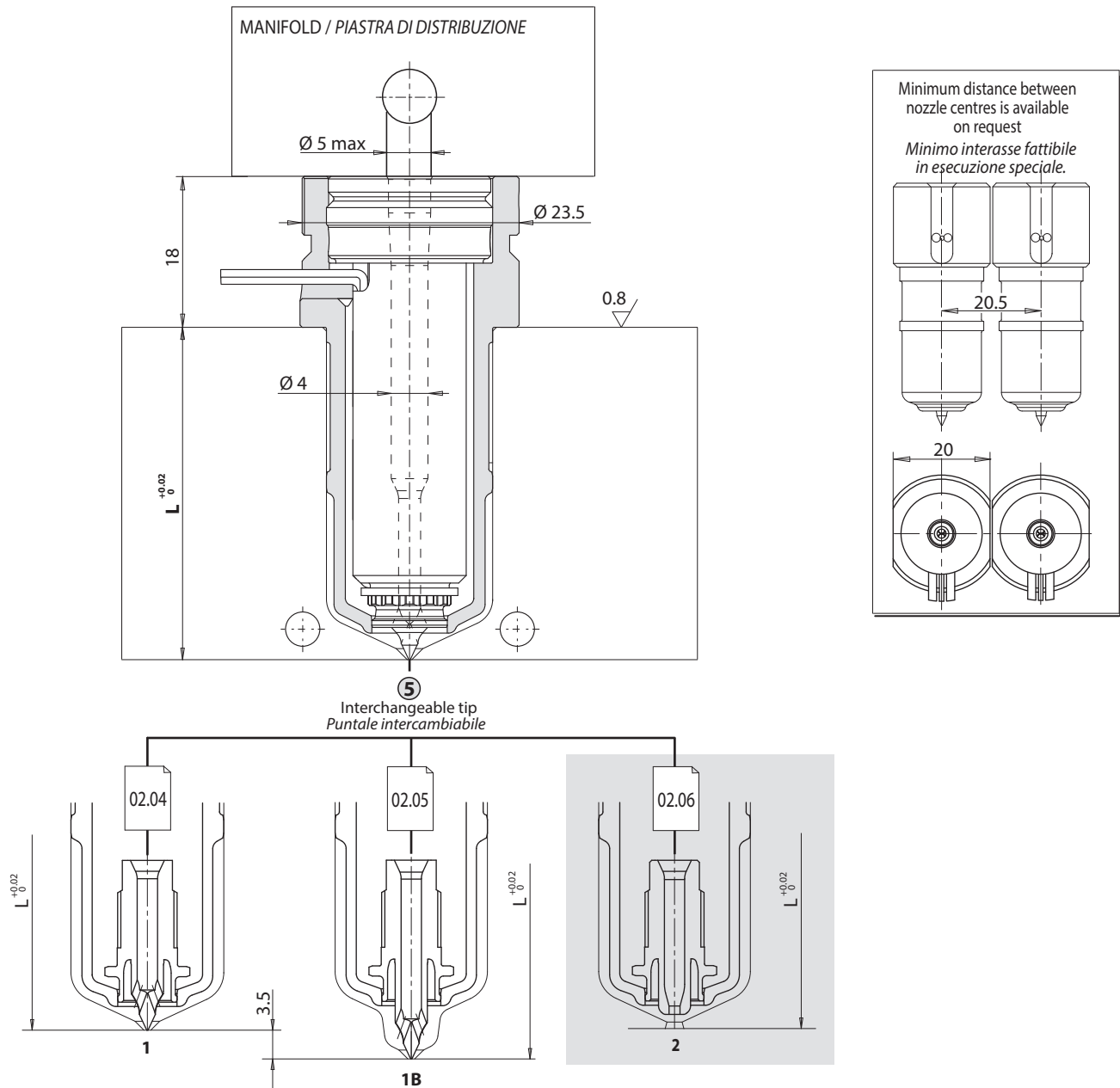




NOZZLE TD / UGELLO TD

Ordering code example / Esempio d'ordine ugello:

① ② ③ ④ ⑤
T D 1 8 0 8 6 - 1 - J G

① TD Nozzle type / Tipo ugello (TD)

② 18 Ø nozzle / Diametro ugello (Ø18)

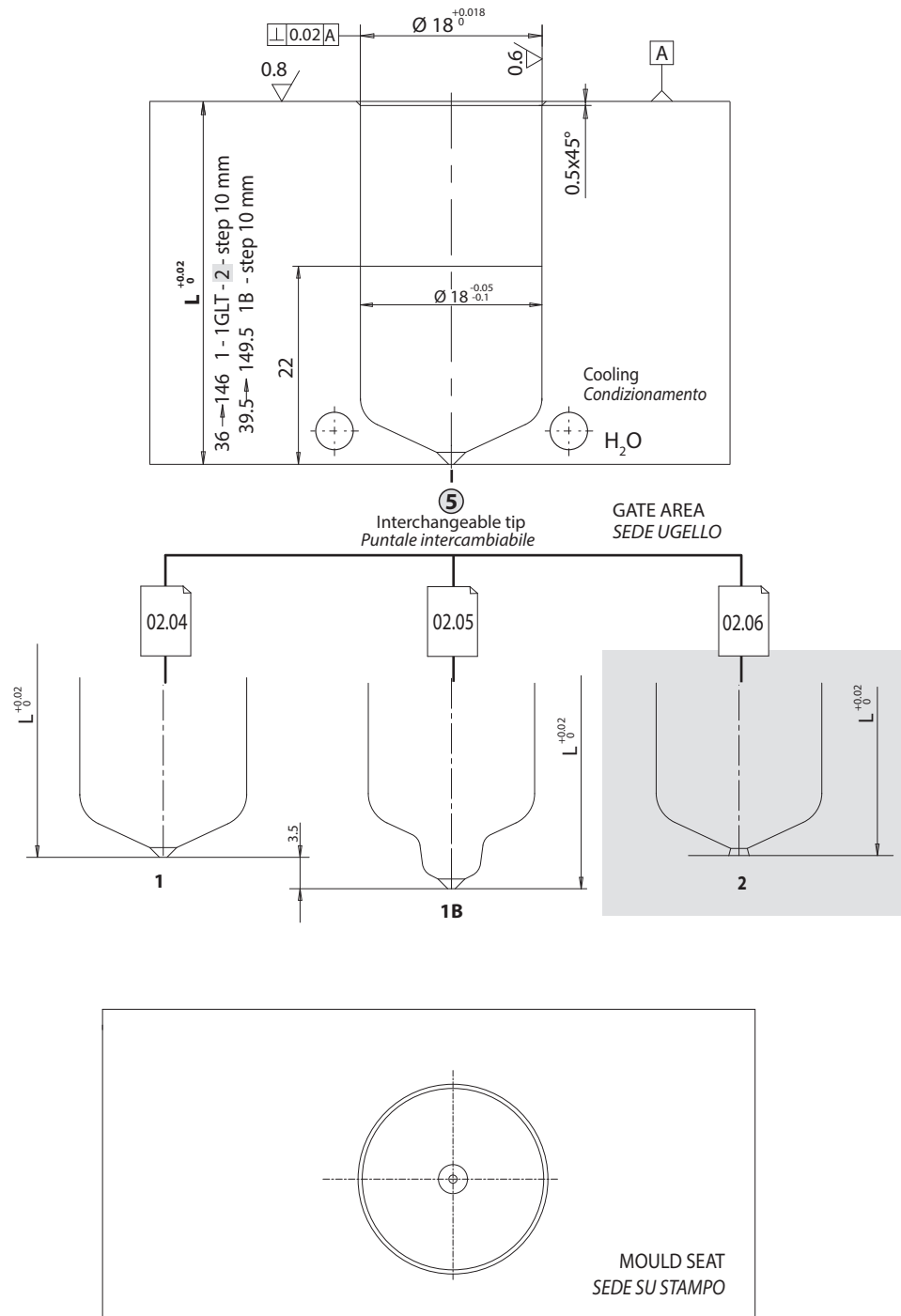
③ 086 Nozzle length / Lunghezza ugello (L=86)

④ 1 Tip type / Tipo puntale (1-1B-2)

⑤ JG Thermocouple type (grounded) / Tipo termocoppia (a massa)

02.07

The highlighted types are not available on stock. Delivery times are to be agreed. All applications subjected to Thermoplay A.E. review
 Le tipologie evidenziate non sono a magazzino. I tempi di consegna sono da concordare. Tutte le applicazioni sono soggette a verifica in fase di offerta.



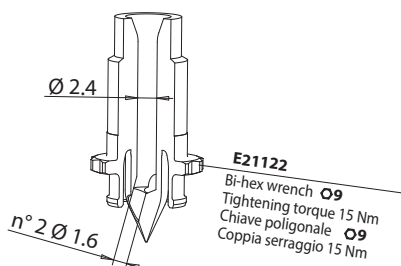


TYPE 1: Nozzle suitable for moulding parts where the injection vestige is important. The nozzle is suitable for filled and abrasive materials. If compared with TF series nozzles, TD nozzles have the sealing area on the external body rather than the tip and requires less accurate machining of the seat.

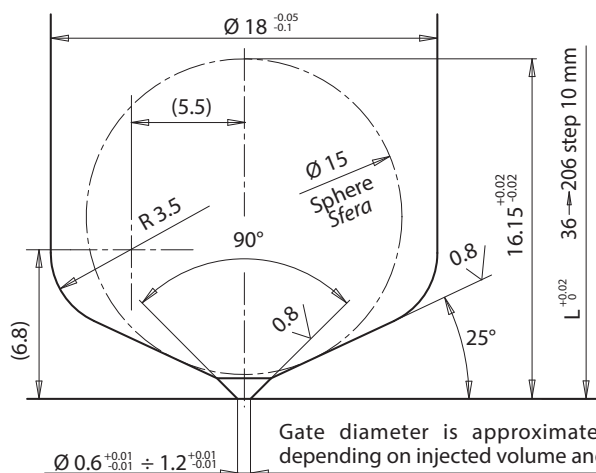
TIPO 1: L'ugello TD-1 è idoneo allo stampaggio di particolari dove è richiesto un buon aspetto estetico del punto di iniezione. A differenza degli ugelli serie TF la tenuta dell'ugello è fatta sul corpo dell'ugello anziché sul puntale. L'ugello è idoneo allo stampaggio di materiali con cariche abrasive.

TIP GROUP / GRUPPO PUNTALE

Type Tipo	Code Codice
1	E20901



GATE AREA / SEDE UGELLO



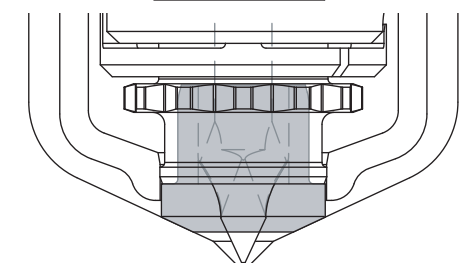
Gate diameter is approximate and could vary depending on injected volume and part wall thickness.

Il diametro d'iniezione è INDICATIVO e può variare in funzione del volume iniettato, del materiale termoplastico e dello spessore del pezzo stampato.

COLOUR CHANGE BUSHING / BOCCOLA CAMBIO COLORE

Available upon request / Disponibile su richiesta

Code / Codice
E20911





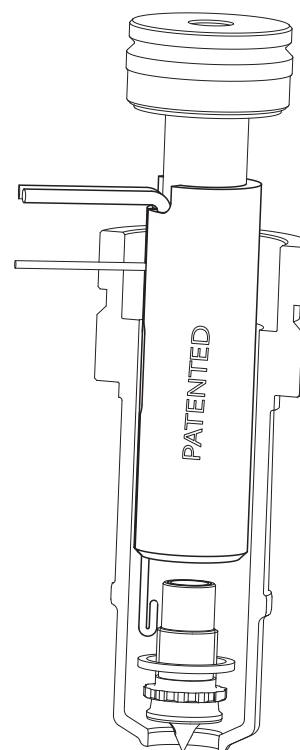
HEATER AND THERMOCOUPLE / RESISTENZA E TERMOCOPPIA UGELLO

L ③	L Type 1B35 Tipo 1B35	Heater code Resistenza ugello	Watt	Thermocouple / Termocoppia ugello ⑤	
				grounded / a massa .. - JG	insulated / isolata .. - JU
36	39.5	E09394	200	E05302	E16027
46	49.5	E09395	200		
56	59.5	E09310	200		
66	69.5	E09311	200		
76	79.5	E09312	200		
86	89.5	E09313	200	E05504	E16029
96	99.5	E09314	200		
106	109.5	E09315	200		
116	119.5	E09316	200		
126	129.5	E09317	200		
136	139.5	E09318	220	E05917	E16030
146	149.5	E09319	220		

- ⑥ .. - JG Grounded thermocouple with J type calibration
Termocoppia ugello a massa tipo J
- ⑥ .. - JU Insulated thermocouple with J type calibration
Termocoppia ugello isolata tipo J

Suffix Suffisso ⑥	Description Descrizione
.. - JG	Grounded thermocouple with J type calibration Termocoppia ugello a massa tipo J
.. - JU	Insulated thermocouple with J type calibration Termocoppia ugello isolata tipo J

cables / Cavi	HEATER / RESISTENZA	
	White / Red-White Bianco / Rosso-Bianco	230 V
	THERMOCOUPLE TERMOCOPPIA	
	Red / Rosso	TC+
	Blue / Blu	TC-



Ordering code example / Esempio d'ordine ugello:

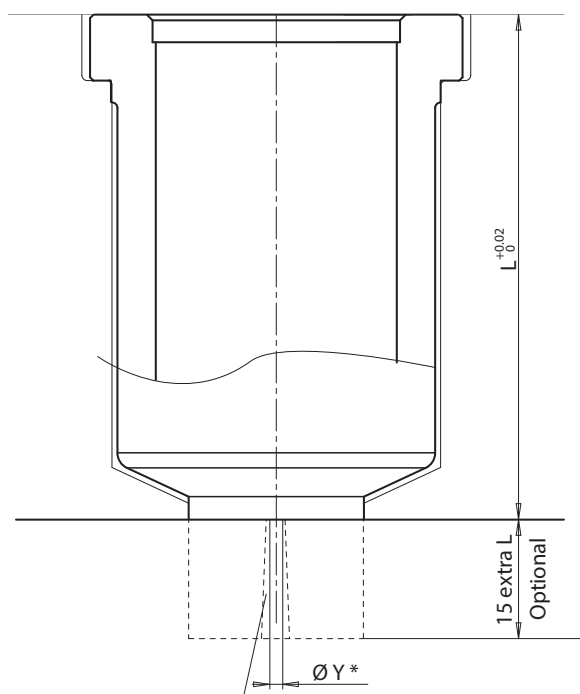
① ② ③ ⑤ ⑥
T D 2 2 0 8 6 - 1 - J U

- ① TD nozzle type / Tipo ugello (TD)
- ② 22 Nozzle diameter / Diametro ugello (Ø22)
- ③ 086 Nozzle length / Lunghezza ugello (L=086)
- ⑤ 1 Tip type / Tipo puntale (1)
- ⑥ JU Thermocouple type / Tipo termocoppia (insulated / isolata)

If not specified, grounded thermocouple are supplied / Se non specificato fornito termocoppia a massa

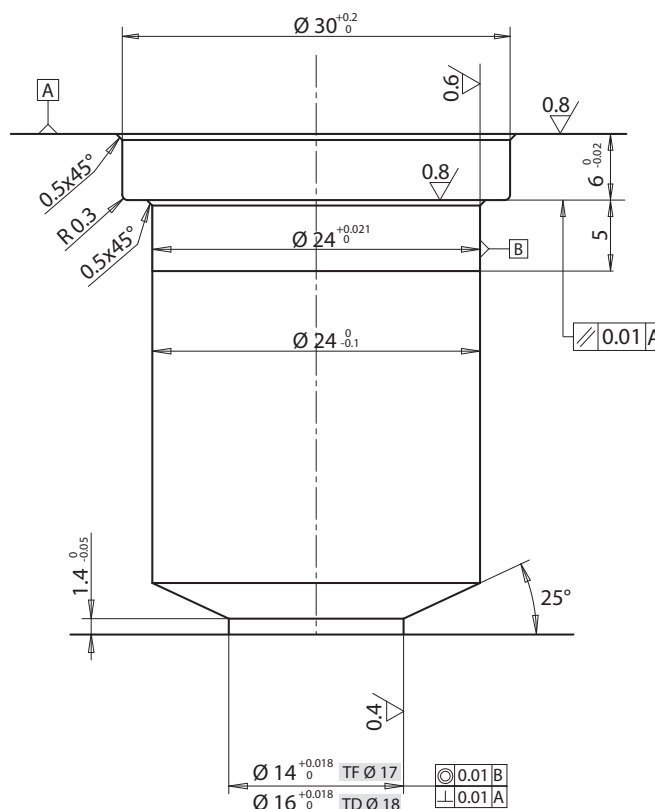


BUSHING / BOCCOLA



Draft angle at customer care
Sformatura a cura cliente

BUSHING CUTOUT / SEDE BOCCOLA



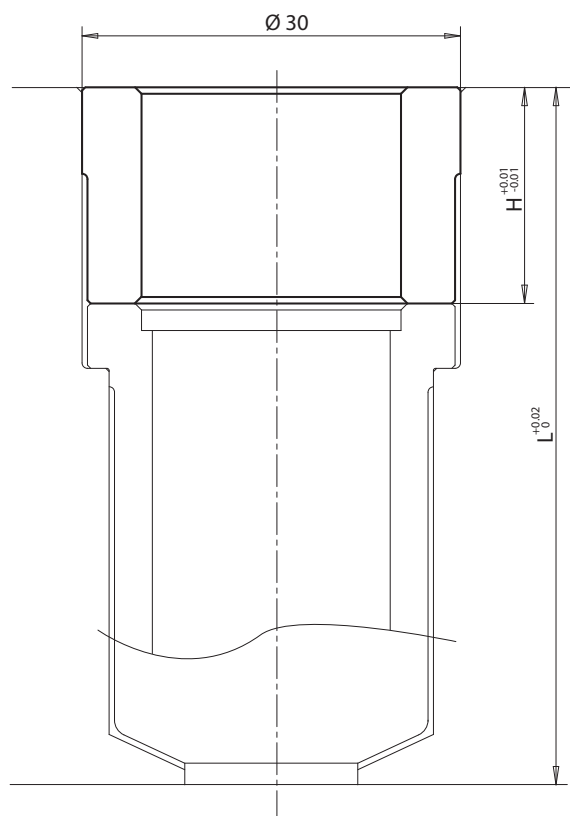
TF Ø 17	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TF Ø 17 sliding nozzles/ugelli a rasamento		TF6 Ø 17 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
	17	1 - 1GLT	0.6 >> 1.2	36	E09505/ØY	E09507/ØY	E16875/ØY	E16877/ØY
				46	E09506/ØY	E09508/ØY	E16876/ØY	E16878/ØY
		2 - 2P	1.0 >> 2.0	36	E09677/ØY	E09679/ØY	E16879/ØY	E16881/ØY
				46	E09678/ØY	E09680/ØY	E16880/ØY	E16882/ØY
		3 cylindrical 3 cilindrico	0.8 >> 1.8	36	E09686/ØY	E09688/ØY	MOØ17 - pag. 11.10	
				46	E09687/ØY	E09689/ØY		
		3conical 3conico	0.8 >> 1.3	36	E09910/ØY	E09912/ØY		
				46	E09911/ØY	E09913/ØY		

TD Ø 18	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TD Ø 18 sliding nozzles/ugelli a rasamento		TD6 Ø 18 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
	18	1 - 1GLT	0.6 >> 1.2	36	E17028/ØY	E17030/ØY	E17028/ØY	E17030/ØY
				46	E17029/ØY	E17031/ØY	E17029/ØY	E17031/ØY
		2	1.0 >> 1.8	36	E17768/ØY	E17770/ØY	E17768/ØY	E17770/ØY
				46	E17769/ØY	E17771/ØY	E17769/ØY	E17771/ØY
		3 cylindrical 3 cilindrico	0.8 >> 1.1	36	E17935/ØY	E17937/ØY	--	--
				46	E17936/ØY	E17938/ØY	--	--
		3conical 3conico	0.8 >> 1.2	36	E17939/ØY	E17941/ØY	--	--
				46	E17940/ØY	E17942/ØY	--	--

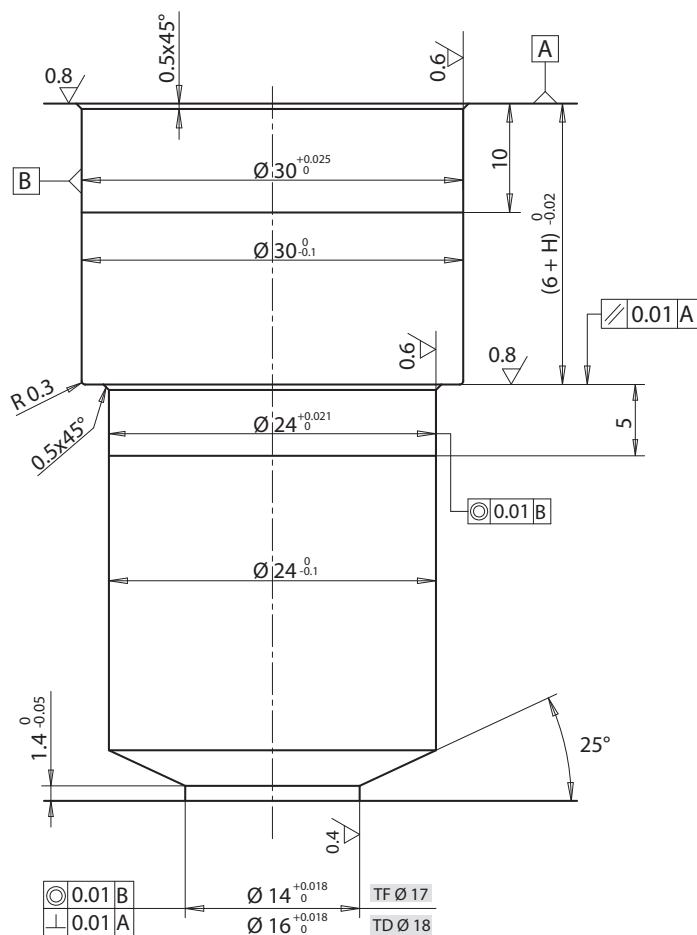
* Thermoplay reserves the right to evaluate the feasibility of the gate diameter with respect to the extra length
Thermoplay si riserva in fase d'ordine di valutare la fattibilità del diametro del foro rispetto all'altezza dell'extralunghezza



SPACER / DISTANZIALE



SPACER CUTOUT / SEDE DISTANZIALE



TF Ø 17

TF Ø 17
sliding
nozzles
ugelli a
rasamento

H	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170
---	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----

TF6 Ø 17
single
nozzles
monougelli

E16891	E16892	E16893	E16894	E16895	E16896	E16897	E16898	E16899	E16900	E16901	E16902	E16903	E16904	E16905	E16906	E16907
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

TD Ø 18

TD Ø 18
sliding
nozzles
ugelli a
rasamento

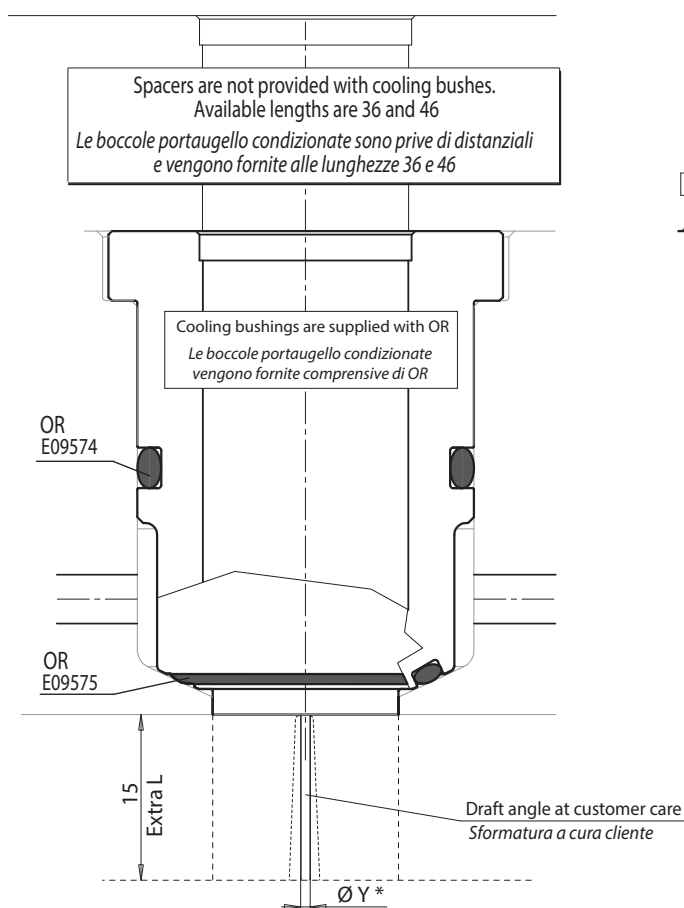
H	10	20	30	40	50	60	70	80	90	100
---	----	----	----	----	----	----	----	----	----	-----

TD6 Ø 18
single
nozzles
monougelli

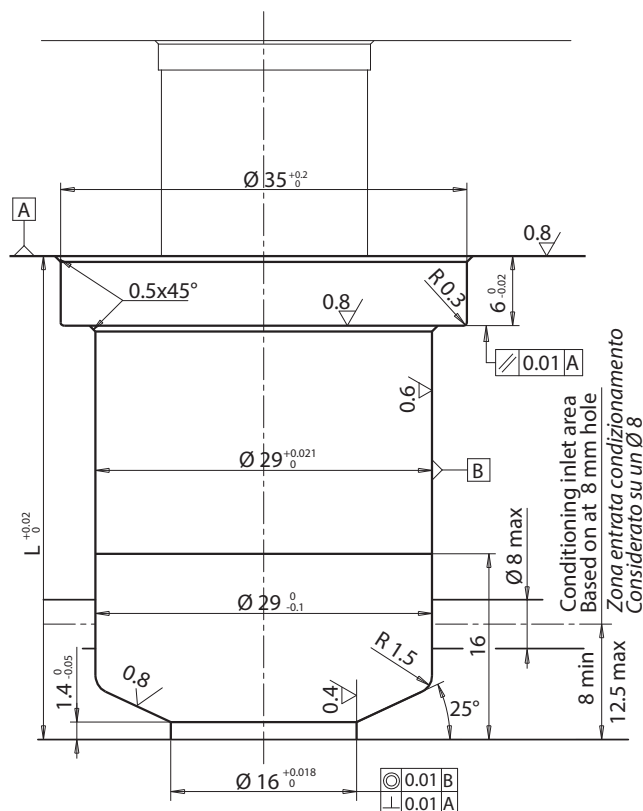
E09518	E09519	E09520	E09521	E09522	E09523	E09524	E09525	E09526	E09527
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------



BUSHING / BOCCOLA



BUSHING CUTOUT / SEDE BOCCOLA

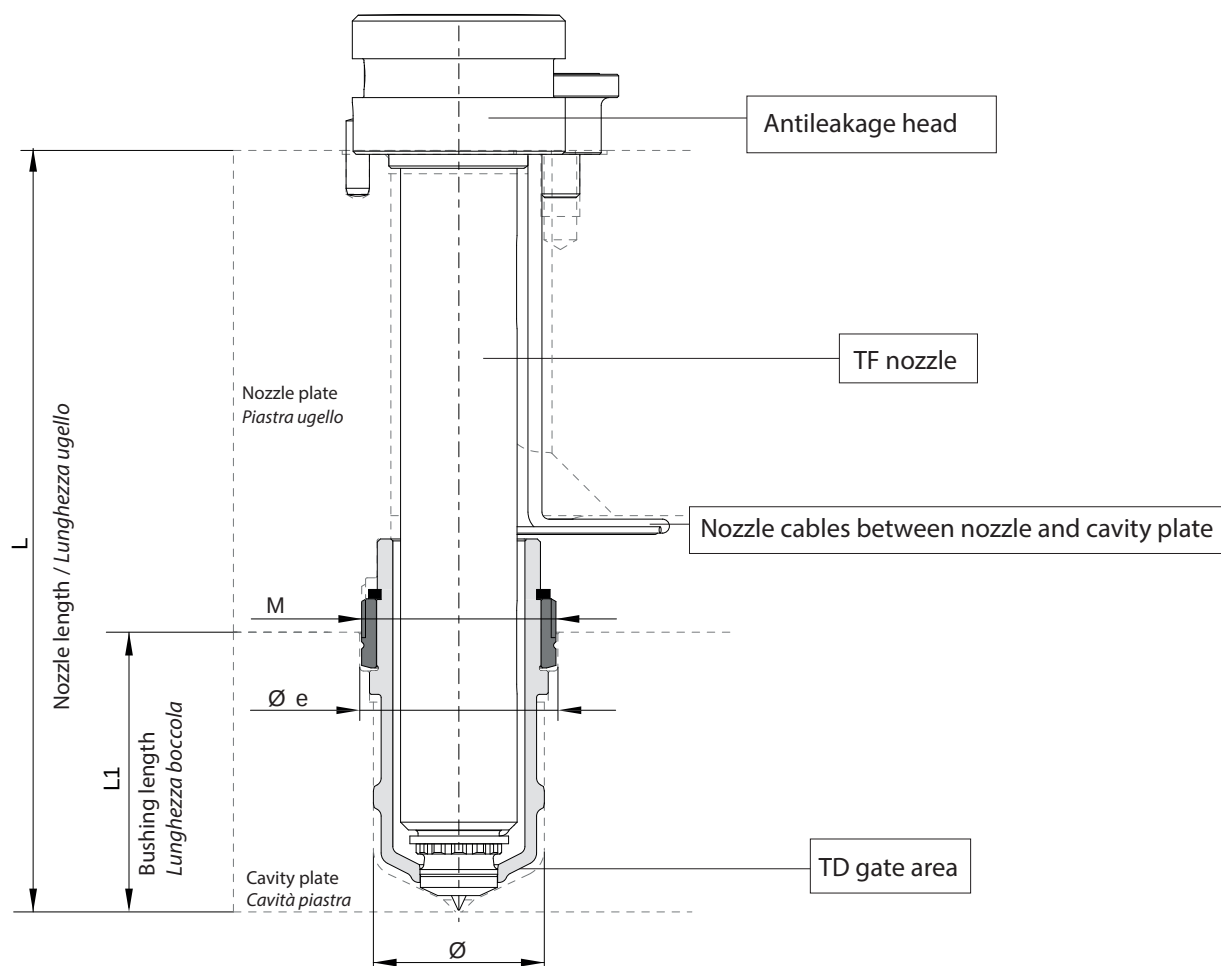


* Thermoplay reserves the right to evaluate the feasibility of the gate diameter with respect to the extra length

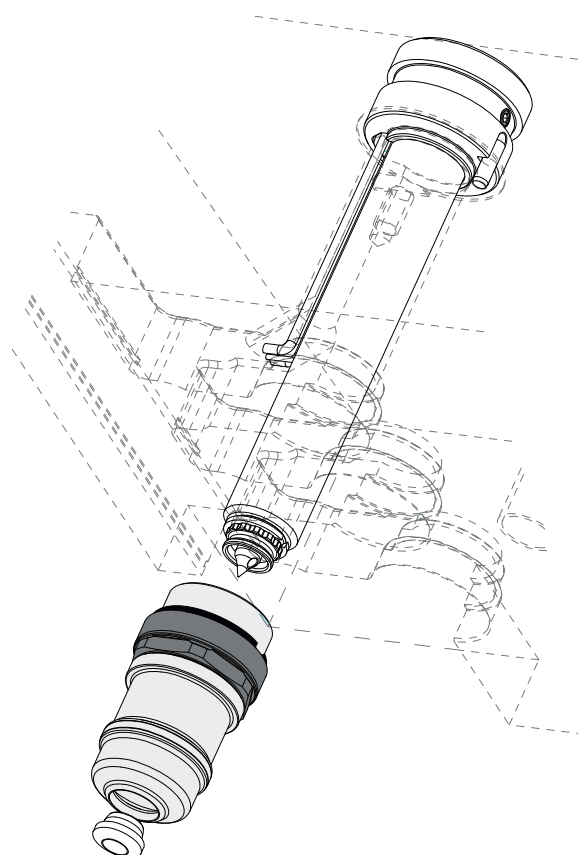
Thermoplay si riserva in fase d'ordine di valutare la fattibilità del diametro del foro rispetto all'altezza dell'extralunghezza

TF Ø 17	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TF Ø 17 sliding nozzles/ugelli a rasamento		TF6 Ø 17 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
					MOØ17 - pag. 11.11			
17		1 - 1GLT	0.6 >> 1.2	36	E09568/ØY	E09570/ØY	E16908/ØY	E16910/ØY
				46	E09569/ØY	E09571/ØY	E16909ØY	E16911/ØY
		2 - 2P	1.0 >> 2.0	36	E09681/ØY	E09683/ØY	E16912/ØY	E1914/ØY
				46	E09682/ØY	E09684/ØY	E16913/ØY	E16915/ØY
		3 cylindrical 3 cilindrico	0.8 >> 1.8	36	E09690/ØY	E09692ØY	MOØ17 - pag. 11.11	
				46	E09691/ØY	E09693/ØY		
		3conical 3conico	0.8 >> 1.3	36	E09918/ØY	E09920/ØY	MOØ17 - pag. 11.11	
				46	E09919/ØY	E09921ØY		
		1D-3D	--	36	E09700	--	E16924	--
				46	E09701	--	E16925	--
		2D	--	36	E09713	--	E16926	--
				46	E09714	--	E16927	--

TD Ø 18	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TD Ø 18 sliding nozzles/ugelli a rasamento		TD6 Ø 18 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
18		1 - 1GLT	0.6 >> 1.2	36	E17032/ØY	E17034/ØY	E17032/ØY	E17034/ØY
				46	E17033/ØY	E17035/ØY	E17033/ØY	E17035/ØY
		2	1.0 >> 1.8	36	E17784/ØY	E17786/ØY	E17784/ØY	E17786/ØY
				46	E17785/ØY	E17787/ØY	E17785/ØY	E17787/ØY
		3 cylindrical 3 cilindrico	0.8 >> 1.1	36	E17943/ØY	E17945/ØY	--	--
				46	E17944/ØY	E17946/ØY	--	--
		3conical 3conico	0.8 >> 1.2	36	E17947/ØY	E17949/ØY	--	--
				46	E17948/ØY	E17950/ØY	--	--



For nozzle Per ugello	Ø	M	Ø e
TF Ø 14	18	M22	24
TF Ø 17	22	M25	25.5
TF Ø 23	30	M35	35.5



Not available on stock. Delivery times are to be agreed. *Non disponibile a magazzino. I tempi di consegna sono da concordare.*