



**Parts Manual**

**45-8228**

*PL30-12R91*

09/2019

**OMEGA TECHNOLOGIES**

**12R91 Series**

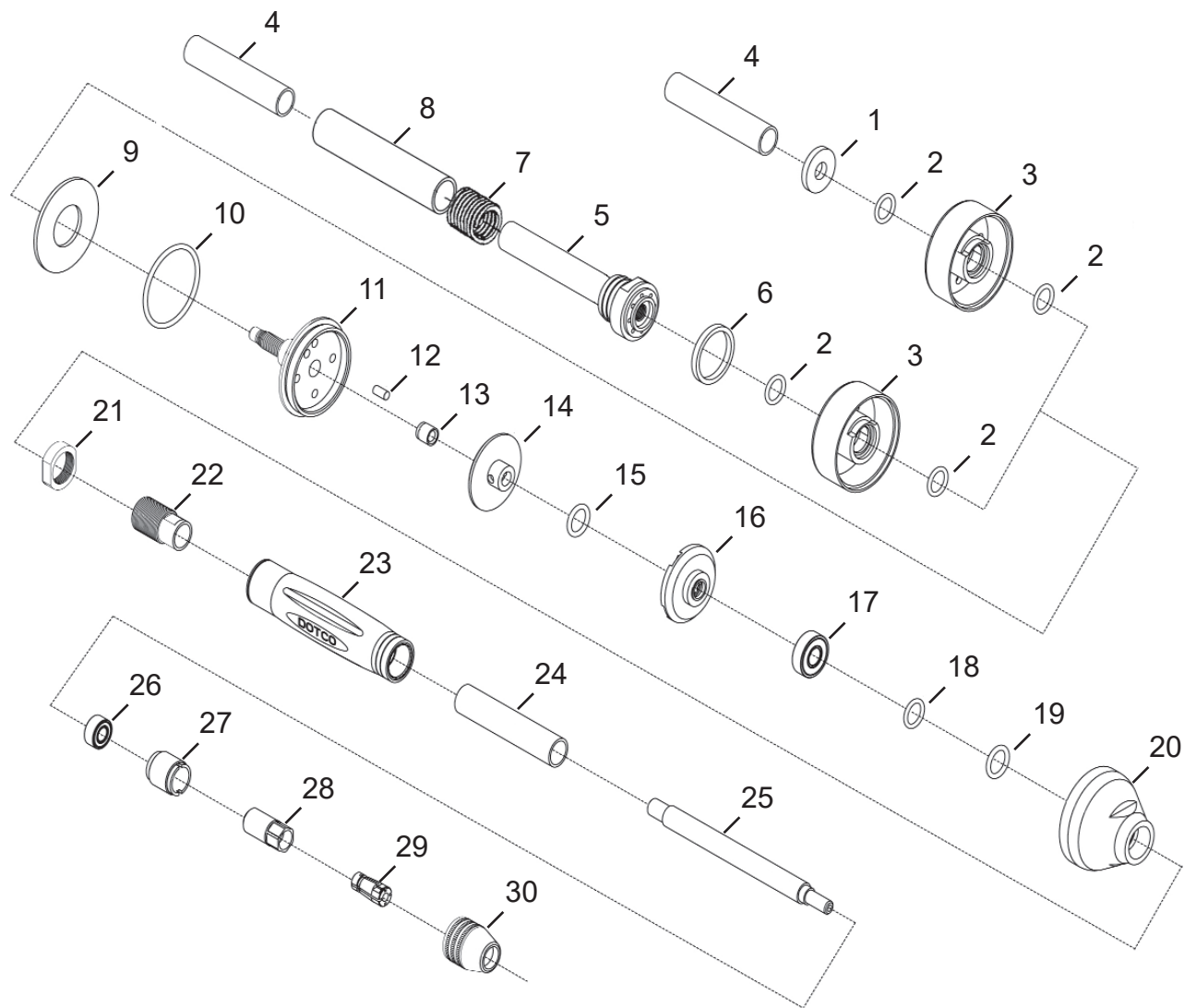
**Turbine Precision Grinder**



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**Dotco®**  
12R91 Series Precision Turbines

**“A”**



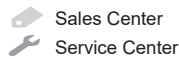
**Illustration, Abbildung, Illustration, Ilustración, Illustrazione "A"**

| Ref | Number      | # | X | EN                  | DE                | FR                    | ES                      | IT                            |
|-----|-------------|---|---|---------------------|-------------------|-----------------------|-------------------------|-------------------------------|
|     |             |   |   | Description         | Benennung         | Désignation           | Descripción             | Descrizione                   |
| 1   | 01-9162     | 1 | 1 | Washer              | Scheibe           | Rondelle              | Arandela                | Rondella                      |
| 2   | 6050        | 2 | 6 | O-Ring              | O-Ring            | Joint torique         | Anillo "O"              | Anello ad O                   |
| 3   | T50-1000227 | 1 |   | Roll Valve (w/o OH) | Ventil            | Soupape               | Válvula                 | Valvola                       |
|     | T50-1000228 | 1 |   | Roll Valve (w/ OH)  | Ventil            | Soupape               | Válvula                 | Valvola                       |
| 4   | 45-0948     | 1 |   | Inlet Hose (5')     | Schlauch          | Tuyau                 | Manguera                | Tubo                          |
| 5   | 01-9167     | 1 |   | Overhose Adapter    | Zwischenstück     | Adaptateur            | Adaptador               | Adattatore                    |
| 6   | 01-9166     | 1 |   | Spacer              | Distanzstück      | Entretoise            | Espaciador              | Distanziale                   |
| 7   | 01-9165     | 1 | 2 | Overhose Spring     | Druckfeder        | Ressort               | Resorte                 | Molla                         |
| 8   | 45-0976     | 1 |   | Overhose (2')       | Schlauchabdeckung | Couverture de tuyau   | Cubierta de la manguera | Copertura del tubo flessibile |
|     | 45-0974     | 1 |   | Overhose (4')       | Schlauchabdeckung | Couverture de tuyau   | Cubierta de la manguera | Copertura del tubo flessibile |
| 9   | 1110890     | 1 | 3 | Muffler Insert      | Schalldämpfer     | Silencieux            | Silenciador             | Silenziatore                  |
| 10  | 2301        | 1 | 3 | O-Ring              | O-Ring            | Joint torique         | Anillo "O"              | Anello ad O                   |
| 11  | 01-9158     | 1 |   | Valve Body          | Ventilkörper      | Corps de soupape      | Cuerpo de válvula       | Corpo della valvola           |
| 12  | 01-9159     | 1 | 2 | Pin                 | Stift             | Clavette              | Pasador                 | Spina                         |
| 13  | 01-9155     | 1 | 1 | Nozzle              | Düse              | Bec                   | Boquilla                | Ugello                        |
| 14  | 01-9157     | 1 |   | Impeller Retainer   | Haltevorrichtung  | Bague d'arrêt         | Retén                   | Fermo                         |
| 15  | 01-9156     | 1 | 2 | Governor            | Regler            | Régulateur            | Regulador               | Regolatore                    |
| 16  | 01-5154     | 1 |   | Impeller            | Antreiber         | Roue à aubes          | Impeledor               | Ventola                       |
| 17  | 502         | 1 | 2 | Rear Bearing        | Lager             | Coussinet             | Cojinete                | Cuscinetto                    |
| 18  | 2965        | 1 | 3 | O-Ring              | O-Ring            | Joint torique         | Anillo "O"              | Anello ad O                   |
| 19  | 2460        | 1 | 3 | O-Ring              | O-Ring            | Joint torique         | Anillo "O"              | Anello ad O                   |
| 20  | 01-9150     | 1 |   | Impeller Housing    | Gehäuse           | Corps                 | Caja                    | Corpo                         |
| 21  | 01-9163     | 1 |   | Jam Nut             | Mutter            | Ecrou                 | Tuerca                  | Dado                          |
| 22  | 01-9164     | 1 |   | Coupling            | Kupplung          | Couplage              | Acoplamiento            | Accoppiamento                 |
| 23  | 01-6060     | 1 |   | Spindle Housing     | Gehäuse           | Corps                 | Caja                    | Corpo                         |
| 24  | 01-9153     | 1 |   | Spindle Spacer      | Distanzstück      | Entretoise            | Espaciador              | Distanziale                   |
| 25  | 01-9152     | 1 |   | Spindle             | Spindel           | Arbre                 | Husillo                 | Mandrino                      |
| 26  | 548         | 1 | 2 | Front Bearing       | Lager             | Coussinet             | Cojinete                | Cuscinetto                    |
| 27  | 967         | 1 |   | Lock Ring           | Verschlussring    | Bague de verrouillage | Anillo de cierre        | Anello di bloccaggio          |
| 28  | 976         | 1 |   | Chuck Body          | Futter Körper     | Corps de trou         | Bote el Cuerpo          | Il Corpo di ciottolo          |
| 29  | 100         | 1 |   | Collet (1/8")       | Futter            | Douille de serrage    | Boquilla                | Bussola di chiusura           |
|     | 148         | 1 |   | Collet (3mm)        | Futter            | Douille de serrage    | Boquilla                | Bussola di chiusura           |

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