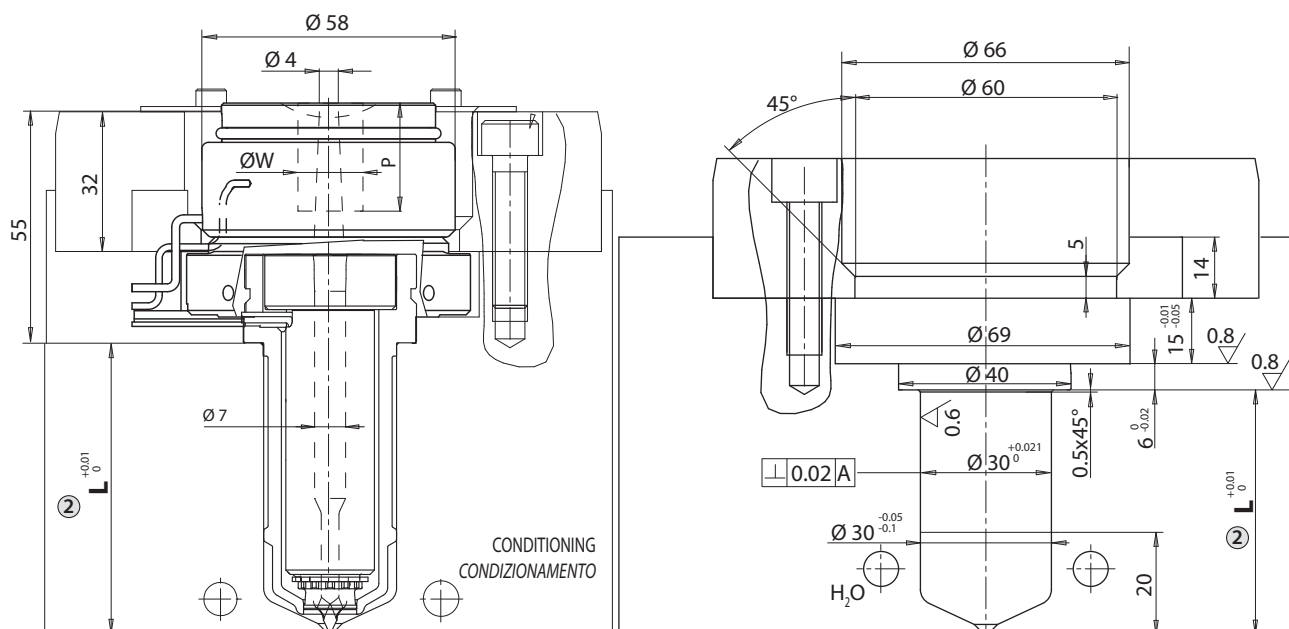
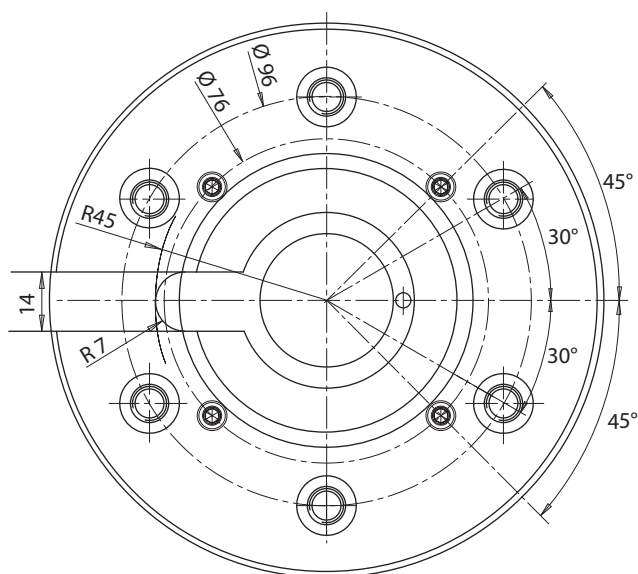
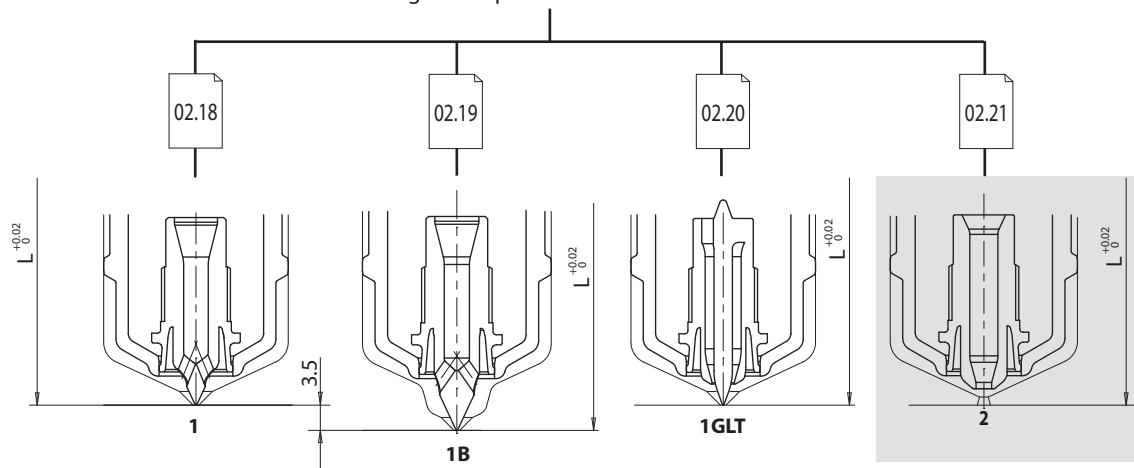




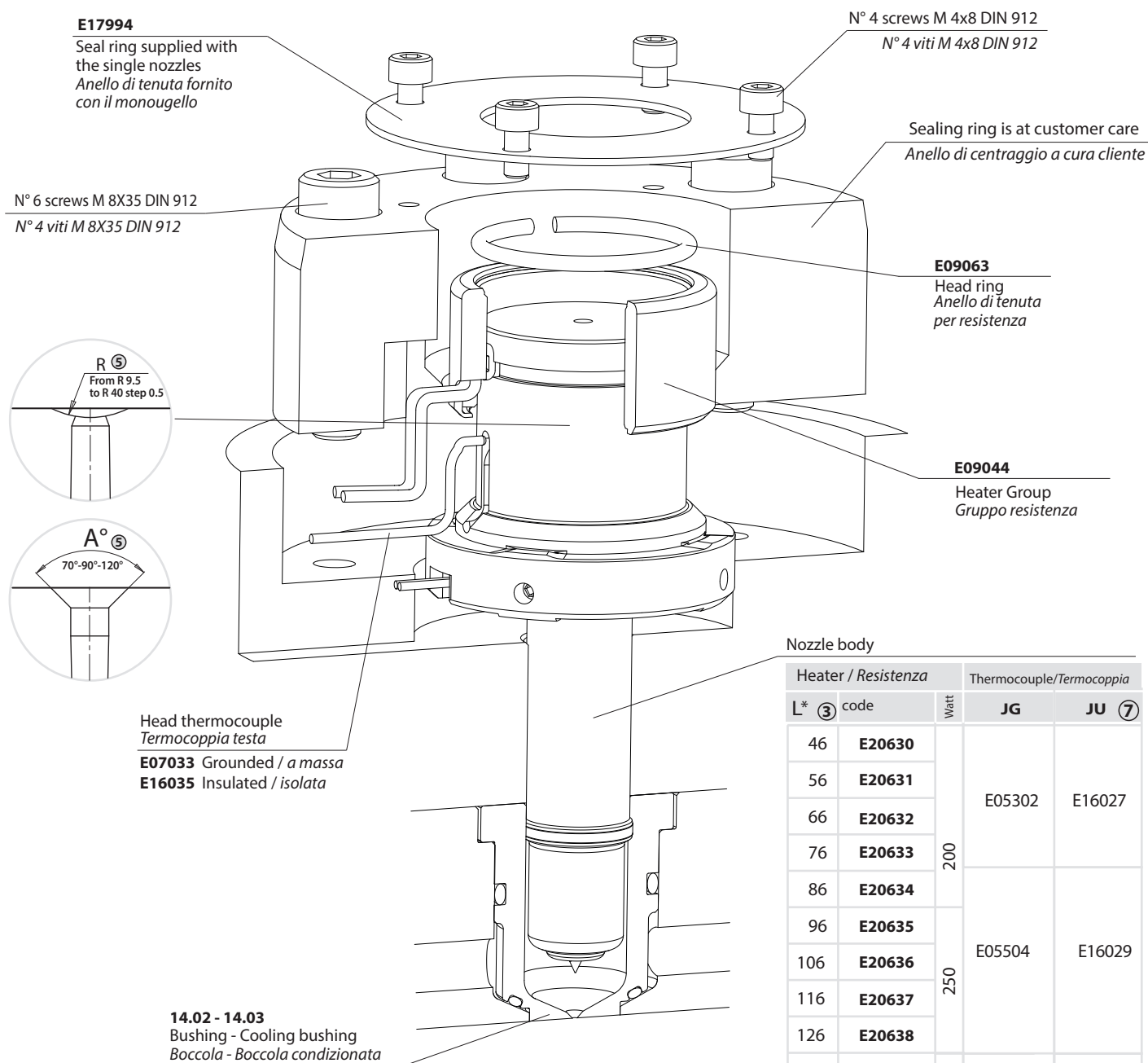
Interchangeable tips / Puntali intercambiabili



Ordering code example / Esempio d'ordine ugello:

① ② ③ ④ ⑤ ⑦  
**T D 6 3 0 0 8 6 - 1 / R 0 9 5 - J G**

- ① Nozzle type / Tipo ugello (**TD6**)
- ② **30** Diameter nozzle / Diametro ugello (**Ø30**)
- ③ **086** Nozzle length / Lunghezza ugello (**L=86**)
- ④ **1** Tip type / Tipo puntale (**1**)
- ⑤ **R095** Radius / Raggio testa (**R 9.5**)
- ⑦ **JG** Tc type / Tipo termocoppia (**grounded / a massa**)



## CABLES / CAVI

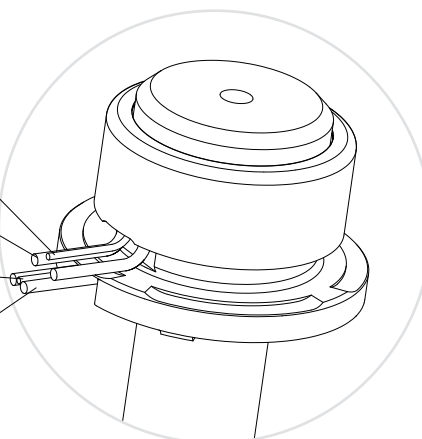
\* 1B15+3.5

Head thermocouple Red TC+ / Blue TC-  
Termocoppia testa Rosso TC+ / Blu TC-

Head heater 230 V White / Red-White  
Resistenza testa 230 V Bianco / Rosso-Bianco

Nozzle body thermocouple Red TC+ / Blue TC-  
Termocoppia corpo ugello Rosso TC+ / Blu TC-

Nozzle body heater 230 V White / Red-White  
Resistenza corpo ugello 230 V Bianco / Rosso-Bianco



If not specified, the radius R=0 and grounded thermocouple are supplied  
Se non specificato fornito raggio testa R = 0 e termocoppie a massa

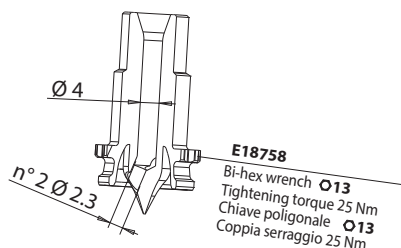


**TYPE TD-1:** Nozzle suitable for moulding parts where the injection vestige is important. The nozzle is suitable for filled and abrasive materials. If compared with TF series nozzles, TD nozzles have the sealing area on the external body rather than the tip and requires less accurate machining of the seat.

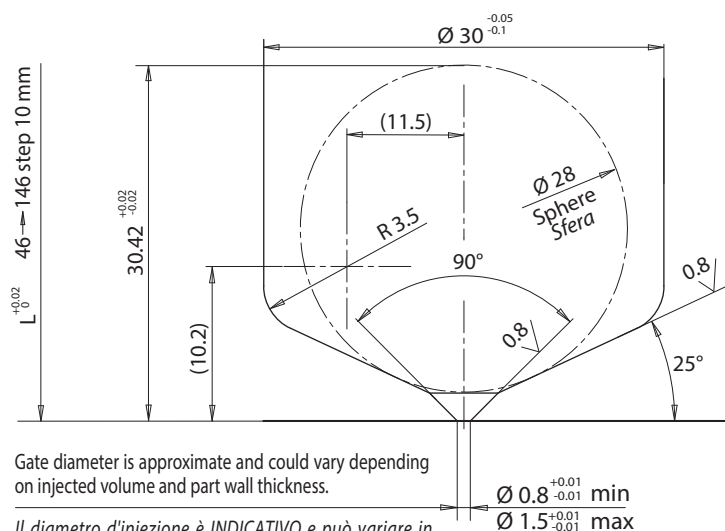
**TIPO TD-1:** L'ugello TD-1 è idoneo allo stampaggio di particolari dove è richiesto un buon aspetto estetico del punto di iniezione. A differenza degli ugelli serie TF la tenuta dell'ugello è fatta sul corpo dell'ugello anziché sul puntale. L'ugello è idoneo allo stampaggio di materiali con cariche abrasive.

#### TIP GROUP / GRUPPO PUNTALE

| Type<br>Tipo | Code<br>Codice |
|--------------|----------------|
| <b>TD-1</b>  | <b>E20856</b>  |



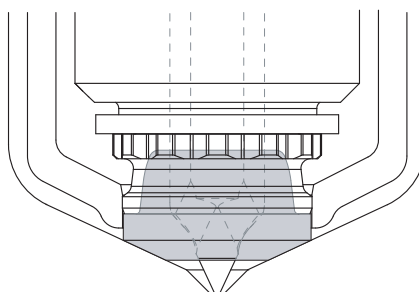
#### GATE AREA / SEDE UGELLO



#### COLOUR CHANGE BUSHING / BOCCOLA CAMBIO COLORE

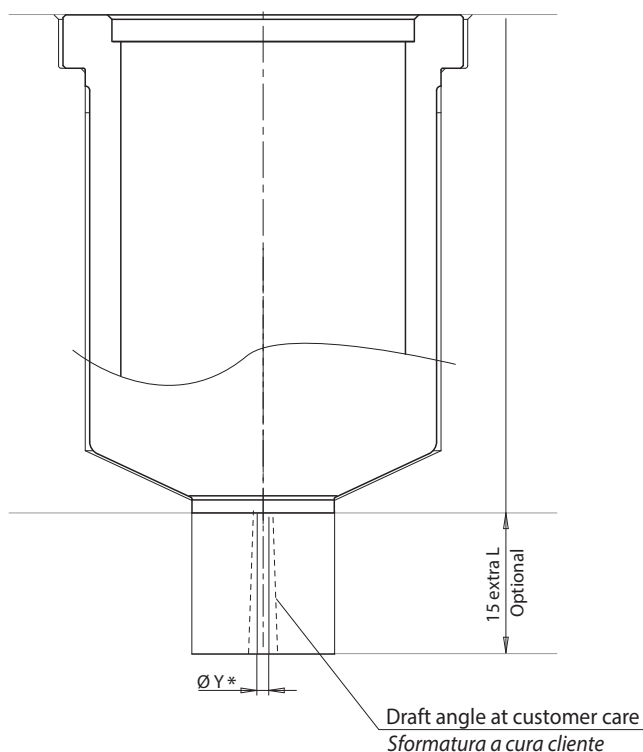
Available upon request / Disponibile su richiesta

| Code / Codice |
|---------------|
| <b>E20863</b> |

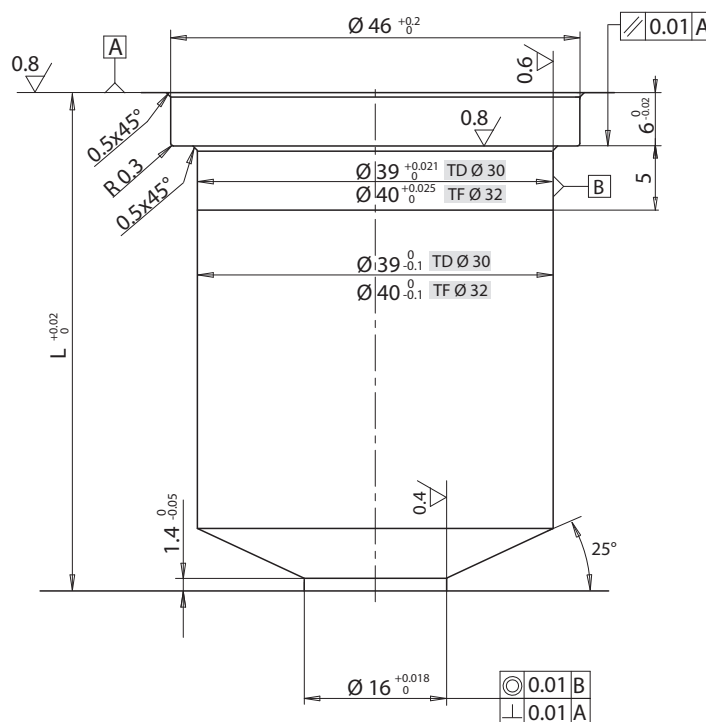




## BUSHING / BOCCOLA



## BUSHING CUTOUT / SEDE BOCCOLA



| TF Ø 32 | Nozzle Ø<br>Ø Ugello | TYPE<br>TIPO                  | Ø Y *      | L  | TF Ø 32<br>sliding nozzles/ugelli a rasamento |                        | TF6 Ø 32<br>single nozzles/monougelli |                        |  |  |
|---------|----------------------|-------------------------------|------------|----|-----------------------------------------------|------------------------|---------------------------------------|------------------------|--|--|
|         |                      |                               |            |    | code/codice                                   | code/codice<br>extra L | code/codice                           | code/codice<br>extra L |  |  |
|         | 32                   | 1 - 1GLT                      | 0.8 >> 2   | 56 | E09892/ØY                                     | E09894/ØY              | E09892/ØY                             | E09894/ØY              |  |  |
|         |                      |                               |            | 66 | E09893/ØY                                     | E09895/ØY              | E09893/ØY                             | E09895/ØY              |  |  |
|         |                      | 2 - 2P                        | 1.5 >> 2.8 | 56 | E09968/ØY                                     | E09970/ØY              | E09968/ØY                             | E09970/ØY              |  |  |
|         |                      |                               |            | 66 | E09969/ØY                                     | E09971/ØY              | E09969/ØY                             | E09971/ØY              |  |  |
|         |                      | 3 cylindrical<br>3 cilindrico | 1.6 >> 3   | 56 | E09972/ØY                                     | E09974/ØY              | MOØ32 - pag. 11.30                    |                        |  |  |
|         |                      |                               |            | 66 | E09973/ØY                                     | E09975/ØY              |                                       |                        |  |  |
|         |                      | 3conical<br>3conico           | 1.6 >> 2.5 | 56 | E09976/ØY                                     | E09978/ØY              |                                       |                        |  |  |
|         |                      |                               |            | 66 | E09977/ØY                                     | E09979/ØY              |                                       |                        |  |  |

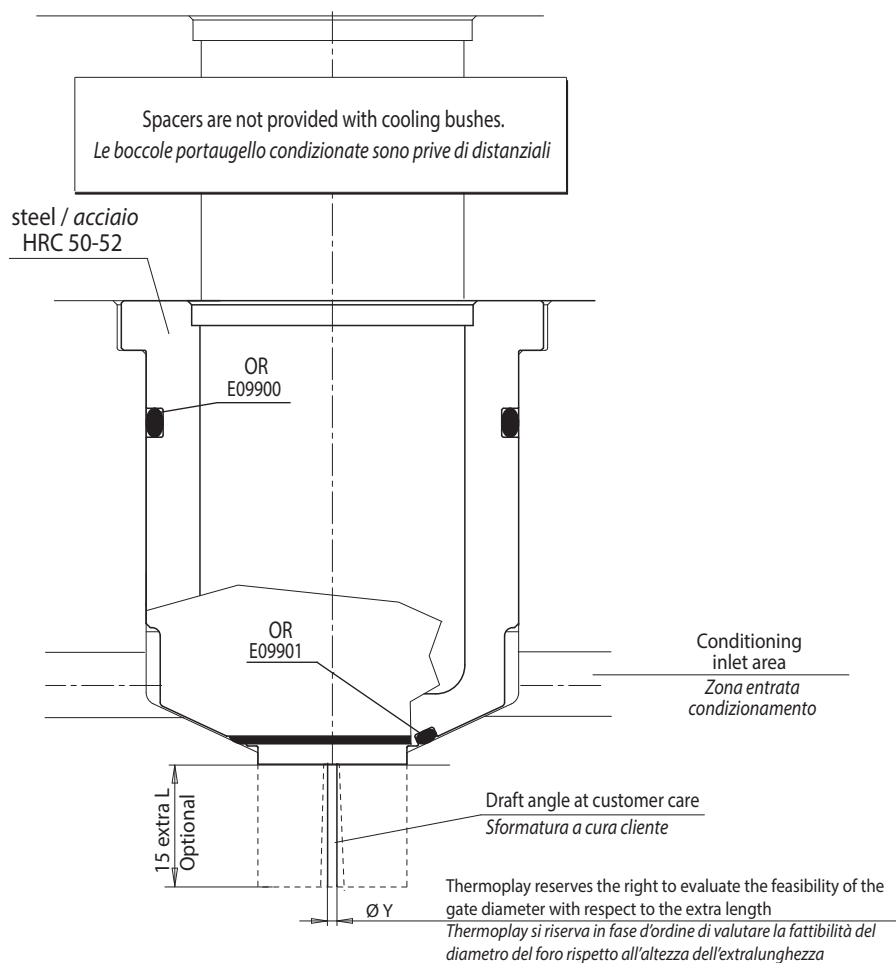
| TD Ø 30                       | Nozzle Ø<br>Ø Ugello | TYPE<br>TIPO | Ø Y *      | L         | TD Ø 30<br>sliding nozzles/ugelli a rasamento |                        | TD6 Ø 30<br>single nozzles/monougelli |                        |
|-------------------------------|----------------------|--------------|------------|-----------|-----------------------------------------------|------------------------|---------------------------------------|------------------------|
|                               |                      |              |            |           | code/codice                                   | code/codice<br>extra L | code/codice                           | code/codice<br>extra L |
|                               | 30                   | 1 - 1GLT     | 0.8 >> 1.5 | 46        | E17089/ØY                                     | E17091/ØY              | E17089/ØY                             | E17091/ØY              |
|                               |                      |              |            | 56        | E17090/ØY                                     | E17092/ØY              | E17090/ØY                             | E17092/ØY              |
|                               |                      | 2            | 1.5 >> 2.8 | 46        | E17776/ØY                                     | E17778/ØY              | E17776/ØY                             | E17778/ØY              |
|                               |                      |              |            | 56        | E17777/ØY                                     | E17779/ØY              | E17777/ØY                             | E17779/ØY              |
| 3 cylindrical<br>3 cilindrico |                      | 1.6>> 2      | 46         | E17603/ØY | E17605/ØY                                     | --                     | --                                    |                        |
|                               |                      |              | 56         | E17604/ØY | E17606/ØY                                     | --                     | --                                    |                        |
| 3conical<br>3conico           | 1.6 >> 2.5           | 46           | E17615/ØY  | E17617/ØY | --                                            | --                     |                                       |                        |
|                               |                      | 56           | E17616/ØY  | E17618/ØY | --                                            | --                     |                                       |                        |

\* Thermoplay reserves the right to evaluate the feasibility of the gate diameter with respect to the extra length  
 Thermoplay si riserva in fase d'ordine di valutare la fattibilità del diametro del foro rispetto all'altezza dell'extralunghezza

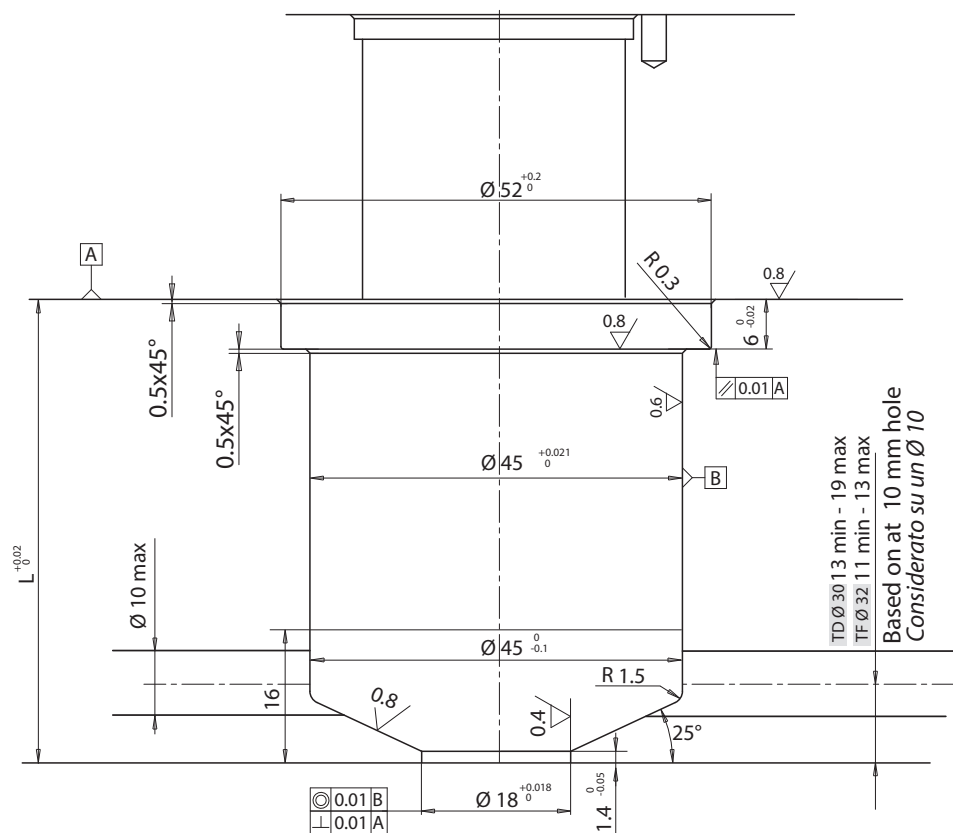




## BUSHING / BOCCOLA



## BUSHING CUTOUT / SEDE BOCCOLA





| TF Ø 32 | Nozzle Ø<br>Ø Ugello | TIPO<br>TYPE                  | Ø Y *      | L      | TF Ø 32<br>sliding nozzles<br>ugelli a rasamento |                        | TF6 Ø 32<br>single nozzles/monougelli |                        |    |
|---------|----------------------|-------------------------------|------------|--------|--------------------------------------------------|------------------------|---------------------------------------|------------------------|----|
|         |                      |                               |            |        | code/codice                                      | code/codice<br>extra L | code/codice                           | code/codice<br>extra L |    |
|         | 32                   | 1 - 1GLT                      | 0.8 >> 2   | 56     | E09902/ØY                                        | E09904/ØY              | E09902/ØY                             | E09904/ØY              |    |
|         |                      |                               |            | 66     | E09903/ØY                                        | E09905/ØY              | E09903/ØY                             | E09905/ØY              |    |
|         |                      | 2 - 2P                        | 1.5 >> 2.8 | 56     | E15007/ØY                                        | E15009/ØY              | E15007/ØY                             | E15009/ØY              |    |
|         |                      |                               |            | 66     | E15008/ØY                                        | E15010/ØY              | E15008/ØY                             | E15010/ØY              |    |
|         |                      | 3 cylindrical<br>3 cilindrico | 1.6 >> 3   | 56     | E15011/ØY                                        | E15013ØY               | MOØ32 - pag. 11.31                    |                        |    |
|         |                      |                               |            | 66     | E15012/ØY                                        | E15014/ØY              |                                       |                        |    |
|         |                      | 3conical<br>3conico           | 1.6 >> 2.5 | 56     | E15015/ØY                                        | E15017/ØY              |                                       |                        |    |
|         |                      |                               |            | 66     | E15016/ØY                                        | E15018/ØY              |                                       |                        |    |
| 1D-3D   |                      | --                            | 56         | E15049 | --                                               | E15049                 |                                       |                        | -- |
|         |                      |                               | 66         | E15050 | --                                               | E15050                 |                                       |                        | -- |
| 2D      | --                   | 56                            | E15051     | --     | E15051                                           | --                     |                                       |                        |    |
|         |                      | 66                            | E15052     | --     | E15052                                           | --                     |                                       |                        |    |

| TD Ø 30 | Nozzle Ø<br>Ø Ugello | TIPO<br>TYPE                  | Ø Y *      | L  | TD Ø 30<br>sliding nozzles /ugelli a rasamento |                        | TD6 Ø 30<br>single nozzles/monougelli |                        |
|---------|----------------------|-------------------------------|------------|----|------------------------------------------------|------------------------|---------------------------------------|------------------------|
|         |                      |                               |            |    | code/codice                                    | code/codice<br>extra L | code/codice                           | code/codice<br>extra L |
|         | 30                   | 1 - 1GLT                      | 0.8 >> 1.5 | 46 | E17579/ØY                                      | E17581/ØY              | E17579/ØY                             | E17581/ØY              |
|         |                      |                               |            | 56 | E17580/ØY                                      | E17582/ØY              | E17580/ØY                             | E17582/ØY              |
|         |                      | 2                             | 1.5 >> 2.8 | 46 | E17792/ØY                                      | E17794/ØY              | E17792/ØY                             | E17794/ØY              |
|         |                      |                               |            | 56 | E17793/ØY                                      | E17795/ØY              | E17793/ØY                             | E17795/ØY              |
|         |                      | 3 cylindrical<br>3 cilindrico | 1.6 >> 2   | 46 | E17627/ØY                                      | E17629/ØY              | --                                    | --                     |
|         |                      |                               |            | 56 | E17628/ØY                                      | E17630/ØY              | --                                    | --                     |
|         |                      | 3conical<br>3conico           | 1.6 >> 2.5 | 46 | E17639/ØY                                      | E17641/ØY              | --                                    | --                     |
|         |                      |                               |            | 56 | E17640/ØY                                      | E17642/ØY              | --                                    | --                     |

Spacers are not provided with cooling bushes. / Le boccole portaugello condizionate sono prive di distanziali.

\* Thermoplay reserves the right to evaluate the feasibility of the gate diameter with respect to the extra length  
Thermoplay si riserva in fase d'ordine di valutare la fattibilità del diametro del foro rispetto all'altezza dell'extralunghezza