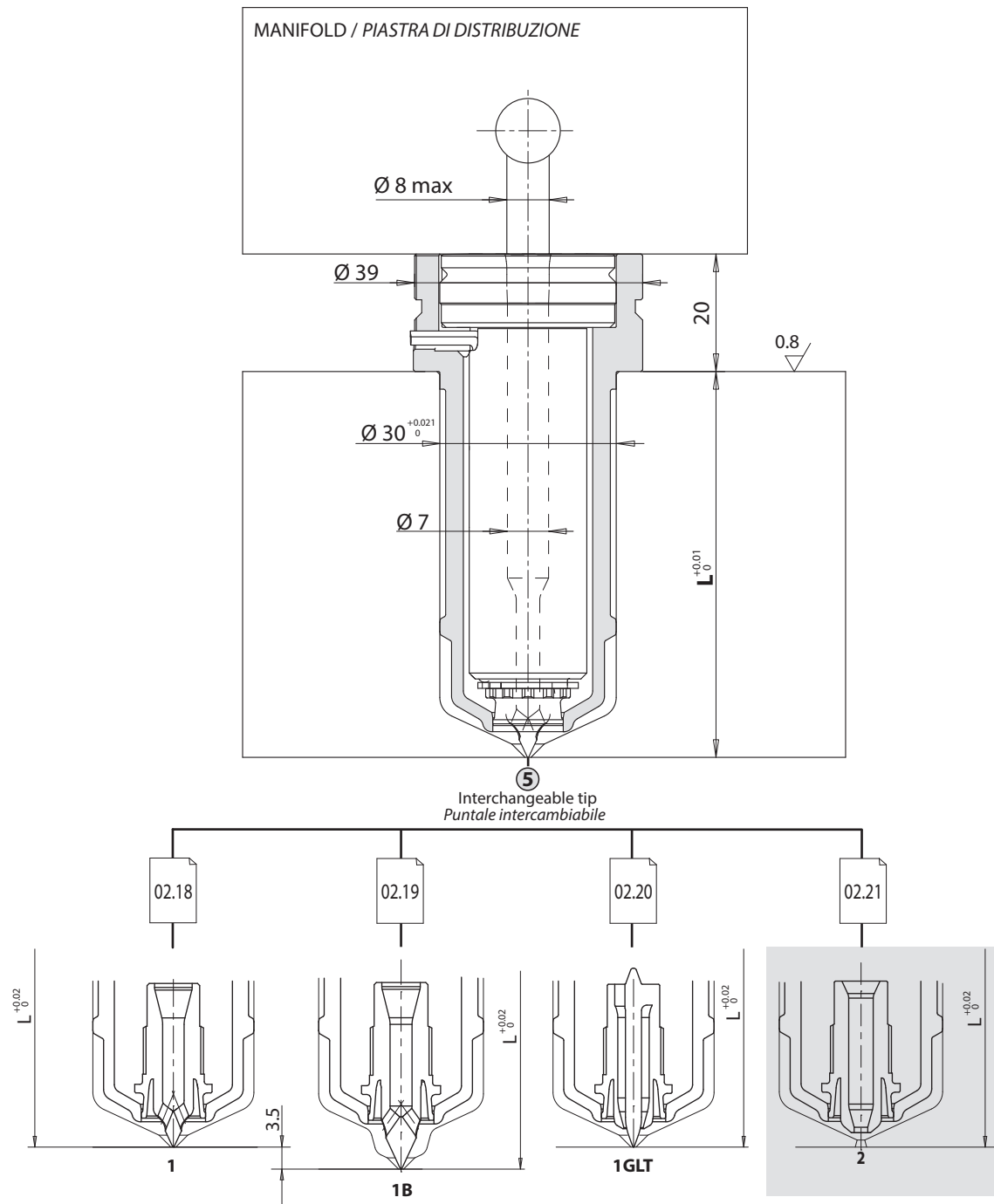




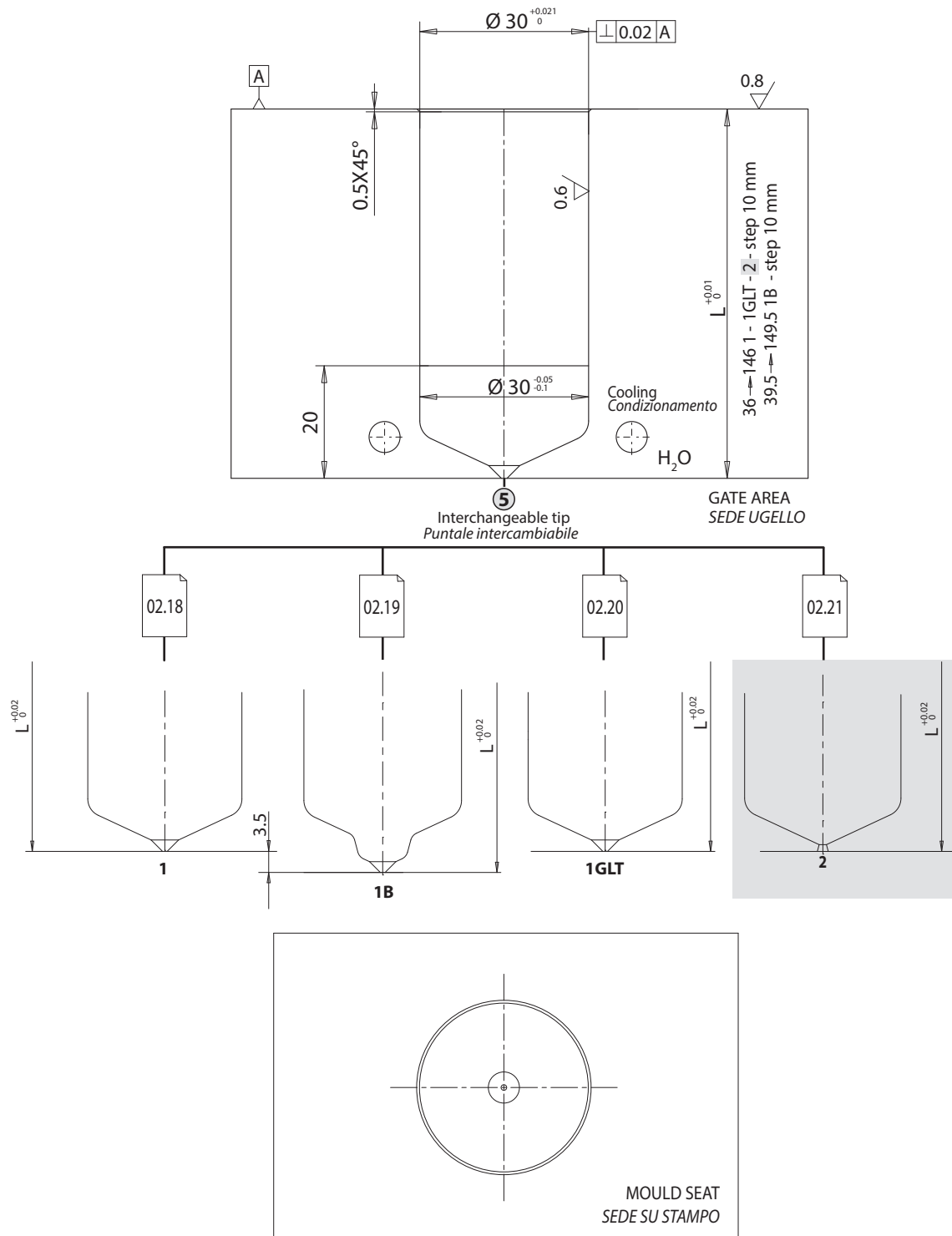
Ordering code example / Esempio d'ordine ugello:

① ② ③ ⑤ ⑥
T D 3 0 0 8 6 - 1 - J U

- ① TD Nozzle type / Tipo ugello (TD)
② 30 Nozzle diameter / Diametro ugello (Ø30)
③ 086 Nozzle length / Lunghezza ugello (L=86)
⑤ 1 Tip type / Tipo puntale (1, 1B, 1GLT, 2)
⑥ JG Thermocouple type (grounded)
Tipo termocoppia (a massa)

02.22

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.



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.

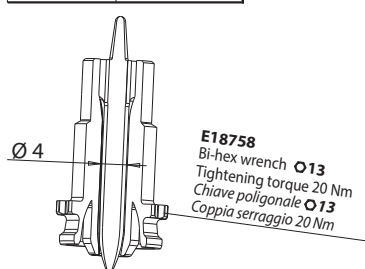


TYPE TD-1GLT: Nozzle suitable for moulding materials with metal particles. It is suitable for moulding parts where appearance is of great importance. This particular tip shape allows for a uniform material distribution, therefore reducing flow paths. The sector of application of this nozzle is linked to cosmetics and packaging. Sectors in which appearance of the moulded piece is very important.

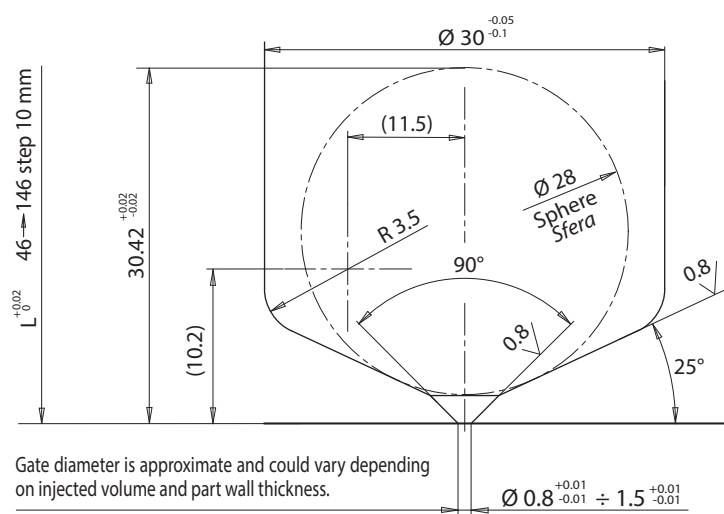
TIPO TD-1GLT: Ugello idoneo allo stampaggio di materiali con cariche metallizzate, è adatto allo stampaggio di particolari in cui l'aspetto estetico ha grande importanza. La geometria del puntale riduce segni di flusso sul pezzo stampato. Il settore di applicazione di questo ugello è legato alla cosmetica e al packaging, settori nel quale l'aspetto estetico del pezzo stampato è molto importante.

TIP GROUP / GRUPPO PUNTALE

Type Tipo	Code Codice
④ 1GLT	E21125

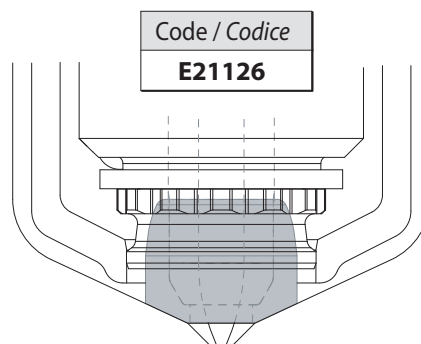


GATE AREA / SEDE UGELLO



COLOUR CHANGE BUSHING / BOCCOLA CAMBIO COLORE

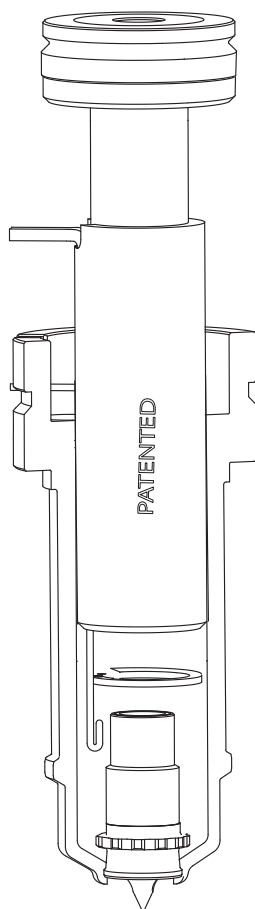
Available upon request / Disponibile su richiesta



Standard and cooling bushings on pages 14.10-13 / Boccole portaugelli normali e condizionate pag. 14.10-13.



HEATER AND THERMOCOUPLE / RESISTENZA E TERMOCOPPIA UGELLO



L	③ L Type TD-1B35 Tipo TD-1B35	Heater code Resistenza ugello	Watt	Thermocouple / Termocoppia ugello ⑤	
				grounded / a massa .. - JG	insulated / isolata .. - JU
46	49.5	E20630	200	E05302	E16027
56	59.5	E20631	200		
66	69.5	E20632	200		
76	79.5	E20633	200		
86	89.5	E20634	200	E05504	E16029
96	99.5	E20635	250		
106	109.5	E20636	250		
116	119.5	E20637	250		
126	129.5	E20638	250	E05917	E16030
136	139.5	E20639	270		
146	149.5	E20640	270		

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

Suffix Suffisso ⑤	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:

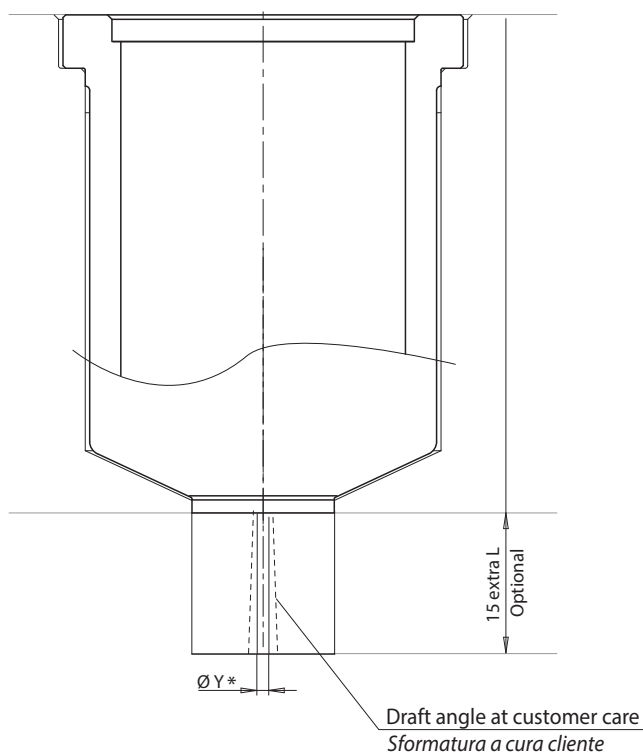
① ② ③ ⑤ ⑥
T D 3 0 0 8 6 - 1 - J U

- ① **TD** nozzle type / Tipo ugello (**TD**)
- ② **30** Nozzle diameter / Diametro ugello (**Ø30**)
- ③ **086** Nozzle length / Lunghezza ugello (**L=086**)
- ⑤ **1** Tip type / Tipo puntale (**1**)
- ⑥ **JU** Thermocouple type / Tipo termocoppia (**insulated / isolata**)

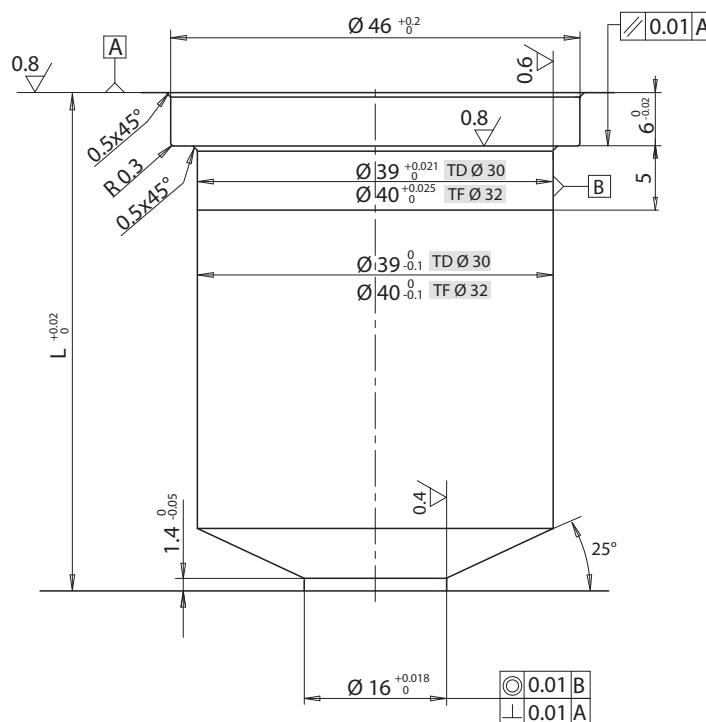
If not specified, grounded thermocouple are supplied / Se non specificato fornito termocoppia a massa



BUSHING / BOCCOLA



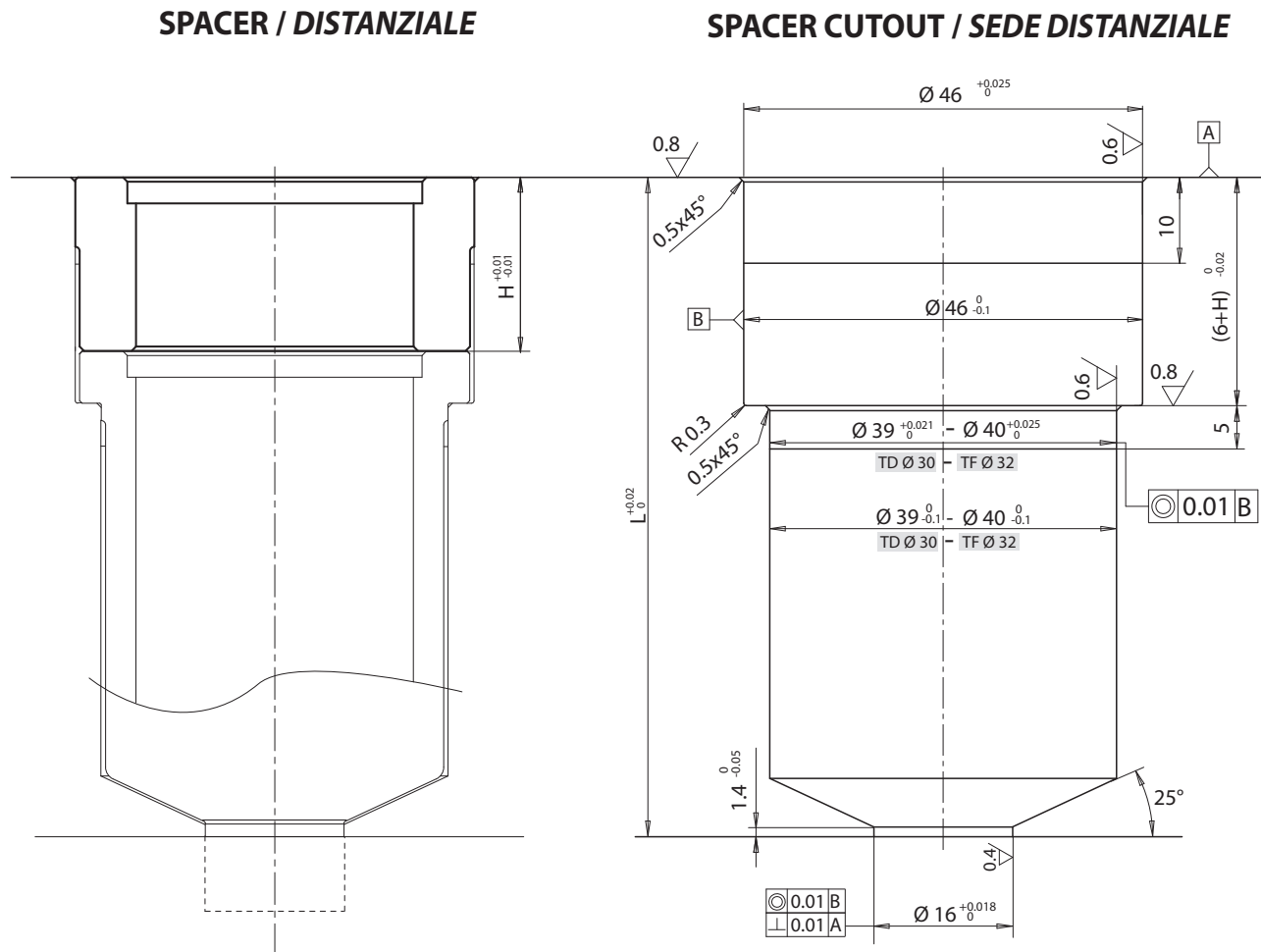
BUSHING CUTOUT / SEDE BOCCOLA



TF Ø 32	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TF Ø 32 sliding nozzles/ugelli a rasamento		TF6 Ø 32 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice 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 3 cilindrico		1.6 >> 3	56	E09972/ØY	E09974/ØY	MOØ32 - pag. 11.30		
			66	E09973/ØY	E09975/ØY			
3conical 3conico	1.6 >> 2.5	56	E09976/ØY	E09978/ØY				
		66	E09977/ØY	E09979/ØY				

TD Ø 30	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TD Ø 30 sliding nozzles/ugelli a rasamento		TD6 Ø 30 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice 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 3 cilindrico	1.6>> 2	46	E17603/ØY	E17605/ØY	--	--
				56	E17604/ØY	E17606/ØY	--	--
		3conical 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



TF Ø 32

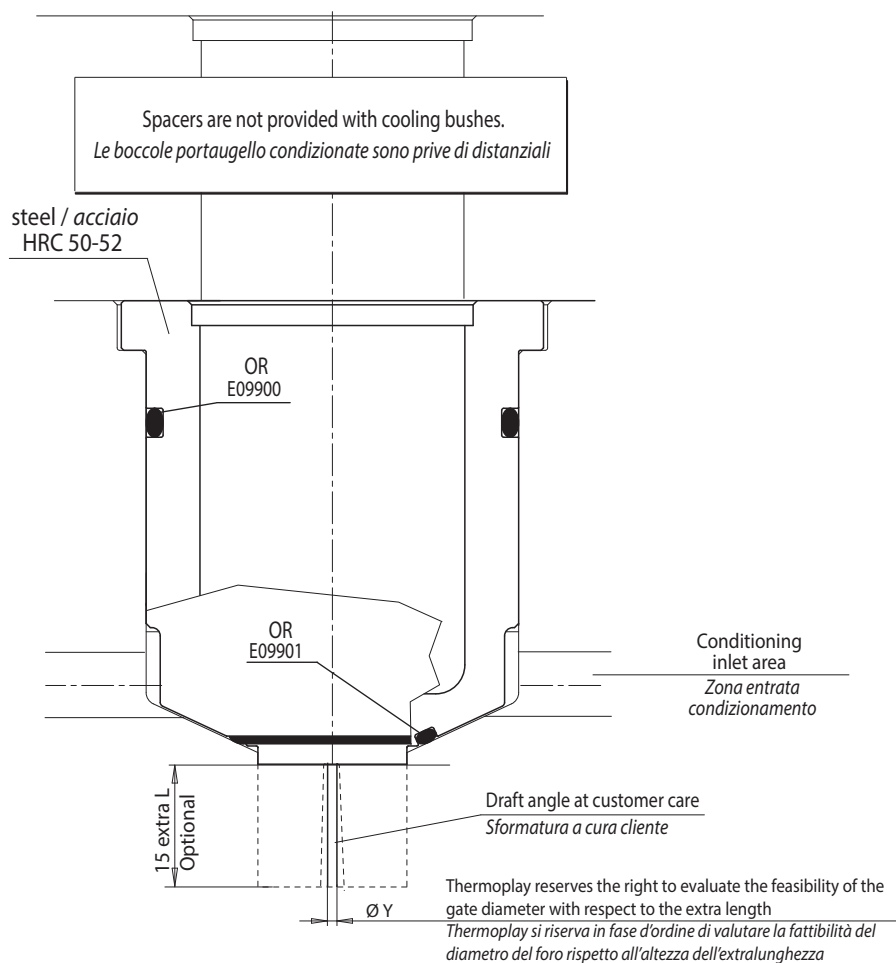
TF Ø 32 sliding nozzles ugelli a rasamento	E15019	E15020	E15021	E15022	E15023	E15024	E15025	E15026	E15027	E15028	E15029	E15030	E15031	E15032	E15033	E15034	E15035	E15036	E15037	E15038
H	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
TF6 Ø 32 single nozzles monougelli	E15019	E15020	E15021	E15022	E15023	E15024	E15025	E15026	E15027	E15028	E15029	E15030	E15031	E15032	E15033	E15034	E15035	E15036	E15037	E15038

TD Ø 30

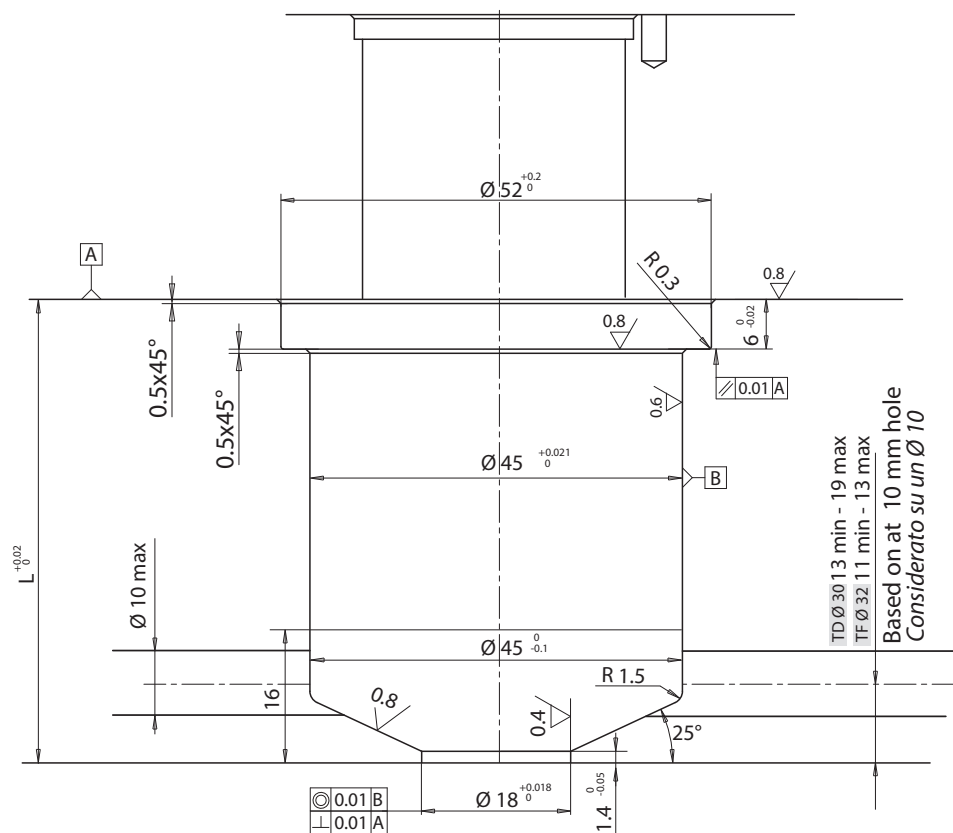
TD Ø 30 sliding nozzles ugelli a rasamento	E06819	E06820	E17736	E06821	E17737	E17738	E06822	E17739	E17740
H	20	30	40	50	60	70	80	90	100
TD6 Ø 30 single nozzles monougelli	E06819	E06820	E17736	E06821	E17737	E17738	E06822	E17739	E17740



BUSHING / BOCCOLA



BUSHING CUTOUT / SEDE BOCCOLA





TF Ø 32	Nozzle Ø Ø Ugello	TIPO TYPE	Ø Y *	L	TF Ø 32 sliding nozzles ugelli a rasamento		TF6 Ø 32 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice 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 3 cilindrico	1.6 >> 3	56	E15011/ØY	E15013ØY	MOØ32 - pag. 11.31	
				66	E15012/ØY	E15014/ØY		
		3conical 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 Ø Ugello	TIPO TYPE	Ø Y *	L	TD Ø 30 sliding nozzles /ugelli a rasamento		TD6 Ø 30 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice 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 3 cilindrico	1.6 >> 2	46	E17627/ØY	E17629/ØY	--	--
				56	E17628/ØY	E17630/ØY	--	--
		3conical 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