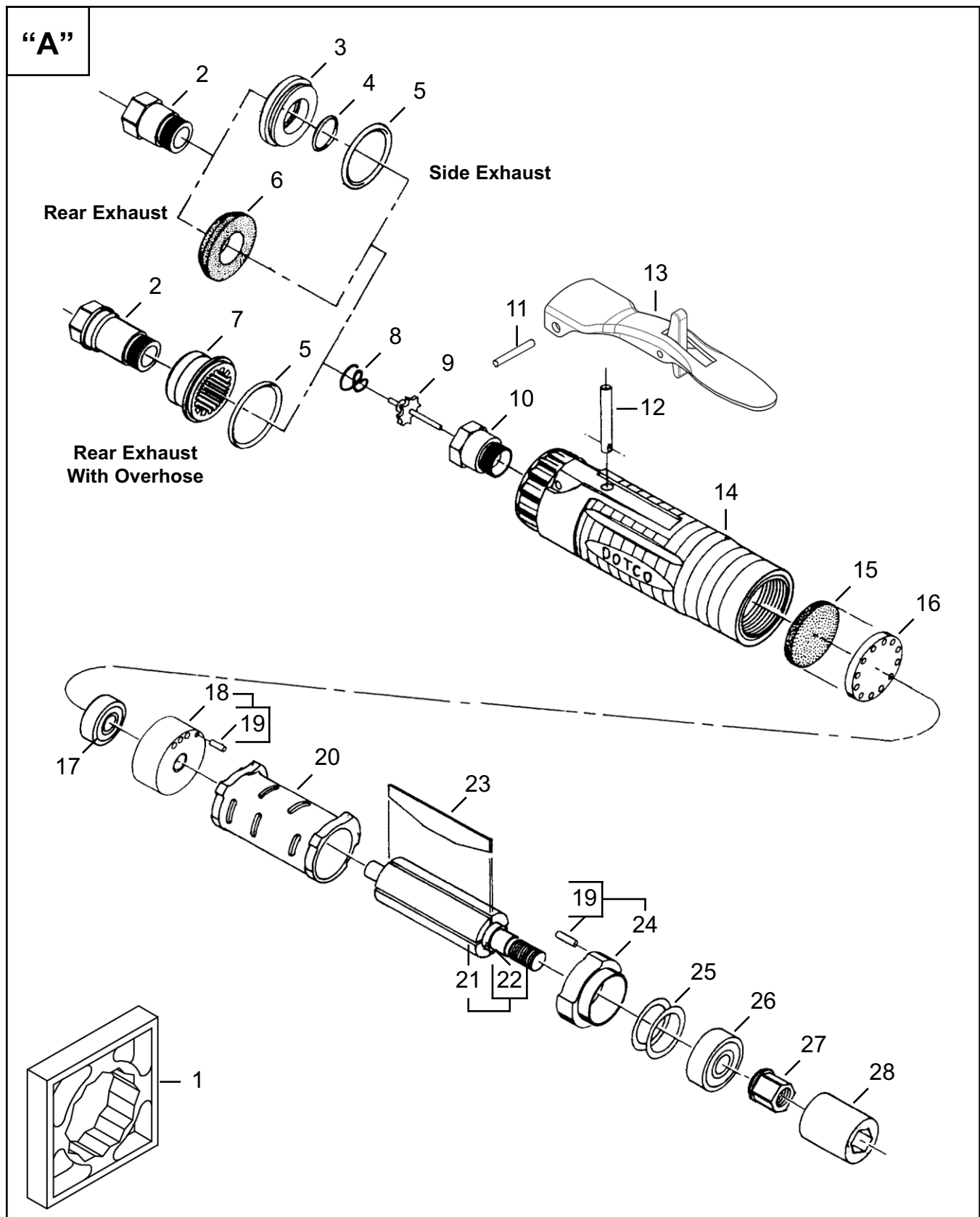




	12	X	2	7	XX	-	XX	XX	OH
Tool Series	12 = Ergo Grinder/Sander								
Throttle Type									
	L = Locking Lever								
	S = Locking Lever								
Motor Size	2 = 0.9 Horsepower								
Handle Style									
	7 = Right Angle								
Speed Options (RPM)									
	Side Exhaust		Rear Exhaust						
	36 = 13,500		76 = 13,500						
	37 = 12,000		77 = 12,000						
	38 = 14,500		78 = 14,500						
Termination Code									
	27 = 3" Type 1 Cut-Off Wheel		45 = Universal Collet (short)						
	28 = 4" Type 1 Cut-Off Wheel		83 = 3" Depressed Center Wheel						
	32 = 1/4"-28 Internal Thread Spindle		84 = 4" Depressed Center Wheel						
	36 = 300 Series Collet (3 piece)								
Optional Collet (no extra cost)									
	08 = 1/8"		20 = 5/16"						
	10 = 5/32"		22 = 11/32"						
	12 = 3/16"		24 = 3/8"						
	14 = 7/32"		M6 = 6mm						
	18 = 9/32"		M8 = 8mm						
Overhose Option (extra cost)									
	OH = Overhose (rear exhaust models)								

Handle and Motor Assembly



Handle and Motor Assembly

Illustration, Abbildung, Illustration, Ilustración, Illustrazione "A"

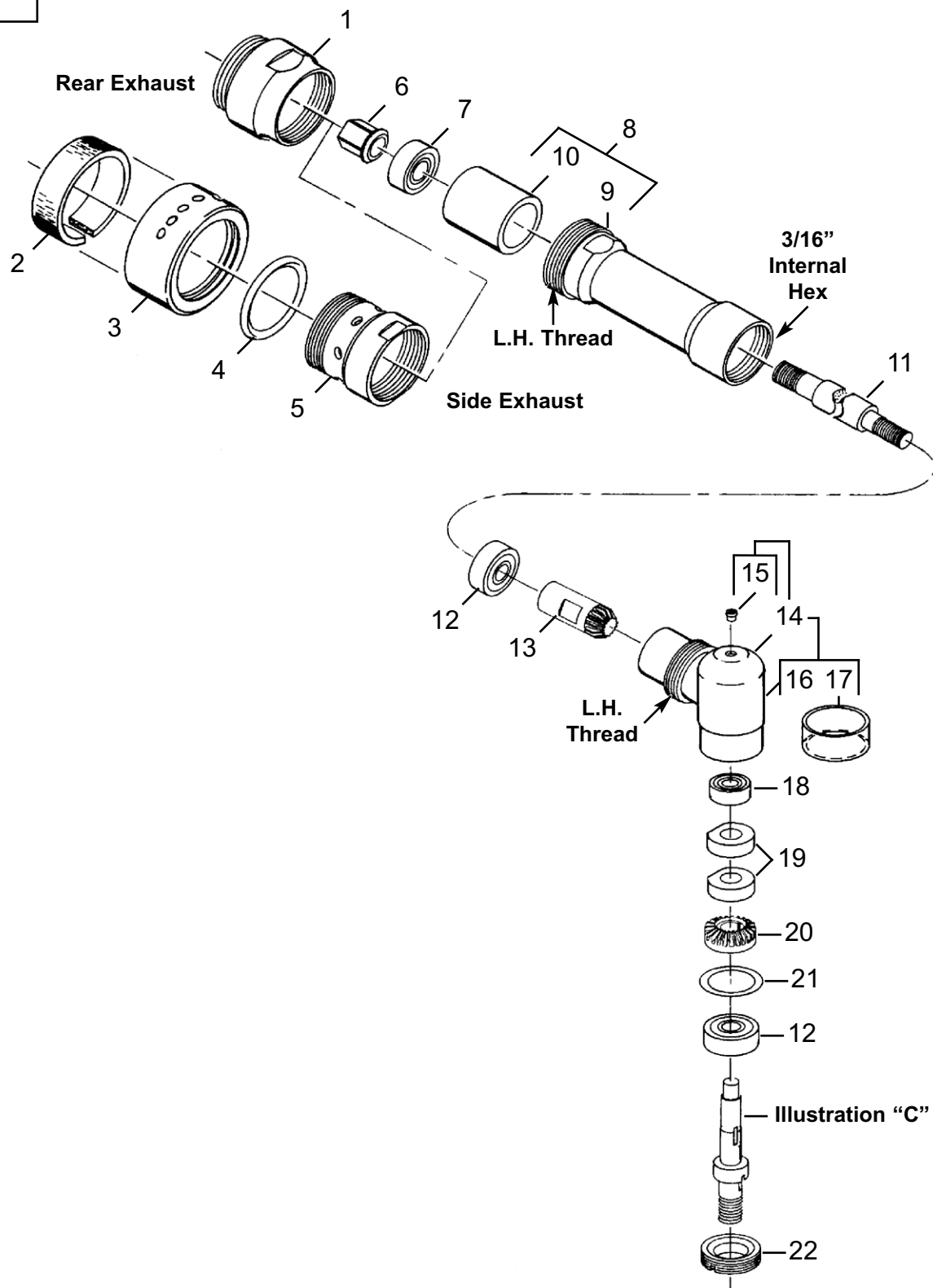
Ref	Number	#	X	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Descripción	Descrizione
1	14-0851	1		Housing Wrench	Schraubenschlüssel	Clé plate	La llave	La chiave
2	Table "A"	1	1	Inlet Adapter	Zwischenstück	Adaptateur	Adaptador	Adattatore
3	01-2506	1		Exhaust Plug	Buchse	Bouchon	Tapón	Spina
4	2965	1	3	O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
5	3036	1	3	O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
6	01-2520	1	1	Diffuser	Diffuser	Diffuseur	Diffuseur	Diffusore
7	01-1032	1	1	Muffler	Schalldämpfer	Silencieux	Silenciador	Silenziatore
8	01-2519	1	3	Valve Spring	Druckfeder	Ressort	Resorte	Molla
9	01-2518	1	1	Valve	Ventil	Soupape	Válvula	Valvola
10	01-2504	1		Valve Seat	Ventilsitz	Siège de soupape	Asiento de la válvula	Sede valvola
11	1042	1	1	Lever Pin	Stift	Goupille cylindrique	Pasador	Spina
12	01-2517	1	1	Push Rod	Stange	Tige	Varilla	Asta
13	01-1267	1	1	Lock-Off Lever Asm	Hebel	Levier	Palanca	Leva
14	01-2560	1		Motor Housing	Gehäuse	Corps	Caja	Corpo
15	4293	1	2	Filter Disc	Platte	Plaque	Placa	Piattello
16	01-2016	1		Filter Retainer	Haltevorrichtung	Bague d'arrêt	Retén	Fermo
17	538	1	2	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
18	7003	1		Rear Plate	Hintere Platte	Plaque arrière	Placa posterior	Piattello posteriore
19	1041	2	2	Pin	Stift	Goupille cylindrique	Pasador	Spina
20	2255	1		Cylinder	Zylinder	Cylindre	Cilindro	Cilindro
21	7654	1		Rotor	Rotor	Rotor	El rotor	Il rotore
22	2017	1	1	Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
23	2253	4	8	Rotor Blade	Rotorblatt	Palette	Alabe del rotor	Paletta del rotore
24	2292	1		Front Plate	Vorderplatte	Plaque de devanture	Placa frontal	Piattello anteriore
25	2488	1	1	Shim Packet	Unterlegstück	Cale pelable	Calzo	Spessore
26	500	1	2	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
27	2284	1		Coupling Nut	Koppe und Schraubenmutter	Attelage Écrou	Enganche Tuerca	Agganciam ento N occia
28	2287	1		Coupling	Kupplung	Couplage	Acoplamiento	Accoppiamento

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

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

Table, Tabelle, Tableau, Tabla, Tabella "A"

Ref.	Description	#	12-2736	#	12-2776
			12-2737		12-2777
			12-2738		12-2778
2	Inlet Adapter (w/o OH)	1	01-2505	1	01-2505
	Inlet Adapter (w/ OH)		---	1	01-1031

Dotco®
Angle Head**"B"**

Illustration, Abbildung, Illustration, Ilustración, Illustrazione "B"

Ref	Number	#	X	EN	DE	FR	ES	IT
				Description	Benennung	Designation	Descripción	Descrizione
1	01-2043	1		Lock Ring	Verschlußring	Bague de verrouillage	Anillo de cierre	Anello di bloccaggio
2	01-2065	1	3	Muffler	Schalldämpfer	Silencieux	Silenciador	Silenziatore
3	01-2590	1		Muffler Housing	Gehäuse	Corps	Caja	Corpo
4	01-1169	1	3	O-Ring	O-Ring	Joint torique	Anillo "O"	Anello ad O
5	01-2067	1		Lock Ring	Verschlußring	Bague de verrouillage	Anillo de cierre	Anello di bloccaggio
6	2284	1		Driver	Antrieb	Entraînement	Impulsión	Trasmissione
7	506	1	2	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
8	01-2064	1		Housing Assembly	Montage	Assemblage	Ensamblaje	Assemblaggio
9	01-2069	1		Spindle Housing	Spindelgehäuse	Cage à pignons	Caja del husillo	Corpo mandrino
10	01-2070	1		Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
11	01-2509	1		Pinion Shaft	Achse	Axe du vérin	Eje	Albero
12	538	2	4	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
13	Table "B"	1	1	Pinion	Pinion	Pignon	Piñón	Il pignone
14	1024	1		Angle Housing	Winkelkopfgehäuse	Cage d'équerre	Alojamiento angular	Corpo testina angolare
15	1464	1		Grease Fitting	Schmiernippel	Monture de graisse	Accesorio de grasa	Ingrassatore
16	1338	1		Lubrication Decal	Aufkleber	Etiquette	Etiqueta	Etichette
17	1356	1	1	Wear Ring	Ring	Bague	Anillo	Anello
18	504	1	2	Ball Bearing	Kugellager	Roulement à billes	Cojinete de bolas	Cuscinetto a sfera
19	1755	2	4	Lube Disc	Ölungssubstanz	Lubrificateur	Lubricador	Lubrificante
20	Table "B"	1	1	Bevel Gear	Kegelrad	Engrenage conique	Engranaje cónico	Ingranaggio conico
21	1355	1	1	Shim Packet	Unterlegstück	Cale pelable	Calzo	Spessore
22	1025	1		Lock Ring	Verschlußring	Bague de verrouillage	Anillo de cierre	Anello di bloccaggio
--	45-1982	1		Grease Gun	Schmiermittel	Graisse	Grasa	Grasso
--	45-0980	1		Gear Lube	Schmierung	Lubrification	Lubricación	Lubrificazione
--	14-0186	1		Hex Key (3/16")	Schlüssel	Clavette	Llave	Chiave

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

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

Table, Tabelle, Tableau, Tabla, Tabella "B"

Ref.	Description	#	12-2737 12-2777	#	12-2736 12-2776	#	12-2738 12-2778
13	Pinion	1	1984	1	1965	1	1974
20	Bevel Gear	1	1985	1	1964	1	1975

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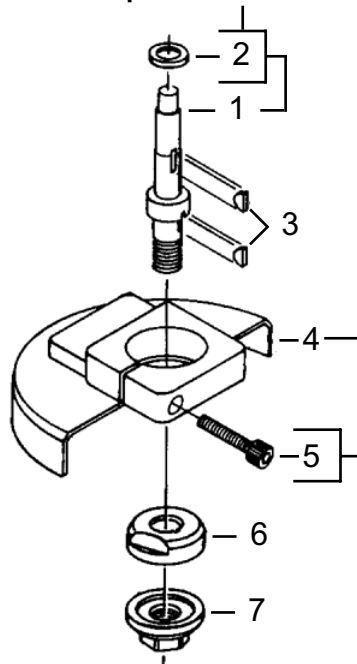
Terminations

"A"

TERMINATION 27

3" Type 1 Cut-Off Wheel

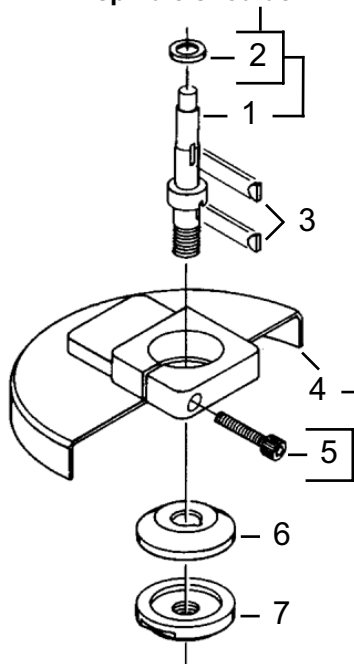
countersink towards
spindle shoulder



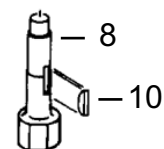
TERMINATION 28

4" Type 1 Cut-Off Wheel

countersink towards
spindle shoulder

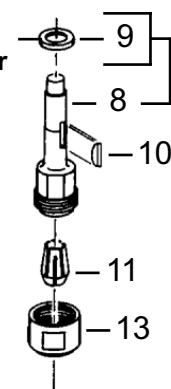


TERMINATION 32



TERMINATION 45

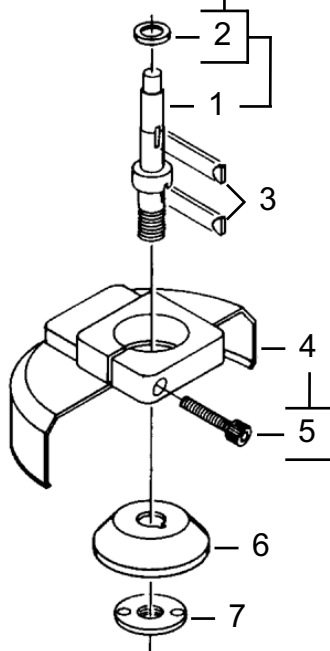
countersink
towards
spindle shoulder



TERMINATION 83

3" Depressed Center Wheel

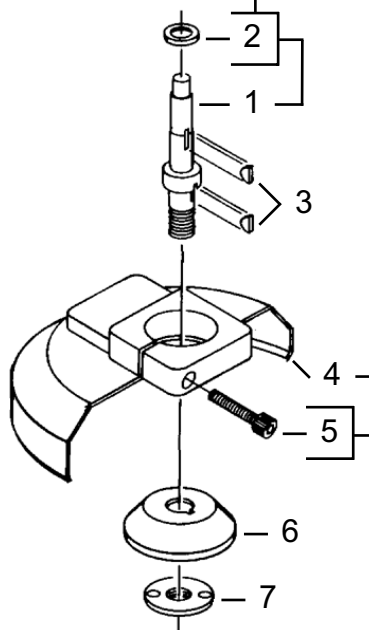
countersink towards
spindle shoulder



TERMINATION 84

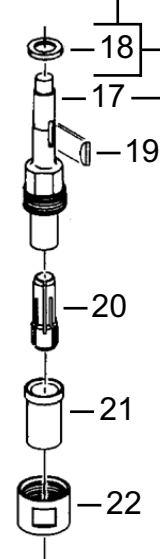
4" Depressed Center Wheel

countersink towards
spindle shoulder



TERMINATION 36

countersink towards
spindle shoulder



Dotco®

Terminations

45-8176

12/19/2008

Illustration, Abbildung, Illustration, Ilustración, Illustrazione "C"

Ref	Number	#	X	EN Description	DE Benennung	FR Designation	ES Descripción	IT Descrizione
Terminations -27, -28, -83, -84:								
1	1402	1		Spindle	Spindel	Arbre	Husillo	Mandrino
2	7792	1	2	Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
3	1062	2	4	Woodruff Key	Schlüssel	Clavette	Llave	Chiave
4	14-1258	1		3" Guard (-27)	Radschutz	Protection d'engrenage	Protector de rueda	Riparo mola
	14-1259	1		4" Guard (-28)	Radschutz	Protection d'engrenage	Protector de rueda	Riparo mola
	14-2593	1		3" Guard (-83)	Radschutz	Protection d'engrenage	Protector de rueda	Riparo mola
	14-2594	1		4" Guard (-84)	Radschutz	Protection d'engrenage	Protector de rueda	Riparo mola
5	14-1518	1	2	Cap Screw	Kopfschraube	Vis de chapeau	Tornillo de casquete	Vite a testa cilindrica
6	14-1174	1		Inner Flange (-27)	Flansch	Rebord	Pestaña	Flangia
	14-1172	1		Inner Flange (-28)	Flansch	Rebord	Pestaña	Flangia
	7667	1		Inner Flange (-83)	Flansch	Rebord	Pestaña	Flangia
	7667	1		Inner Flange (-84)	Flansch	Rebord	Pestaña	Flangia
7	14-1175	1		Outer Flange (-27)	Flansch	Rebord	Pestaña	Flangia
	14-1173	1		Outer Flange (-28)	Flansch	Rebord	Pestaña	Flangia
	7668	1		Outer Flange (-83)	Flansch	Rebord	Pestaña	Flangia
	7668	1		Outer Flange (-84)	Flansch	Rebord	Pestaña	Flangia
--	14-0186	1		Hex Key (3/16")	Schlüssel	Clavette	Llave	Chiave
Termination -27:								
--	14-0809	1		Wrench (9/16")	Schraubenschlüssel	Clé plate	La llave	La chiave
--	14-0812	1		Wrench (3/4")	Schraubenschlüssel	Clé plate	La llave	La chiave
Termination -28:								
--	14-0820	1		Wrench (1-1/4")	Schraubenschlüssel	Clé plate	La llave	La chiave
Terminations -83, -84:								
--	7666	1		Spanner Wrench	Schraubenschlüssel	Clé plate	La llave	La chiave
Terminations -32, -36, -45:								
8	1069	1		Spindle (-32)	Spindel	Arbre	Husillo	Mandrino
	7660	1		Spindle (-36)	Spindel	Arbre	Husillo	Mandrino
	7814	1		Spindle (-45)	Spindel	Arbre	Husillo	Mandrino
9	7792	1	2	Spacer	Distanzstück	Entretoise	Espaciador	Distanziale
10	1062	1	2	Woodruff Key	Schlüssel	Clavette	Llave	Chiave
11	Table "C"	1		Collet (-36)	Futter	Douille de serrage	Boquilla	Bussola di chiusura
	7808	1		Collet (-45)	Futter	Douille de serrage	Boquilla	Bussola di chiusura
12	1053	1		Nosepiece	Kopfstück	Tuyère	Tobera	Naso
13	1058	1		Collet Cap (-36)	Kappe	Chapeau	Tapa	Cappello
	7815	1		Collet Cap (-45)	Kappe	Chapeau	Tapa	Cappello
--	14-0807	1		Wrench (7/16")	Schraubenschlüssel	Clé plate	La llave	La chiave
Terminations -36, -45:								
--	14-0811	1		Wrench (11/16")	Schraubenschlüssel	Clé plate	La llave	La chiave

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

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

Table, Tabelle, Tableau, Tabla, Tabella "C"

300 Series Optional Collets					
Part No.	Arbor Size	Part No.	Arbor Size	Part No.	Arbor Size
301	3/64"	305	5/32"	310	6mm
302	5/64"	306	3/16"	311	3mm
303	3/32"	307	7/32"		
304	1/8"	308 *	1/4"		

* Standard Collet

Sales & Service Centers

Note: All locations may not service all products. Please contact the nearest Sales & Service Center for the appropriate facility to handle your service requirements.

Dallas, TX
**Apex Tool Group
Sales & Service Center**
1470 Post & Paddock
Grand Prairie, TX 75050
Tel: 972-641-9563
Fax: 972-641-9674

Detroit, MI
**Apex Tool Group
Sales & Service Center**
2630 Superior Court
Auburn Hills, MI 48326
Tel: 248-391-3700
Fax: 248-391-7824

Houston, TX
**Apex Tool Group
Sales & Service Center**
6550 West Sam Houston
Parkway North, Suite 200
Houston, TX 77041
Tel: 713-849-2364
Fax: 713-849-2047

Lexington, SC
Apex Tool Group
670 Industrial Drive
Lexington, SC 29072
Tel: 800-845-5629
Tel: 803-951-7544
Fax: 803-358-7681

Los Angeles, CA
**Apex Tool Group
Sales & Service Center**
15503 Blackburn Avenue
Norwalk, CA 90650
Tel: 562-623-4457
Fax: 562-802-1718

Seattle, WA
**Apex Tool Group
Sales & Service Center**
2865 152nd Avenue N.E.
Redmond, WA 98052
Tel: 425-497-0476
Fax: 425-497-0496

York, PA
**Apex Tool Group
Sales & Service Center**
3990 East Market Street
York, PA 17402
Tel: 717-755-2933
Fax: 717-757-5063

Canada
**Apex Tool Group
Sales & Service Center**
5925 McLaughlin Road
Mississauga, Ont. L5R 1B8
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Fax: 905-501-4786

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Germany
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Fax: +49 (0) 73 63 81 222

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C/O Spline Gauges
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Fax: +44 1827 8741 28

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25 rue Maurice Chevalier
77330 Ozoir-La-Ferrière
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Tel: +33 1 6443 2200
Fax: +33 1 6443 1717

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Vialidad El Pueblito #103
Parque Industrial Querétaro
Querétaro, QRO 76220
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Fax: +52 (442) 103-0443

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Av. Liberdade, 4055
Zona Industrial - Iporanga
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Fax: +55 15 2383260

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