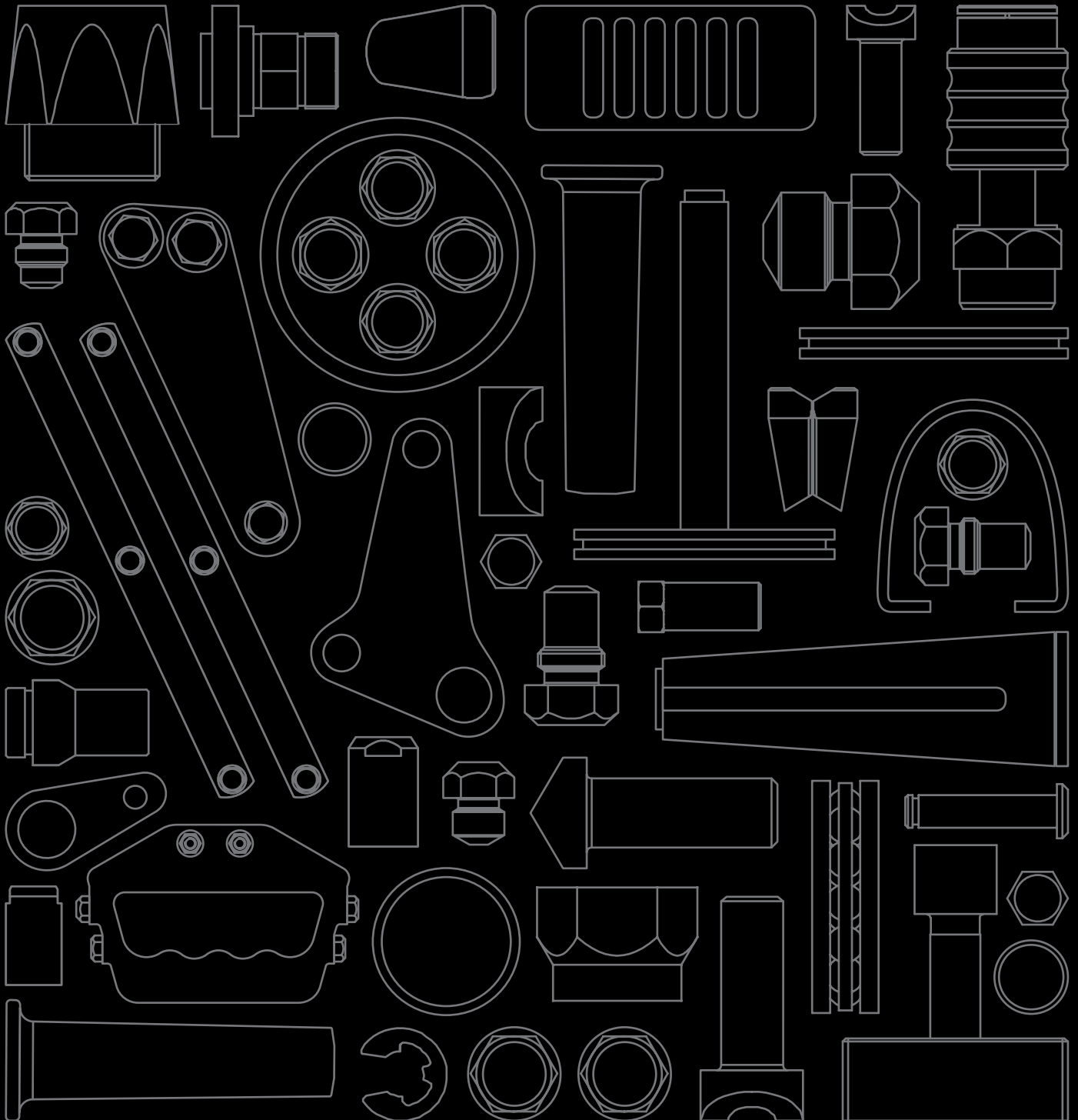


Tools Spares Guide

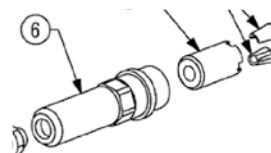


The POP® Tools Spares Guide is a users and buyers manual which assists in the identification of required spare parts.

Throughout the guide you will find:-

Exploded Views

Each tool listed is accompanied by an annotated exploded diagram to assist in the easy identification of the required spare part.



Front End Selection Guidance

On every tool page the first table groups together the essential components to construct the correct front end, to set the required size of rivet or threaded insert.



Wear and Spare Parts Identified

In each tool table, wear and spare parts are identified in the part type column. This feature will aid you in choosing the correct stock profile.

	Part Type
	W
	S
	S
	S
	W

Common Parts Listed

A table is provided which highlights spare parts that are shared by more than more than one tool. This will prevent unnecessary replication of parts within your inventory.

Emhart Media Library

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- POP® Tool Maintenance Manuals
- POP® Tool Catalogues and Information
- POP® Tool Images



POP® Riveting Systems

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ProSet[®] 1600 & MCS

Rivet Power Tool



Front End Parts Packaged/assembled with tool

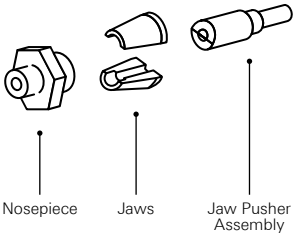
Article	Description	Part Type
17595	Nosepiece ø 2.4mm rivets	W
16216	Nosepiece ø 2.8 - 3.2mm rivets [†]	W
16214	Nosepiece ø 4.0mm rivets	W
16210	Jaws ø 2.4 - 4.0mm rivets [†]	W
12830	Jaw Pusher ø 2.4 - 4.0mm rivets [†]	W

[†]Assembled on tool at time of sale

Front End Parts Available separately for micro rivets

Article	Description	Part Type
15801	Nosepiece ø 2.0mm rivets	W
15803	Jaws ø 2.0mm rivets	W
13484	Jaw Pusher Assembly ø 2.0mm rivets	W

Varying rivet types may require different nosepieces, please refer to page 17 for a complete list of available nosepieces.



* Included in **13493** Seal Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part

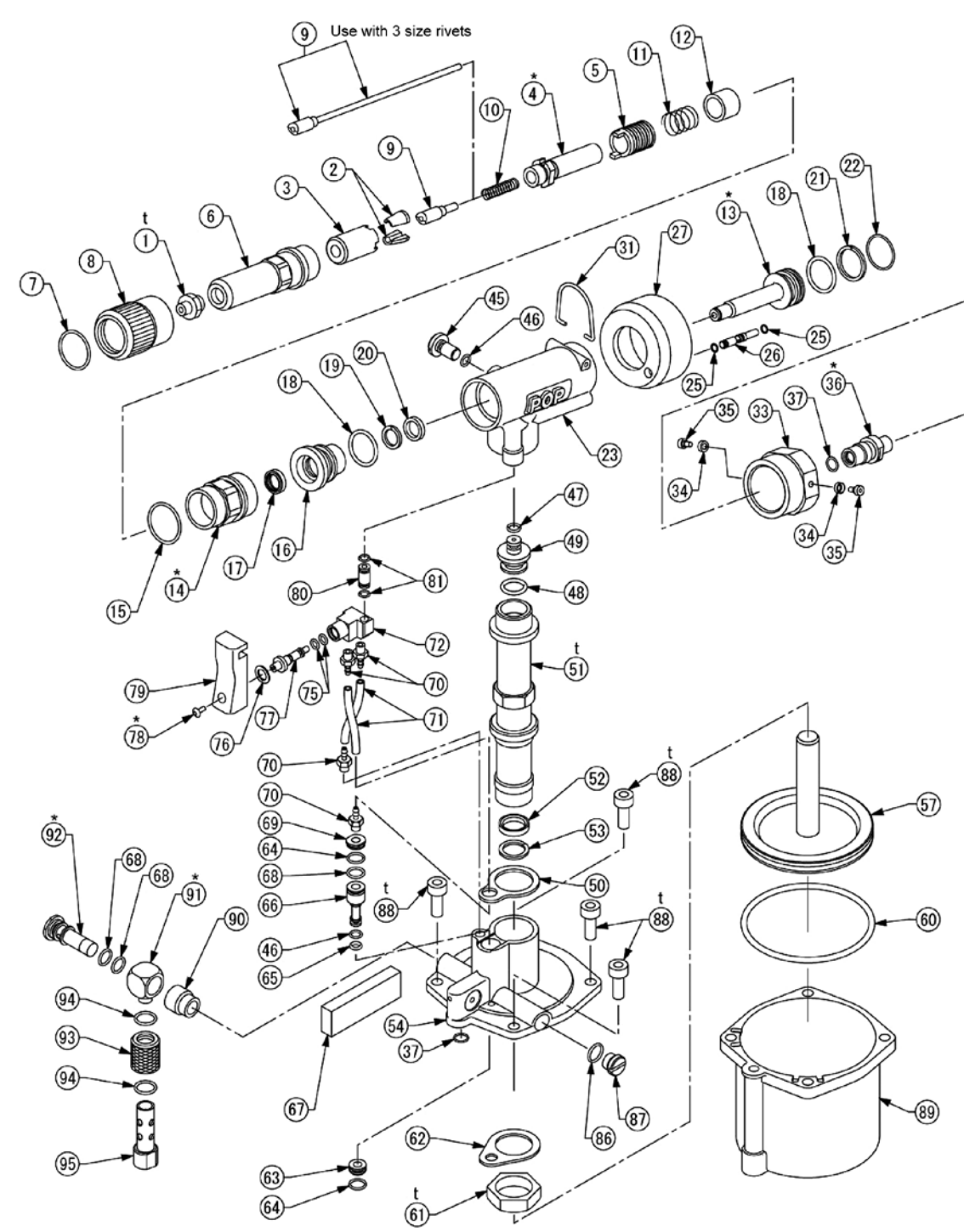
Item	Article	Description	Part Type
57	12871	Air Piston Assembly	S
60	12872	O-Ring*	W
61	12873	Sleeve Lock Nut	S
62	12874	Bottom Plate	S
63	12875	J Valve Cap	S
64	12876	O-Ring	W
65	12877	O-Ring	W
66	12878	J Valve Rod	S
67	12879	EXT Silencer	S
68	12880	O-Ring*	W
69	12881	Valve Stopper	S
70	12882	Hose Tail Fitting	S
71	12883	Air Tube	S
72	12884	S.V Case Assembly	S
75	12885	O-Ring	W
76	12886	Retaining Ring	S
77	12887	S Valve Rod	S
78	12888	Button Head Cap Screw	S
79	12889	Trigger	S
80	12890	Connect Tube	S
81	12891	O-Ring	W
82	12892	Handle (right & left)	S
83	12893	Socket Head Cap Screw	S
84	12894	Hexagon Nut	S
85	12895	Socket Head Cap Screw	S
86	12896	O-Ring	W
87	13461	Plug	S
88	13462	Socket Head Cap Screw	S
89	13463	Chamber	S
90	13464	R Joint Spacer	S
91	13465	R Joint	S
92	13466	R Joint Adapter	S
93	13467	O S Slider	S
94	13468	O-Ring*	W
95	13469	O S Joint	S
96	13470	Collector Assembly	S
97	13471	Collector Lock Collar	S
98	13472	O-Ring	W
99	13473	Flat Head Cap Screw	S
100	13474	Collector Lock	S
101	13475	Collector Body	S
102	13476	O-Ring	W
103	13477	Collector Silencer	W
104	13478	Collector End	S
105	13479	Collector End Cap	S
106	13480	Collector End Nut	S
107	13481	O-Ring	W
108	13482	Deflector Adapter	S
109	13483	O-Ring	W
110	16309	Deflector	S

ProSet[®] 1600 Optional Parts/Kits

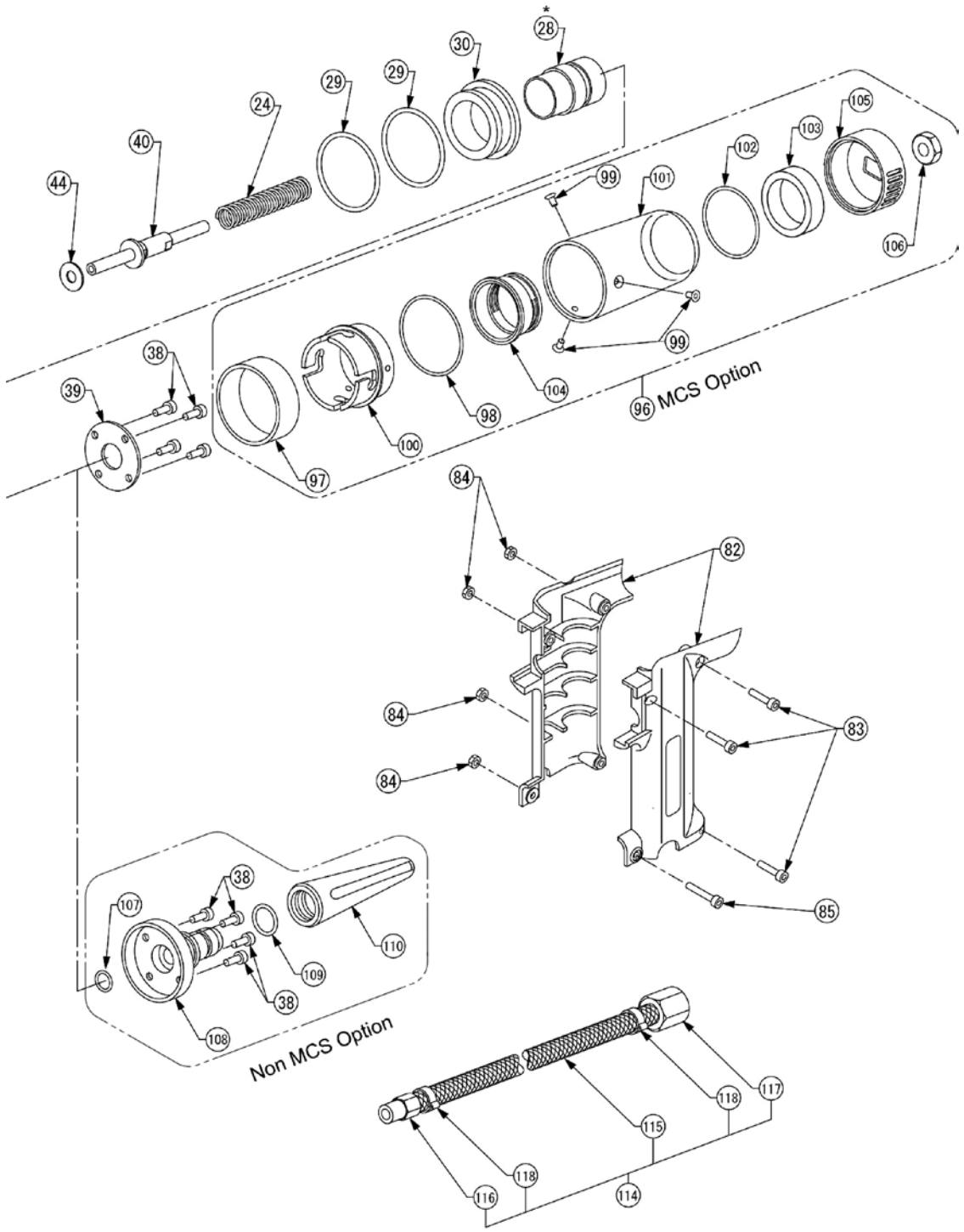
Article	Description
16800	17mm Hex Socket Screw Key
13493	Seal Kit (Spares included marked with *)
16637	MCS5000 Adaptor Kit
13494	MCS Retrofit Kit
13490	4mm Hex Socket Screw Key

ProSet[®] 1600 & MCS

Rivet Power Tool



(*) These items require Loctite[®] 242 adhesive
(t) These items have a specific tightening torque.
For these values please refer to the Tool Assembly Torque Requirements Table in the tool manual.



ProSet[®] 2500 & MCS

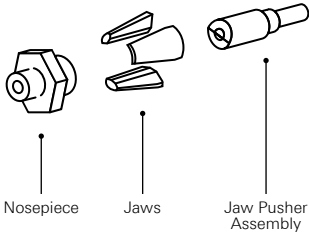
Rivet Power Tool



Front End Parts Packaged/assembled with tool

Article	Description	Part Type
16216	Nosepiece ø 2.8 - 3.2mm rivets	W
16214	Nosepiece ø 4.0mm rivets	W
17623	Nosepiece ø 4.8mm rivets¹	W
13300	Jaws ø 2.8 - 4.8mm rivets¹	W
14494	Jaw Pusher Assembly ø 2.8 - 4.0mm rivets	W
14466	Jaw Pusher ø 4.8mm rivets¹	W

¹Assembled on tool at time of sale
Varying rivet types may require different nosepieces, please refer to page 17 for a complete list of available nosepieces.



ProSet[®] 2500: 14062

ProSet[®] 2500 MCS: 14063

Item	Article	Description	Part Type
1	<i>see table</i>	Nosepiece	W
2	<i>see table</i>	Jaws	W
3	14460	Jaw Guide	W
4	14461	Pulling Head	S
5	14462	Jaw Guide Lock	S
6	14463	Nose Housing	S
7	14464	O-Ring*	W
8	14465	Nose Housing Nut	S
9	<i>see table</i>	Jaw Pusher	W
10	14467	Jaw Pusher Spring	W
11	14468	Spring	S
12	14469	Spring Receiver	S
13	14470	Hydraulic Piston	S
14	14471	Housing Adapter	S
15	14472	O-Ring*	W
16	14473	Rod Seal Case	W
17	14474	Scraper*	W
18	14475	O-Ring*	W
19	12869	Back Up Ring*	W
20	12868	Penta Seal*	W
21	14476	Back Up Ring*	W
22	14477	O-Ring*	W
23	14478	Handle Upper	S
24	14479	Return Spring	S
25	12846	O-Ring	W
26	12847	MCS Valve Rod	S
27	14480	MCS Cap	S
28	14481	End Cap Adapter	S
29	12850	O-Ring	W
30	14482	Slider	W
31	14483	Slider Pusher	S
32	14484	O-Ring	W
33	12852	End Cap	S
34	12853	Collar	S
35	12854	Collar Screw	S
36	14485	Ejector Guide	S
37	12856	O-Ring*	W
38	12857	Socket Head Cap Screw	S
39	12858	End Cap Plate	S
40	14486	Ejector Assembly	S
44	12860	Packing	S
45	12861	Fill Screw	S
46	12862	O-Ring*	W
47	12863	O-Ring	W
48	12864	O-Ring	W
49	14487	Sleeve Upper	S
50	12866	Upper Plate	S
51	12867	Sleeve Lower	S
52	43077	Hook	S
54	14488	Handle Lower Assembly	S

Item	Article	Description	Part Type
57	14489	Air Piston Assembly	S
60	14490	O-Ring*	W
61	12873	Sleeve Lock Nut	S
62	12874	Bottom Plate	S
63	12875	J Valve Cap	S
64	12876	O-Ring	W
65	12877	O-Ring	W
66	12878	J Valve Rod	S
67	12879	EXT Silencer	S
68	12880	O-Ring*	W
69	12881	Valve Stopper	S
70	12882	Hose Tail Fitting	S
71	12883	Air Tube	S
72	12884	S.V Case Assembly	S
75	12885	O-Ring	W
76	12886	Retaining Ring	S
77	12887	S Valve Rod	S
78	12888	Button Head Cap Screw	S
79	12889	Trigger	S
80	12890	Connect Tube	S
81	12891	O-Ring	W
82	12892	Handle (right & left)	S
83	12893	Socket Head Cap Screw	S
84	12894	Hexagon Nut	S
85	12895	Socket Head Cap Screw	S
86	12896	O-Ring	W
87	13461	Plug	S
88	13462	Socket Head Cap Screw	S
89	14491	Chamber	S
90	13464	R Joint Spacer	S
91	13465	R Joint	S
92	13466	R Joint Adapter	S
93	13467	O S Slider	S
94	13468	O-Ring*	W
95	13469	O S Joint	S
96	14492	Collector Assembly	S
97	13471	Collector Lock Collar	S
98	13472	O-Ring	W
99	13473	Flat Head Cap Screw	S
100	13474	Collector Lock	S
101	14493	Collector Body	S
102	13476	O-Ring	W
103	13477	Collector Silencer	W
104	13478	Collector End	S
105	13479	Collector End Cap	S
106	13480	Collector End Nut	S
107	13481	O-Ring	W
108	13482	Deflector Adapter	S
109	13483	O-Ring	W
110	16309	Deflector	S

Item	Article	Description	Part Type
114	13485	Air Line Assembly	S
115	13486	Air Line	W
116	13487	Air Line Fitting	S
117	13488	Hose Female Fitting	S
118	17336	Hose Clip	S
121	14495	EXT Valve Assembly	S
122	63467	EXT Valve Head	S
123	63468	EXT Valve Case	S
124	63526	EXT Valve Spring	S
125	63479	O-Ring	W
126	63470	EXT Valve Rod	S
128	63527	Washer	S

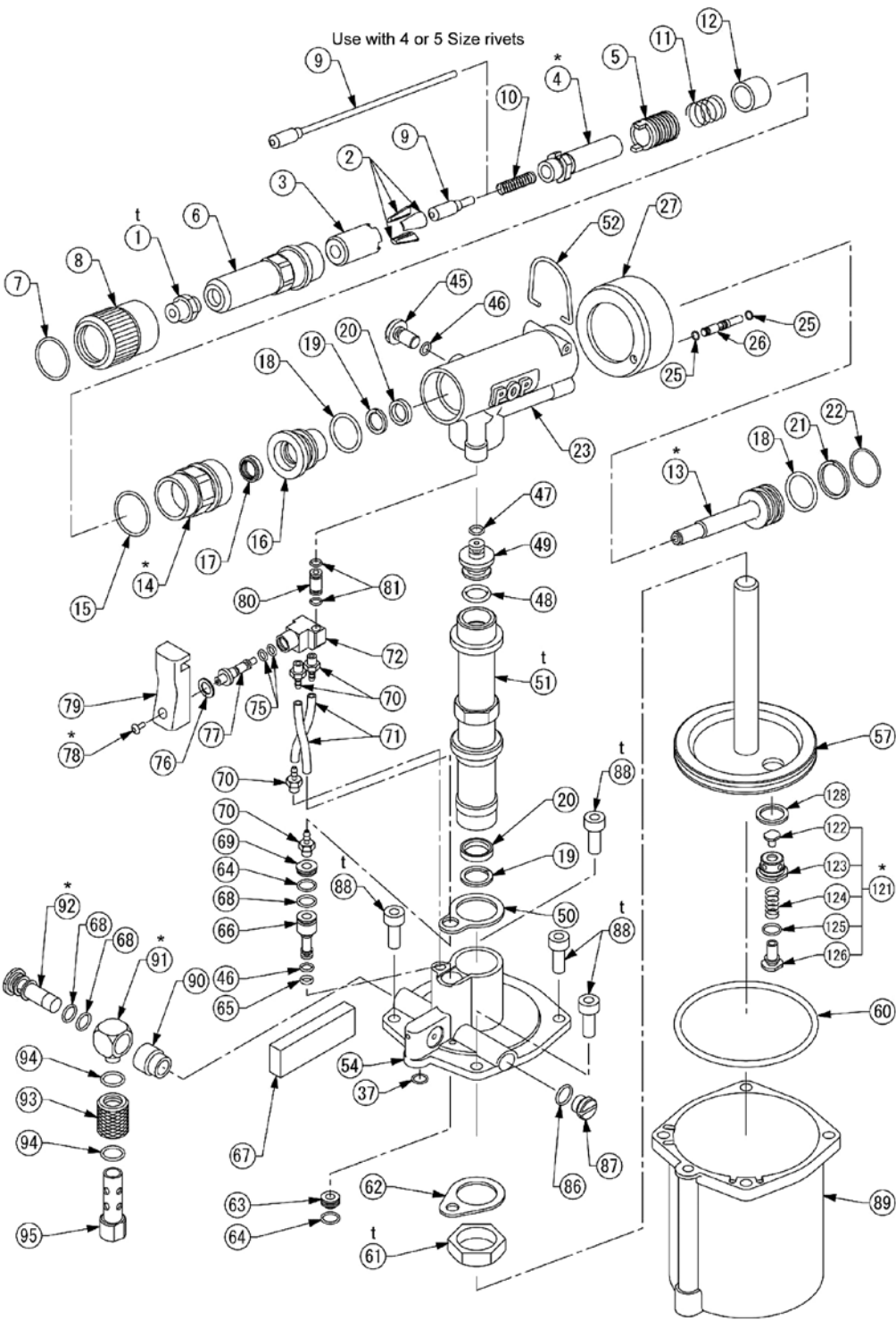
ProSet[®] 2500 Optional Parts/Kits

Article	Description
16800	17mm Hex Socket Screw Key
13165	Seal Kit (Spares included marked with *)
16637	MCS5000 Adaptor Kit
13166	MCS Retrofit Kit
13490	4mm Hex Socket Screw Key

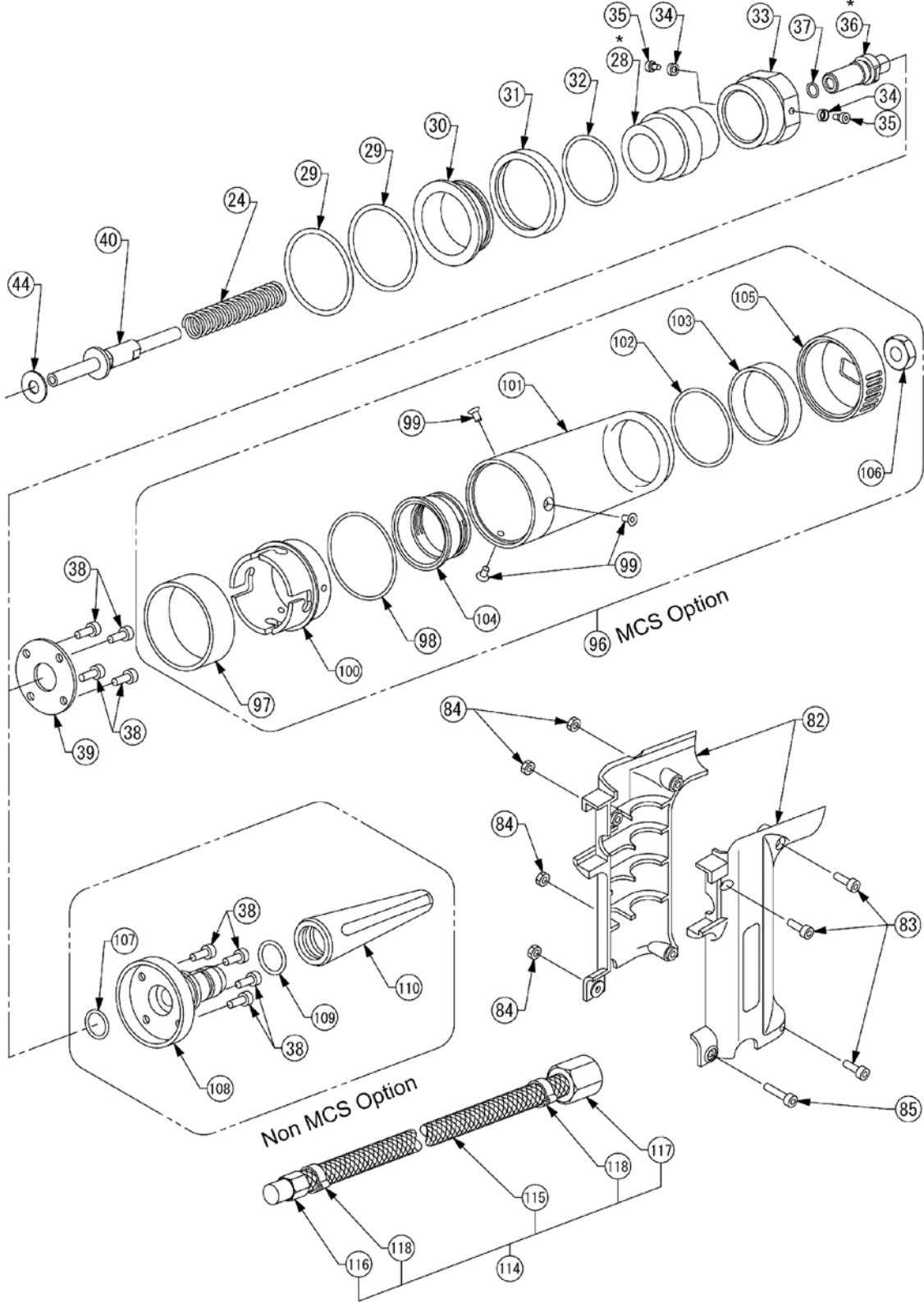
* Included in 13165 Seal Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part

ProSet[®] 2500 & MCS

Rivet Power Tool



(*) These items require Loctite[®] 242 adhesive
(t) These items have a specific tightening torque.
For these values please refer to the Tool Assembly Torque Requirements Table in the tool manual.



ProSet[®] 3400 & MCS

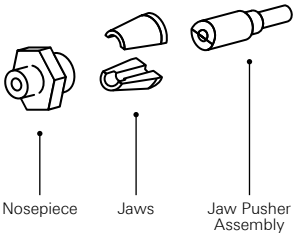
Rivet Power Tool



Front End Parts Packaged/assembled with tool

Article	Description	Part Type
16216	Nosepiece ø 2.8 - 3.2mm rivets	W
16214	Nosepiece ø 4.0mm rivets	W
17623	Nosepiece ø 4.8mm rivets	W
16546	Nosepiece ø 6.4mm rivets¹	W
18407	Jaws ø 2.8 - 4.8mm rivets	W
11446	Jaws ø 6.4mm rivets¹	W
63511	Jaw Pusher Assembly ø 2.8 - 4.8mm rivets	W
63415	Jaw Pusher ø 6.4mm rivets¹	W

¹Assembled on tool at time of sale
Varying rivet types may require different nosepieces, please refer to page 17 for a complete list of available nosepieces.



ProSet[®] 3400: 63407 ProSet[®] 3400 MCS: 63408

Item	Article	Description	Part Type
1	<i>see table</i>	Nosepiece	W
2	<i>see table</i>	Jaws	W
3	63409	Jaw Guide	W
4	63410	Pulling Head	S
5	63411	Jaw Guide Lock	S
6	63412	Nose Housing	S
7	63413	O-Ring*	W
8	63414	Nose Housing Nut	S
9	<i>see table</i>	Jaw Pusher	W
10	63416	O-Ring	W
11	63417	Jaw Pusher Spring	W
12	63418	Spring	S
13	63419	Pulling Head Joint	S
14	63420	Hydraulic Piston	S
15	63421	Spacer Pipe	S
16	63422	Housing Adapter	S
17	63423	O-Ring*	W
18	63424	Rod Seal Case	W
19	43031	Scraper*	W
20	63426	O-Ring*	W
21	63427	Back Up Ring*	W
22	63428	Penta Seal*	W
23	63429	O-Ring*	W
24	63430	Back Up Ring*	W
25	63431	O-Ring*	W
26	63432	Handle Upper	S
27	63433	Return Spring	S
28	63434	O-Ring	W
29	63435	MCS Valve Case	S
30	63436	MCS Valve Rod	S
31	63437	O-Ring	W
32	63438	Spring	S
33	63439	End Cap Adapter	S
34	63440	MCS Cap Front	S
35	63441	Slider	S
36	63442	O-Ring	W
37	63443	MCS Cap Tail	S
38	63444	O-Ring	W
39	63445	Slider Pusher	S
40	63446	O-Ring	W
41	63447	End Cap	S
42	63448	Collar	S
43	63449	Collar Screw	S
44	63450	Ejector Guide	S
45	12880	O-Ring*	W
46	12857	Socket Head Cap Screw	S
47	63451	End Cap Plate	S
48	63452	Ejector Assembly	S
52	14455	O-Ring	W
53	12861	Fill Screw	S

Item	Article	Description	Part Type
54	12862	O-Ring*	W
55	63456	O-Ring	W
56	42567	O-Ring	W
57	63457	Sleeve Upper	S
58	63458	Restrictor	S
59	14457	Retaining Ring	S
60	63459	Upper Plate	S
61	63460	Sleeve Lower	S
62	63518	Pan Head Screw	S
63	63461	Handle Lower Assembly	S
66	63462	Air Piston Assembly	S
69	63465	O-Ring*	W
70	14495	EXT Valve Assembly	S
71	63467	EXT Valve Head	S
72	63526	EXT Valve Spring	S
73	63468	EXT Valve Case	S
74	63470	EXT Valve Rod	S
75	63469	O-Ring	W
76	63471	O-Ring*	W
77	63472	Tube Seal Case	S
78	63473	Tube Assembly	S
81	63476	Sleeve Lock Nut	S
82	63477	Bottom Plate	S
83	63478	J Valve Cap	S
84	63479	O-Ring	W
85	12877	O-Ring	W
86	63480	O-Ring*	W
87	42565	O-Ring	W
88	63481	J Valve Rod	S
89	12879	EXT Silencer	S
90	63482	O-Ring	W
91	63483	O-Ring	W
92	63484	J Valve Fitting	S
93	63485	Hose Lock Fitting	S
94	63486	Air Tube	S
95	12882	Hose Tail Fitting	S
96	12884	S Valve Case Assembly	S
99	12885	O-Ring	W
100	12886	Retaining Ring	S
101	12887	S Valve Rod	S
102	12888	Button Head Cap Screw	S
103	12889	Trigger	S
104	12891	O-Ring	W
105	12890	Connect Tube	S
106	63490	Handle (right & left)	S
107	12893	Socket Head Cap Screw	S
108	12894	Hexagon Nut	S
109	63491	Plug	S
110	63492	Chamber	S
111	63493	Socket Head Cap Screw	S

Item	Article	Description	Part Type
112	63494	Hook	S
113	63495	Collector Assembly	S
114	63496	Collector Lock Collar	S
115	63497	O-Ring	W
116	63498	Collector Lock	S
117	13473	Flat Head Cap Screw	S
118	63499	Collector Body	S
119	63500	Collector Silencer	W
120	63501	Collector End Cap	S
121	63502	Collector End	S
122	13480	Collector End Nut	S
123	63503	O-Ring	W
124	63504	Deflector Adaptor	S
125	13483	O-Ring	W
126	16309	Deflector	S
127	63505	R Joint Spacer	S
128	63506	R Joint	S
129	63507	R Joint Adapter	S
130	63508	O S Slider	S
131	63509	O-Ring	W
132	63510	O S Joint	S
133	63519	O-Ring	W
142	63512	Air Line Assembly	S
143	63513	Air Line Fitting	S
144	63514	Hose Female Fitting	S
145	63515	Air Tube	W
146	63516	Ear Clamp	S

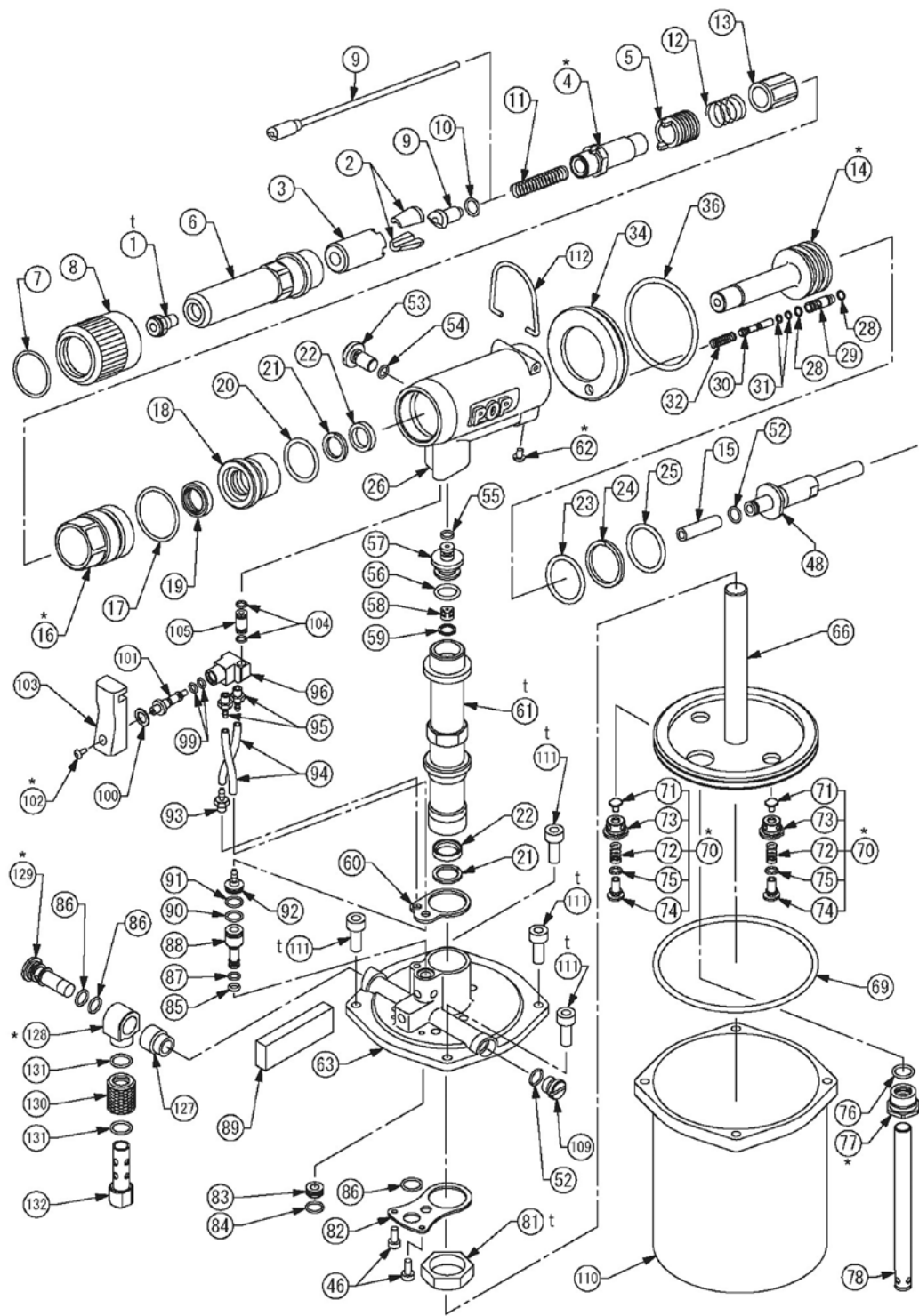
ProSet[®] 3400 Optional Parts/Kits

Article	Description
13173	Seal Kit (Spares included marked with *)
16637	MCS5000 Adaptor Kit for 3 – 3.2mm, 4mm and 4.8 – 5mm rivets
14984	MCS5000 Adaptor Kit for 6.4mm rivets
13174	MCS Retrofit Kit
13490	4mm Hex Socket Screw Key

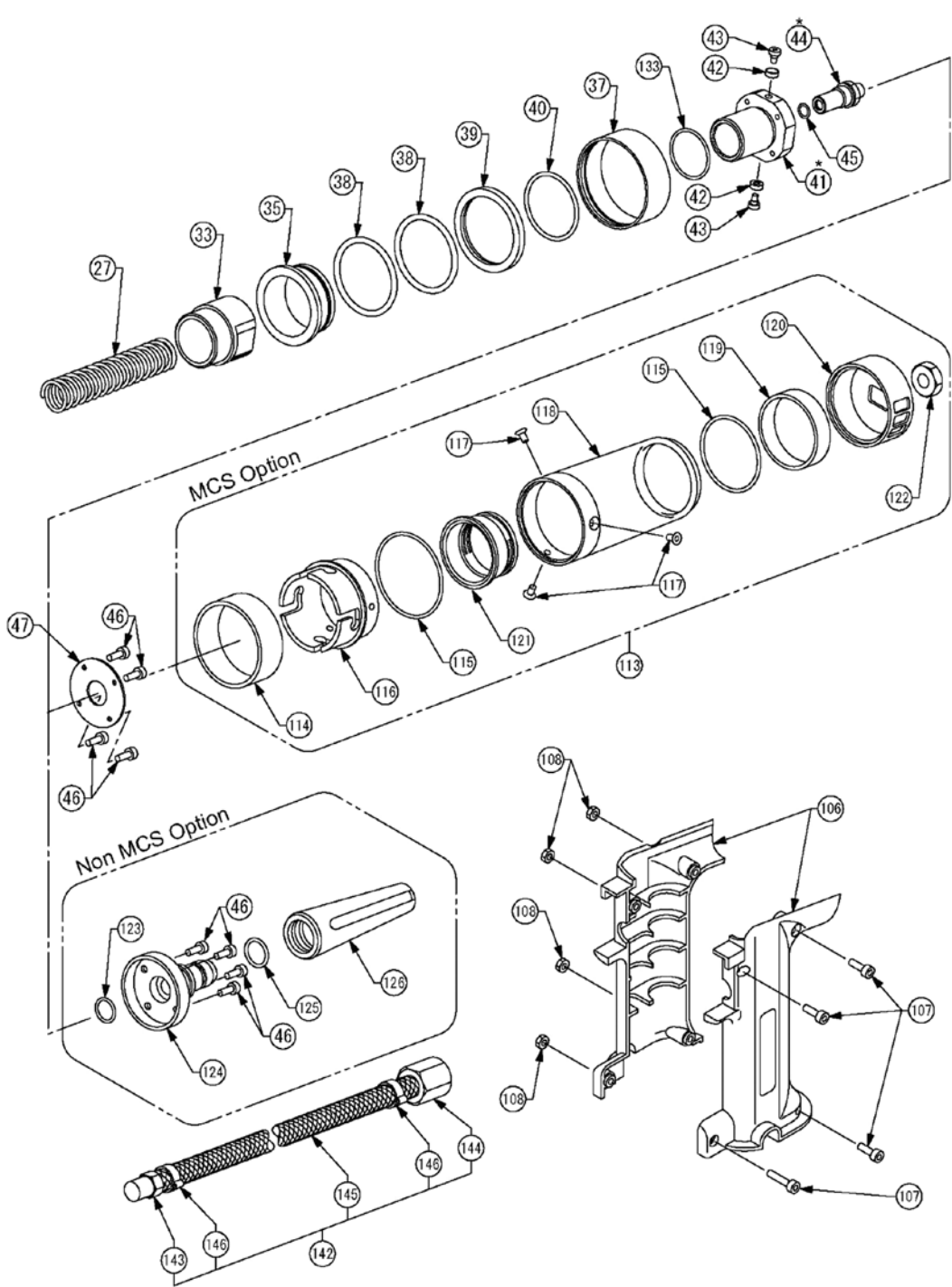
* Included in 13173 Seal Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part

ProSet® 3400 & MCS

Rivet Power Tool



(*) These items require Loctite® 242 adhesive
(t) These items have a specific tightening torque.
For these values please refer to the Tool Assembly Torque Requirements Table in the tool manual.



ProSet[®] Front End Accessories

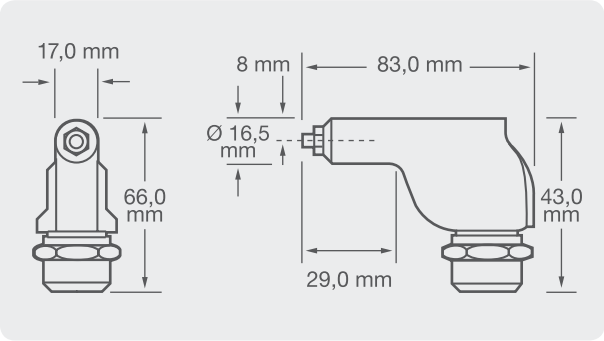
Rivet Power Tools

The POP[®] range of 90° corner heads offer a solution for setting POP[®] rivets where access is restricted.

PRH830

Article: 19480
Capacity: up to 3.2mm
Weight: 0.31 kg

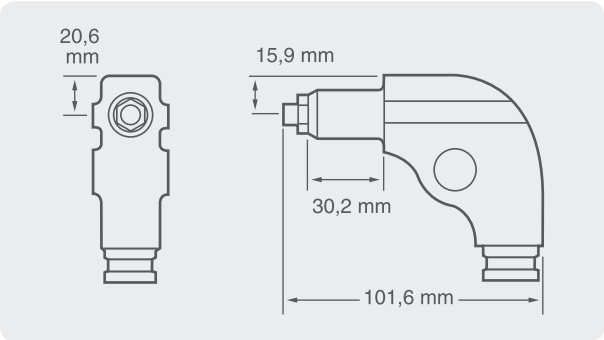
For use with:	
	Adaptor Kit:
ProSet [®] 2500	18731
PRG510	19490
PRG540	19488



PRH840

Article: 19024
Capacity: up to 4.8mm
Weight: 0.5 kg

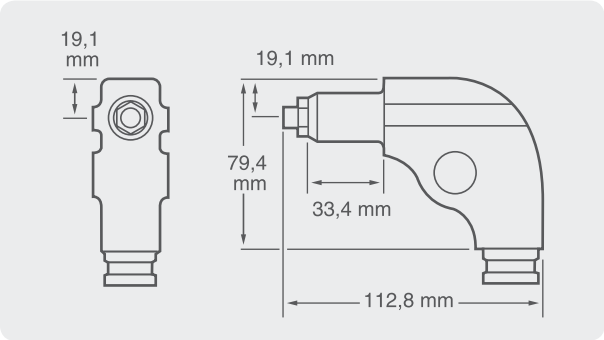
For use with:	
	Adaptor Kit:
ProSet [®] 2500	18737
ProSet [®] 3400	18750
PRG510	19153
PRG540	19145



PRH850

Article: 19240
Capacity: up to 6.4mm
Weight: 0.76 kg

For use with:	
	Adaptor Kit:
ProSet [®] 3400	18869
PRG540	19254



ProSet[®] Front End Kits

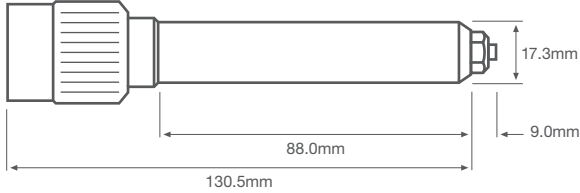
Rivet Power Tools

The ProSet[®] range of front end kits provides the ability to set rivets in deep or narrow access applications.



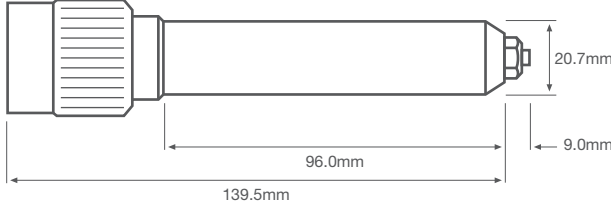
ProSet[®] 1600

Extended front end for deep applications
Article: 13495
Capacity: 2.4 – 4.0mm



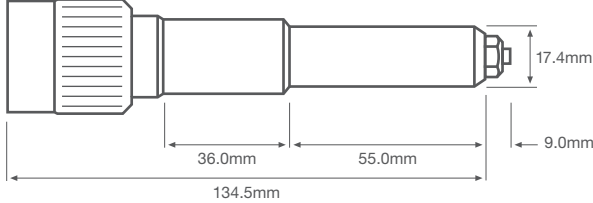
ProSet[®] 2500

Extended front end for deep applications
Article: 13163
Capacity: 3.0 – 4.8mm



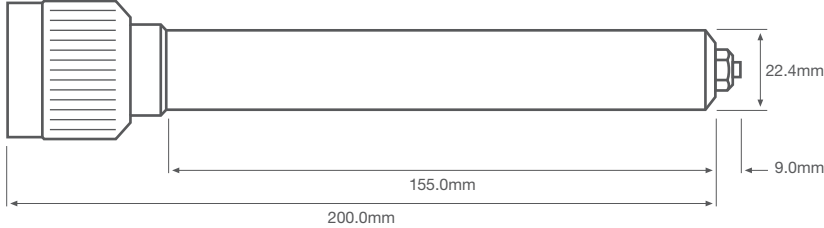
ProSet[®] 2500

Reduced diameter extended front end for narrow applications
Article: 13164
Capacity: 3.0 – 4.0mm



ProSet[®] 3400

Extended front end for deep applications
Article: 13172
Capacity: 3.2 – 6.4mm



ProSet® Common Parts

Rivet Power Tools

Article	Description	1600	2500	3400
12846	O-Ring	●	●	
12847	MCS Valve Rod	●	●	
12850	O-Ring	●	●	
12852	End Cap	●	●	
12853	Collar	●	●	
12854	Collar Screw	●	●	
12856	O-Ring	●	●	
12857	Socket Head Cap Screw	●	●	●
12858	End Cap Plate	●	●	
12860	Packing	●	●	
12861	Fill Screw	●	●	●
12862	O-Ring	●	●	●
12863	O-Ring	●	●	
12864	O-Ring	●	●	
12866	Upper Plate	●	●	
12867	Sleeve Lower	●	●	
12868	Penta Seal	●	●	
12869	Back Up Ring	●	●	
12873	Sleeve Lock Nut	●	●	
12874	Bottom Plate	●	●	
12875	J Valve Cap	●	●	
12876	O-Ring	●	●	
12877	O-Ring	●	●	●
12878	J Valve Rod	●	●	
12879	EXT Silencer	●	●	●
12880	O-Ring	●	●	●
12881	Valve Stopper	●	●	
12882	Hose Tail Fitting	●	●	●
12883	Air Tube	●	●	
12884	S.V Case Assembly	●	●	●
12885	O-Ring	●	●	●
12886	Retaining Ring	●	●	●
12887	S Valve Rod	●	●	●
12888	Button Head Cap Screw	●	●	●
12889	Trigger	●	●	●
12890	Connect Tube	●	●	●
12891	O-Ring	●	●	●
12892	Handle (right & left)	●	●	
12893	Socket Head Cap Screw	●	●	●
12894	Hexagon Nut	●	●	●
12895	Socket Head Cap Screw	●	●	
12896	O-Ring	●	●	
13461	Plug	●	●	
13462	Socket Head Cap Screw	●	●	
13464	R Joint Spacer	●	●	
13465	R Joint	●	●	
13466	R Joint Adapter	●	●	
13467	O S Slider	●	●	
13468	O-Ring	●	●	
13469	O S Joint	●	●	

Article	Description	1600	2500	3400
13471	Collector Lock Collar	●	●	
13472	O-Ring	●	●	
13473	Flat Head Cap Screw	●	●	●
13474	Collector Lock	●	●	
13476	O-Ring	●	●	
13477	Collector Silencer	●	●	
13478	Collector End	●	●	
13479	Collector End Cap	●	●	
13480	Collector End Nut	●	●	●
13481	O-Ring	●	●	
13482	Deflector Adapter	●	●	
13483	O-Ring	●	●	●
13485	Air Line Assembly	●	●	
13486	Air Line	●	●	
13487	Air Line Fitting	●	●	
13488	Hose Female Fitting	●	●	
13490	Hex Socket Screw Key	●	●	●
14495	EXT Valve Assembly		●	●
15406	Nosepiece 4.8mm Ultra-Grip		●	●
15408	Nosepiece 4.8mm Monobolt		●	●
16213	Nosepiece 3.2mm closed, steel	●	●	●
16214	Nosepiece 4.0mm open	●	●	●
16215	Nosepiece 4.0mm closed,	●	●	●
16216	Nosepiece 2.8 - 3.2mm open	●	●	●
16309	Deflector	●	●	●
16548	Nosepiece 2.8 - 3.2mm closed,	●	●	●
16549	Nosepiece 4.8mm closed,		●	●
16637	MCS5000 Adaptor Kit	●	●	●
16800	17mm Hex Socket Screw Key	●	●	
17336	Hose Clip	●	●	
17597	Nosepiece 4.0mm closed,	●	●	●
17598	Nosepiece 4.8mm closed,		●	●
17623	Nosepiece 4.8 - 5.0mm open		●	●
19422	Nosepiece 3.2mm HR		●	●
19423	Nosepiece 4.0mm HR		●	●
19424	Nosepiece 4.8mm HR		●	●
63467	EXT Valve Head		●	●
63468	EXT Valve Case		●	●
63470	EXT Valve Rod		●	●
63479	O-Ring		●	●
63526	EXT Valve Spring		●	●

POP® Specified Oils and Lubricants

Rivet Power Tools

POP® specify the use of any of the following oils and lubricants with your tool. Use of other oils or lubricants may affect your tools performance, reduce service life and will invalidate warranty.

Hydraulic Oil: 11198

Option	Oil	Manufactured By
1	Mobil DTE 26	ExxonMobil Corporation
2	Shell Telus Oil C68	Shell
3	Daphne Hydro 68A	Idemitsu
4	Cosmo Olpas 68	Cosmo
5	Telesso 68	Esso
6	FBK RO68	Nisseki
7	Diamond Lube RO68 (N)	Mitsubishi

Seal Lubricant: 15391

Option	Oil	Manufactured By
1	Lubriplate® 130-AA	Fiske Brothers Refining Co.
2	Alvania® EP Grease 1	Shell Oil Products

Jaw Lubricant: 16229

Option	Oil	Manufactured By
1	Sunpar 107	Sunoco, Inc.

MSDS data available in tool maintenance manuals.

POP® Nosepieces

Rivet Power Tools

Standard POP® Nosepieces for Open End Rivets

Article	Suitable for Rivet Types
15801	ø 2.0mm rivets - open end
17595	ø 2.4mm rivets - open end
16216	ø 2.8 - 3.2mm rivets - open end
16214	ø 4.0mm rivets - open end
17623	ø 4.8mm rivets - open end
16489	ø 6.0mm rivets - open end
16546	ø 6.4mm rivets - open end

POP® Nosepieces for Specific Rivets

Article	Suitable for Rivet Types
16490	ø 4.8mm T rivets
16491	ø 6.4mm T rivets
19422	ø 3.2mm HR rivets
19423	ø 4.0mm HR rivets
19424	ø 4.8mm HR rivets
19425	ø 6.4mm HR rivets
15406	ø 4.8mm Domed Ultra-Grip® rivets
19496	ø 6.4mm Domed Ultra-Grip® rivets
15408	ø 4.8mm Monobolt® rivets
15409	ø 6.4mm Monobolt® rivets
42257	ø 6.4mm HS rivets

POP® Nosepieces for Closed End Rivets, Steel Mandrel

Article	Suitable for Rivet Types
16213	ø 3.2mm rivets - closed end, steel mandrel
16215	ø 4.0mm rivets - closed end, steel mandrel
17598	ø 4.8mm rivets - closed end, steel mandrel
16547	ø 6.4mm rivets - closed end, steel mandrel

POP® Nosepieces for Closed End Rivets, Aluminium Mandrel

Article	Suitable for Rivet Types
16548	ø 3.2mm rivets - closed end, aluminium mandrel
17597	ø 4.0mm rivets - closed end, aluminium mandrel
16549	ø 4.8mm rivets - closed end, aluminium mandrel

POP® rivet tools come as standard with nosepieces for open end rivets. All other nosepieces are not supplied at the time of purchase and are available separately.
POP® also offer a specialist range of extended nosepieces. For further information about nosepieces or to discuss special requirements please contact Emhart Technologies.

MCS5250

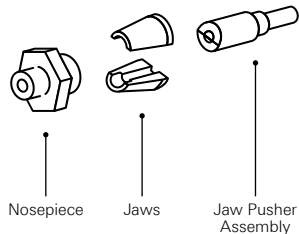
In-Line Pneumatic-Hydraulic Rivet Tool and Remote Vacuum Mandrel Collector



Front End Parts Packaged/assembled with tool

Article	Description	Part Type
16216	Nosepiece ø 2.8 - 3.2mm rivets	W
16214	Nosepiece ø 4.0mm rivets	W
17623	Nosepiece ø 4.8mm rivets	W
18407	Jaws ø 2.8 - 4.8mm rivets	W
16211	Jaw Pusher ø 2.8 - 4.8mm rivets	W

Varying rivet types may require different nosepieces, please refer to page 17 for a complete list of available nosepieces.



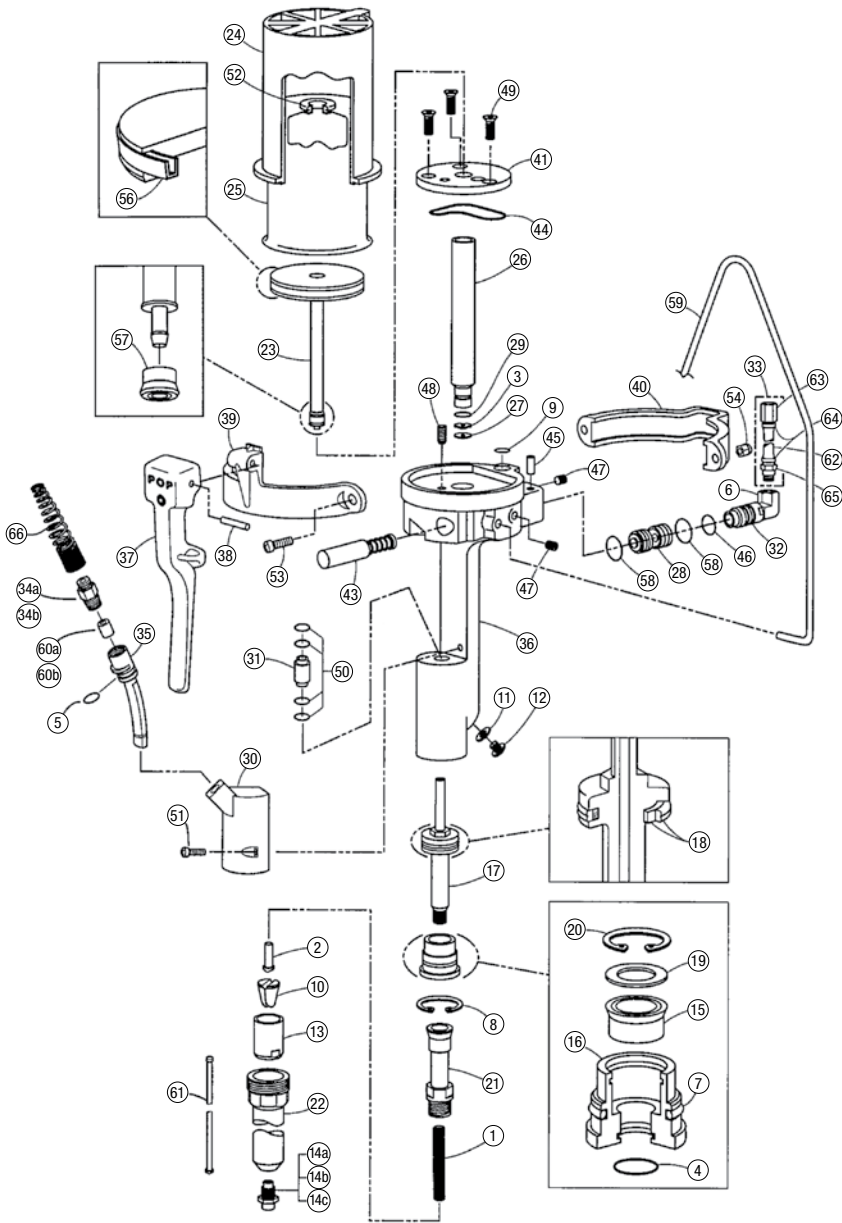
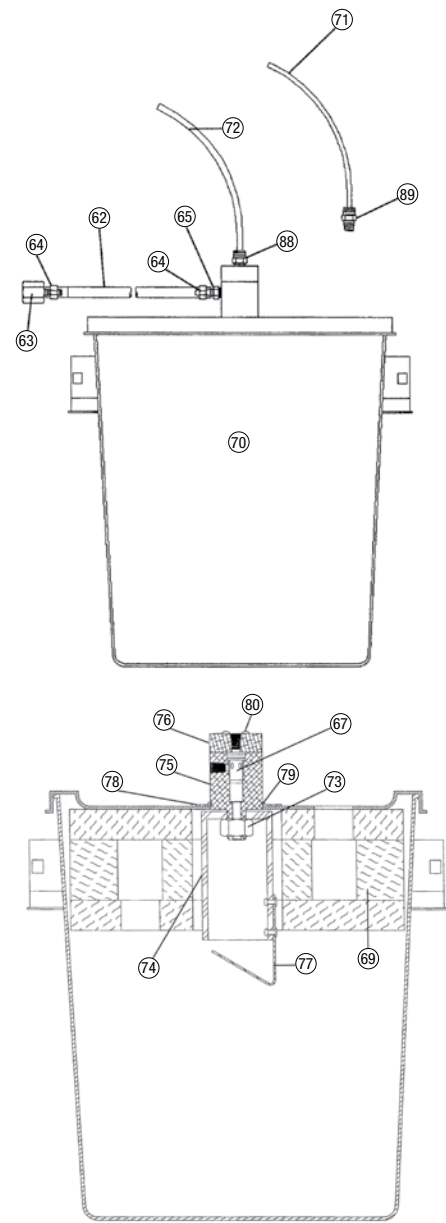
MCS5250: 15685

Item	Article	Description	Part Type
1	16290	Jaw Pusher Spring	W
2	see table	Jaw Pusher	W
3	16400	Restrictor	S
4	16402	O-Ring (Seal Sleeve Inside)	W
5	15760	O-Ring	W
6	16411	Airline Bush	S
7	16437	O-Ring	W
8	16405	Sleeve Retainer Ring	S
9	16406	O-Ring	W
10	see table	Jaws	W
11	17566	Fill Screw Washer	S
12	17565	Fill Screw	S
13	16545	Jaw Guide	S
14	see table	Nosepiece	W
15	15520	Rod Seal	W

* Consists of items 1 and 7-14
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part

Item	Article	Description	Part Type
66	15765	Strain Relief	S
67	15173	H.C. Transducer	S
69	15670	Muffler Assembly*	S
70	15671	Mandrel Container	S
71	15672	Mandrel Collection Hose 3.0 – 3.2mm	W
72	15673	Mandrel Collection Hose 4.0 – 5.0mm	W
73	15674	Nut	S
74	15675	Rivet Shield	S

Item	Article	Description	Part Type
75	15680	Vacuum Transducer Housing	S
76	15681	Housing Cap	S
77	15676	Deflector Plate	S
78	15677	Top Plate	S
79	15678	Retaining Ring	S
80	15679	Screw	S
88	15682	Hose Fitting 4.0 – 5.0mm	S
89	15683	Hose Fitting 3.0 – 3.2mm	S



MCS5800 Battery Tool

Rivet Battery Tool

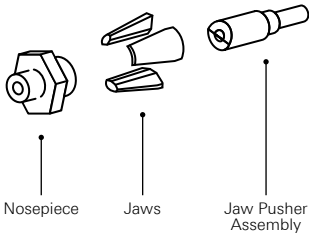


Front End Parts Packaged with tool

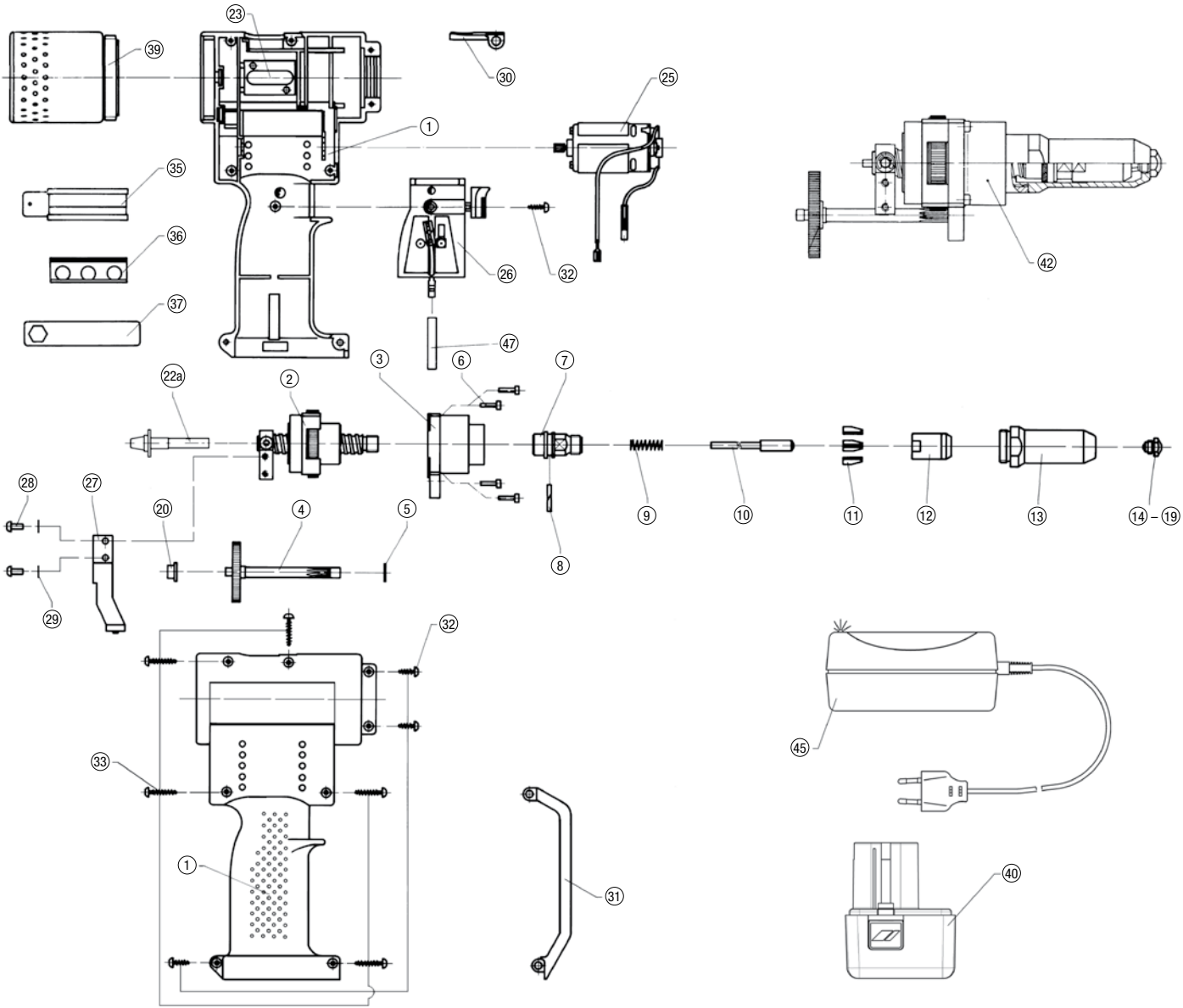
Article	Description	Part Type
15711	ø 2.0 mm bore nosepiece	W
15713	ø 2.4 mm bore nosepiece	W
15715	ø 2.7 mm bore nosepiece	W
15717	ø 3.2 mm bore nosepiece	W
15706	Jaws ø 3.2 - 4.8mm rivets	W
15705	Jaw Pusher ø 3.2 - 4.8mm rivets	W

Front End Parts Available separately

Article	Description	Part Type
15709	ø 1.8mm bore nosepiece	W
15719	ø 3.6mm bore nosepiece	W
15710	ø 1.8mm bore retaining nosepiece	W
15712	ø 2.0mm bore retaining nosepiece	W
15714	ø 2.4mm bore retaining nosepiece	W
15716	ø 2.7mm bore retaining nosepiece	W
15718	ø 3.2mm bore retaining nosepiece	W
15720	ø 3.6mm bore retaining nosepiece	W



* Included in 13173 Seal Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part



MCS5800: Europe: 15701

Item	Article	Description	Part Type
1	15704	Tool Housing	S
2	15721	Ball Screw Drive	S
3	15730	Drive Bearing	S
4	15739	Power Transfer Gear	S
5	15747	Snap Ring	S
6	15748	Screw	S
7	15749	Jaw Housing Coupler	S
8	15750	Scraper Ring	S
9	15751	Jaw Pusher Spring	W
10	see table	Jaw Pusher	W
11	see table	Jaws	W
12	15707	Jaw Housing	S
13	15708	Head	S
14 – 19	see table	Nosepiece	W
20	15722	Bush	S
22A	15723	Spent Mandrel Tube	S
23	15724	Steel Track	S
25	15725	Motor	S
26	15726	Electronic Control Switch	S
27	15727	Magnet Holder	S
28	15728	Magnet Holder Screw	S
29	15729	Spring Lock Washer	S
30	15731	Suspension Loop	S
31	15732	Hand Guard	S
32	15733	Housing Screw (Short)	S
33	15734	Housing Screw (Long)	S
35	15735	Nosepiece Bracket	S
36	15736	Nosepiece Holder	S
37	15737	Nosepiece Wrench	S
39	15738	Spent Mandrel Container	S
40	16000	Battery	S
42	15741	Drive System	S
45	16001	Charger (Europe)	S
	16002	Charger (UK)	S
n/a	15746	Lubricating Grease	S

TT55D

Rivet Hand Tool



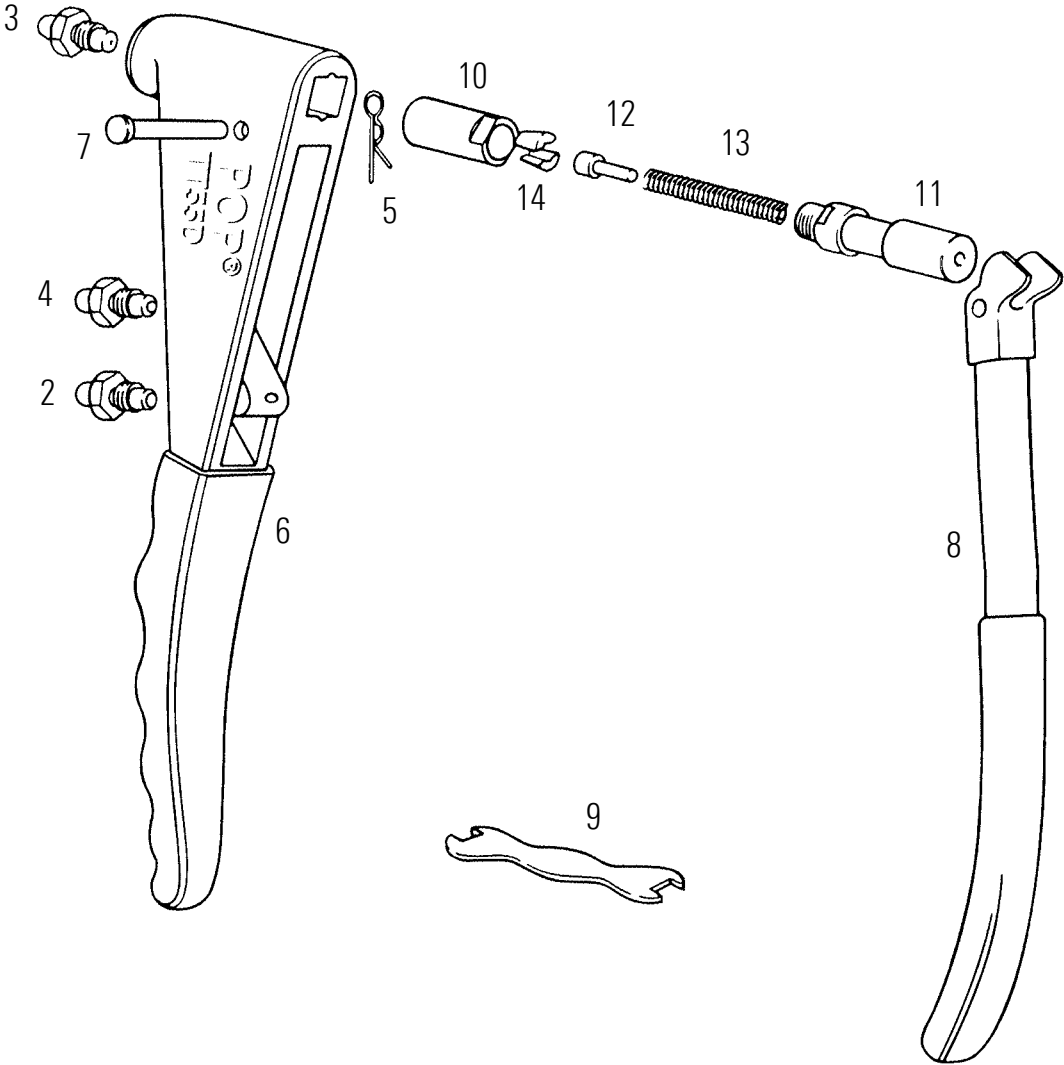
Front End Selection Guide by rivet diameter

	Article	Description	Part Type
2.4 mm	15371	Nosepiece 2.4mm	W
3.2 mm	15372	Nosepiece 3.0 – 3.2mm	W
4.0 mm	15373	Nosepiece 4mm	W

† Each rivet hand tool nosepiece is compatible with the tool's standard issue jaws and jaw pusher.

TT55D: 15370

Item	Article	Description	Part Type
2	15371	Nosepiece 2.4mm	W
3	15372	Nosepiece 3.0 – 3.2mm	W
4	15373	Nosepiece 4mm	W
5	15374	Fulcrum Pin 'R' Clip	S
6	15375	Plier Body	S
7	15376	Fulcrum Pin	S
8	15377	Pliers Lever Assembly	S
9	15378	Spanner Set	S
10	15379	Jaw Case	S
11	15380	Inner Barrel	S
12	15381	Jaw Pusher†	W
13	15382	Jaw Pusher Spring	W
14	15383	Jaw Sets†	W



In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part

PS15

Rivet Hand Tool

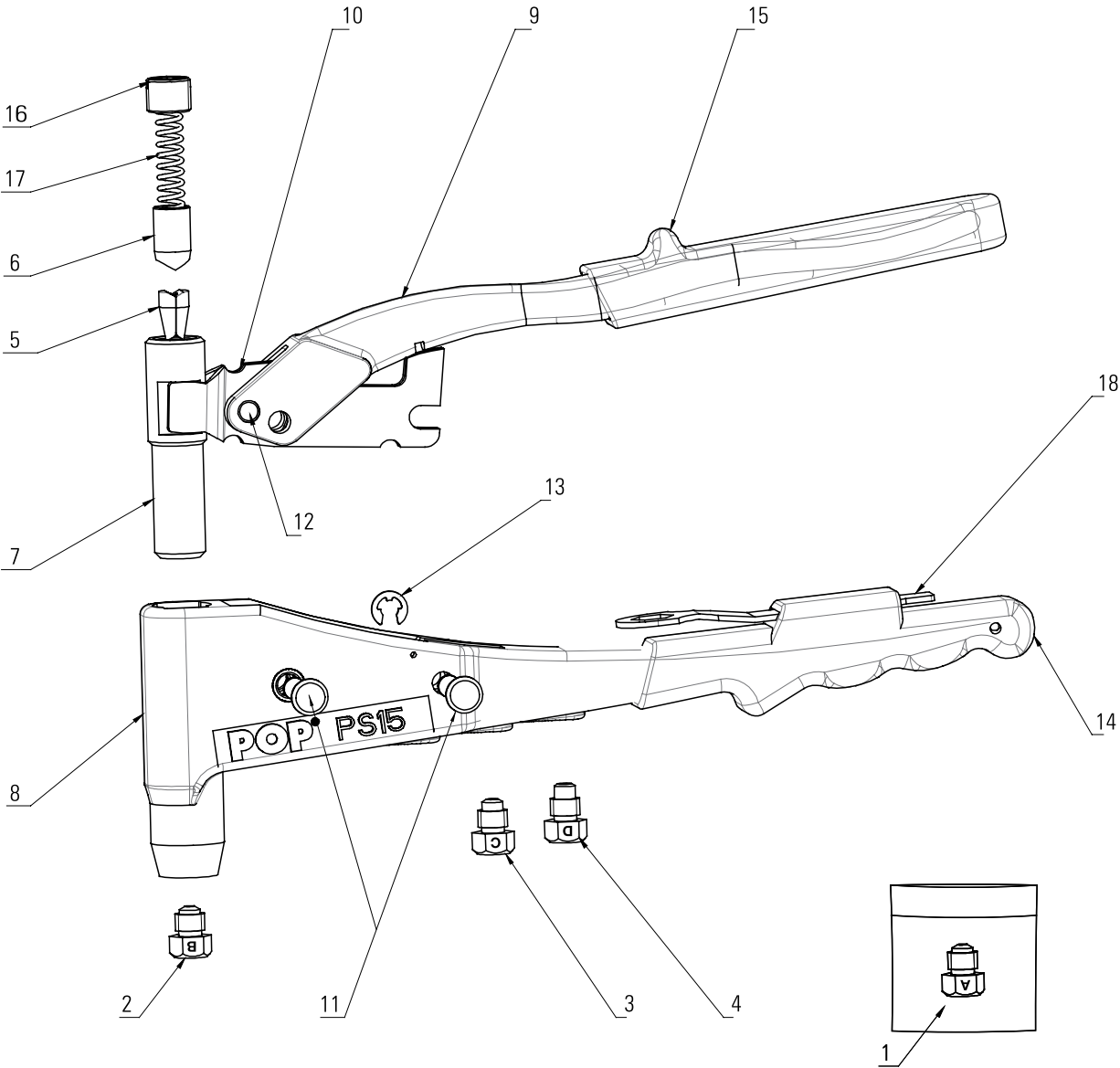


Front End Selection Guide by rivet diameter			
	Article	Description	Part Type
2.4 mm	12213	Nosepiece 2.4mm	W
3.2 mm	12214	Nosepiece 3.0 – 3.2mm	W
4.0 mm	12216	Nosepiece 4mm	W
4.8 mm	12218	Nosepiece 4.8 – 5mm	W

† Each rivet hand tool nosepiece is compatible with the tool's standard issue jaws and jaw pusher.

PS15: 17492			
Item	Article	Description	Part Type
1	12213	Nosepiece 2.4mm	W
2	12214	Nosepiece 3.0 – 3.2mm	W
3	12216	Nosepiece 4mm	W
4	12218	Nosepiece 4.8 – 5mm	W
5	12185	Jaw Sets (2 pcs)†*	W
6	12186	Jaw Pusher†*	W
7	12184	Clamping Sleeve*	S
8	12231	Assembled Body	S
9	12178	Lever	S
10	12232	Leverplate	S
11	12181	Connector Pin	S
12	12182	Pin	S
13	12183	Retaining Ring	S
14	12179	Body Grip	S
15	12180	Lever Grip	S
16	12187	Spring Ring	S
17	12189	Pusher Spring*	W
18	12188	Spanner	S
Available Separately	12190	Torsion Spring	S
Available Separately	12191	Shackle	S
-	16900	Service Kit	S

* Included within Service Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part



PS20

Lazy Tong Rivet Tool



Front End Selection Guide by rivet diameter

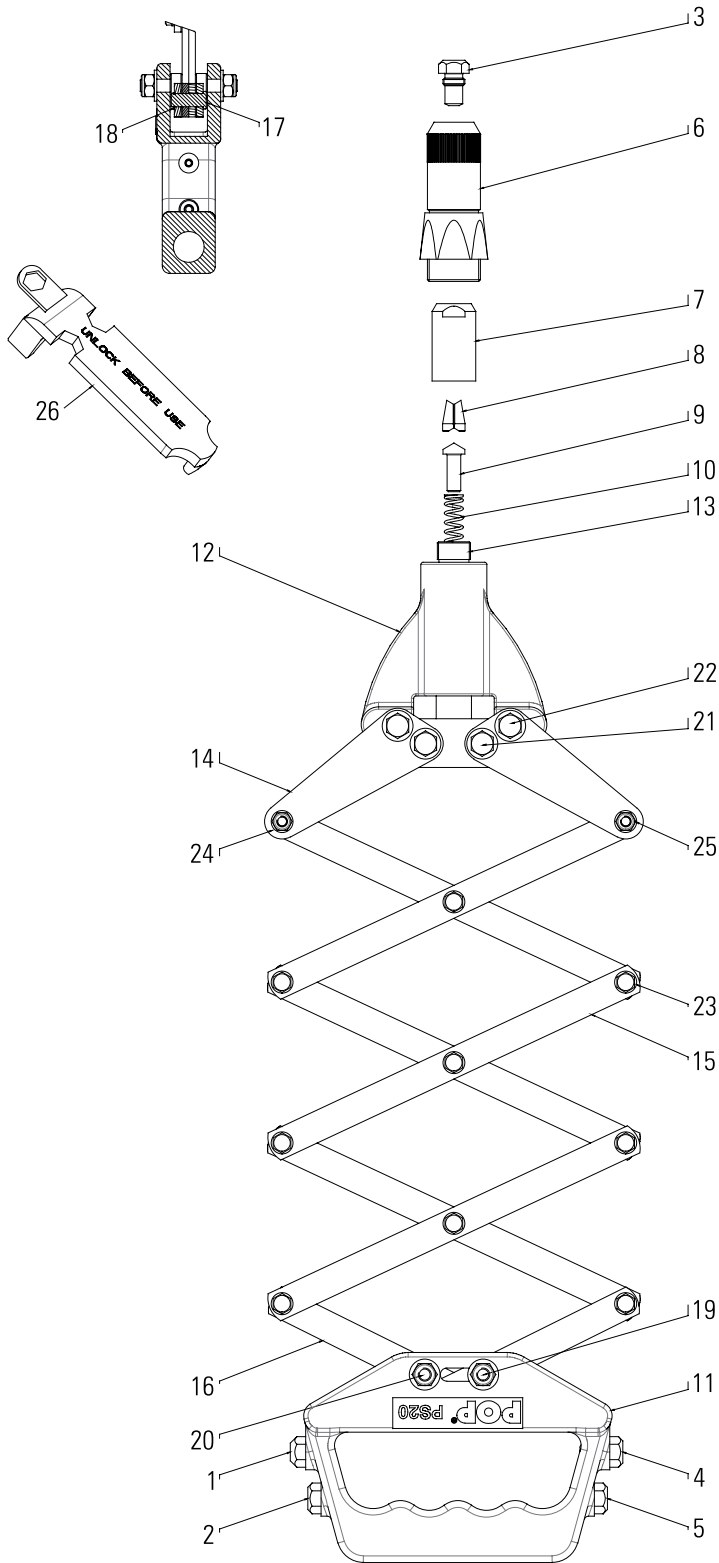
	Article	Description	Part Type
3.2 mm	12215	Nosepiece 3.0 – 3.2mm	W
4.0 mm	12217	Nosepiece 4mm	W
4.8 mm	12219	Nosepiece 4.8 – 5mm	W
6.0 mm	12220	Nosepiece 6mm	W
6.4 mm	12221	Nosepiece 6.4mm	W

† Each rivet hand tool nosepiece is compatible with the tool's standard issue jaws and jaw pusher.

PS20: 17495

Item	Article	Description	Part Type
1	12215	Nosepiece 3.0 – 3.2mm	W
2	12217	Nosepiece 4mm	W
3	12219	Nosepiece 4.8 – 5mm	W
4	12220	Nosepiece 6mm	W
5	12221	Nosepiece 6.4mm	W
6	12223	Nose Housing & Adjust Nut	S
7	12172	Jaw Case*	W
8	12224	Jaw Sets (2 pcs)†*	W
9	12174	Jaw Pusher†*	W
10	12173	Jaw Pusher Spring*	W
11	12175	Handle	S
12	12171	Body	S
13	12222	Power Coupling	S
14	12176	Head Link	S
15	12177	Link	S
16	12207	Short Link	S
17	12206	Lock Pin	S
18	12208	Retaining Ring	S
19	12238	Static Bolt Set	S
20	12237	Dynamic Bolt Set	S
21	12228	Guiding Bolt Set	S
22	12227	Bolt Set	S
23	12226	Bolt/Nut Set	S
24	12230	Set Lock Side Bolt	S
25	12229	Bolt Set	S
26	12209	Spanner	S
-	16901	Service Kit	S

* Included within Service Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part



PS25

Heavy Duty Lazy Tong Rivet Tool



Front End Selection Guide by rivet diameter

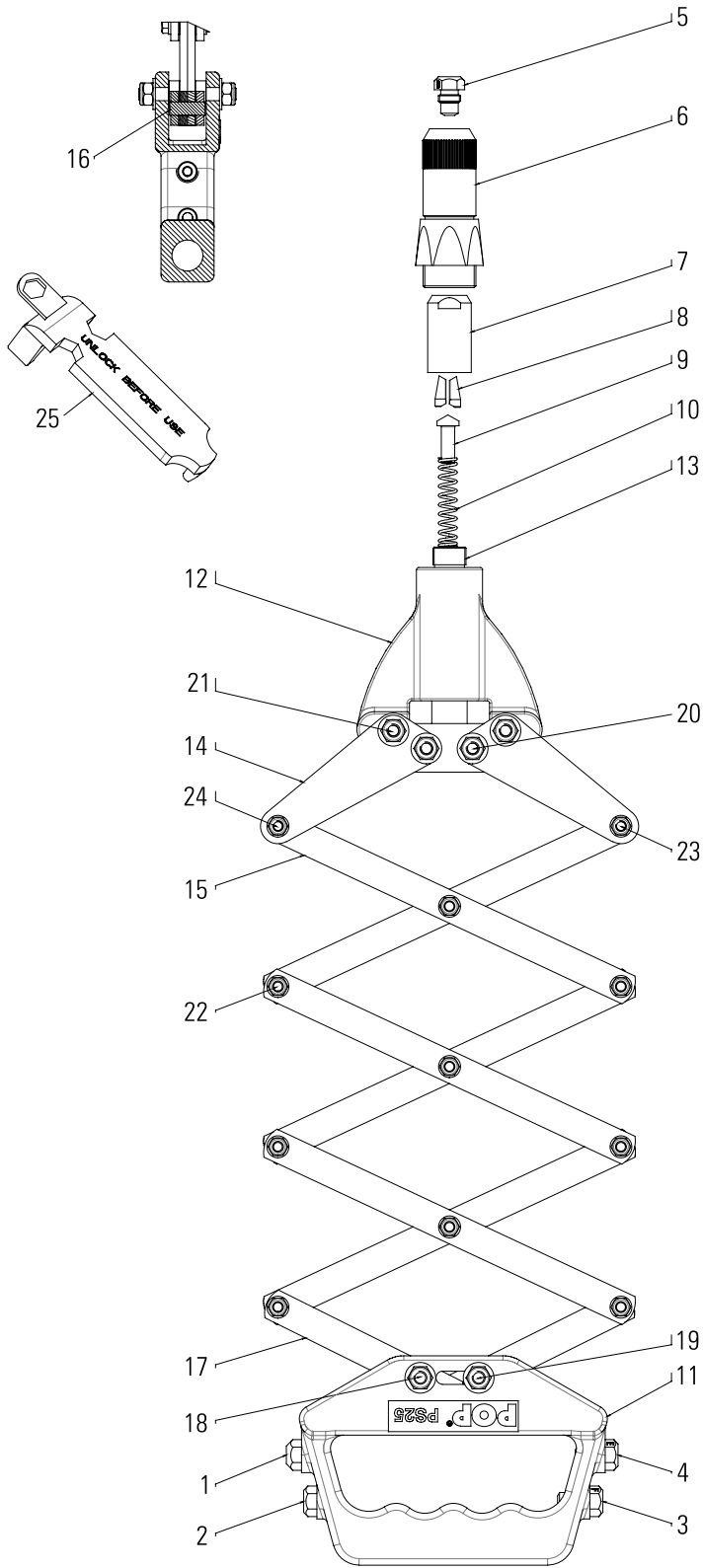
	Article	Description	Part Type
3.2 mm	12215	Nosepiece 3.0 – 3.2mm	W
4.0 mm	12217	Nosepiece 4mm	W
4.8 mm	12219	Nosepiece 4.8 – 5mm	W
	49952	UltraGrip [®] Nosepiece 4.8mm	W
	49954	MonoBolt [®] Nosepiece 4.8mm	W
6.0 mm	12220	Nosepiece 6mm	W
6.4 mm	12221	Nosepiece 6.4mm	W
	49953	UltraGrip [®] Nosepiece 6.4mm	W
	49955	MonoBolt [®] Nosepiece 6.4mm	W

† Each rivet hand tool nosepiece is compatible with the tool's standard issue jaws and jaw pusher.

PS25: 14796

Item	Article	Description	Part Type
1	12215	Nosepiece 3.0 – 3.2mm	W
2	12217	Nosepiece 4mm	W
3	12219	Nosepiece 4.8 – 5mm	W
4	12220	Nosepiece 6mm	W
5	12221	Nosepiece 6.4mm	W
-	49952	UltraGrip [®] Nosepiece 4.8mm	W
-	49953	UltraGrip [®] Nosepiece 6.4mm	W
-	49954	MonoBolt [®] Nosepiece 4.8mm	W
-	49955	MonoBolt [®] Nosepiece 6.4mm	W
6	12223	Nose Housing & Adjust Nut	S
7	12172	Jaw Case*	W
8	12224	Jaw Sets (2 pcs)*	W
9	12174	Jaw Pusher†*	W
10	12173	Jaw Pusher Spring*	W
11	12170	Handle	S
12	12171	Body	S
13	12222	Power Coupling	S
14	12176	Head Link	S
15	12211	Link 80	S
16	12212	Grooved Pin	S
17	12210	Short Link	S
18	12241	Static Bolt Set	S
19	12242	Dynamic Bolt Set	S
20	12228	Guiding Bolt Set	S
21	12227	Bolt Set	S
22	12225	Bolt/Nut Set	S
23	12239	Set Lock Side Bolt	S
24	12240	Bolt Set	S
25	12209	Spanner	S
-	16901	Service Kit	S

* Included within Service Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part



PS40

Lever Rivet Tool

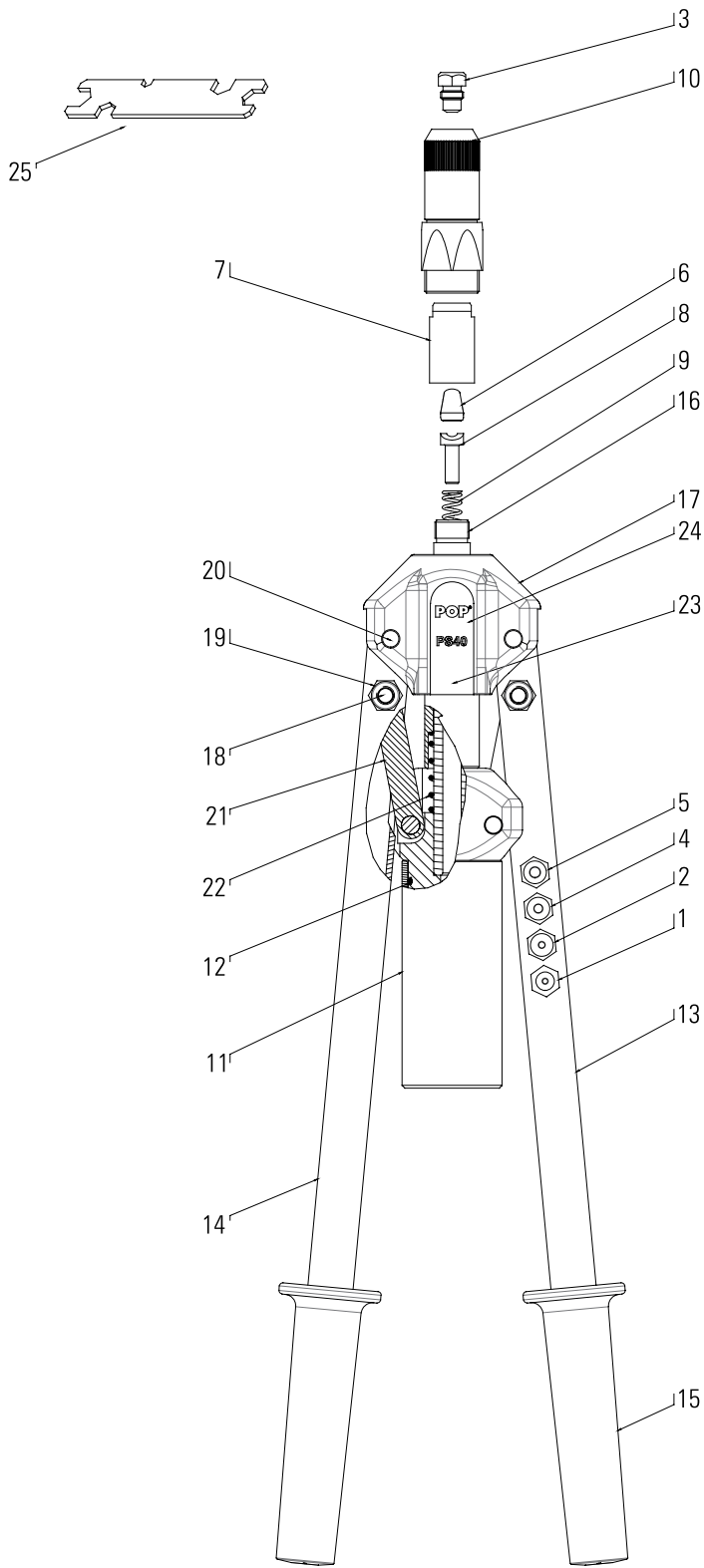


Front End Selection Guide by rivet diameter			
	Article	Description	Part Type
3.2 mm	12215	Nosepiece 3.0 – 3.2mm	W
4.0 mm	12217	Nosepiece 4mm	W
4.8 mm	12219	Nosepiece 4.8 – 5mm	W
6.0 mm	12220	Nosepiece 6mm	W
6.4 mm	12221	Nosepiece 6.4mm	W

† Each rivet hand tool nosepiece is compatible with the tool's standard issue jaws and jaw pusher.

PS40: 17493			
Item	Article	Description	Part Type
1	12215	Nosepiece 3.0 – 3.2mm	W
2	12217	Nosepiece 4mm	W
3	12219	Nosepiece 4.8 – 5mm	W
4	12220	Nosepiece 6mm	W
5	12221	Nosepiece 6.4mm	W
6	12224	Jaw Sets (2 pcs)†*	W
7	12172	Jaw Case*	W
8	12174	Jaw Pusher†*	W
9	12173	Jaw Pusher Spring*	W
10	12223	Nose Housing & Adjust Nut	S
11	12194	Collector	S
12	12193	O-Ring	W
13	12204	Right Lever	S
14	12203	Left Lever	S
15	12199	Grips	S
16	12234	Power Coupling	S
17	12233	Body	S
18	12197	Lever Bolt	S
19	12198	Locknut	S
20	12196	Pivot Pin	S
21	12235	Bracket Set (3 pcs)	S
22	12192	Return Spring	S
23	12195	Lock Key	S
24	12202	Logo Plate	S
25	12201	Spanner	S
-	16901	Service Kit	S

* Included within Service Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part



PS45

Heavy Duty Lever Rivet Tool

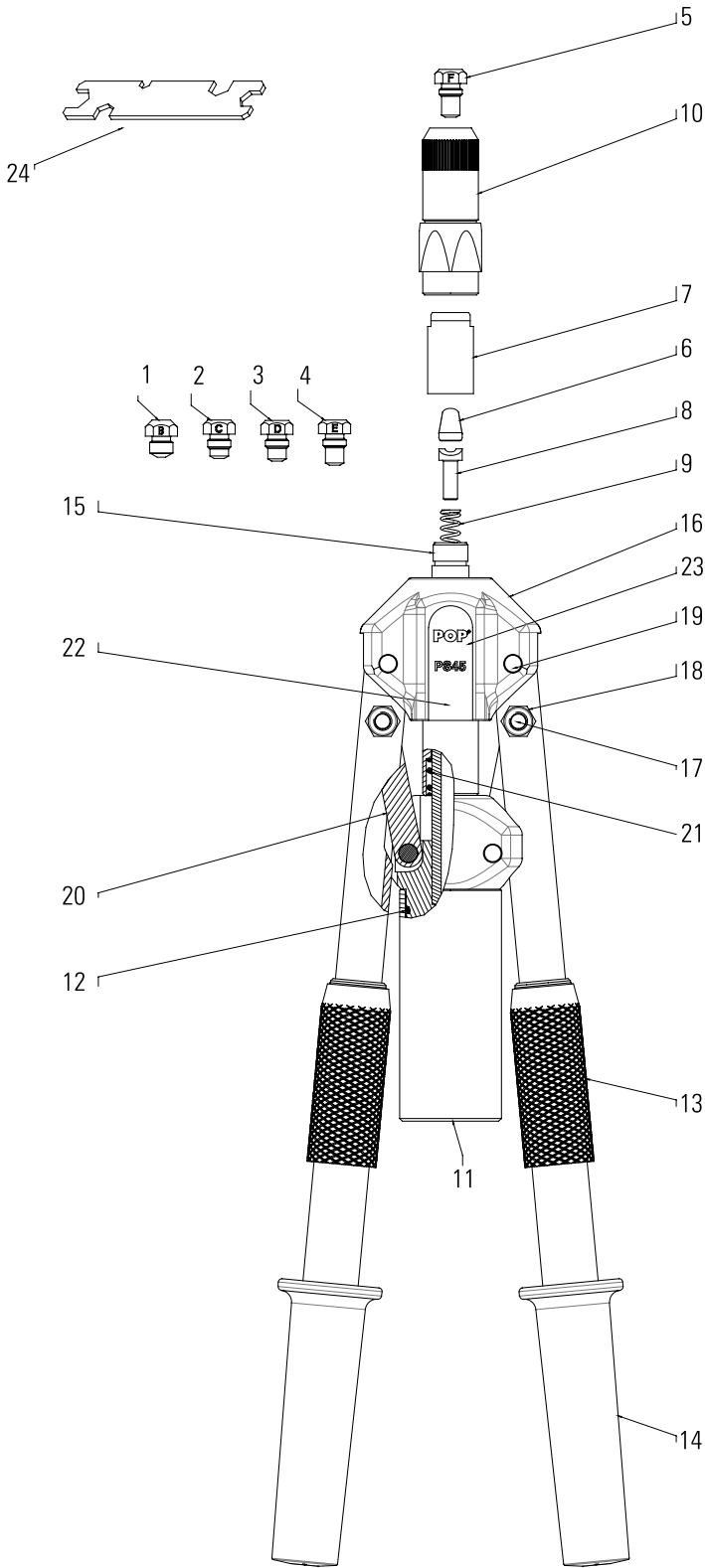


Front End Selection Guide by rivet diameter			
	Article	Description	Part Type
3.2 mm	12215	Nosepiece 3.0 – 3.2mm	W
4.0 mm	12217	Nosepiece 4mm	W
4.8 mm	12219	Nosepiece 4.8 – 5mm	W
	49952	UltraGrip [®] Nosepiece 4.8mm	W
	49954	MonoBolt [®] Nosepiece 4.8mm	W
6.0 mm	12220	Nosepiece 6mm	W
6.4 mm	12221	Nosepiece 6.4mm	W
	49953	UltraGrip [®] Nosepiece 6.4mm	W
	49955	MonoBolt [®] Nosepiece 6.4mm	W

† Each rivet hand tool nosepiece is compatible with the tool's standard issue jaws and jaw pusher.

Item	Article	Description	Part Type
1	12215	Nosepiece 3.0 – 3.2mm	W
2	12217	Nosepiece 4mm	W
3	12219	Nosepiece 4.8 – 5mm	W
4	12220	Nosepiece 6mm	W
5	12221	Nosepiece 6.4mm	W
–	49952	UltraGrip [®] Nosepiece 4.8mm	W
–	49953	UltraGrip [®] Nosepiece 6.4mm	W
–	49954	MonoBolt [®] Nosepiece 4.8mm	W
–	49955	MonoBolt [®] Nosepiece 6.4mm	W
6	12224	Jaw Sets (2 pcs) †*	W
7	12172	Jaw Case*	W
8	12174	Jaw Pusher †*	W
9	12173	Jaw Pusher Spring*	S
10	12223	Nose Housing & Adjust Nut	S
11	12194	Collector	S
12	12193	O-Ring	S
13	12236	Telescopic Lever	S
14	12200	Grips Telescopic	S
15	12234	Power Coupling	S
16	12233	Body	S
17	12197	Lever Bolt	S
18	12198	Locknut	S
19	12196	Pivot Pin	S
20	12235	Bracket Set (3 pcs)	S
21	12192	Return Spring	S
22	12195	Lock Key	S
23	12205	Logo Plate	S
24	12201	Spanner	S
–	16901	Service Kit	S

* Included within Service Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part





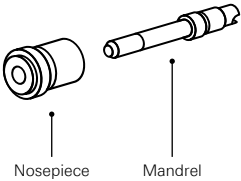
PNT800A

Threaded Insert Power Tool

Front End Selection Guide by thread diameter

	Article	Description	Part Type
M3	42571	Mandrel M3 (Standard)	W
	42577	Nosepiece M3 (Standard)	W
M4	42258	Mandrel M4 (Standard & Thin Wall)	W
	42578	Nosepiece M4 (Standard)	W
	42263	Nosepiece M4 (Thin Wall)	W
	42821	Mandrel M4 (Long - 22mm)	W
	42822	Nosepiece M4 (Long - 22mm)	W
M5	42259	Mandrel M5 (Standard & Thin Wall)	W
	42579	Nosepiece M5 (Standard)	W
	42264	Nosepiece M5 (Thin Wall)	W
	42524	Mandrel M5 (Long - 22mm)	W
	42525	Nosepiece M5 (Long - 22mm)	W
	17511	Rivet Stud Socket M5	W
M6	17510	Rivet Stud Nosepiece M5	W
	42260	Mandrel M6 (Standard & Thin Wall)	W
	42580	Nosepiece M6 (Standard)	W
	42265	Nosepiece M6 (Thin Wall)	W
	42994	Mandrel M6 (Long - 22mm)	W
	42995	Nosepiece M6 (Long - 22mm)	W
M8	42865	Rivet Stud Socket M6	W
	42866	Rivet Stud Nosepiece M6	W
	42575	Mandrel M8 (Standard)	W
	42581	Nosepiece M8 (Standard)	W
	42261	Mandrel M8 (Thin Wall)	W
	42266	Nosepiece M8 (Thin Wall)	W
M10	19428	Mandrel M8 (Long - 22mm)	W
	19429	Nosepiece M8 (Long - 22mm)	W
	TBC	Rivet Stud Socket M8	W
	TBC	Rivet Stud Nosepiece M8	W
	42576	Mandrel M10 (Standard)	W
	42582	Nosepiece M10 (Standard)	W
	42262	Mandrel M10 (Thin Wall)	W
	42267	Nosepiece M10 (Thin Wall)	W

A corresponding mandrel and nosepiece will be required to set a particular size of insert. The colour blocks in the above table indicate which mandrels and nosepieces are compatible. Please note that the standard length mandrels required to set M4, M5 and M6 can be used for both standard and thin wall threaded inserts.



* Included in 43091 Seal Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part

Item	Article	Description	Part Type
51	42600	Hexagon Thin Nut	S
52	43024	Socket Set Screw	S
53	42704	Control Knob	S
54	42714	Control Nut	S
55	42715	T Valve Push Rod	W
56	42716	Trigger	S
57	42717	Flat Head Screw	S
58	42718	Joint Tube	S
59	42719	Assist Plate	S
60	12856	O-Ring*	W
61	19403	Retainer Plate	S
62	12841	Penta Seal*	W
63	19405	Back Up Ring*	W
64	19406	Handle Lower	S
65	19407	Sleeve	S
66	19408	Tube	S
69	42729	O-Ring	W
70	42730	O-Ring*	W
71	42731	Washer	S
72	42732	Tube Seal Case	S
73	12876	O-Ring	W
74	19412	SS-Washer	S
75	19413	O-Ring	W
76	14451	O-Ring	W
77	19410	Air Piston Assembly	S
78	19414	J Valve Stopper	S
79	19415	J Valve Rod	S
80	12885	O-Ring*	W
81	19416	Spring	S
82	63530	Plug	S
83	12875	J Valve Cap	S
84	19418	T Valve Rear Case	S
85	12880	O-Ring*	W
86	19419	Spring	S
87	19420	T Valve Center Case	S
88	19421	T Valve Front Case	S
89	42749	O-Ring*	W
90	42750	T Valve Cap	S
91	42751	T Valve Front Piece	S
92	42752	T Valve Rod	S
93	42753	S Valve End	S
94	12877	O-Ring*	W
95	12886	Retaining Ring	S
96	42756	S Valve Rod	S
97	42757	S Valve Case	S
98	43139	M Valve End	S
99	14452	O-Ring	W
100	14496	Flat head screw	S
101	43115	Motor Case End Plate	S
102	14453	O-Ring*	W

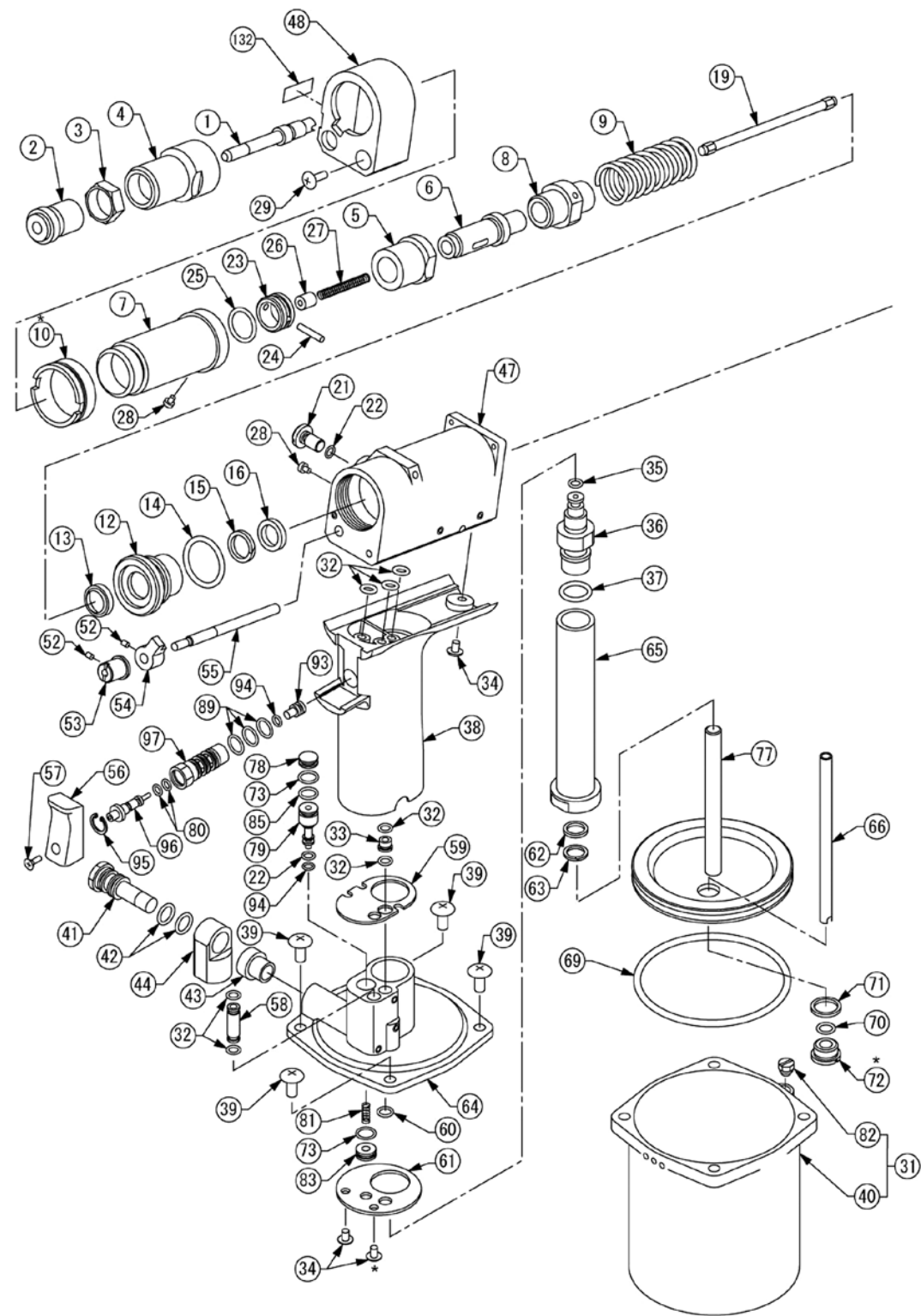
Item	Article	Description	Part Type
103	43116	M Valve Rod	S
104	43117	Motor End Case	S
105	43118	Washer	S
106	14454	O-Ring	W
107	43119	O-Ring Holder	S
108	14455	O-Ring	W
109	14457	Retaining Ring	S
110	43120	Casing	S
111	43121	Ball Bearing	S
112	43122	Rear Plate	S
113	43123	Rotor	S
114	43124	Blade	S
115	43125	Spring Pin	S
116	43126	Cylinder	S
117	43127	Front Plate	S
118	43128	Ball Bearing	S
119	43129	Spacer	S
120	43130	Sun Gear	S
121	43131	Planet Gear	S
122	43132	Needle Pin	S
123	43133	Gear Cage & Gear	S
124	43134	Spacer	S
125	43135	Internal Gear	S
126	14456	Spring	S
127	43136	Gear Cage	S
128	43137	Spacer	S
129	43138	Ball Bearing	S
130	14458	Retaining Ring	S
131	14459	Retaining Ring	S
132	63529	Scale Label	S
133	43077	Hook	S
134	43078	HS Screw Key 1.5mm	S
135	43026	Socket Head Cap Screw (M4 x 20)	S
142	12506	POPNut [®] Mandrel Release	S
200	42758	Air Motor	S

PNT800A Optional Parts

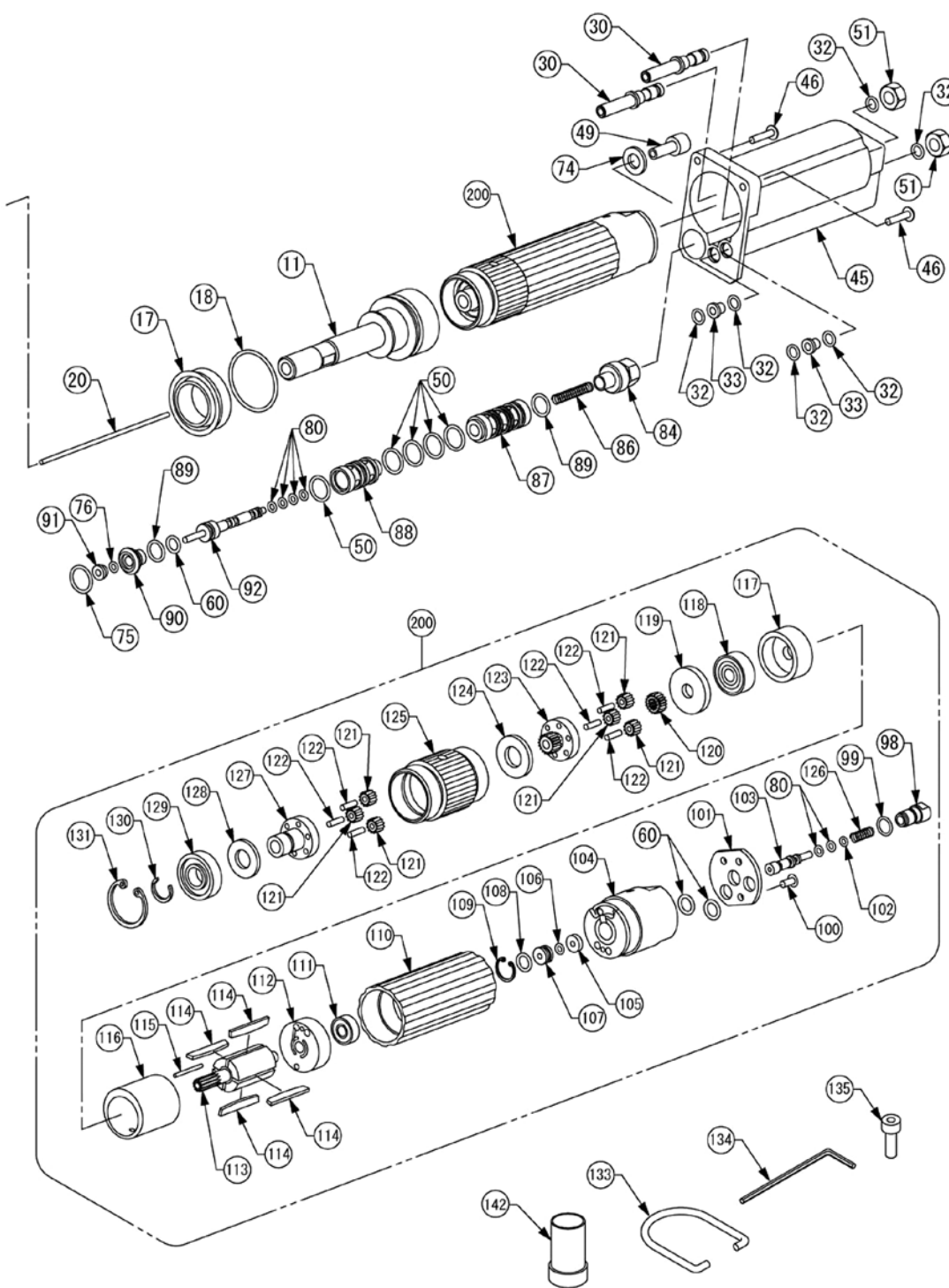
Article	Description
43091	Seal Kit (Spares included marked with *)

PNT800A

Threaded Insert Power Tool



(*) These items require Loctite® 242 adhesive





PNT800L-PC

Threaded Insert Power Tool

Front End Selection Guide by thread diameter

	Article	Description	Part Type
M4	42258	Mandrel M4 (Standard & Thin Wall)	W
	42578	Nosepiece M4 (Standard)	W
	42263	Nosepiece M4 (Thin Wall)	W
	42821	Mandrel M4 (Long - 22mm)	W
	42822	Nosepiece M4 (Long - 22mm)	W

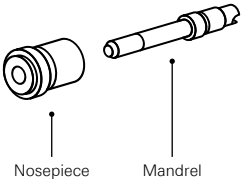
M5	42259	Mandrel M5 (Standard & Thin Wall)	W
	42579	Nosepiece M5 (Standard)	W
	42264	Nosepiece M5 (Thin Wall)	W
	42524	Mandrel M5 (Long - 22mm)	W
	42525	Nosepiece M5 (Long - 22mm)	W
	17511	Rivet Stud Socket M5	W
	17510	Rivet Stud Nosepiece M5	W

M6	42260	Mandrel M6 (Standard & Thin Wall)	W
	42580	Nosepiece M6 (Standard)	W
	42265	Nosepiece M6 (Thin Wall)	W
	42994	Mandrel M6 (Long - 22mm)	W
	42995	Nosepiece M6 (Long - 22mm)	W
	42865	Rivet Stud Socket M6	W
	42866	Rivet Stud Nosepiece M6	W

M8	42575	Mandrel M8 (Standard)	W
	42581	Nosepiece M8 (Standard)	W
	42261	Mandrel M8 (Thin Wall)	W
	42266	Nosepiece M8 (Thin Wall)	W
	19428	Mandrel M8 (Long - 22mm)	W
	19429	Nosepiece M8 (Long - 22mm)	W
	TBC	Rivet Stud Socket M8	W
	TBC	Rivet Stud Nosepiece M8	W

M10	42576	Mandrel M10 (Standard)	W
	42582	Nosepiece M10 (Standard)	W
	42262	Mandrel M10 (Thin Wall)	W
	42267	Nosepiece M10 (Thin Wall)	W

A corresponding mandrel and nosepiece will be required to set a particular size of insert. The colour blocks in the above table indicate which mandrels and nosepieces are compatible. Please note that the standard length mandrels required to set M4, M5 and M6 can be used for both standard and thin wall threaded inserts.



PNT800L-PC: 42709

Item	Article	Description	Part Type
1	<i>see table</i>	Mandrel	W
2	<i>see table</i>	Nosepiece	W
3	42583	Lock Nut	S
4	42584	Nose Housing	S
5	42585	Spin Pull Head Case	S
6	42586	Spin Pull Head	S
7	42587	Mast Housing	S
8	42588	Joint	S
9	19400	Return Spring	S
10	42590	Housing Lock	S
11	42591	Hydraulic Piston	S
12	42592	Rod Seal Case	W
13	42593	Scraper*	W
14	42594	O-Ring*	W
15	42596	Back Up Ring*	W
16	42597	Penta Seal*	W
17	42598	Piston Seal*	W
18	42599	O-Ring*	W
19	42549	Bit	S
20	42550	Start Bar	S
21	12861	Fill Screw	S
22	42552	O-Ring*	W
23	42553	Lock Pin Holder	S
24	42554	Lock Pin	S
25	42555	O-Ring	W
26	42556	Lock Pin Pusher	S
27	42557	Spring	S
28	42558	Socket Head Cap Screw	S
29	12522	Socket Head Cap Screw	S
30	42560	Rear Case Tube	S
31	12512	Cylinder	S
32	12891	O-Ring	W
33	42563	Joint Adapter	S
34	42564	Truss Head Screw	S
35	42565	O-Ring	W
36	19401	Sleeve Upper	S
37	42567	O-Ring	W
38	42568	Handle	S
39	42569	Truss Head Screw	S
40	12507	Chamber	S
41	42684	R Joint Adapter	S
42	13481	O-Ring	W
43	42686	R Joint Spacer	S
44	42687	R Joint	S
45	42688	Rear Case	S
46	42689	Truss Head Screw	S
47	42690	Handle Upper	S
48	12509	Front Case	S
49	42700	T Valve End Screw	S
50	42701	O-Ring	W

Item	Article	Description	Part Type
51	42600	Hexagon Thin Nut	S
52	43024	Socket Set Screw	S
53	12510	Control Knob	S
54	12516	Air Tube	S
55	12511	T Valve Push Rod	S
56	42716	Trigger	S
57	42717	Flat Head Screw	S
58	42718	Joint Tube	S
59	42719	Assist Plate	S
60	12856	O-Ring*	W
61	19403	Retainer Plate	S
62	12500	Penta Seal*	W
63	12501	Back Up Ring*	W
64	19406	Handle Lower	S
65	12508	Sleeve	S
66	19408	Tube	S
69	42729	O-Ring	W
70	42730	O-Ring*	W
71	42731	Washer	S
72	42732	Tube Seal Case	S
73	12876	O-Ring	W
74	19412	SS-Washer	S
75	19413	O-Ring	W
76	14451	O-Ring	W
77	TBC	Air Piston Assembly	S
78	19414	J Valve Stopper	S
79	19415	J Valve Rod	S
80	12885	O-Ring*	W
81	19416	Spring	S
83	12875	J Valve Cap	S
84	19418	T Valve Rear Case	S
85	12880	O-Ring*	W
86	19419	Spring	S
87	19420	T Valve Center Case	S
88	19421	T Valve Front Case	S
89	42749	O-Ring*	W
90	42750	T Valve Cap	S
91	42751	T Valve Front Piece	S
92	42752	T Valve Rod	S
93	42753	S Valve End	S
94	12877	O-Ring*	W
95	12886	Retaining Ring	S
96	42756	S Valve Rod	S
97	42757	S Valve Case	S
98	43139	M Valve End	S
99	14452	O-Ring	W
100	14496	Flat Head Screw	S
101	43115	Motor Case End Plate	S
102	14453	O-Ring*	W
103	43116	M Valve Rod	S

Item	Article	Description	Part Type
104	43117	Motor End Case	S
105	43118	Washer	S
106	14454	O-Ring	W
107	43119	O-Ring Holder	S
108	14455	O-Ring	W
109	14457	Retaining Ring	S
110	43120	Casing	S
111	43121	Ball Bearing	S
112	43122	Rear Plate	S
113	43123	Rotor	S
114	43124	Blade	W
115	43125	Spring Pin	S
116	43126	Cylinder	S
117	43127	Front Plate	S
118	43128	Ball Bearing	S
119	43129	Spacer	S
120	43130	Sun Gear	S
121	43131	Planet Gear	S
122	43132	Needle pin	S
123	43133	Gear Cage & Gear	S
124	43134	Spacer	S
125	43135	Internal Gear	S
126	14456	Spring	S
127	43136	Gear Cage	S
128	43137	Spacer	S
129	43138	Ball Bearing	S
130	14458	Retaining Ring	S
131	14459	Retaining Ring	S
132	43039	Setting Force Control Valve	S
133	12514	Adjuster	S
134	12518	Valve Spring (20mm)	S
136	12513	Valve	S
138	12520	Socket Set Screw	S
139	12515	Valve Case	S
140	12517	Fitting	S
141	12521	Socket Head Cap Screw	S
142	43077	Hook	S
143	43078	HS Screw Key 1.5mm	S
144	43026	Socket Head Cap Screw (M4 x 20)	S
151	12506	POPNut [®] Mandrel Release	S
200	42758	Air Motor	S

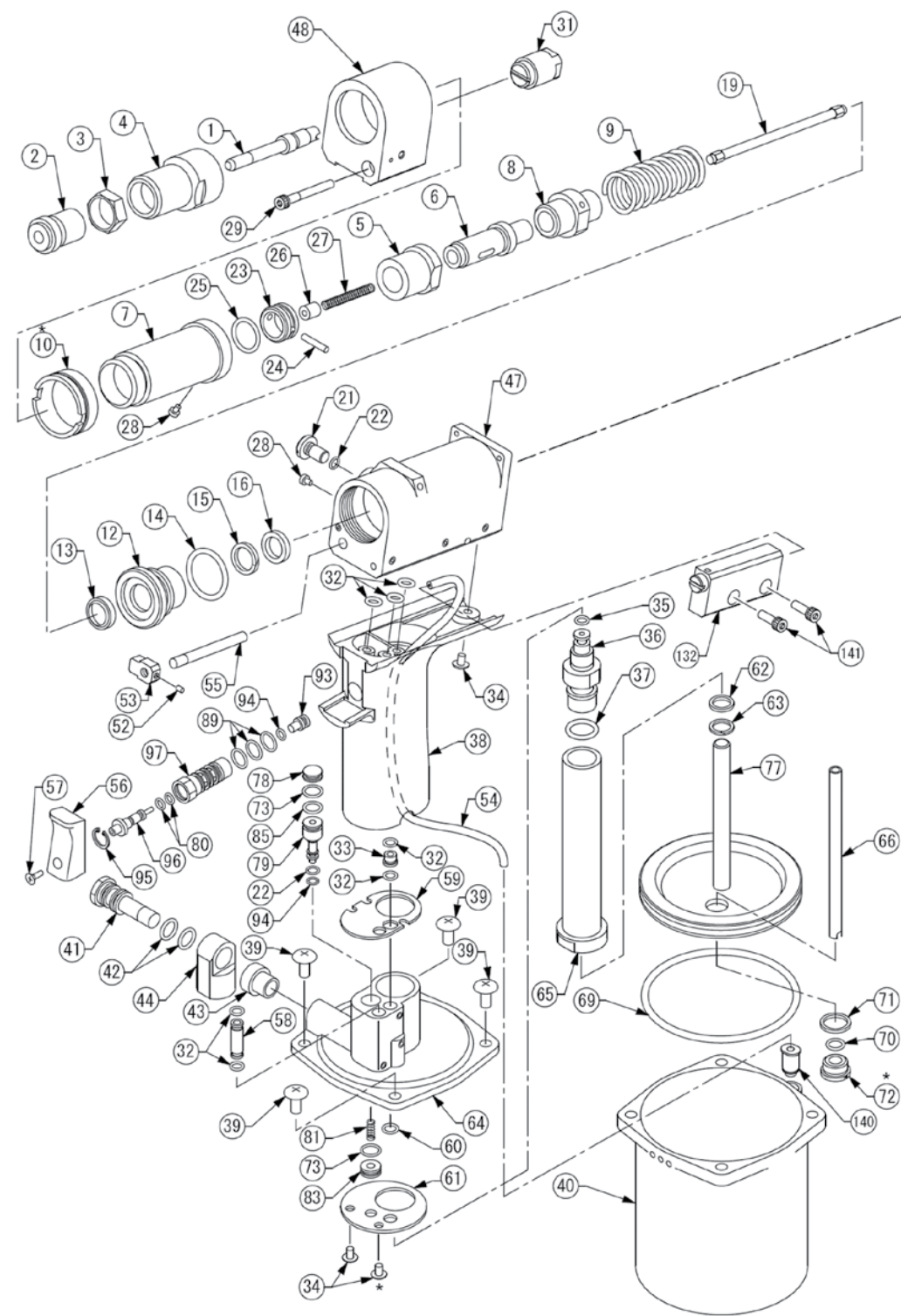
PNT800L-PC Optional Parts

Article	Description
12519	Valve Spring (25mm)
43092	Seal Kit (Spares included marked with *)

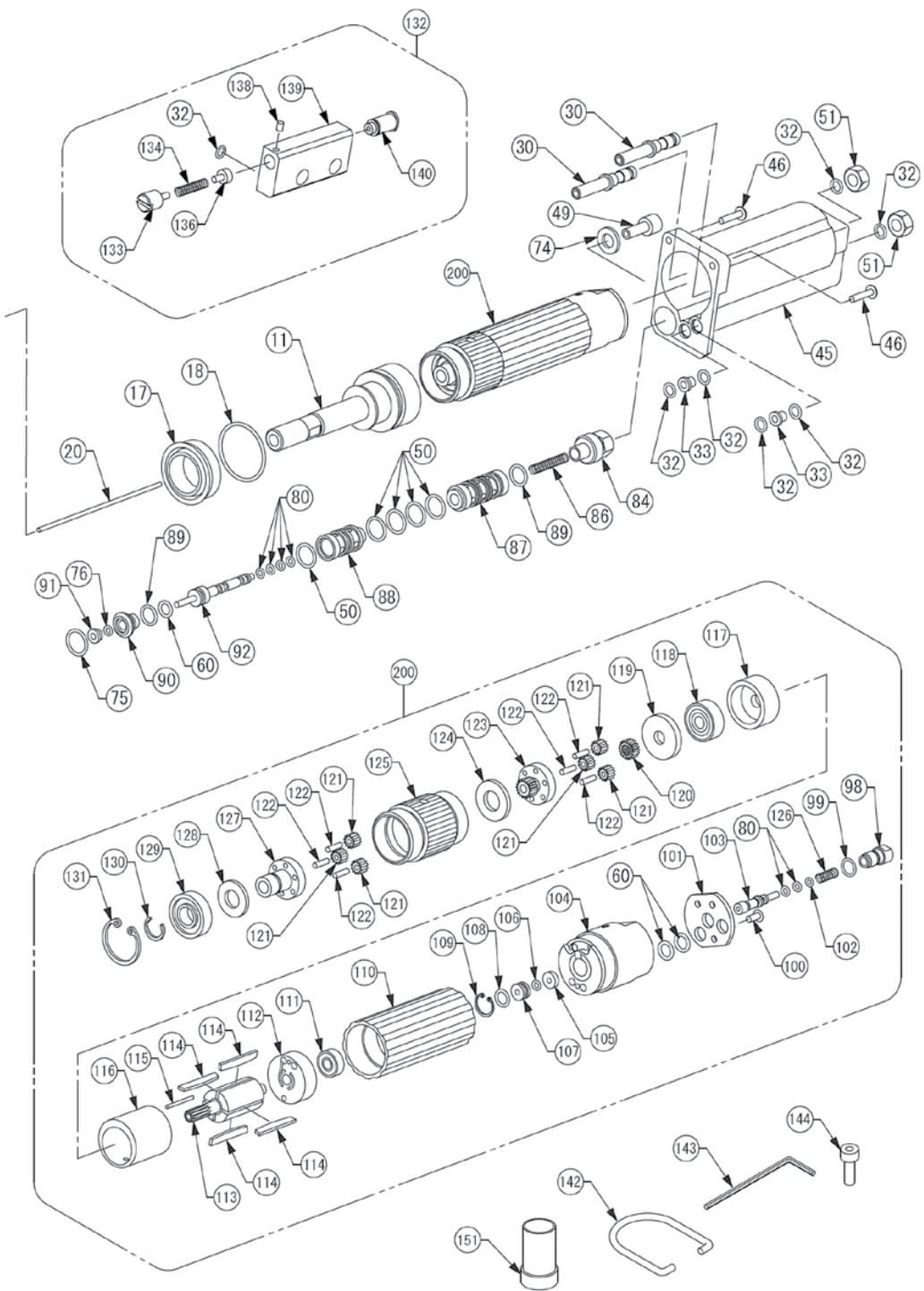
* Included in 43092 Seal Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part

PNT800L-PC

Threaded Insert Power Tool



(*) These items require Loctite® 242 adhesive





PNT1000L-PC

Threaded Insert Power Tool

Front End Selection Guide by thread diameter

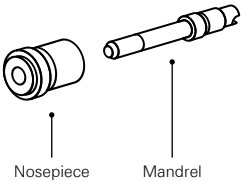
	Article	Description	
M6	42260	Mandrel M6 (Standard & Thin Wall)	W
	42254	Nosepiece M6 (Standard)	W
	42270	Nosepiece M6 (Thin Wall)	W
	42994	Mandrel M6 (Long - 22mm)	W
	TBC	Nosepiece M6 (Long - 22mm)	W

M8	42575	Mandrel M8 (Standard)	W
	42255	Nosepiece M8 (Standard)	W
	42261	Mandrel M8 (Thin Wall)	W
	42271	Nosepiece M8 (Thin Wall)	W
	19428	Mandrel M8 (Long - 22mm)	W
	TBC	Nosepiece M8 (Long - 22mm)	W

M10	42250	Mandrel M10 (Standard)	W
	42268	Nosepiece M10 (Standard)	W
	42262	Mandrel M10 (Thin Wall)	W
	42272	Nosepiece M10 (Thin Wall)	W

M12	42251	Mandrel M12 (Standard)	W
	42253	Nosepiece M12 (Standard)	W
	42269	Mandrel M12 (Thin Wall)	W
	42273	Nosepiece M12 (Thin Wall) M12	W

A corresponding mandrel and nosepiece will be required to set a particular size of insert. The colour blocks in the above table indicate which mandrels and nosepieces are compatible. Please note that the standard length mandrels required to set M4, M5 and M6 can be used for both standard and thin wall threaded inserts.



PNT1000L-PC: 42708

Item	Article	Description	Part Type
1	<i>see table</i>	Mandrel	W
2	<i>see table</i>	Nosepiece	W
3	43040	Lock Nut	S
4	43041	Nose Housing	S
5	43042	Lock Pin	S
6	43043	Lock Pin Pusher	S
7	43011	O-Ring	W
8	43044	Lock Pin Holder	S
9	43020	Spring	S
10	43045	Spin Pull Head	S
11	43046	Spin Pull Head Case	S
12	43047	Bit	S
15	43006	Front Case	S
16	43049	Mast Housing	S
17	43050	Housing Lock	S
18	43022	Return Spring	S
19	43051	Rod Seal Receiver	W
20	43031	Scraper*	W
21	43032	Back Up Ring*	W
22	43035	Rod Seal*	W
25	43030	Piston Seal*	W
26	43033	Back Up Ring*	S
27	43012	O-Ring*	W
28	43003	Handle Upper	S
29	42550	Start Bar	S
30	43053	Rear Case	S
31	43027	Socket Head Cap Screw	S
32	42713	Socket Head Cap Screw	S
33	43054	End Cap	S
34	43013	O-Ring*	W
35	43055	HU/EC Tube	S
36	43056	End Cap Tube	S
37	12521	Socket Head Cap Screw	S
38	43014	O-Ring	W
39	43005	Handle	S
40	43057	Sleeve	S
41	43036	Rod Seal*	S
42	43034	Back Up Ring*	S
43	43004	Handle Lower	S
44	43015	O-Ring*	W
45	43058	Ram Seal Receiver	S
46	43000	Chamber	S
47	43023	E Retaining Ring	S
48	43080	EXT Valve Case	S
49	14456	Spring	S
50	43016	O-Ring	W
51	43081	EXT Valve Rod	S
52	43017	O-Ring	W
55	43059	SV/HL Tube	S
56	43060	HU/HL Tube	S

Item	Article	Description	Part Type
59	43018	O-Ring*	W
60	12886	Retaining Ring	S
61	43062	S Valve Rod	S
62	42717	Flat Head Cap Screw	S
63	42716	Trigger	S
64	43063	SV/HU Tube	S
65	43029	Socket Head Cap Screw	S
66	12861	Fill Screw	S
67	42552	O-Ring*	W
68	43064	T Valve Rear Case	S
69	43065	T Valve Center Case	S
70	43066	T Valve Rod	S
71	43067	T Valve Front Case	S
72	12880	O-Ring*	W
73	12885	O-Ring*	W
74	42751	T Valve Front Piece	S
75	43068	T Valve Lock	S
76	43021	Spring	S
77	12876	O-Ring	W
78	13468	O-Ring	W
79	43069	T Valve Cap	S
80	43007	T Valve Push Rod	S
81	12512	Cylinder	S
82	43008	Control Knob	S
83	43024	Socket Set Screw	S
84	43076	Cap Screw	S
85	43025	Socket Set Screw	S
86	42558	Socket Head Cap Screw	S
87	63493	Socket Head Cap Screw with Flange	S
88	43070	Plug	S
89	43019	O-Ring*	W
90	12856	O-Ring*	W
91	43071	Valve Lower	S
94	43072	Valve Stopper	S
95	43073	R Joint	S
96	43074	R Joint Adapter	S
97	43075	R Joint Spacer	S
98	42256	Mandrel Adapter M6, M8	S
99	14452	O-Ring	W
100	14496	Flat Head Screw	S
101	43115	Motor Case End Plate	S
102	14453	O-Ring*	W
103	43116	M Valve Rod	S
104	43117	Motor Case End	S
105	43118	Washer	S
106	14454	O-Ring	W
107	43119	O-Ring Holder	S
108	14455	O-Ring	W
109	14457	Retaining Ring	S
110	43120	Casing	S

Item	Article	Description	Part Type
111	43121	Ball Bearing	S
112	43122	Rear Plate	S
113	43123	Rotor	S
114	43124	Blade	S
115	43125	Spring Pin	S
116	43126	Cylinder	S
117	43127	Front Plate	S
118	43128	Ball Bearing	S
119	43129	Spacer	S
120	43130	Sun Gear	S
121	43131	Planet Gear	S
122	43132	Needle Pin	S
123	43133	Gear Cage & Gear	S
124	43134	Spacer	S
125	43135	Internal Gear	S
126	43136	Gear Cage	S
127	43137	Spacer	S
128	43138	Ball Bearing	S
129	14458	Retaining Ring	S
130	14459	Retaining Ring	S
133	43139	M Valve End	S
134	43077	Hook	S
135	43078	HS Screw Key 1.5mm	S
136	43079	HS Screw Key 3mm	S
137	13490	HS Screw Key 4mm	S
138	43002	POPNut [®] Mandrel Release	S
139	43001	Spring Lock Washer	S
140	43048	Joint Assembly	S
141	43052	Hydraulic Piston Assembly	S
142	43037	Air Piston Assembly	S
143	43061	S Valve Assembly	S
144	43038	Valve Upper Assembly	S
145	42564	Truss Head Screw	S
146	12517	Fitting	S
149	43009	Air Tube	S
151	43039	Setting Force Control Valve	S
152	12514	Adjuster	S
153	12518	Valve Spring	S
155	12513	Valve	S
156	12891	O-Ring	W
157	12520	Socket Set Screw	S
158	12515	Valve Case	S
200	42758	Air Motor	S

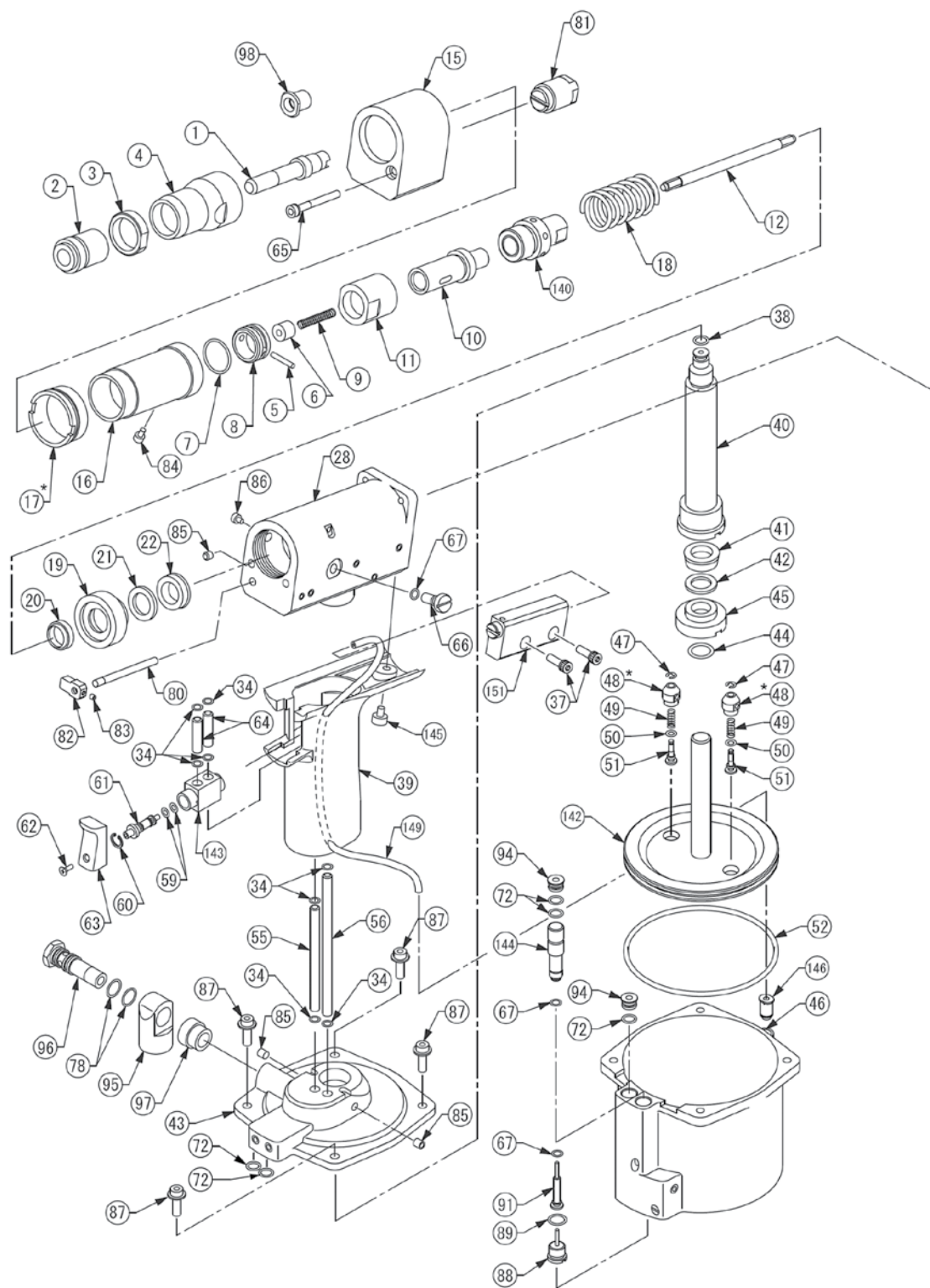
PNT1000L-PC Optional Parts

Article	Description
43026	Socket Head Cap Screw (M4 x 20)
43093	Seal Kit (Spares included marked with *)

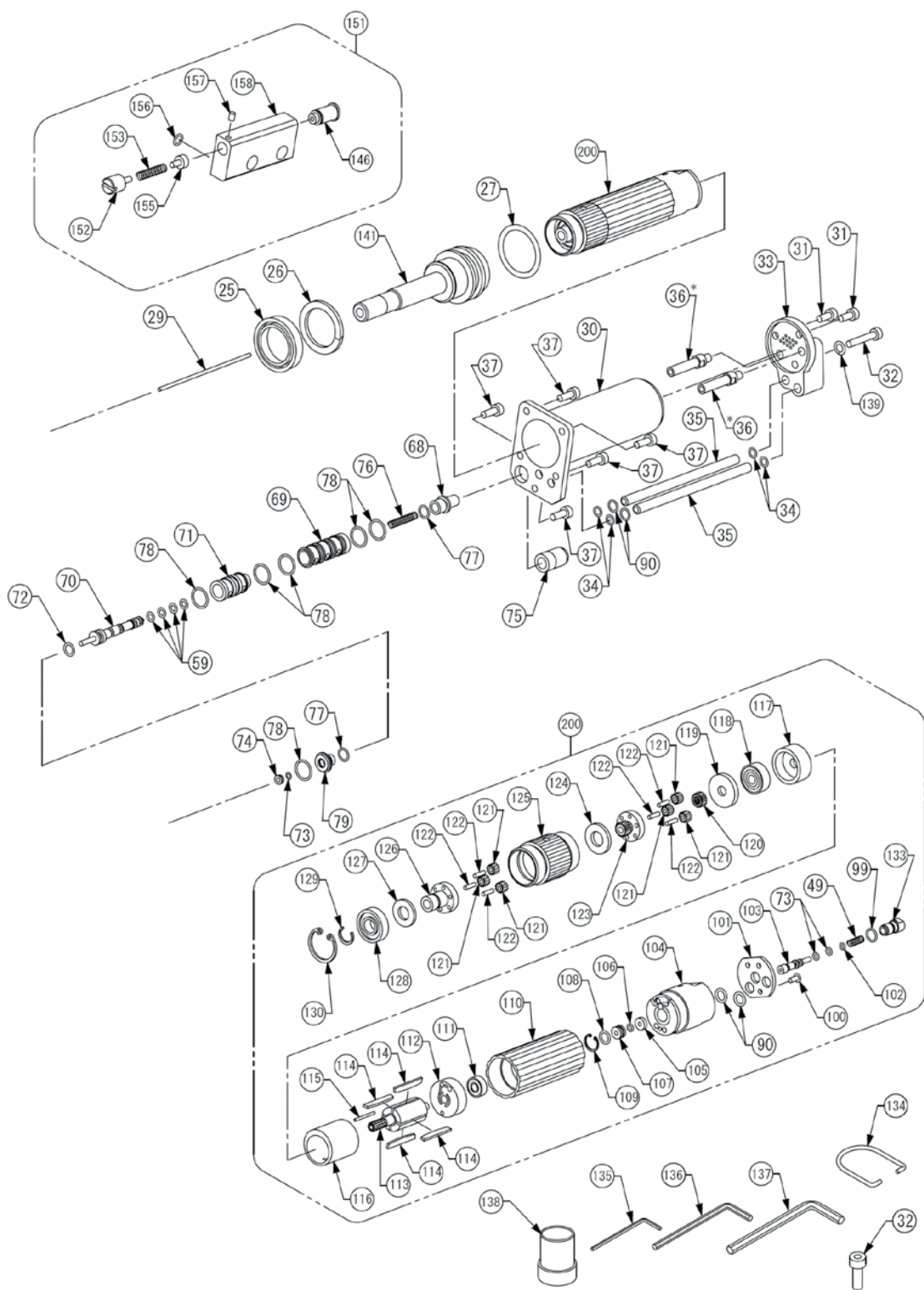
* Included in 43093 Seal Kit
In the Part Type column 'W' indicates a wear part and 'S' indicates a spare part

PNT1000L-PC

Threaded Insert Power Tool



(*) These items require Loctite[®] 242 adhesive



PNT Common Parts

Threaded Insert Power Tools

Article	Description	800A	800L-PC	1000L-PC
12506	POPNut [®] Mandrel Release	●	●	
12507	Chamber	●	●	
12512	Cylinder		●	●
12513	Valve		●	●
12514	Adjuster		●	●
12515	Valve Case		●	●
12517	Fitting		●	●
12518	Valve Spring		●	●
12520	Socket Set Screw		●	●
12521	Socket Head Cap Screw		●	●
12856	O-Ring	●	●	●
12861	Fill Screw	●	●	●
12875	J Valve Cap	●	●	
12876	O-Ring	●	●	●
12877	O-Ring	●	●	
12880	O-Ring	●	●	●
12885	O-Ring	●	●	●
12886	Retaining Ring	●	●	●
12891	O-Ring	●	●	●
13481	O-Ring	●	●	
14451	O-Ring	●	●	
14452	O-Ring	●	●	●
14453	O-Ring	●	●	●
14454	O-Ring	●	●	●
14455	O-Ring	●	●	●
14456	Spring	●	●	●
14457	Retaining Ring	●	●	●
14458	Retaining Ring	●	●	●
14459	Retaining Ring	●	●	●
14496	Flat Head Screw	●	●	●
17510	Rivet Stud Nosepiece M5	●	●	
17511	Rivet Stud Socket M5	●	●	
19400	Return Spring	●	●	
19401	Sleeve Upper	●	●	
19403	Retainer Plate	●	●	
19406	Handle Lower	●	●	
19412	SS-Washer	●	●	
19413	O-Ring	●	●	
19414	J Valve Stopper	●	●	
19415	J Valve Rod	●	●	
19416	Spring	●	●	
19418	T Valve Rear Case	●	●	
19419	Spring	●	●	
19420	T Valve Center Case	●	●	
19421	T Valve Front Case	●	●	
19428	Mandrel M8 (Long - 22mm)	●	●	●
19429	Nosepiece M8 (Long - 22mm)	●	●	
42258	Mandrel M4 (Standard & Thin Wall)	●	●	
42259	Mandrel M5 (Standard & Thin Wall)	●	●	
42260	Mandrel M6 (Standard & Thin Wall)	●	●	●

Article	Description	800A	800L-PC	1000L-PC
42261	Mandrel M8 (Thin Wall)	●	●	●
42262	Mandrel M10 (Thin Wall)	●	●	●
42263	Nosepiece M4 (Thin Wall)	●	●	
42264	Nosepiece M5 (Thin Wall)	●	●	
42265	Nosepiece M6 (Thin Wall)	●	●	
42266	Nosepiece M8 (Thin Wall)	●	●	
42267	Nosepiece M10 (Thin Wall)	●	●	
42524	Mandrel M5 (Long - 22mm)	●	●	
42525	Nosepiece M5 (Long - 22mm)	●	●	
42549	Bit	●	●	
42550	Start Bar	●	●	●
42552	O-Ring	●	●	
42553	Lock Pin Holder	●	●	
42554	Lock Pin	●	●	
42555	O-Ring	●	●	
42556	Lock Pin Pusher	●	●	
42557	Spring	●	●	
42558	Socket Head Cap Screw	●	●	●
42560	Rear Case Tube	●	●	
42563	Joint Adapter	●	●	
42564	Truss Head Screw	●	●	●
42565	O-Ring	●	●	
42567	O-Ring	●	●	
42568	Handle	●	●	
42569	Truss Head Screw	●	●	
42575	Mandrel M8 (Standard)	●	●	●
42576	Mandrel M10 (Standard)	●	●	●
42578	Nosepiece M4 (Standard)	●	●	
42579	Nosepiece M5 (Standard)	●	●	
42580	Nosepiece M6 (Standard)	●	●	
42581	Nosepiece M8 (Standard)	●	●	
42582	Nosepiece M10 (Standard)	●	●	
42583	Lock Nut	●	●	
42584	Nose Housing	●	●	
42585	Spin Pull Head Case	●	●	
42586	Spin Pull Head	●	●	
42587	Mast Housing	●	●	
42588	Joint	●	●	
42590	Housing Lock	●	●	
42591	Hydraulic Piston	●	●	
42592	Rod Seal Case	●	●	
42593	Scraper	●	●	
42594	O-Ring	●	●	
42596	Back Up Ring	●	●	
42597	Penta Seal	●	●	
42598	Piston Seal	●	●	
42599	O-Ring	●	●	
42600	Hexagon Thin Nut	●	●	
42684	R Joint Adapter	●	●	
42686	R Joint Spacer	●	●	

PNT Common Parts

Threaded Insert Power Tools

Article	Description	800A	800L-PC	1000L-PC
42687	R Joint	●	●	
42688	Rear Case	●	●	
42689	Truss Head Screw	●	●	
42690	Handle Upper	●	●	
42700	T Valve End Screw	●	●	
42701	O-Ring	●	●	
42716	Trigger	●	●	●
42717	Flat Head Screw	●	●	●
42718	Joint Tube	●	●	
42719	Assist Plate	●	●	
42729	O-Ring	●	●	
42730	O-Ring	●	●	
42731	Washer	●	●	
42732	Tube Seal Case	●	●	
42749	O-Ring	●	●	
42750	T Valve Cap	●	●	
42751	T Valve Front Piece	●	●	●
42752	T Valve Rod	●	●	
42753	S Valve End	●	●	
42756	S Valve Rod	●	●	
42757	S Valve Case	●	●	
42758	Air Motor	●	●	●
42821	Mandrel M4 (Long - 22mm)	●	●	
42822	Nosepiece M4 (Long - 22mm)	●	●	
42865	Rivet Stud Socket M6	●	●	
42866	Rivet Stud Nosepiece M6	●	●	
42994	Mandrel M6 (Long - 22mm)	●	●	●
42995	Nosepiece M6 (Long - 22mm)	●	●	
43024	Socket Set Screw		●	●
43026	Socket Head Cap Screw	●	●	
43039	Setting Force Control Valve		●	●
43077	Hook	●	●	●
43078	HS Screw Key 1.5mm	●	●	●
43115	Motor Case End Plate	●	●	●
43116	M Valve Rod	●	●	●
43117	Motor End Case	●	●	●
43118	Washer	●	●	●
43119	O-Ring Holder	●	●	●
43120	Casing	●	●	●
43121	Ball Bearing	●	●	●
43122	Rear Plate	●	●	●
43123	Rotor	●	●	●
43124	Blade	●	●	●
43125	Spring Pin	●	●	●
43126	Cylinder	●	●	●
43127	Front Plate	●	●	●
43128	Ball Bearing	●	●	●
43129	Spacer	●	●	●
43130	Sun Gear	●	●	●
43131	Planet Gear	●	●	●

Article	Description	800A	800L-PC	1000L-PC
43132	Needle pin	●	●	●
43133	Gear Cage & Gear	●	●	●
43134	Spacer	●	●	●
43135	Internal Gear	●	●	●
43136	Gear Cage	●	●	●
43137	Spacer	●	●	●
43138	Ball Bearing	●	●	●
43139	M Valve End	●	●	●
TBC	Rivet Stud Socket M8	●	●	
TBC	Rivet Stud Nosepiece M8	●	●	

PNT110

Threaded Insert Hand Tool

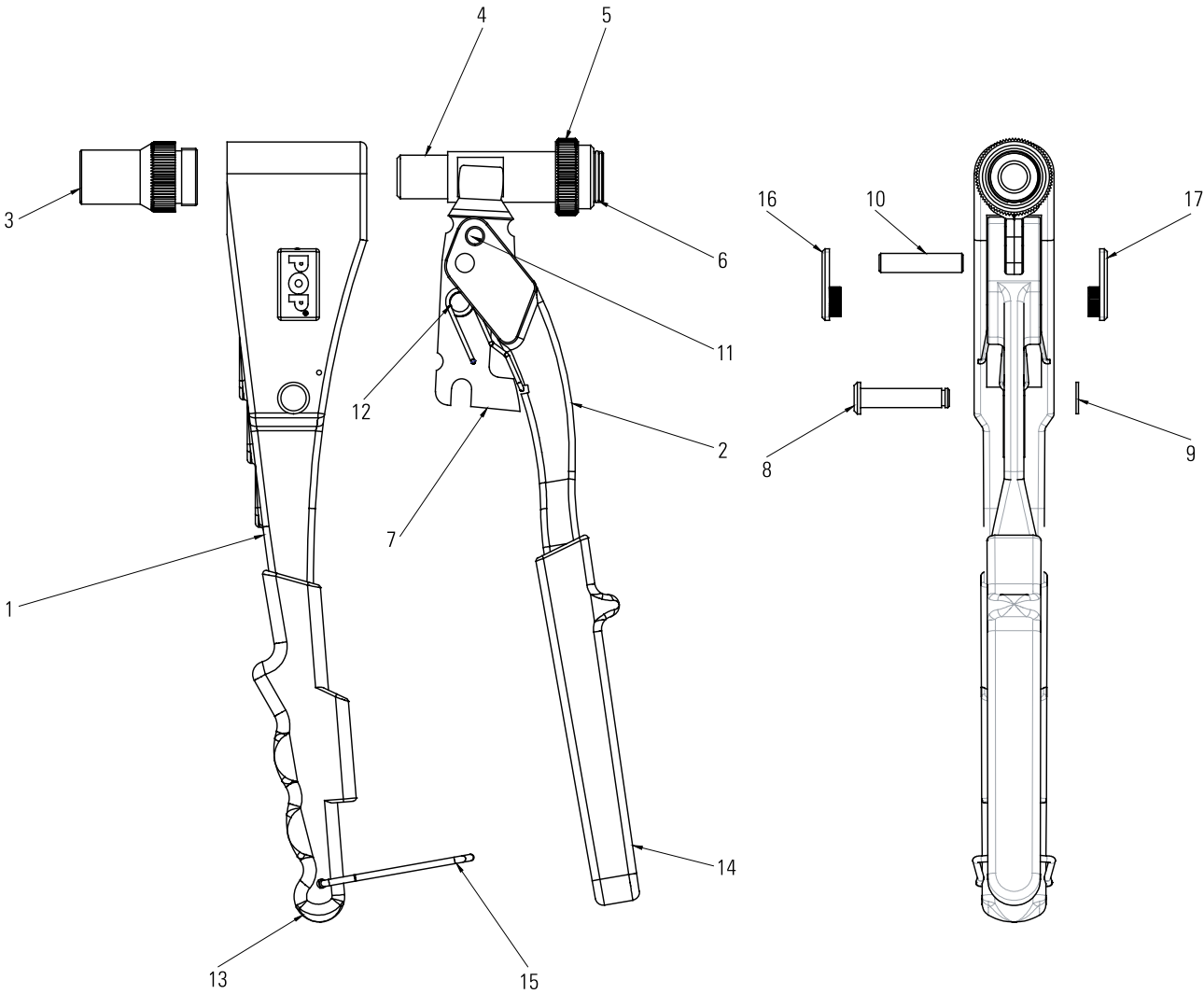


Front End Selection Guide by thread diameter

	Article	Description	Part Type
M3	49542	Nosepiece M3	W
	49538	Mandrel M3	W
M4	49543	Nosepiece M4	W
	49539	Mandrel M4	W
M5	49544	Nosepiece M5	W
	49540	Mandrel M5	W
M6	49545	Nosepiece M6	W
	49541	Mandrel M6	W

PNT110: 43111

Item	Article	Description	Part Type
1	49534	Assembled Body	S
2	12178	Lever	S
3	49535	Nosehousing	S
4	49536	Mandrel Puller	S
5	49537	Stroke Adjuster	S
6	43140	Spring Ring	S
7	12232	Leverplate	S
8	12181	Connector Pin	S
9	12183	Retaining Ring	S
10	43141	Pin	S
11	12182	Pin	S
12	12190	Torsion Spring	S
13	12179	Body Grip	S
14	12180	Lever Grip	S
15	12191	Shackle	S
16	43142	POP® Coverplate	S
17	43143	PNT110 Coverplate	S





PNT210

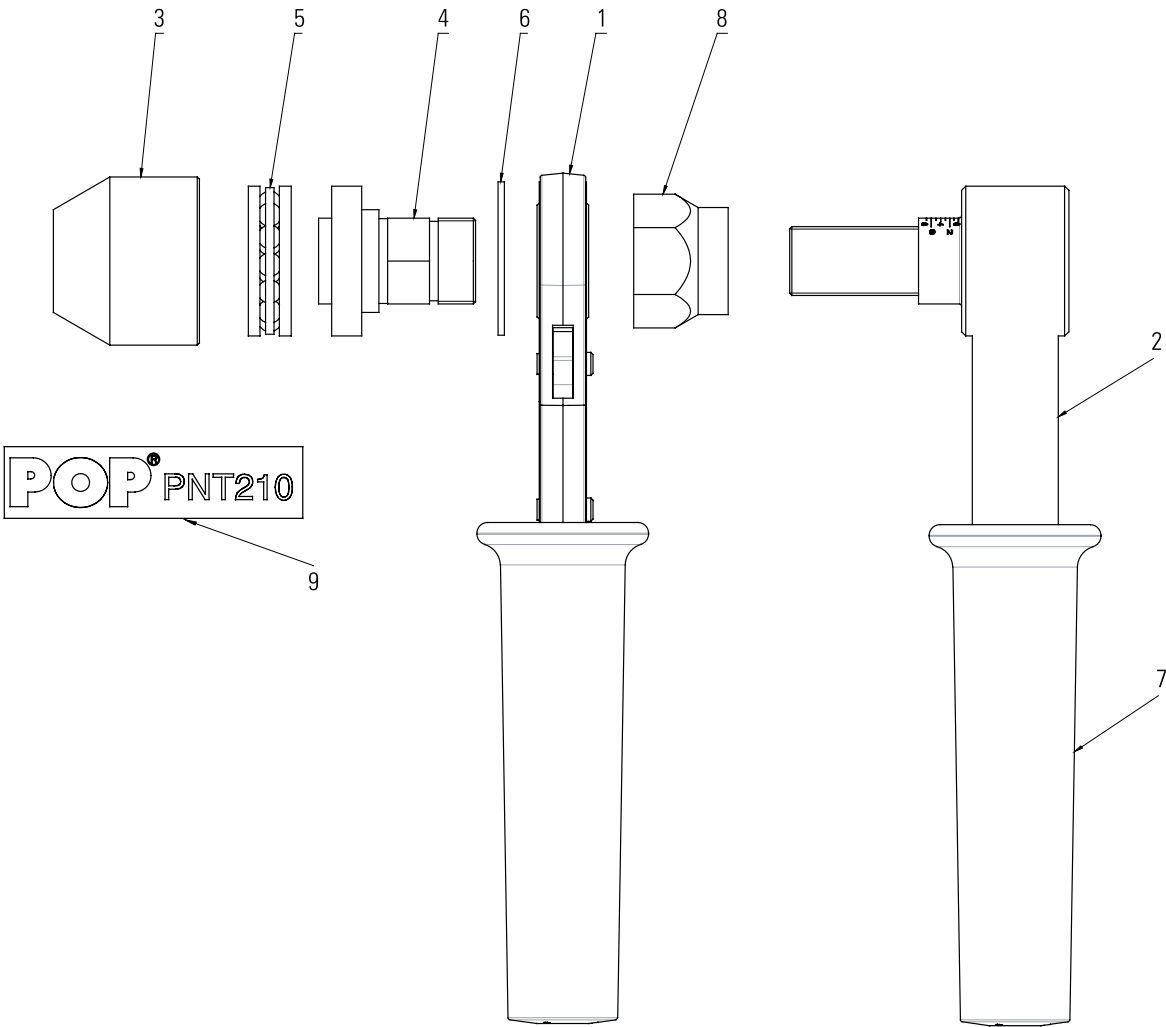
Threaded Insert Ratchet Tool

Front End Selection Guide by thread diameter

	Article	Description	Part Type
M4	49552	Nosepiece M4	W
	49546	Mandrel M4	W
M5	49553	Nosepiece M5	W
	49547	Mandrel M5	W
M6	49554	Nosepiece M6	W
	49548	Mandrel M6	W
M8	49555	Nosepiece M8	W
	49549	Mandrel M8	W
M10	49556	Nosepiece M10	W
	49550	Mandrel M10	W
M12	49557	Nosepiece M12	W
	49551	Mandrel M12	W

PNT210: 43112

Item	Article	Description	Part Type
1	43144	Forward Handle	S
2	43145	Lever	S
3	43146	Anvil Pedestal	S
4	43147	Bearing Bush	S
5	43148	Bearing	S
6	43149	Retaining Ring	S
7	43150	Grips	S
8	43151	Stroke Indicator	S
9	43152	PNT210 Logo Sticker	S



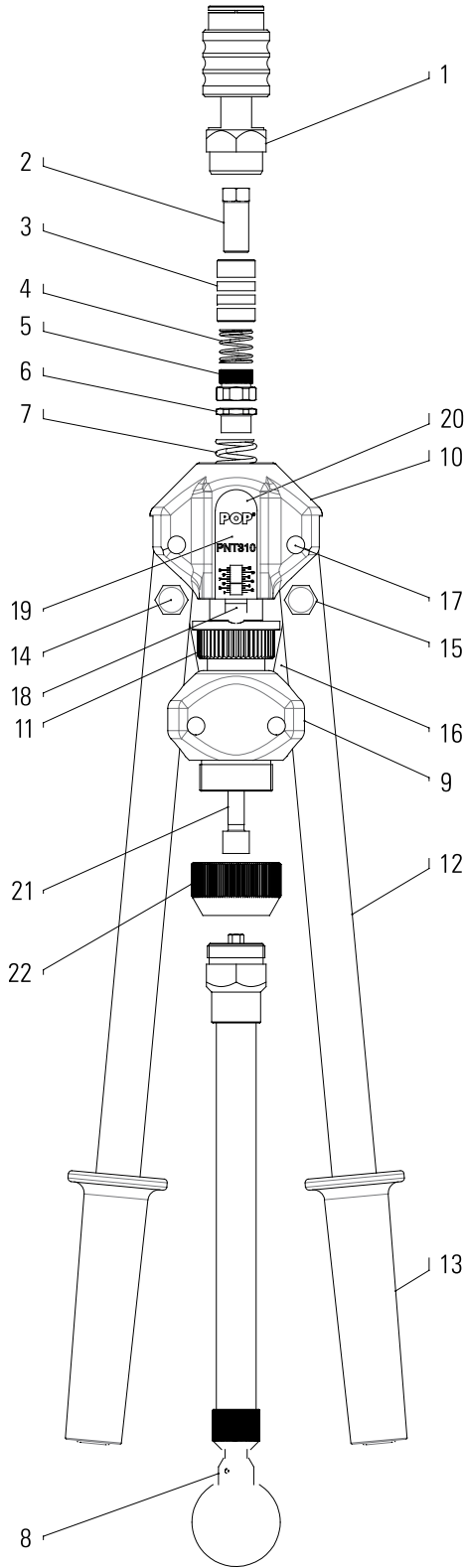
PNT310

Threaded Insert Lever Tool



Front End Selection Guide by thread diameter			
	Article	Description	Part Type
M4	49552	Nosepiece M4	W
	49558	Mandrel M4	W
M5	49553	Nosepiece M5	W
	49559	Mandrel M5	W
M6	49554	Nosepiece M6	W
	49560	Mandrel M6	W
M8	49555	Nosepiece M8	W
	49561	Mandrel M8	W
M10	49556	Nosepiece M10	W
	49562	Mandrel M10	W
M12	49557	Nosepiece M12	W
	49563	Mandrel M12	W

PNT310: 43113			
Item	Article	Description	Part Type
1	43153	Front Sleeve Complete	S
2	43154	Connecting Nut	S
3	43155	Socket Joint	S
4	43156	Spring	S
5	43157	Counter Nut	S
6	43158	Push Nut	S
7	43159	Spring	S
8	43160	Spindle Unit	S
9	43161	Rear Body	S
10	43162	Front Body	S
11	43163	Stroke Adjuster	S
12	12203	Lever	S
13	12199	Grips	S
14	12197	Lever Bolt	S
15	12198	Locknut	S
16	12235	Bracket Set (3 pcs)	S
17	12196	Pivot Pin	S
18	43170	Stroke Indicator	S
19	43171	Spring	S
20	43172	PNT310 Logo Plate	S
21	43173	Joint Shaft	S
22	43174	Spindle Connector	S



PNT410

Threaded Insert Heavy Duty Lever Tool

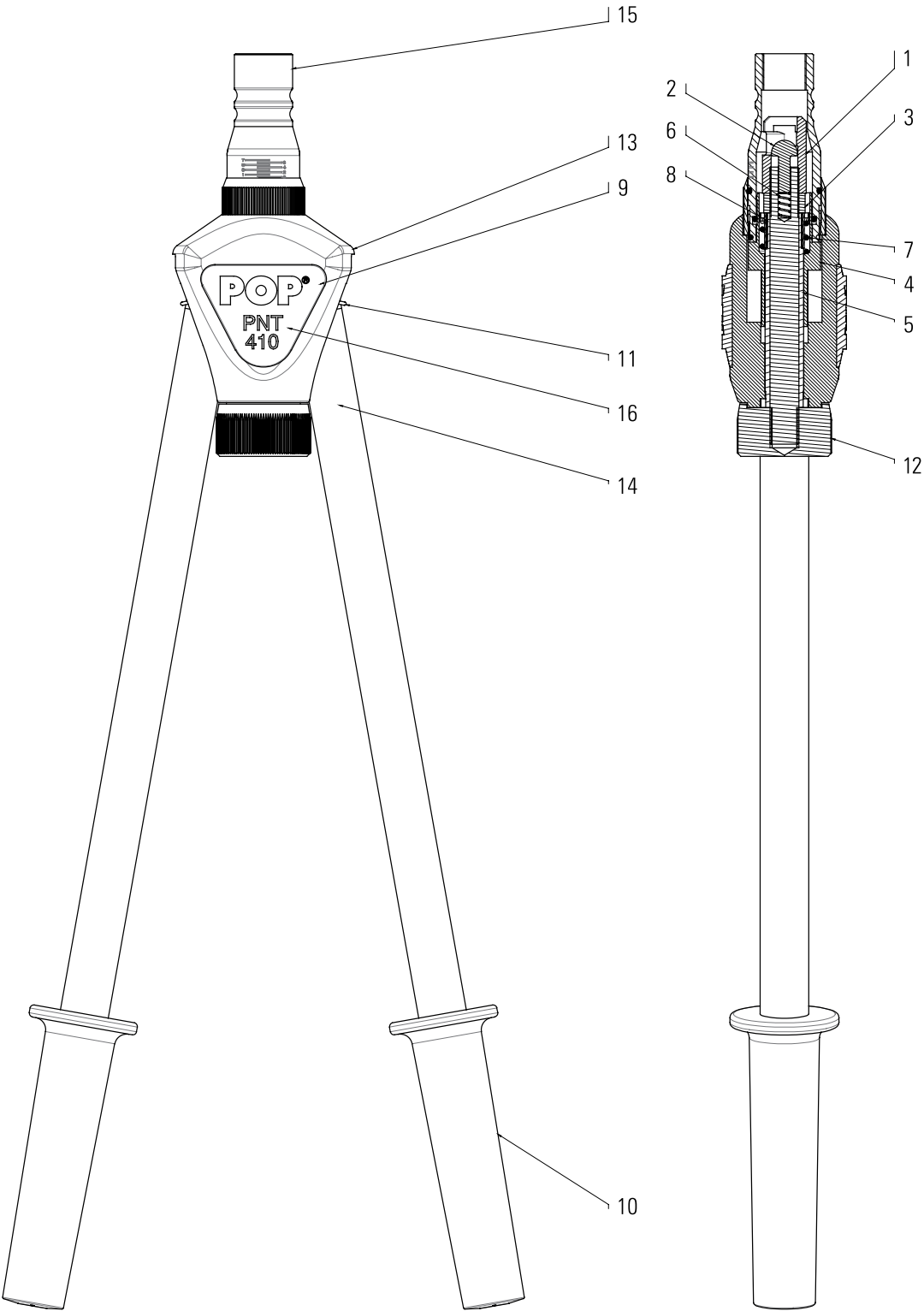


Front End Selection Guide by thread diameter

	Article	Description	Part Type
M5	49553	Nosepiece M5	W
	49564	Mandrel M5	W
M6	49554	Nosepiece M6	W
	49565	Mandrel M6	W
M8	49555	Nosepiece M8	W
	49566	Mandrel M8	W
M10	49556	Nosepiece M10	W
	49567	Mandrel M10	W
M12	49557	Nosepiece M12	W
	49568	Mandrel M12	W

PNT410: 43114

Item	Article	Description	Part Type
1	43175	Q1 Joint Puller	S
2	43176	Mandrel Pusher	S
3	43177	Nut	S
4	43178	Main Pusher	S
5	43179	Body Sleeve	S
6	44098	Spring	S
7	44099	Spring	S
8	46993	Contra Nut Spring	S
9	12196	Pivot Pin	S
10	12199	Grips	S
11	46994	Torsion Spring	S
12	46995	Puller Combination	S
13	46996	Body	S
14	46997	Cam Lever Nickel	S
15	46998	Front Sleeve	S
16	46999	PNT410 Logo Plate	S



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