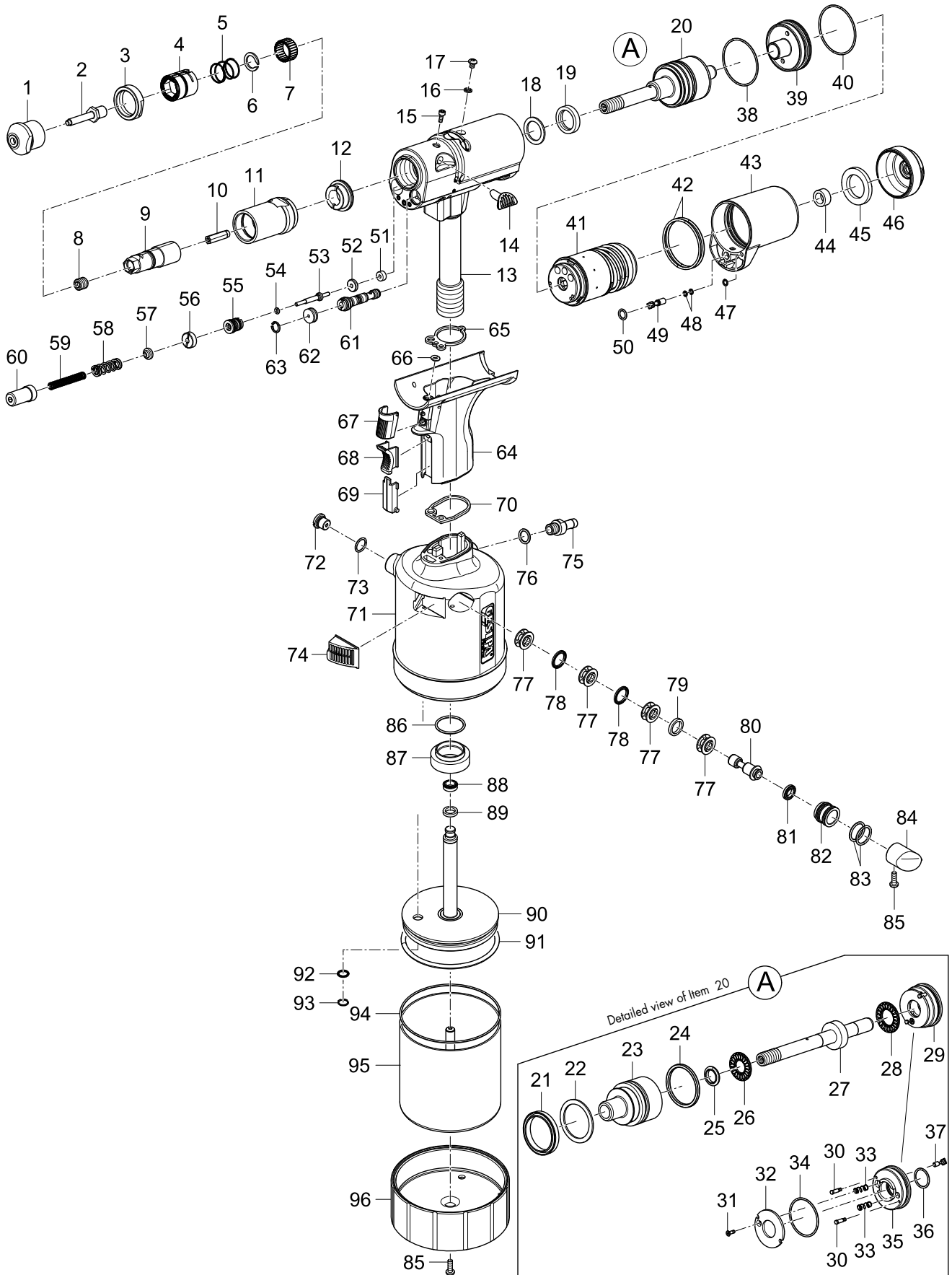
Spare part no.	Article no.	Designation
38	145 8124	Valve key 4, complete
39	143 6236	O-ring
40	143 6198	End closure
41	143 6237	O-ring
42	143 6168	Air motor complete
43	143 6243	O-ring
44	143 6170	Adapter
45	143 6173	Absorber disc 1
46	143 6174	Absorber disc 2
47	143 6175	Noise suppressor cover
48	143 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	143 6176	Pressure disc
54	143 6177	Plunger
55	143 5644	O-ring
56	145 8127	Insert complete
57	143 6190	Threaded ring
58	143 6178	Bevel washer
59	144 6192	Compression spring
60	143 6245	Compression spring
61	143 6191	Spring compressor complete
62	143 6297	Distributing valve complete
63	145 1053	Stopper complete
64	144 5285	Snap ring
65	145 8122	Grip, complete
66	143 5472	Flat gasket 1
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	145 8118	Air cylinder 2, complete
73	143 5484	O-ring
74	145 7750	Pressure relief valve, complete
75	145 7862	Silencer complete
76	144 6030	Sealing ring
77	143 5667	Hose fitting
78	143 5648	Spacer cage
79	143 5647	Airzet rod seal
80	143 6248	Washer
81	143 6187	Rod seal
82	143 5675	Lip ring
83	143 5652	Piston housing
84	143 5688	O-ring
85	144 6075	Stopper
86	144 5773	Housing screw short
87	143 5486	O-ring
88	143 5492	Alu nut
89	143 6226	Piston seal
90	143 6235	Guide ring
91	145 8116	Air piston 2, complete
92	143 5834	O-ring
93	143 5635	Airzet rod seal
94	144 6082	V-profile ring JV15
95	143 5839	O-ring
96	145 8114	Cylinder 2, complete
97	143 5761	Bottom
	144 5294	Hydraulic oil refill bottle, 100 ml

• Wearing parts

You will find spare part kits for FireFox® 2 on page 388.

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

Spare part no.	Article no.	Designation	
1 •	143 6218	Nosepiece M 3	
	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	
	143 6256	Nosepiece 6-32 UNC	
	143 6257	Nosepiece 8-32 UNC	
	145 8113	Nosepiece 10-24 UNC	
	143 6258	Nosepiece 10-32 UNF	
	143 6259	Nosepiece 1/4"-20 UNC	
	143 6260	Nosepiece 5/16"-18 UNC	
	143 6261	Nosepiece 3/8"-16 UNC	
	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	
143 6215		Threaded mandrel M 8	
143 6216		Threaded mandrel M 10	
143 6217		Threaded mandrel M 12	
143 6249		Threaded mandrel 6-32 UNC	
143 6250		Threaded mandrel 8-32 UNC	
143 6251		Threaded mandrel 10-24 UNC	
143 6252		Threaded mandrel 10-32 UNF	
143 6253		Threaded mandrel 1/4"-20 UNC	
143 6254		Threaded mandrel 5/16"-18 UNC	
143 6255		Threaded mandrel 3/8"-16 UNC	
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	143 6385	Sleeve	
13	145 8128	Tool head assembled	
14	144 6204	Cap	
15	144 5427	Allen screw	
16	143 5612	Sealing ring M4	
17	144 6013	Oil screw plug	
18	143 6230	Supporting ring	
19	143 6234	Rod seal	
20	145 8126	Draw bar complete	
21	143 6227	Piston seal	
22	143 6229	Supporting ring	
23	143 6204	Draw bar	
24	143 6231	Seal	
25	143 5236	Seal kit	
26	144 6191	Axial needle bearing	
27	143 6296	Tie anchor complete	
28	144 5794	Axial needle bearing	
29	145 8125	Closure cover, complete	
30	143 6183	Stud bolt	
31	144 6188	Screw	
32	143 6205	Stop disc	
33	143 6293	Spring	
34	143 6238	O-ring	
35	143 6197	Closure	
36	143 6239	O-ring	

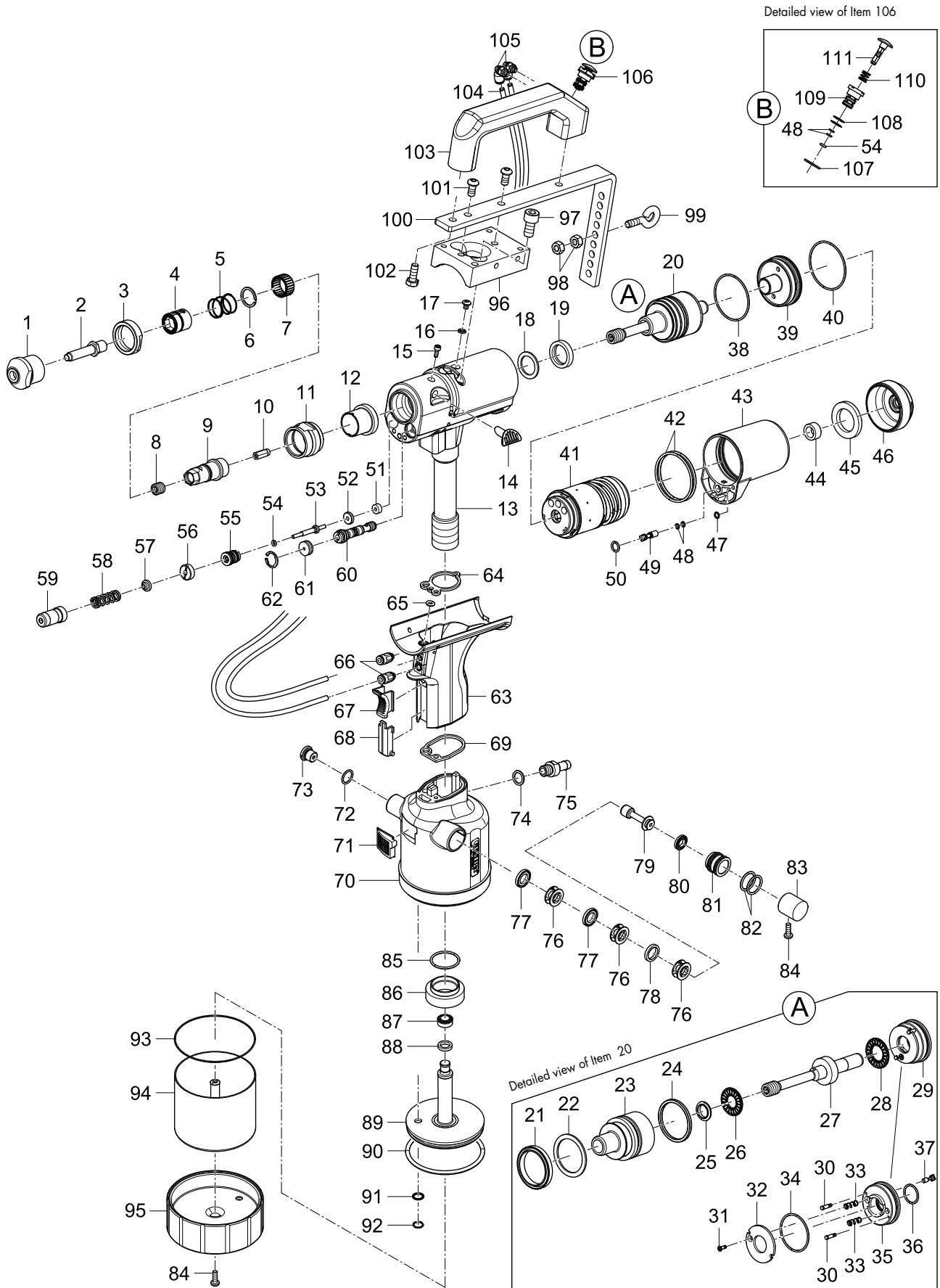
Spare part no.	Article no.	Designation
37	145 8124	Valve key 4, complete
38	143 6236	O-ring
39	143 6198	End closure
40	143 6237	O-ring
41	143 6168	Air motor complete
42	143 6243	O-ring
43	143 6170	Adapter
44	143 6173	Absorber disc 1
45	143 6174	Absorber disc 2
46	143 6175	Noise suppressor cover
47	143 6242	O-ring
48	143 6291	O-ring
49	143 6292	Valve key 5
50	143 5519	O-ring
51	143 6233	Rod seal
52	143 6176	Pressure disc
53	143 6177	Plunger
54	143 5644	O-ring
55	145 8127	Insert complete
56	143 6190	Threaded ring
57	143 6178	Bevel washer
58	144 6192	Compression spring
59	143 6245	Compression spring
60	145 1093	Spring compressor complete
61	143 6297	Distributing valve complete
62	145 1053	Stopper complete
63	144 5285	Snap ring
64	145 8122	Grip, complete
65	143 5472	Flat gasket 1
66	143 6241	O-ring
67	144 6025	Activation button
68	143 5642	Slider
69	143 6169	Orifice
70	143 5480	Flat gasket 2
71	145 8118	Air cylinder 2, complete
72	143 5484	O-ring
73	145 7750	Pressure relief valve, complete
74	145 7862	Silencer 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	143 6187	Rod seal
81	143 5675	Lip ring
82	143 5652	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	143 6226	Piston seal
89	143 6235	Guide ring
90	145 8116	Air piston 2, complete
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 388.

Hydro-pneumatic blind rivet nut setting tools

FireFox® 1 F Axial eco



Hydro-pneumatic blind rivet nut setting tools

FireFox® 1 F Axial eco

Spare part no.	Article no.	Designation
1 •	143 6218	Nosepiece M 3
	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
	143 6256	Nosepiece 6-32 UNC
	143 6257	Nosepiece 8-32 UNC
	145 8113	Nosepiece 10-24 UNC
	143 6258	Nosepiece 10-32 UNF
	143 6259	Nosepiece 1/4"-20 UNC
	143 6260	Nosepiece 5/16"-18 UNC
	143 6261	Nosepiece 3/8"-16 UNC
	2	143 6211
143 6212		Threaded mandrel M 4
143 6213		Threaded mandrel M 5
143 6214		Threaded mandrel M 6
143 6215		Threaded mandrel M 8
143 6216		Threaded mandrel M 10
143 6217		Threaded mandrel M 12
143 6249		Threaded mandrel 6-32 UNC
143 6250		Threaded mandrel 8-32 UNC
143 6251		Threaded mandrel 10-24 UNC
143 6252		Threaded mandrel 10-32 UNF
143 6253		Threaded mandrel 1/4"-20 UNC
143 6254		Threaded mandrel 5/16"-18 UNC
143 6255		Threaded mandrel 3/8"-16 UNC
3		143 6193
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 6392	Driver
10	143 6390	Hexagonal rod
11	143 6393	Steel head sleeve 1
12	143 6391	Stop sleeve
13	146 4418	Tool head 1 complete
14	144 6204	Cap piece
15	144 5427	Allen screw
16	143 5612	Sealing ring
17	144 6013	Screw
18	143 6230	Supporting ring
19	143 6234	Rod seal
20	145 8201	Draw bar complete
21	143 6227	Piston seal
22	143 6229	Supporting ring
23	143 6204	Draw bar
24	143 6231	Seal
25	143 5236	Seal kit
26	144 6191	Axial needle bearing
27	145 1110	Draw bar complete
28	144 5794	Axial needle bearing
29	145 8125	Closure
30	143 6183	Stud bolt
31	144 6188	Screw
32	143 6205	Stop disc
33	143 6293	Spring
34	143 6238	O-ring
35	143 6197	Closure
36	143 6239	O-ring
37	145 8124	Valve key
38	143 6236	O-ring
39	143 6198	End cap
40	143 6237	O-ring
41	143 6168	Air motor
42	143 6243	O-ring
43	143 6170	Adapter
44	143 6173	Absorber disc 1
45	143 6174	Absorber disc 2
46	143 6175	Closure

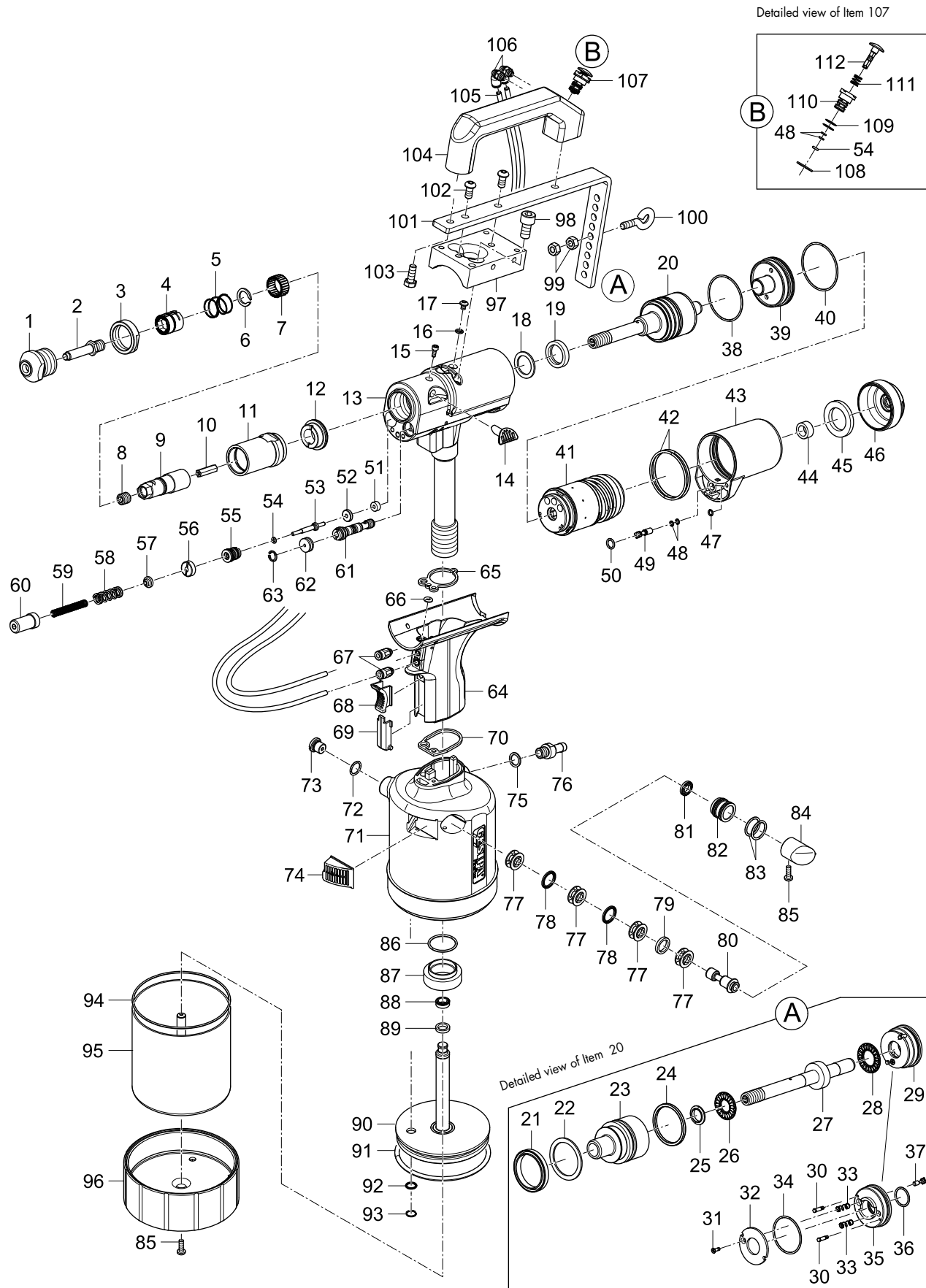
Spare part no.	Article no.	Designation
47	143 6242	O-ring
48	143 6291	O-ring
49	143 6292	Valve key
50	143 5519	O-ring
51	143 6233	Rod seal
52	143 6176	Washer
53	143 6177	Plunger
54	143 5644	O-ring
55	145 8127	Insert
56	143 6190	Threaded ring
57	143 6178	Bevel washer
58	143 6374	Spring
59	145 1112	Spring compressor complete
60	143 6297	Distributing valve
61	145 1053	Stopper
62	144 5285	Snap ring
63	145 1085	Grip complete
64	143 5472	Flat gasket
65	143 6241	O-ring
66	144 5718	Screw connection
67	143 5642	Slider
68	143 6169	Orifice
69	143 5480	Flat gasket
70	145 1109	Air cylinder 1 complete
71	151 5051	Silencer complete
72	143 5484	O-ring
73	145 7750	Pressure relief valve
74	144 6030	Sealing ring
75	143 5667	Connecting nipple
76	143 5648	Spacer cage
77	143 5647	Rod seal
78	143 6248	Washer
79	143 6187	Rod seal
80	143 5675	Piston seal
81	143 5652	Piston housing
82	143 5688	O-ring
83	144 6207	Stopper
84	144 5773	Housing screw, short
85	143 5486	O-ring
86	143 5492	Al nut
87	143 6007	Piston seal
88	143 6006	Guide ring
89	145 1107	Air piston complete
90	143 5660	O-ring
91	143 5659	Rod seal
92	144 6027	Snap ring
93	143 5680	O-ring
94	145 1111	Cylinder
95	143 5508	Bottom
96	143 6362	Hanger
97	144 6201	Cylinder head screw
98	144 5262	Nut
99	144 5342	Screw
100	143 6376	Hanger
101	144 6087	Fillister head screw
102	144 6208	Hexagon head screw
103	143 6380	Grip
104	144 5584	Tube*
105	144 5586	Screw connection
106	146 4420	Valve complete
107	144 5804	Washer
108	143 4148	O-ring
109	143 6378	Valve seat
110	143 6379	Spring
111	143 6377	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.

Hydro-pneumatic blind rivet nut setting tools

FireFox® 2 F Axial eco



Hydro-pneumatic blind rivet nut setting tools

FireFox® 2 F Axial eco

Spare part no.	Article no.	Designation
1 •	143 6218	Nosepiece M 3
	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
	143 6256	Nosepiece 6-32 UNC
	143 6257	Nosepiece 8-32 UNC
	145 8113	Nosepiece 10-24 UNC
	143 6258	Nosepiece 10-32 UNF
	143 6259	Nosepiece 1/4"-20 UNC
	143 6260	Nosepiece 5/16"-18 UNC
	143 6261	Nosepiece 3/8"-16 UNC
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
	143 6215	Threaded mandrel M 8
	143 6216	Threaded mandrel M 10
	143 6217	Threaded mandrel M 12
	143 6249	Threaded mandrel 6-32 UNC
	143 6250	Threaded mandrel 8-32 UNC
	143 6251	Threaded mandrel 10-24 UNC
	143 6252	Threaded mandrel 10-32 UNF
	143 6253	Threaded mandrel 1/4"-20 UNC
	143 6254	Threaded mandrel 5/16"-18 UNC
	143 6255	Threaded mandrel 3/8"-16 UNC
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	143 6385	Sleeve
13	145 1095	Tool head complete
14	144 6204	Cap piece
15	144 5427	Allen screw
16	143 5612	Sealing ring
17	144 6013	Screw
18	143 6230	Supporting ring
19	143 6234	Rod seal
20	145 8126	Draw bar complete
21	143 6227	Piston seal
22	143 6229	Supporting ring
23	143 6204	Draw bar
24	143 6231	Seal
25	143 5236	Seal kit
26	144 6191	Axial needle bearing
27	143 6296	Tie anchor
28	144 5794	Axial needle bearing
29	145 8125	Closure
30	143 6183	Stud bolt
31	144 6188	Screw
32	143 6205	Stop disc
33	143 6293	Spring
34	143 6238	O-ring
35	143 6197	Closure
36	143 6239	O-ring
37	145 8124	Valve key
38	143 6236	O-ring
39	143 6198	End cap
40	143 6237	O-ring
41	143 6168	Air motor
42	143 6243	O-ring
43	143 6170	Adapter
44	143 6173	Absorber disc 1
45	143 6174	Absorber disc 2
46	143 6175	Closure

Spare part no.	Article no.	Designation
47	143 6242	O-ring
48	143 6291	O-ring
49	143 6292	Valve key
50	143 5519	O-ring
51	143 6233	Rod seal
52	143 6176	Washer
53	143 6177	Plunger
54	143 5644	O-ring
55	145 8127	Insert
56	143 6190	Threaded ring
57	143 6178	Bevel washer
58	144 6192	Compression spring
59	143 6245	Compression spring
60	145 1093	Spring compressor complete
61	143 6297	Distributing valve
62	145 1053	Stopper
63	144 5285	Snap ring
64	145 1085	Grip complete
65	143 5472	Flat gasket
66	143 6241	O-ring
67	144 5718	Screw connection
68	143 5642	Slider
69	143 6169	Orifice
70	143 5480	Flat gasket
71	145 8118	Air cylinder
72	143 5484	O-ring
73	145 7750	Pressure relief valve
74	145 7862	Silencer
75	144 6030	Sealing ring
76	143 5667	Connecting nipple
77	143 5648	Spacer cage
78	143 5647	Rod seal
79	143 6248	Washer
80	143 6187	Rod seal
81	143 5675	Piston seal
82	143 5652	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	Al nut
88	143 6226	Piston seal
89	143 6235	Guide ring
90	145 8116	Air piston complete
91	143 5834	O-ring
92	143 5635	Airezit rod seal
93	144 6082	Snap ring
94	143 5839	O-ring
95	145 8114	Cylinder
96	143 5761	Bottom
97	143 6362	Hanger
98	144 6201	Cylinder head screw
99	144 5262	Nut
100	144 5342	Screw
101	143 6376	Hanger
102	144 6087	Fillister head screw
103	144 6208	Hexagon head screw
104	143 6380	Grip
105	144 5584	Tube*
106	144 5586	Screw connection
107	146 4420	Valve complete
108	144 5804	Washer
109	143 4148	O-ring
110	143 6378	Valve seat
111	143 6379	Spring
112	143 6377	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.

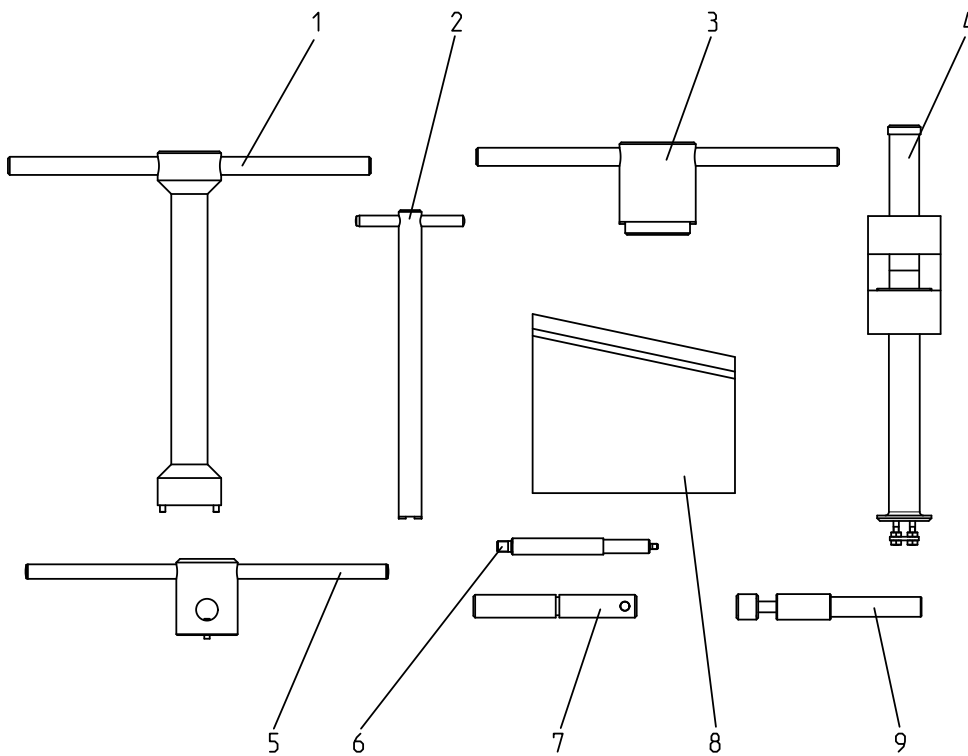
Hydro-pneumatic blind rivet nut setting tools

Repair tools for FireFox® 1 F - 2

Article no. 145 8130

Spare part no.	Article no.	Designation
1	143 5672*	Allen key
2	143 6306	Allen key for end cap
3	144 6031*	Turning tool for threaded ring
4	143 5674*	Slot wrench
5	143 6308	Clamp element for FireFox tool head
6	143 6304	Extraction tool
7	143 6311	Insertion tool for bit
8	143 6262	Insertion tool for seal
9	143 6307	Assembly device

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



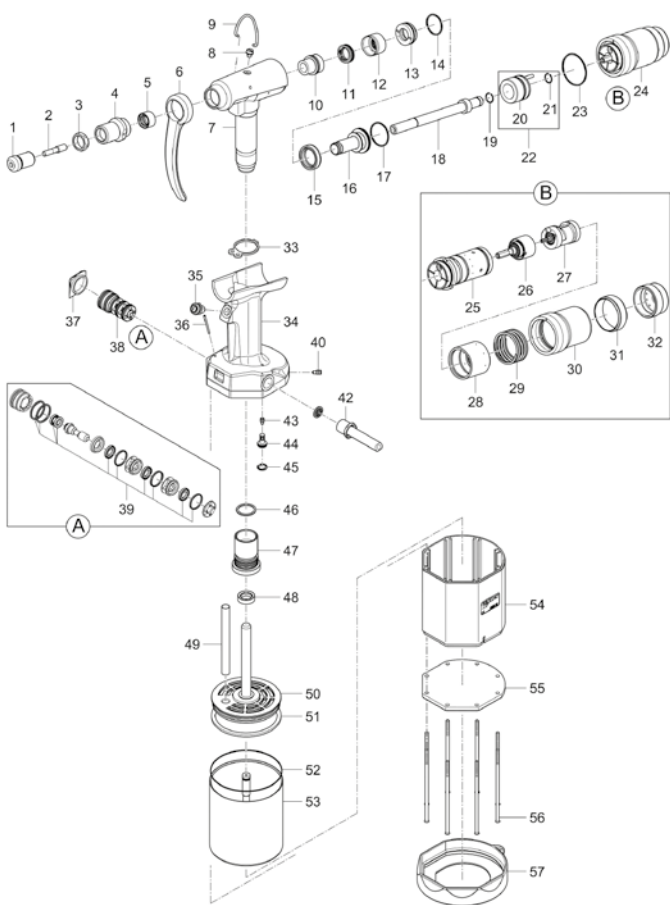
Hydro-pneumatic blind rivet nut setting tools

GBM 95 – tool no longer available

Spare part no.	Article no.	Designation
1	143 5213	Nosepiece M3
	143 5214	Nosepiece M4 and 8-32"
	143 5215	Nosepiece M5 and 10-32"
	143 5216	Nosepiece M6
	143 5217	Nosepiece M8 and 5/16-18"
	143 5218	Nosepiece M10 and 3/8-16"
	143 5148	Nosepiece 1/4-20"
2	143 5207	Threaded mandrel M3
	143 5208	Threaded mandrel M4
	143 5209	Threaded mandrel M5
	143 5210	Threaded mandrel M6
	143 5211	Threaded mandrel M8
	143 5212	Threaded mandrel M10
	143 5149	Threaded mandrel 8-32"
	143 5143	Threaded mandrel 10-32"
	143 5144	Threaded mandrel 1/4-20"
	143 5150	Threaded mandrel 5/16-18"
143 5145	Threaded mandrel 3/8-16"	
3	143 5185	Locking nut
4	143 5220	Sleeve
5	145 7574	Thrust bearing, complete
6	143 4232	Hand protection
7	145 7560	Tool head
8	145 6754	Replenishing screw complete

Spare part no.	Article no.	Designation
9	144 5265	Suspension bracket
10	145 7551	Sealing ring mount complete
11	145 6749	Annular piston complete
12	145 7575	Cylinder sleeve complete
13	145 6752	Casing ring complete
14	143 4227	O-ring
15	145 6757	Groove ring with supporting ring
16	145 7572	Pull piston complete
17	143 4226	O-ring
18	145 7571	Draw bar, complete
19	143 5237	O-ring
20	143 5236	Sealing ring kit
21	144 5823	Snap ring
22	145 7573	Resetting piston, complete
23	143 5243	O-ring
24	145 7556	Drill unit complete
25	145 7553	Motor frame, complete
26	145 7576	Planetary gearing, complete
27	145 7577	Air motor complete
28	145 7554	Valve slide complete
29	144 5813	Compression spring
30	145 7552	Valve housing, complete
31	143 5160	Knurled nut
32	143 5161	Cover
33	143 4221	Flat gasket
34	145 7563	Grip, complete
35	145 7567	Release valve, complete
36	143 4219	Bolt
37	143 4216	Silencer
38	145 6756	Distributing valve complete
39	145 6758	Set of seals for slide valve
40	143 5247	Adjusting screw
42	143 4220	Hose complete
43	144 5819	Stud bolt
44	145 7559	Valve piston,
45	144 5826	Snap ring
46	145 7555	O-ring with supporting ring
47	145 7550	Sealing ring mount complete
48	143 5179	Rod seal
49	143 4217	Channel tube
50	145 7549	Air piston complete
51	143 5201	O-ring
52	143 4224	O-ring
53	145 7557	Cylinder complete
54	143 5204	Casing
55	143 4236	Bottom
56	144 5292	Countersunk screw
57	143 4237	Rubber base
	144 5293	Ball Allen key
	144 5294	Hydraulic oil refill bottle
	146 2909	Open-ended wrench
	144 5809	Allen key
	144 5810	Hooked wrench
	143 5131	Assembly rod
	143 4311	Universal wrench MSU

• Wearing parts



You will find spare part kits for GBM 95 on page 389.

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
37	143 5472	Flat gasket 1
43	143 5480	Flat gasket 2
60	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

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

Spare part no.	Article no.	Designation
52	143 5648	Spacer cage (4x)
53	143 5647	Rod seal (3x)
54	143 5651	Control piston
55	143 5675	Piston seal
56	143 5652	Piston housing
57	143 5688	O-ring (2x)

TAURUS® 2-4

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

Spare part no.	Article no.	Designation
31	144 6028	Retaining spring
32	143 5664	Retainer
33	143 5663	Adapter
34	143 5842	Lock washer
35	143 5766	Connecting piece nut 2/3

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
66	143 5660	O-ring
67	143 5659	Rod seal
68	144 6027	Snap ring
69	143 5680	O-ring

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

Spare part no.	Article no.	Designation
52	143 5648	Spacer cage (3x)
53	143 5647	Rod seal (3x)
54	143 5651	Control piston
55	143 5675	Piston seal
56	143 5652	Piston housing
57	143 5688	O-ring (2x)

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

Spare part no.	Article no.	Designation
31	144 6028	Retaining spring
32	143 5664	Retainer
33	143 5663	Adapter
34	143 5842	Lock washer
35	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
66	143 5834	O-ring
68	144 6082	V-profile ring
69	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
66	143 5937	O-ring
68	144 6082	V-profile ring
69	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
55	143 5675	Piston seal
62	143 6007	Piston seal
63	143 6006	Guide ring 4
66	143 5937	O-ring
68	144 6082	V-profile ring
69	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

PH 2000

Spare part kit: 145 6731 - Tool head seal set for PH 2000

Spare part no.	Article no.	Designation
10	145 6749	Annular piston complete
11	145 6750	Scraper ring complete
12	145 6751	Cylinder sleeve complete
28	143 4221	Flat gasket
41	143 4223	Rod seal
17	143 4226	O-ring
14	143 4227	O-ring
39	143 4228	O-ring

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
93	143 5680	O-ring
88	143 6006	Guide ring 4
90	143 5660	O-ring
92	144 6027	Snap ring
91	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		
60	92	61	143 6297	Distributing valve complete
62	94	63	144 5285	Snap ring
61	93	62	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® 1F	FireFox® 2	FireFox® 2 F		
64	66	65	143 5472	Flat gasket 1
69	71	70	143 5480	Flat gasket 2
85	89	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		
89	88	143 6226	Piston seal
95	94	143 5839	O-ring
90	89	143 6235	Guide ring
92	91	143 5834	O-ring
94	93	144 6082	V-profile ring
93	92	143 5635	Airzet Rod seal

Spare part kits

GBM 95

Spare part kit: 145 7517 - Seal set for GBM 95		
Spare part no.	Article no.	Designation
48	143 5179	Rod seal
11	145 6749	Annular piston complete
33	143 4221	Flat gasket
17	143 4226	O-ring
14	143 4227	O-ring
10	145 7551	Sealing ring mount complete
46	145 7555	O-ring with supporting ring
12	145 7575	Cylinder sleeve, complete

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www.gesipa.com/agb

Damages resulting from natural wear and tear, overloading, use of unsuitable batteries or inexpert handling will be excluded from the guarantee. Damages resulting from material or manufacturing faults will be repaired or replaced free of charge. Claims can only be accepted if the complete riveting tool is returned to the distributor or GESIPA®.