

DOTCO®

45-8445

14CN. . **0.9 HP Pistol Grip Drill**



14 C N X XX - XX

Tool Series

14 - Drill

Motor Style

CN - Trigger Operated, 0.9hp, Pistol Grip

Handle Style

L - Large Handle

Output Speed

90 - 20,000 RPM / min⁻¹	95 - 1,300 RPM / min⁻¹
91 - 5,200 RPM / min⁻¹	97 - 500 RPM / min⁻¹
92 - 3,200 RPM / min⁻¹	98 - 6,000 RPM / min⁻¹

Termination

38 - 1/4" Jacobs Chuck
40 - No Chuck
51 - 3/8" Jacobs Chuck (41BA)
53 - 1/2" Jacobs Chuck (33BA)
& Dead Handle

For additional product information visit our website at www.coopertools.com

CooperTools

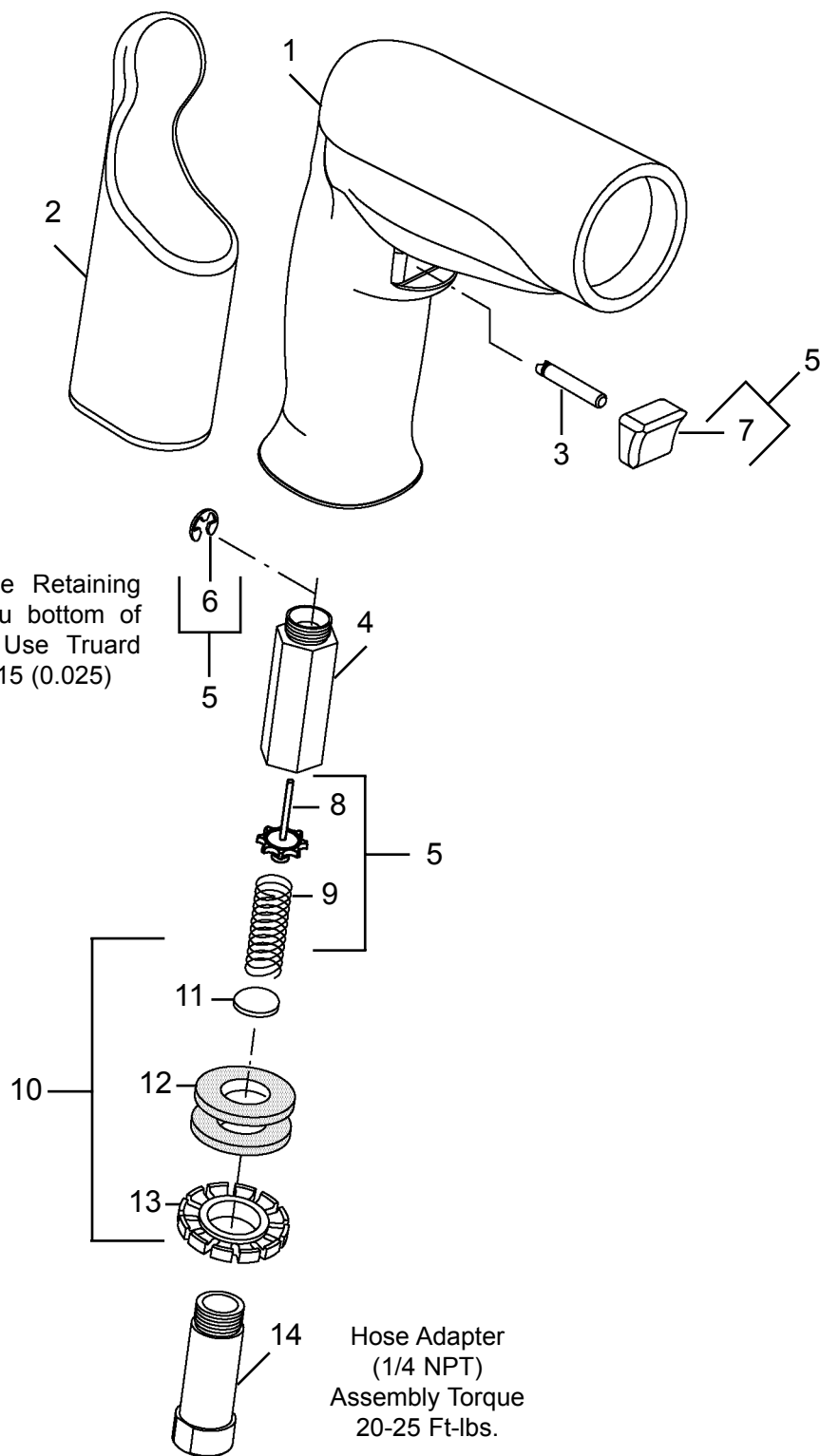
P.O. Box 1410

Lexington, SC 29071-1410

14CNL Series Drills - Large Handle Assembly

"A"

14CNL
Large Handle



14CNL Series Drills - Large Handle Assembly

Illustration "A" - 14CNL Series Drills - Large Handle Assembly

Index	Number	#	●	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	01-2701	1		PG Handle	Toter Griff	Poignée morte	El Asidero muerto	Il Manico morto
2	01-2702	1		Sleeve	Griffhülse	Manchon de poignée	Manguito de la manija	Rivestimento impugnatura
3	1110077	1		Push Rod	Stange	Tige	Varilla	Asta
4	1110052	1		Valve Housing	Gehäuse	Corps	Caja	Corpo
5	04-0001	1	●	Trigger Kit	Satz	Ensemble	Juego	Corredo
6	--	1		Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retención	Anello di fissaggio
7	--	1		Trigger	Drücker	Déclencheur	Gatillo	Grilletto
8	--	1		Tip Valve	Kippventil	Soupape d'extrémité	Válvula de extremo	Valvola di punta
9	--	1		Spring	Druckfeder	Ressort	Resorte	Molla
10	04-0002	1	●	Air Inlet Kit	Satz	Ensemble	Juego	Corredo
11	--	1		Screen	Bildschirm	Ecran	Criba	Schermo
12	--	2		Muffler	Schalldämpfer	Silencieux	Silenciador	Silenziatore
13	--	1		Muffler Diffuser	Schalldämpferdiffuser	Diffuseur de silencieux	Difusor del silenciador	Silenziatore di scarico
14	1110053	1		Hose Adapter	Schlauchadapter	Adaptateur de tuyau	Adaptador de manguera	Adattatore per tubo

(#) Quantity / Stückzahl / Quantité / Cantidad / Quantità

● Recommended Spare Parts / Kennzeichnet empfohlenes / Identifica un particolare di ricambio raccomandato / Designa el repuesto recomendado / Indique la pièce de rechange conseillée

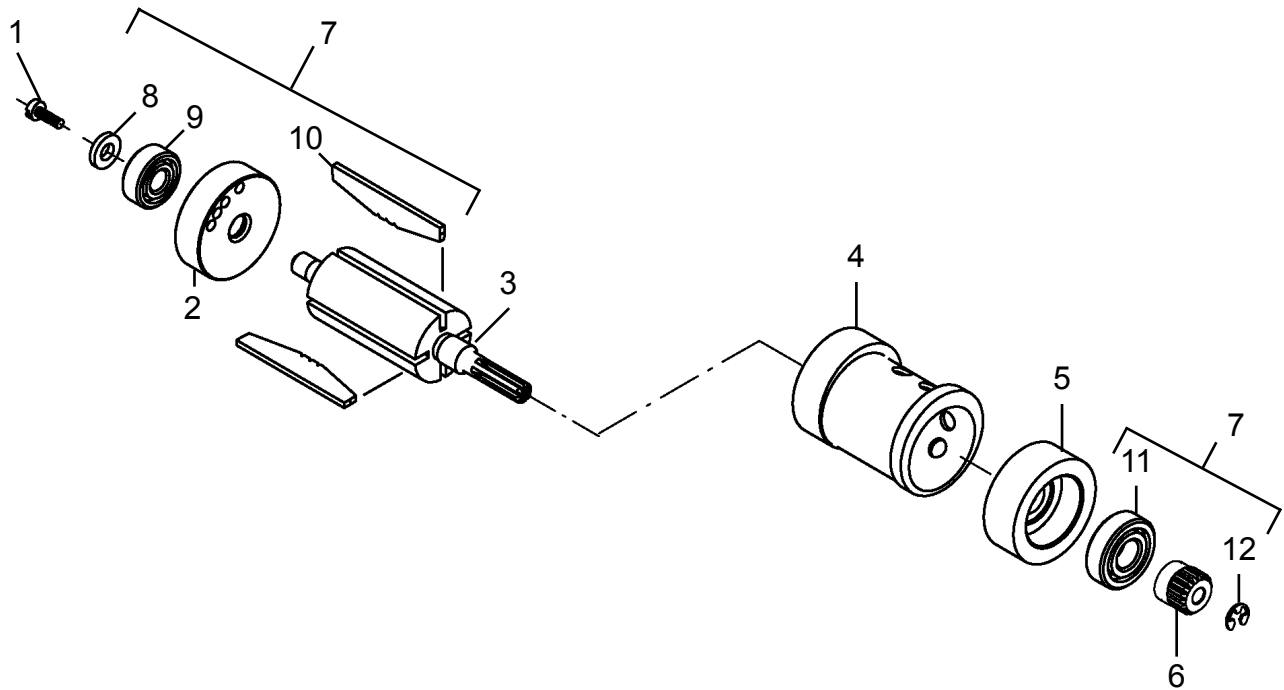
14CNL Series Drill - Motor Assembly

"B"

14CNL

Rotor Blades

1025484 = Package of 100
not assembled in tool.



14CNL Series Drill - Motor Assembly

Illustration "B" - 14CNL Series Drill - Motor Assembly

Index	Number	#	•	EN Description	DE Benennung	FR Designation	ES Description	IT Description
1	1011750	1	•	Screw	Schraube	Vis	Tornillo	Vite
2	1110068	1	•	Rear Plate	Hintere Platte	Plaque arrière	Placa posterior	Piattello posteriore
3	See Table "B"	1	•	Rotor	Rotor	Rotor	El rotor	Il rotore
4	1019667	1	•	Cylinder	Zylinder	Cylindre	Cilindro	Cilindro
5	1008260	1	•	Front Plate	Vorderplatte	Plaque de devanture	Placa frontal	Piattello anteriore
6	See Table "B"	1	•	Detachable Pinion	Pinion	Pignon	Piñón	Il pignone
7	See Table "B"	1	•	Motor Kit	Satz	Ensemble	Juego	Corredo
8	--	1	•	Washer	Scheibe	Rondelle	Arandela	Rondella
9	--	1	•	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
10	--	4	•	Rotor Blade	Rotorblatt	Palette	Alabe del rotor	Paletta del rotore
11	--	1	•	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
12	--	1	•	Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retención	Anello di fissaggio

(#) Quantity / Stückzahl / Quantité / Cantidad / Quantità

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Table "B"

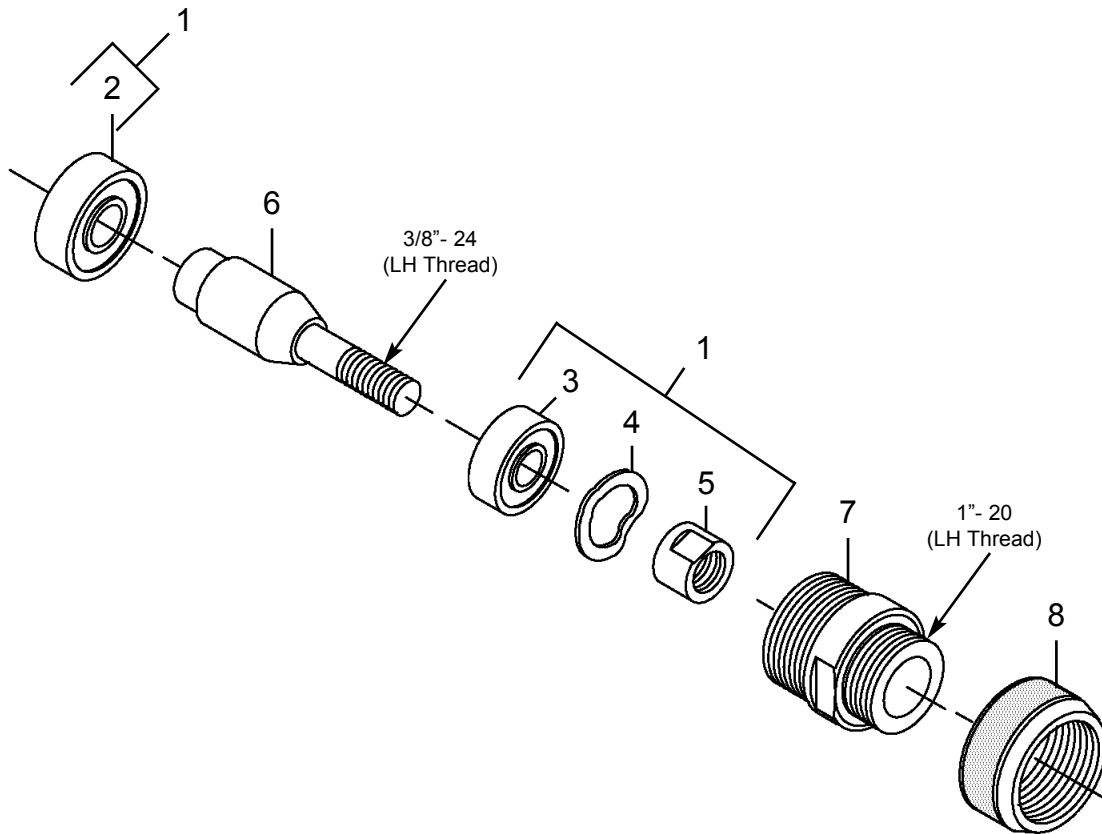
For Speed Code	Index #	Rotor Part Number	Index #	Detachable Pinion Part Number	Index #	Motor Kit	Number Of Teeth (Rotor)
0	3	1110126	---	---	7	04-0005	9T
1, 5	3	1017218	6	1021745	7	04-0006	---
2	3	1017156	---	---	7	04-0005	9T
7	3	1017184	---	---	7	04-0005	5T
8	3	1017218	6	1017625	7	04-0006	---

14CNL Series Drill - Nose Assembly

"C"

20,000 RPM / min⁻¹
Nose Assembly

14CNL90-XX



14CNL Series Drill - Nose Assembly**Illustration "C" - 14CNL Series Drill - Nose Assembly**

Index	Number	#	●	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Description	Description
1	04-0007	1	●	Output Spindle Kit	Satz	Ensemble	Juego	Corredo
2	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
3	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
4	--	1		Wave Washer	Wellenscheibe	Rondelle ondulée	Arandela ondulada	Rondella ondulata
5	--	1		Spindle Nut	Mutter	Ecrou	Tuerca	Dado
6	1110124	1		Spindle	Spindel	Arbre	Husillo	Mandrino
7	1110118	1		Nose	Kopfstück	Tuyère	Tobera	Naso
8	1110050	1		Thread Cover	Deckel	Couvercle	Cubierta	Coperchio

(#) Quantity / Stückzahl / Quantité / Cantidad / Quantità

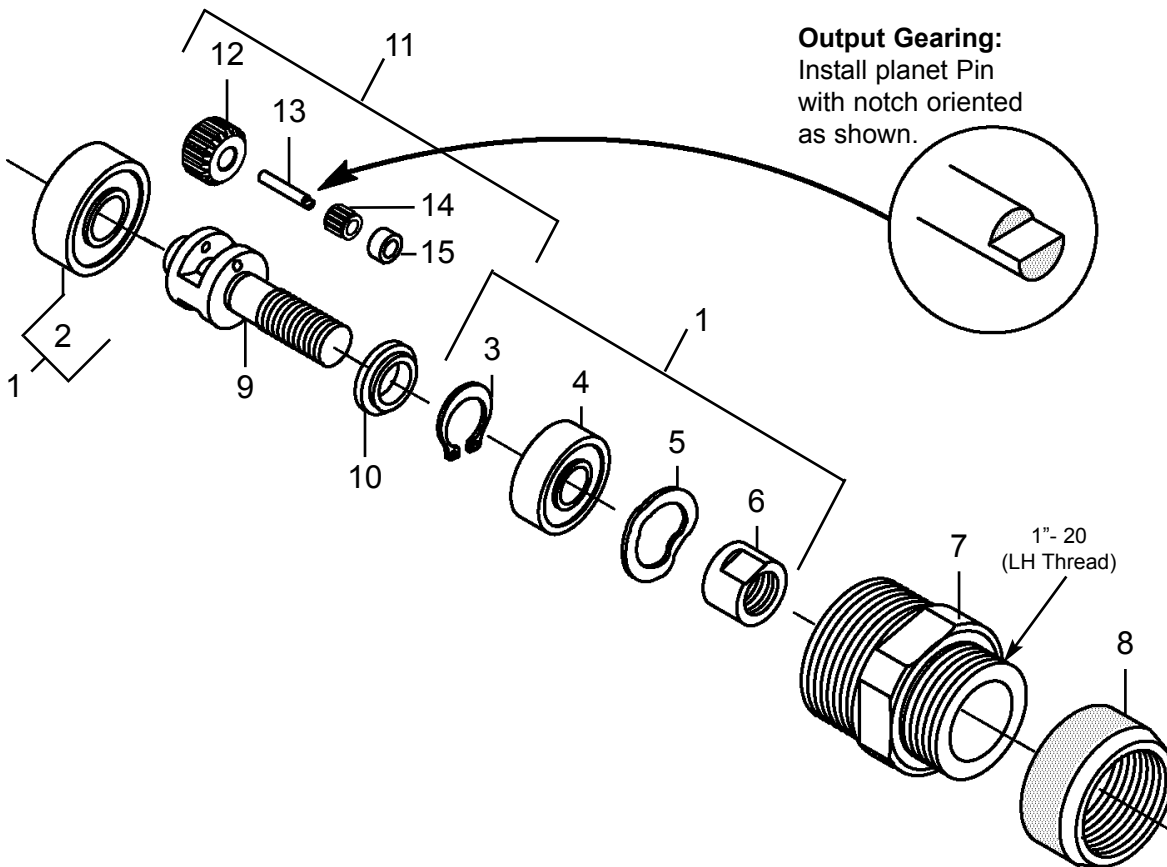
● Recommended Spare Parts / Kennzeichnet empfohlenes / Identifica un particolare di ricambio raccomandato / Designa el repuesto recomendado / Indique la pièce de rechange conseillée

14CNL Series Drill - Gearing Assembly

"D"

5,200 RPM / min⁻¹
3,200 RPM / min⁻¹
Single Stage Gearing

14CNL91-XX
14CNL92-XX



14CNL Series Drill - Gearing Assembly

Illustration "D" - 14CNL Series Drill - Gearing Assembly

Index	Number	#	●	EN	DE	FR	ES	IT
				Description	Benennung	Désignation	Description	Description
1	04-0008	1	●	Output Spindle Kit	Satz	Ensemble	Juego	Corredo
2	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
3	--	1		Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retención	Anello di fissaggio
4	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
5	--	1		Wave Washer	Wellenförmige Unterscheibe	Rondele en onde	Arandela ondulada	Rondella ondulata
6	--	1		Spindle Nut	Mutter	Ecrou	Tuerca	Dado
7	See Table "D"	1		Gear Housing	Getriebegehäuse	Boîte de changement de vitesse	Abajamanto del engranaje	Scatola ingranaggi
8	1110050	1		Thread Cover	Deckel	Couvercle	Cubierta	Coperchio
9	See Table "D"	1		Planet Cage	Planetenradträger	Porte-satellites	Portaengranajes	Corpo planetario
10	See Table "D"	1		Planet Cage Washer	Unterscheibe für den Planetenradträger	Rondele de porte-satellites	Arandela de portador planetario	Rondella gabbia ingranaggio satellite
11	See Table "D"	1	●	Planet Gear Kit	Satz	Ensemble	Juego	Corredo
12	--	2		Planet Gear	Planetengetriebe	Pignon satellite	Pñon satélite	Ingranaggio satellite
13	--	2		Planet Pin	Planetenradzapfen	Goujon à satellite	Pasador de pñon satélite	Spina planetario
14	--	2		Needle bearing	Nadelager	Roulement à aiguilles	Cojinete de agujas	Cuscinetto a aghi
15	--	4		Washer	Scheibe	Rondele	Arandela	Rondella

(#) Quantity / Stückzahl / Quantité / Cantidad / Quantità

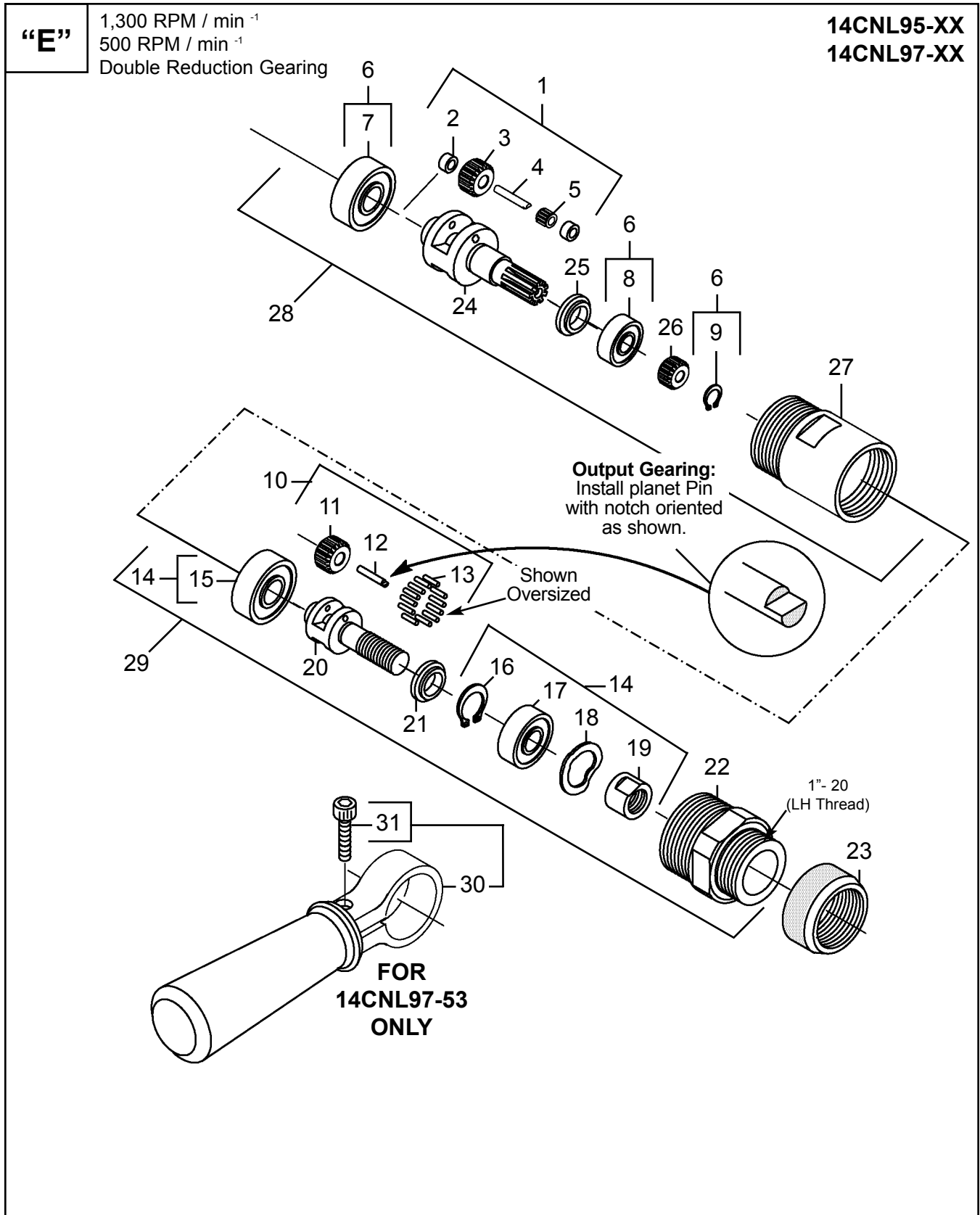
● Recommended Spare Parts / Kennzeichnet empfohlenes / Identifica un particolare di ricambio raccomandato / Designa el repuesto recomendado / Indique la pièce de rechange conseillée

Table "D"

Index #	Model	14CNL91	14CNL92
	RPM	5,200	3,200
	Speed Code	1	2
	Description		
	Complete Gear Assembly	1025933	1025564
10	Planet Cage Washer (Diameter)	1110069 (0.743")	1110070 (0.677")
7	Gear Housing (# of teeth)	1110040 (48T)	1110042 (49T)
9	Planet Cage	1110043	1110044
11	Planet Gear Kit	04-0010	04-0011

(T) Teeth / Zähne / Dents / Dientes / Dente

DOTCO
14CNL Series Drill - Gearing Assembly



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14CNL Series Drill - Gearing Assembly

PL31-14CN
August 10, 2004

Illustration "E" - 14CNL Series Drill - Gearing Assembly

Index	Number	#	•	EN Description	DE Benennung	FR Designation	ES Description	IT Description
1	See Table "E"	1	•	Planet Gear Kit	Satz	Ensemble	Juego	Corredo
2	--	4		Washer	Scheibe	Rondelle	Arandela	Rondella
3	--	2		Planet Gear	Planetengetriebe	Pignon satellite	Pñon satélite	Ingranaggio satellite
4	--	2		Planet Pin	Planetenradzapfen	Goujon à satellite	Pasadorde pñon satélite	Spina planetario
5	--	2		Needle Bearing	Nadellager	Cage à aiguilles	Cojinete de agujas	Cuscinetto a rulli
6	04-0014	1	•	Planet Cage Kit	Satz	Ensemble	Juego	Corredo
7	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
8	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
9	--	1		Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retención	Anello di fissaggio
10	04-0013	1	•	Planet Gear Kit	Satz	Ensemble	Juego	Corredo
11	--	2		Planet Gear	Planetengetriebe	Pignon satellite	Pñon satélite	Ingranaggio satellite
12	--	2		Planet Pin	Planetenradzapfen	Goujon à satellite	Pasadorde pñon satélite	Spina planetario
13	--	22		Planet Roller	Planetenradrolle	Rouleau à satellite	Rodillo satélite	Rullo persatellite
14	04-0008	1	•	Output Spindle Kit	Satz	Ensemble	Juego	Corredo
15	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
16	--	1		Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retención	Anello di fissaggio
17	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
18	--	1		Wave Washer	Wellenförmige Unterscheibe	Rondelle en onde	Arandela ondulada	Rondella ondulata
19	--	1		Spindle Nut	Mutter	Ecrou	Tuerca	Dado
20	1110043	1		Planet Cage	Planetenradträger	Porte-satellites	Portaengranajes	Corpo planetario
21	1110069	1		Planet Cage Washer	Unterscheibe für den Planetenradträger	Rondelle de porte-satellites	Arandela de portador planetario	Rondella gabbia ingranaggio satellite
22	1110040	1		Gear Housing	Getriebegehäuse	Boîte de changement de vitesse	Abjamiento del engranaje	Scatola ingranaggi
23	1110050	1		Thread Cover	Deckel	Couvercle	Cubierta	Coperchio
24	See Table "E"	1		Planet Cage	Planetenradträger	Porte-satellites	Portaengranajes	Corpo planetario
25	See Table "E"	1		Planet Cage Washer	Unterscheibe für den Planetenradträger	Rondelle de porte-satellites	Arandela de portador planetario	Rondella gabbia ingranaggio satellite
26	1017856	1		Detachable Pinion	Pinion	Pignon	Piñón	Il pignone
27	See Table "E"	1		Gear Housing	Getriebegehäuse	Boîte de changement de vitesse	Abjamiento del engranaje	Scatola ingranaggi
28	See Table "E"	1		Primary Gear Assembly	Stellen Sie Versammlung ein	Assemblée d'engrenage	La Asamblea engranada	Il Montaggio di ingranaggio
29	1025559	1		Output Gear Assembly	Stellen Sie Versammlung ein	Assemblée d'engrenage	La Asamblea engranada	Il Montaggio di ingranaggio
30	1023972			Dead Handle	Toter Griff	Poignée morte	El Asidero muerto	Il Manico morto
31	541802			Cap Screw	Kopfschraube	Vis de chapeau	Tornillo de casquete	Vite a testa cilindrica

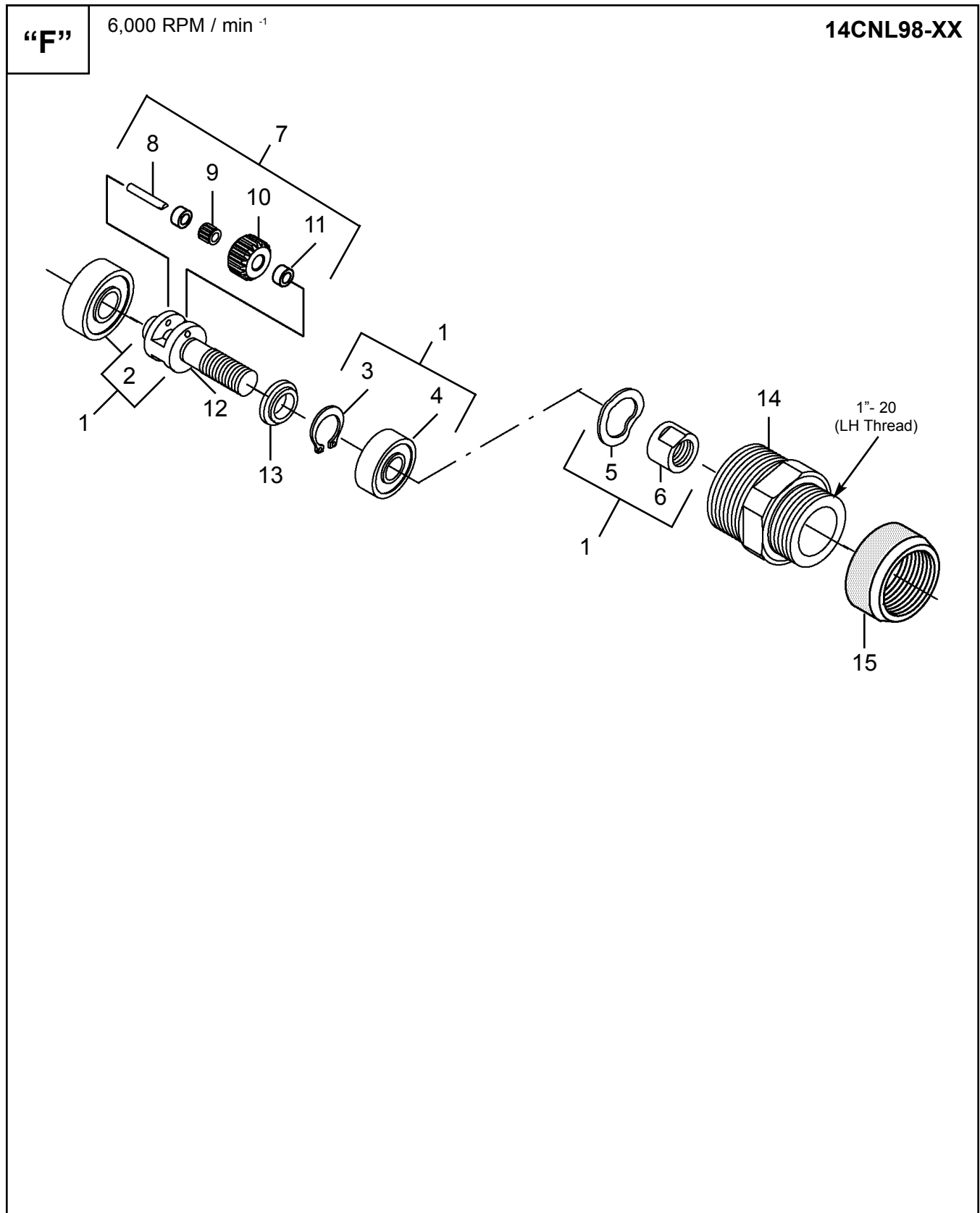
(#) Quantity / Stückzahl / Quantité / Cantidad / Quantità

Table "E"

Index #	Model	14CNL95	14CNL97
	Speed Code	5	7
	Description		
1	Planet Gear Kit	04-0010	04-0012
28	Primary Gear Assembly	1025583	1025605
24	Planet Cage	1017842	1110141
25	Planet Cage Washer	1017051	1110138
27	Gear Housing	1008955	1008956

(T) Teeth / Zähne / Dents / Dientes / Dente

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14CNL Series Drill - Gearing Assembly



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14CNL Series Drill - Gearing Assembly

PL31-14CN
August 10, 2004

Illustration "F" - 14CNL Series Drill - Gearing Assembly

Index	Number	#	•	EN Description	DE Benennung	FR Designation	ES Description	IT Description
1	04-0009	1	•	Output Spindle Kit	Satz	Ensemble	Juego	Corredo
2	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
3	--	1		Retaining Ring	Sicherungsring	Anneau de fixation	Anillo de retención	Anello di fissaggio
4	--	1		Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
5	--	1		Wave Washer	Wellenformige Unterscheibe	Rondelle en onde	Arandela ondulada	Rondella ondulata
6	--	1		Spindle Nut	Mutter	Ecrou	Tuerca	Dado
7	04-0015	1	•	Planet Gear Kit	Satz	Ensemble	Juego	Corredo
8	--	2		Planet Pin	Planetenradzapfen	Goujon à satellite	Pasador de piñon satélite	Spina planetario
9	--	2		Needle Bearing	Nadellager	Cage à aiguilles	Cojinete de agujas	Cuscinetto a rulli
10	--	2		Planet Gear	Planetengetriebe	Pignon satellite	Piñon satélite	Ingranaggio satellite
11	--	4		Washer	Scheibe	Rondelle	Arandela	Rondella
12	1110091	1		Planet Cage	Planetenradträger	Porte-satellites	Portaengranajes	Corpo planetario
13	1110094	1		Washer	Scheibe	Rondelle	Arandela	Rondella
14	1110042	1		Gear Housing	Getriebegehäuse	Boîte de changement de vitesse	Abajamiento del engranaje	Scatola ingranaggi
15	1110050	1		Thread Cover	Deckel	Couvercle	Cubierta	Coperchio

(#) Quantity / Stückzahl / Quantité / Cantidad / Quantità

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Tool Termination Numbers (-XX)

The 14CN series tool model numbers are not complete without your choice of a drill chuck (or **no** chuck). This is the termination number built into the model number which must be selected before a tool can be ordered.

(-XX)

Tools Termination Number	Chuck Part Number	Chuck Capacity	Thread Mount	Chuck Type	Includes Chuck Key Part #	External Chuck Sleeve
38	1005078	0 - 1/4"	3/8" - 24	1 BA	1005079	Smooth
40	No Chuck	N/A	3/8" - 24	N/A	N/A	N/A
51	1001252	0 - 3/8"	3/8" - 24	31 BA	1006375	Smooth
53	1009726	5/64" - 1/2"	3/8" - 24	33BA	1005022	Fluted



CooperTools

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