Cleco®

Parts Manual
SP12-1116
2025-06 | REV.C

NeoTek™

50ESN Series

Corded Electric Assembly Tool



For additional product information visit our website at http://www.ClecoTools.com

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Manufacturer:
Apex Tool Group
670 Industrial Drive
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Importer:
Apex Tool Group GmbH
Industriestraße 1
73463 Westhausen, Germany

For products manufactured in **Germany**

Manufacturer
Apex Tool Group GmbH
Industriestraße 1
73463 Westhausen, Germany

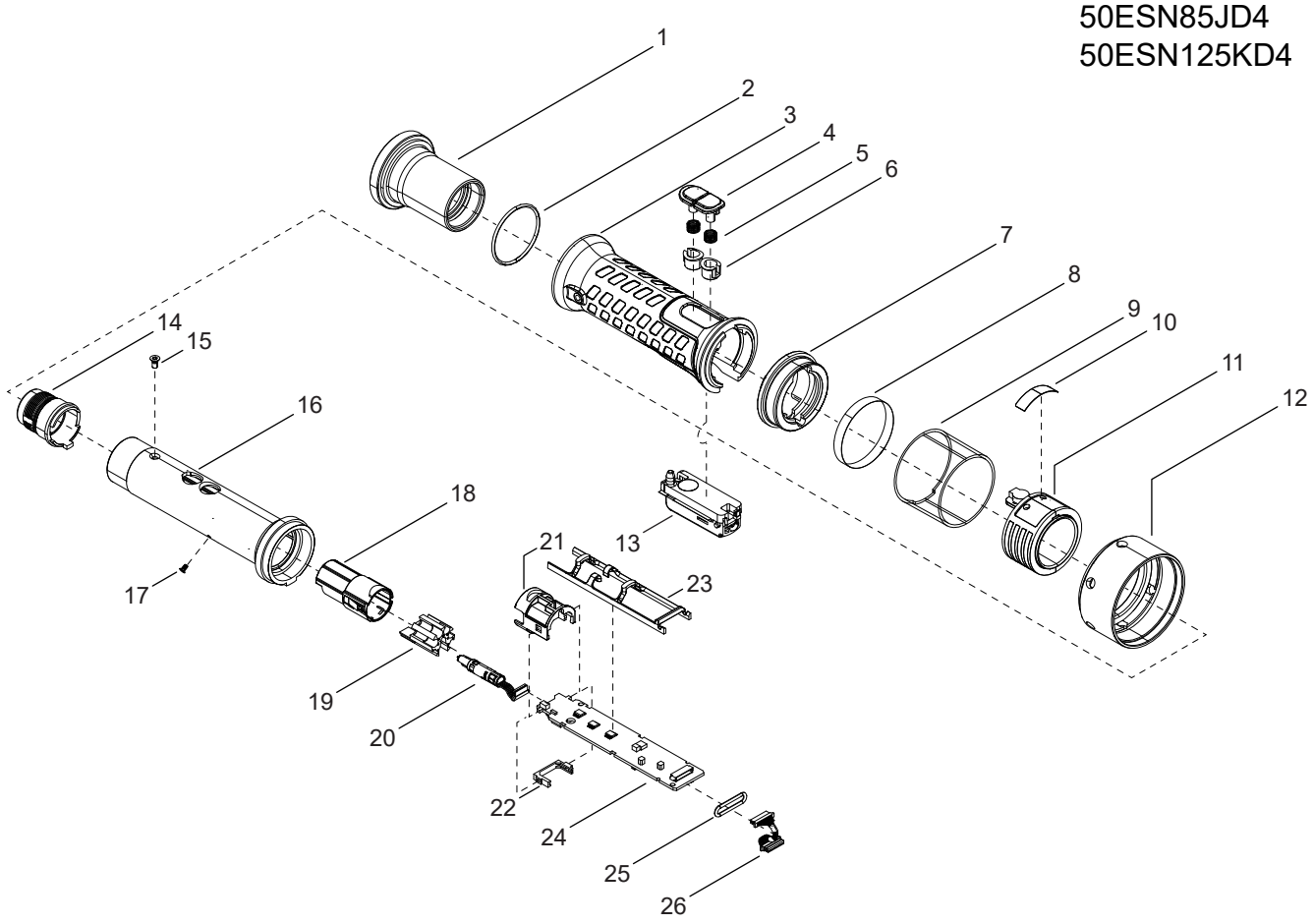
Further Document for Safety Instructions

No.	Document type
TM12-1109	Instruction Manual 30 & 50 & 70 Series NeoTek

Cleco® Production Tools

01

MODELS
50ESN28FD3
50ESN43GD3
50ESN65HD4
50ESN85JD4
50ESN125KD4



# 1	37 Nm
# 12	50.5 Nm
# 15	0.9 Nm
# 17	0.42 Nm

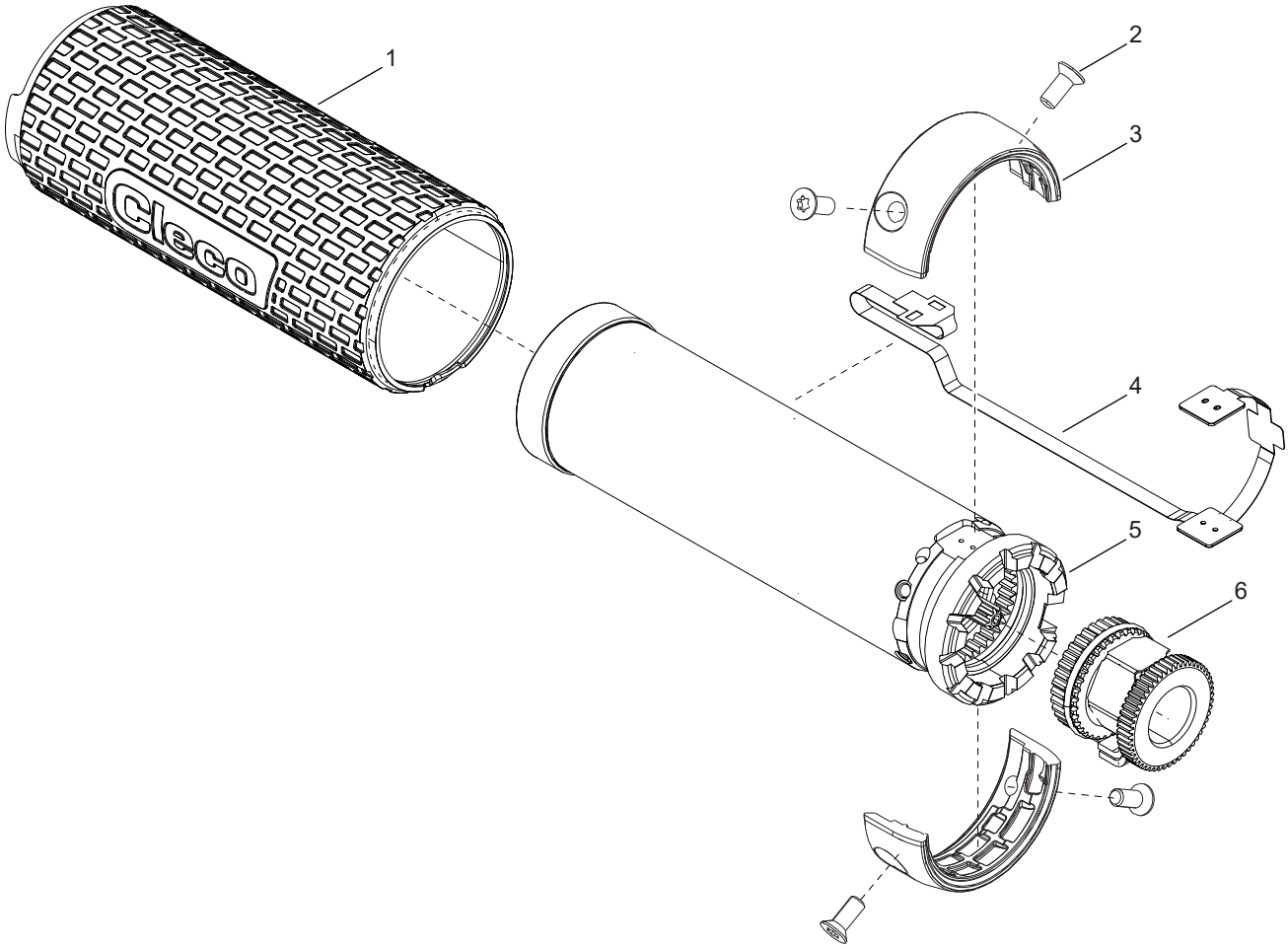
REF	NUMBER	#	EN
			DESCRIPTION
1	208746PT	1	Handle Nut
2	22598	1	O Ring
3	208532PT	1	Handle Grip
4	302085PT	2	Button
5	208002PT	2	Spring
6	207963PT	2	Button Guide
7	207964PT	1	Label Ring
8	944728PT	1	Label
9	207925PT	1	Protective Ring
10	207967PT	1	Label
11	207905PT	1	Light Ring Assembly
12	T50-1102567	1	Handle Nut
13	302086PT	1	Start Switch Assembly
14	961559PT	1	Housing Connector
15	207921PT	1	Screw
16	207903PT	1	Inner Handle
17	207949PT	1	Screw
18	961558PT	1	Connector Body
19	961692PT	1	Contact Carrier
20	961557PT	1	TIM Cable
21	961564PT	1	Circuit Board Holder
22	961575PT	1	Rubber Grommet
23	T50-1000391	1	Wire Guide
24	961668PT	1	TIM Board
25	60371	1	O Ring
26	T55-1000046	1	Encoder Cable

= Quantity

Cleco Production Tools

02

MODELS
50ESN28FD3
50ESN43GD3
50ESN65HD4
50ESN85JD4
50ESN125KD4



#2 1.4 Nm

REF	NUMBER	#	EN
			DESCRIPTION
1	T50-1102557	1	Motor Cover
2	961556PT	1	Flex Cable
3	See Table 1	1	Motor Assembly (Includes 2)
4	See Table 1	1	Transducer
5	T50-1102792	4	Screw
6	See Table 1	2	Accessory Cover

= Quantity

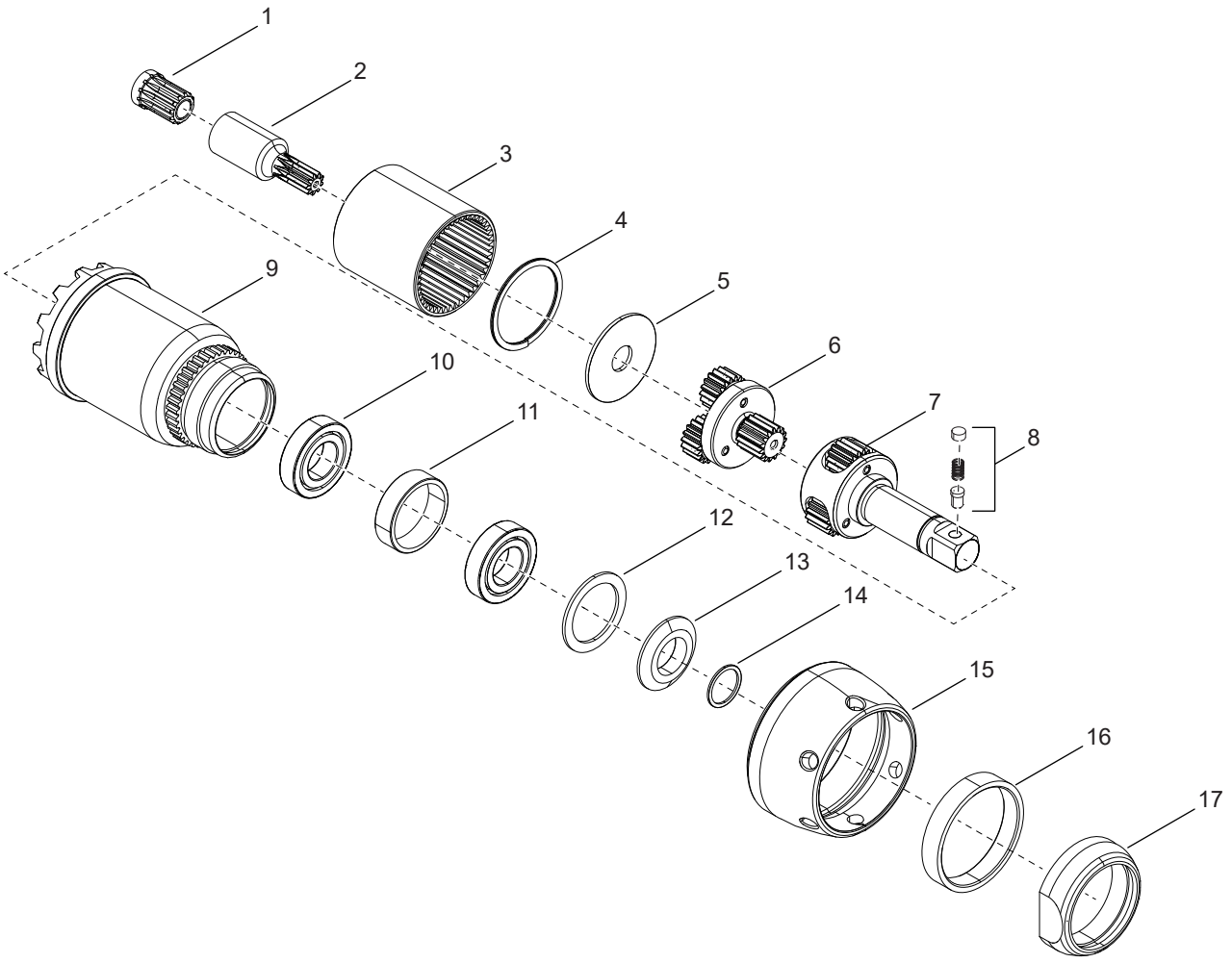
TABLE 1							
REF	DESCRIPTION	#	50ESN28FD3	50ESN43GD3	50ESN65HD4	50ESN85JD4	50ESN125KD4
3	Motor Assembly	1	T50-3102169	T50-3000622	T50-3000622	T50-3000622	T50-3000622
4	Transducer	1	961603PT-026	961604PT-041	961606PT-064	961606PT-082	961606PT-122
6	Accessory Cover	2	T50-1102275	T50-1102568	T50-1102568	T50-1102568	T50-1102568

= Quantity

Cleco Production Tools

03

MODELS
50ESN28FD3



15 67.5 Nm

17

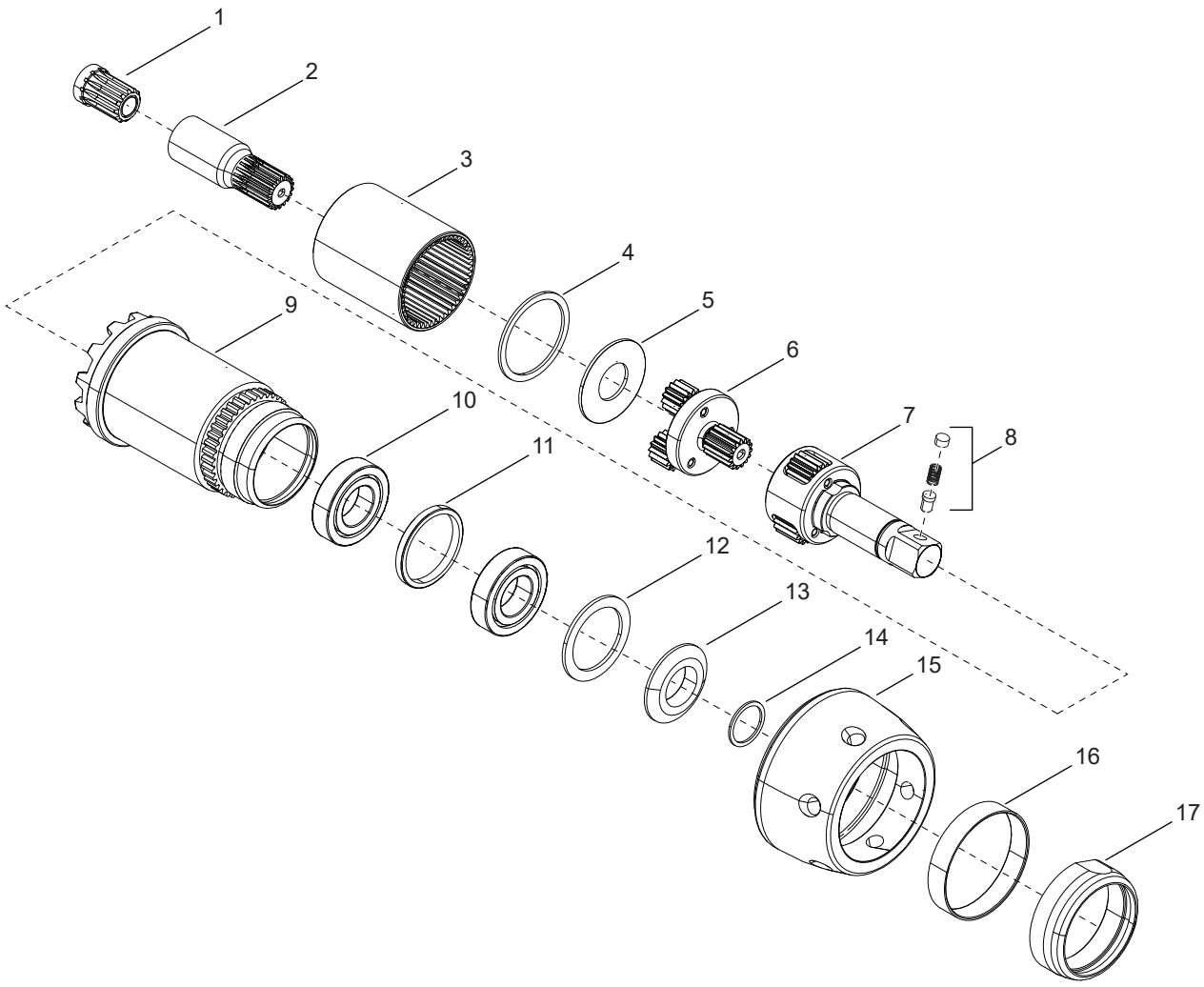
REF	NUMBER	#	EN
			DESCRIPTION
1	541044	1	Pinion Adapter
2	208118PT	1	Pinion Extension
3	208202PT	1	Ring Gear
4	14-111	1	Retaining Ring
5	208129PT	1	Washer
6	T50-3000592	1	Planetary Gear Assembly
7	T50-3000702	1	Planetary Gear Assembly
8	T50-3102217	1	3/8” Pin Retainer Kit (Included with 7)
9	208720PT	1	Gear Case
10	542089	2	Bearing
11	541775	1	Spacer
12	542076	1	Retaining Ring
13	541919	1	Spindle Washer
14	800216	1	Retaining Ring
15	208128PT	1	Lock Nut
16	208721PT	1	Beauty Ring
17	208722PT	1	Retaining Nut

= Quantity

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03

MODELS
50ESN28ED3



15 67.5 Nm

17

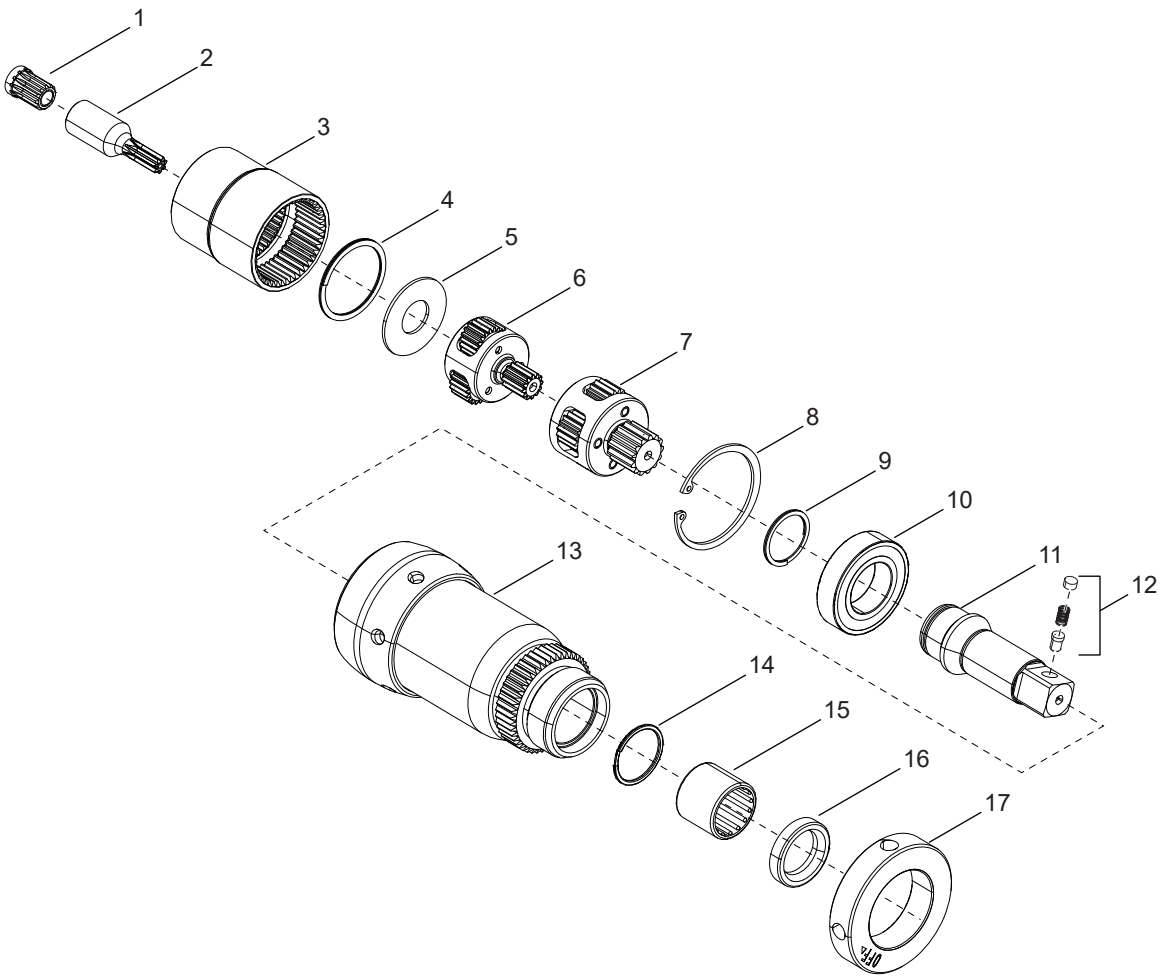
REF	NUMBER	#	EN
			DESCRIPTION
1	541044	1	Pinion Adapter
2	208228PT	1	Pinion Extension
3	208227PT	1	Ring Gear
4	1019500	1	Retaining Ring
5	208231PT	1	Washer
6	T50-3000594	1	Planetary Gear Assembly
7	T50-3000595	1	Planetary Gear Assembly
8	T50-3102217	1	3/8” Pin Retainer Kit (Included with 7)
9	T50-1000145	1	Gear Case
10	542089	2	Bearing
11	542672	1	Spacer
12	542076	1	Retaining Ring
13	541919	1	Spindle Washer
14	800216	1	Retaining Ring
15	208225PT	1	Lock Nut
16	542134	1	Beauty Ring
17	542097	1	Retaining Nut

= Quantity

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05

MODELS
50ESN65HD4



12 67.5 Nm

17 50 Nm

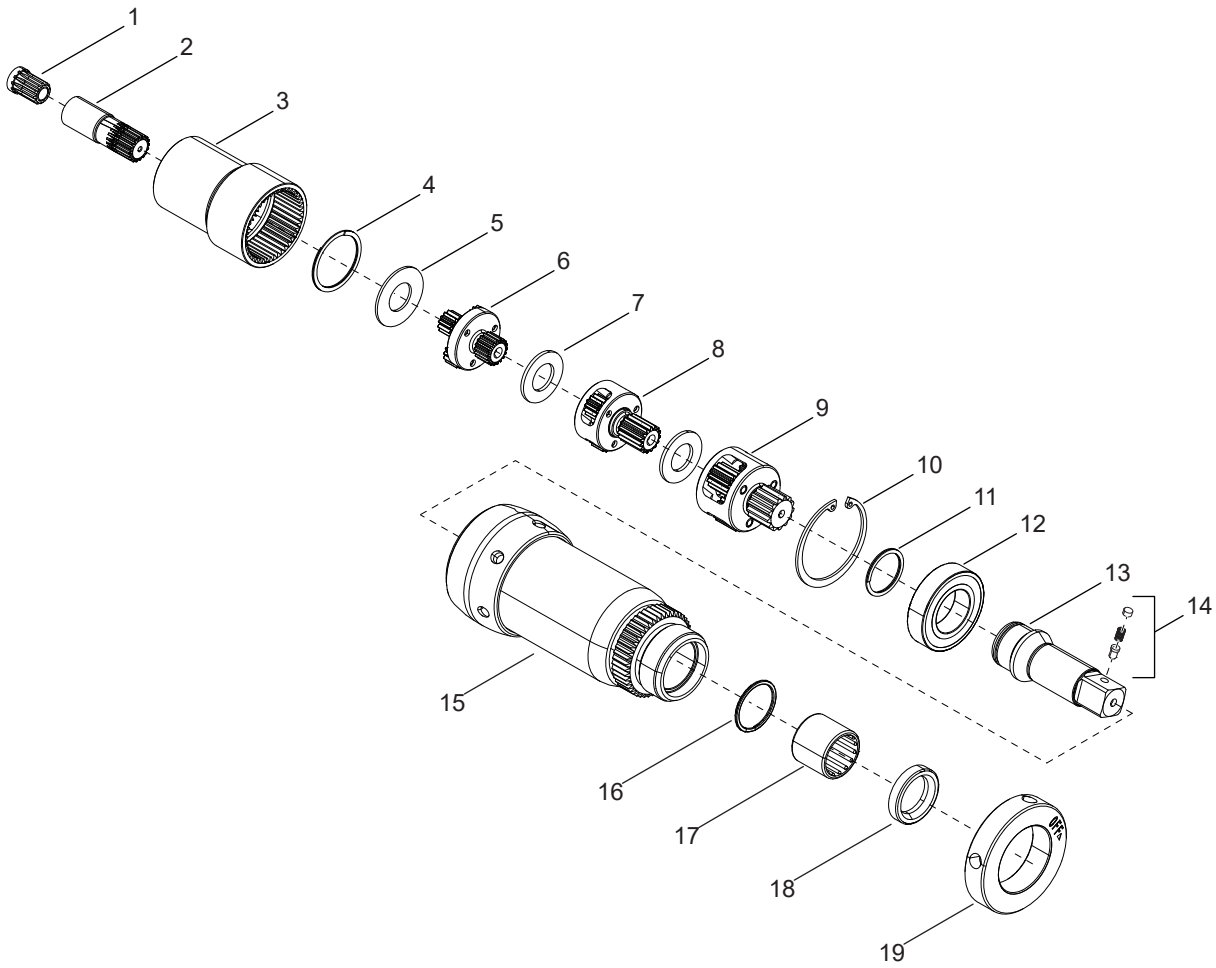
REF	NUMBER	#	EN
			DESCRIPTION
1	541044	1	Pinion Adapter
2	T50-1000187	1	Pinion Extension
3	T50-1000184	1	Ring Gear
4	T50-1000181	1	Retaining Ring
5	T50-1000180	1	Washer
6	T50-3000596	1	Planetary Gear Assembly
7	T50-3000597	1	Planetary Gear Assembly
8	883358	1	Retaining Ring
9	203574	1	Retaining Ring
10	208433PT	1	Bearing
11	T50-3000598	1	Output Spindle
12	T50-3102217	1	3/8” Retainer Pin Kit (Included with 11)
13	T50-3000124	1	Gear Case Assembly
14	623595	1	Retaining Ring
15	203253	1	Bearing
16	93140030	1	Seal
17	11841013PT	1	Nut

= Quantity

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06

MODELS
50ESN85JD4



15 67.5 Nm

19 50 Nm

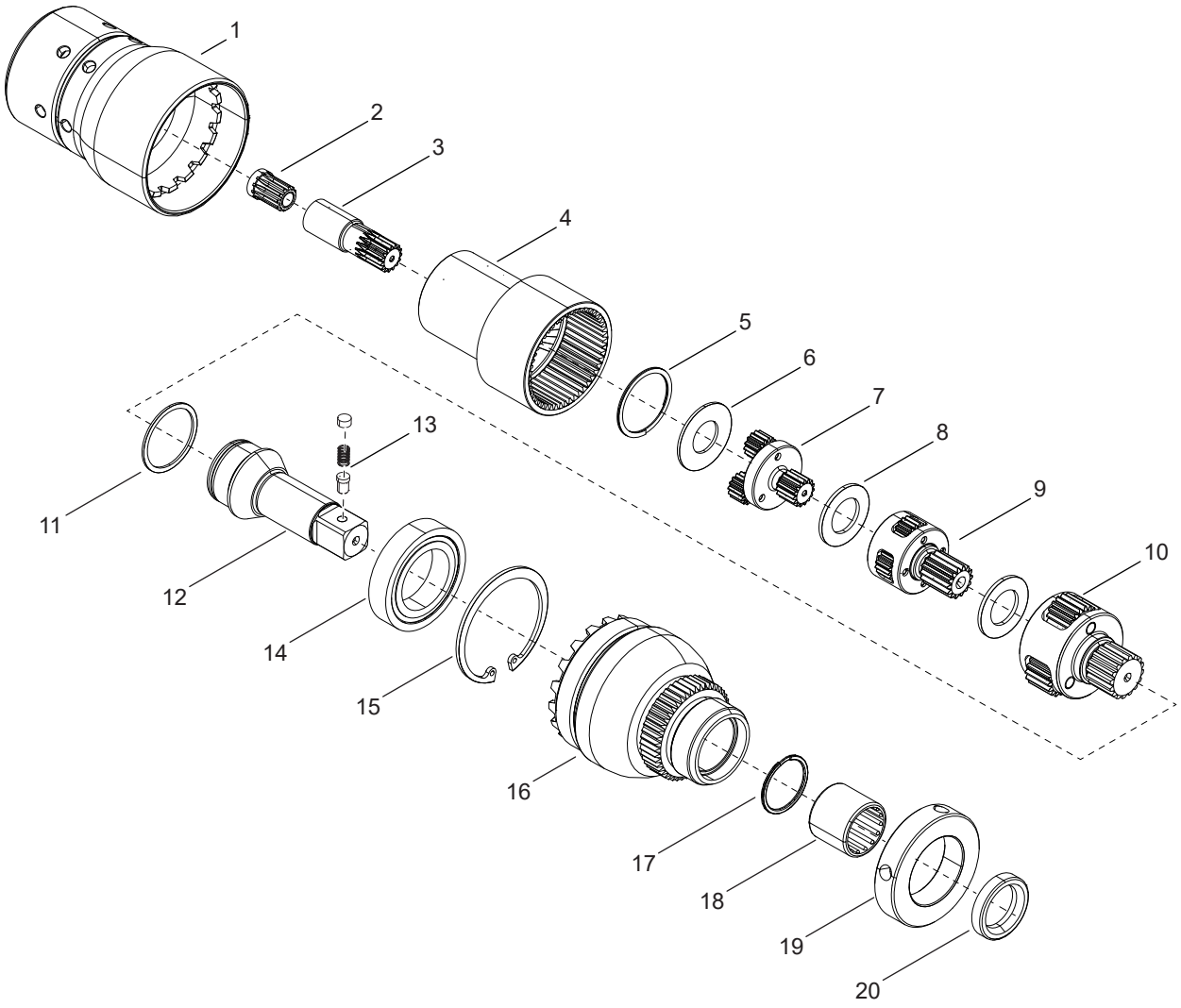
REF	NUMBER	#	EN
			DESCRIPTION
1	541044	1	Pinion Adapter
2	208460PT	1	Pinion Extension
3	208459PT	1	Ring Gear
4	869504	1	Retaining Ring
5	208190PT	1	Washer
6	T50-3000599	1	Planetary Gear Assembly
7	502977	2	Washer
8	T50-3000600	1	Planetary Gear Assembly
9	T50-3000601	1	Planetary Gear Assembly
10	883358	1	Retaining Ring
11	203574PT	1	Retaining Ring
12	208433PT	1	Bearing
13	T50-3000598	1	Spindle Assembly
14	T50-3102218	1	1/2” Pin Retainer (Included with 13)
15	T50-3000125	1	Gear Case Assembly
16	623595	1	Retaining Ring
17	203253	1	Bearing
18	11841013PT	1	Nut
19	93140030	1	Seal

= Quantity

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07

MODEL
50ESN125KD4



1 85 Nm

19 50 Nm

REF	NUMBER	#	EN
			DESCRIPTION
1	T50-3000117	1	Gear Case Assembly
2	541044	1	Pinion Adapter
3	208189PT	1	Pinion Extension
4	208188PT	1	Ring Gear
5	869504	1	Retaining Ring
6	208190PT	1	Washer
7	T50-3000603	1	Planetary Gear Assembly
8	202262	2	Washer
9	T50-3000604	1	Planetary Gear Assembly
10	T50-3000667	1	Planetary Gear Assembly
11	1009530	1	Retaining Ring
12	T50-3102293	1	Spindle Assembly
13	T50-3102218	1	1/2” Pin Retainer Kit (Included with 12)
14	869881	1	Bearing
15	203699	1	Retaining Ring
16	T50-1000202	1	Output Housing
17	623595	1	Retaining Ring
18	203253	1	Bearing
19	11841013PT	1	Nut
20	93140030	1	Seal

= Quantity

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NORTH AMERICA | SOUTH AMERICA

Detroit, Michigan
Apex Tool Group
2630 Superior Court
Auburn Hills, MI 48236
Phone: +1 (248) 393-5644
Fax: +1 (248) 391-6295

Lexington, South Carolina
Apex Tool Group
670 Industrial Drive
Lexington, SC 29072
Phone: +1 (800) 845-5629
Phone: +1 (919) 387-0099
Fax: +1 (803) 358-7681

Mexico
Apex Tool Group
Vialidad El Pueblito #103
Parque Industrial Querétaro
Querétaro, QRO 76220
Mexico
Phone: +52 (442) 211 3800
Fax: +52 (800) 685 5560

Brazil
Apex Tool Group
Av. Liberdade, 4055
Zona Industrial Iporanga
Sorocaba, São Paulo
CEP# 18087-170
Brazil
Phone: +55 15 3238 3870
Fax: +55 15 3238 3938

EUROPE | MIDDLE EAST | AFRICA

Germany
Apex Tool Group GmbH
Industriestraße 1
73463 Westhausen
Germany
Phone: +49 (0) 73 63 81 0
Fax: +49 (0) 73 63 81 222

Hungary
Apex Tool Group
Hungária Kft.
Platánfa u. 2
9027 Györ
Hungary
Phone: +36 96 66 1383
Fax: +36 96 66 1135

ASIA PACIFIC

Australia
Apex Tool Group
519 Nurigong Street, Albury
NSW 2640
Australia
Phone: +61 2 6058 0300

China
Apex Power Tool Trading
(Shanghai) Co., Ltd.
2nd Floor, Area C
177 Bi Bo Road
Pu Dong New Area, Shanghai
China 201203 P.R.C.
Phone: +86 21 60880320
Fax: +86 21 60880298

India
Apex Power Tool India
Private Limited
Gala No. 1, Plot No. 5
S. No. 234, 235 & 245
Indialand Global
Industrial Park
Taluka-Mulsi, Phase I
Hinjawadi, Pune 411057
Maharashtra, India
Phone: +91 020 66761111

Japan
Apex Tool Group Japan
Korin-Kaikan 5F,
3-6-23 Shibakoen, Minato-Ku,
Tokyo 105-0011, JAPAN
Phone: +81-3-6450-1840
Fax: +81-3-6450-1841

Korea
Apex Tool Group Korea
#1503, Hibrand Living Bldg.,
215 Yangjae-dong,
Seocho-gu, Seoul 137-924,
Korea
Phone: +82-2-2155-0250
Fax: +82-2-2155-0252

Cleco®

Apex Tool Group, LLC
Phone: +1 (800) 845-5629
Phone: +1 (919) 387-0099
Fax: +1 (803) 358-7681
www.ClecoTools.com
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