

# Threading

## Threading electric

### Precision die heads

For machine types ROPOWER 50 R, SUPERTRONIC 2 SE, 3 S, 3 SE, 4 S and 4 SE

#### Product profile

##### KEY FEATURES

###### Standard die heads

- Time saving with a simple and quick change of the threading dies
- User-friendly with the locking positioning which eliminates complicated calibration
- Longer life of the dies with the integrated lubrication
- Guaranteed consistent cutting oil film on the pipe surface



#### Product profile

##### KEY FEATURES

###### Automatic die heads

- Simple and clear operation with the quick-adjustment thread sizes
- Automatic adjustable thread length for serial production
- Flexible work: Each thread size offers individual fine adjustment of the thread depth without recentering dimension change

Please note: The die heads do not include threading dies!

### Overview die heads / threading dies

| Die heads   |          | Threading dies |            |              | ROPOWER 50 R | SUPERTRONIC 2 SE | SUPERTRONIC 3 SE | SUPERTRONIC 4 SE |
|---|----------|----------------|------------|--------------|--------------|------------------|------------------|------------------|
| Thread type   | Size     | No.            | Size       | No. SS-steel |              |                  |                  |                  |
| <b>Automatic die heads suitable for RIDGID<sup>®</sup> threading dies</b> |          |                |            |              |              |                  |                  |                  |
| BSPT R  | 1/2 - 2" | 56052          | 1/4 - 3/8" | 56369        | 56379        | ●                |                  |                  |
|   |          |                | 1/2 - 3/4" | 056370X      | 56380        | ●                |                  |                  |
|   |          |                | 1 - 2"     | 056371X      |              | ●                |                  |                  |
| NPT   | 1/2 - 2" | 56053          | 1/4 - 3/8" | 56372        |              | ●                |                  |                  |
|   |          |                | 1/2 - 3/4" | 56373        |              | ●                |                  |                  |
|   |          |                | 1 - 2"     | 56374        |              | ●                |                  |                  |

#### Automatic die heads suitable for ROTHENBERGER threading dies

|        |            |       |            |       |       |       |   |   |   |
|--------|------------|-------|------------|-------|-------|-------|---|---|---|
| BSPT R | 1/2 - 2"   | 56266 | 1/2 - 3/4" | 56002 | 56235 | ●     | ● | ● | ● |
|        |            |       | 1 - 2"     | 56005 | 56236 |       |   |   |   |
|        |            |       | 2.1/2 - 3" | 56288 | 56291 | 56237 |   |   |   |
|        | 2.1/2 - 4" | 56289 | 2.1/2 - 4" | 56294 | 56238 |       |   |   |   |
| NPT    | 1/2 - 2"   | 56271 | 1/2 - 3/4" | 56111 | 56180 |       |   |   |   |
|        |            |       | 1 - 2"     | 56112 | 56181 |       |   |   |   |
|        |            |       | 2.1/2 - 3" | 56268 | 56295 | 56183 |   |   |   |
|        | 2.1/2 - 4" | 56269 | 2.1/2 - 4" | 56296 |       |       |   |   |   |
|        |            |       | 3.1/2 - 4" |       | 56184 |       |   |   |   |

#### ROTHENBERGER standard / manual die heads

|        |              |       |            |       |       |   |   |   |   |
|--------|--------------|-------|------------|-------|-------|---|---|---|---|
| BSPT R | 1/4 - 3/8"   | 56153 | 1/4 - 3/8" | 56001 | 56135 | ● | ● | ● | ● |
|        | 1/2 - 2"     | 56156 | 1/2 - 3/4" | 56002 | 56235 | ● | ● | ● | ● |
|        |              |       | 1 - 2"     | 56005 | 56236 | ● | ● | ● | ● |
|        | 2 - 3"       | 56104 | 2 - 3"     | 56006 | 56121 | ● | ● | ● | ● |
|        | 3.1/2 - 4"   | 56032 | 3.1/2 - 4" | 56008 | 56122 |   |   |   |   |
| NPT    | 1/4 - 3/8"   | 56118 | 1/4 - 3/8" | 56110 |       | ● | ● | ● | ● |
|        | 1/2 - 2"     | 56156 | 1/2 - 3/4" | 56111 | 56180 | ● | ● | ● | ● |
|        |              |       | 1 - 2"     | 56112 | 56181 | ● | ● | ● | ● |
|        | 2.1/2 - 3"   | 56104 | 2.1/2 - 3" |       |       | ● | ● | ● | ● |
| BSPP   | 1/2 - 1.1/4" | 56076 | 1/2 - 3/4" |       |       | ● | ● | ● | ● |
|        |              |       | 1 - 1.1/4" |       |       | ● | ● | ● | ● |
|        | 1.1/2 - 3"   | 56077 | 1.1/2 - 2" | 56097 |       | ● | ● | ● | ● |
|        |              |       | 2.1/2 - 3" | 56098 |       | ● | ● | ● | ● |

### Precision threading dies

High material quality and precise workmanship guarantee easy cutting, clean threads and extremely long service life with outstanding chip discharge. Manufactured from high-quality tempered steel (only available in sets 4 or 5 pieces / pack)



#### Suitable for:

- **Conical pipe threads - BSPT**  
Whitworth pipe threads: ISO 7-1, DIN EN 10226 (DIN 2999)  
External pipe threads: conical, 1:16, 55° flank angle
- **Conical pipe threads - NPT**  
Taper pipe threads: ASME B1.20.1  
External pipe threads: conical, 1:16, 60° flank angle
- **Cylindrical pipe threads - BSPP**  
Whitworth pipe threads: ISO 228-1, DIN 259  
Exterior pipe threads cylindrical, 55° flank angle