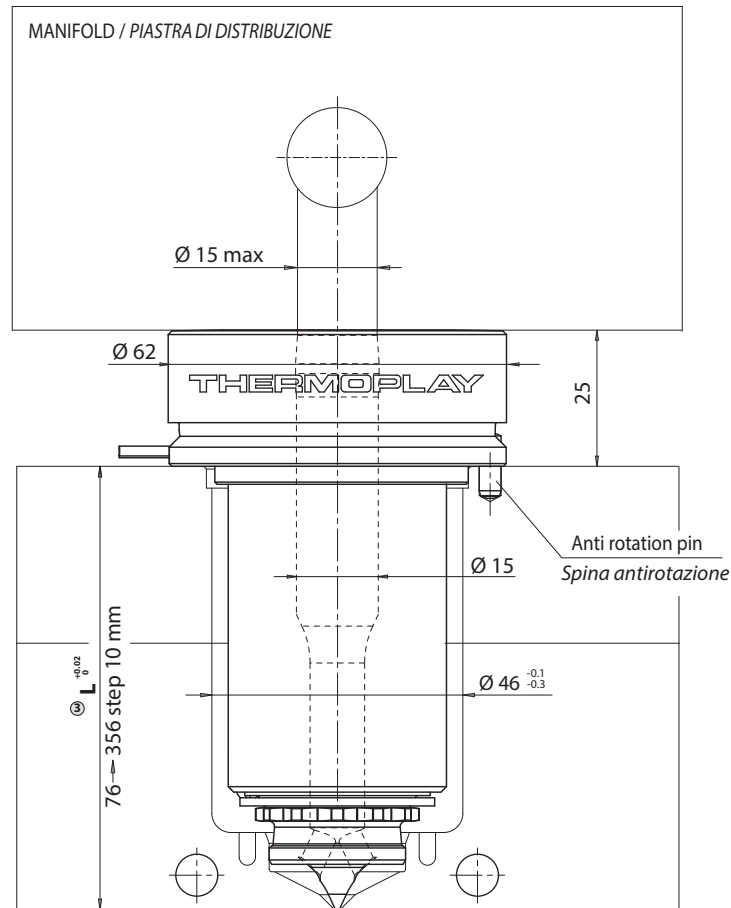
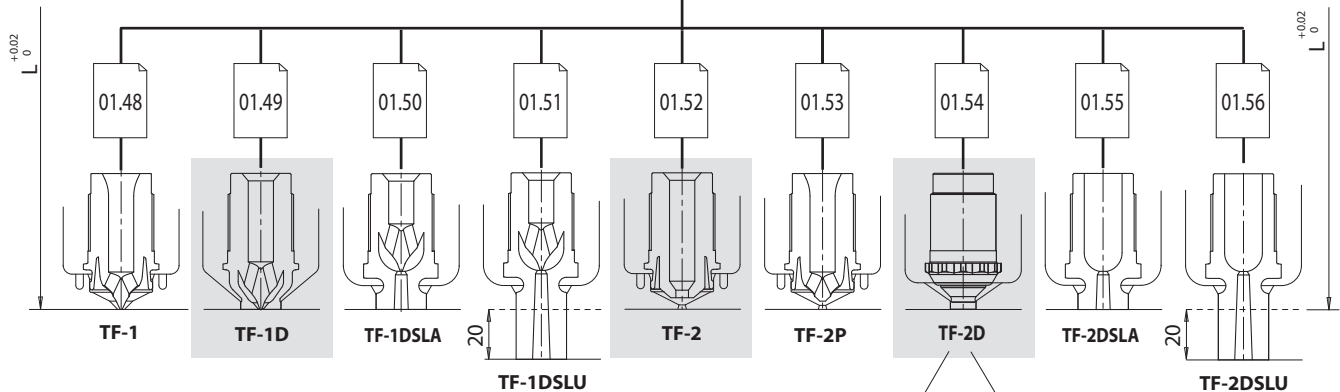




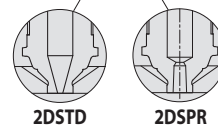
⑤ Interchangeable tips / Puntali intercambiabili



Ordering code example / Esempio d'ordine ugello:

① ② ③ ④ ⑤ ⑥
T F 4 6 3 2 6 - A - 2 P - J G

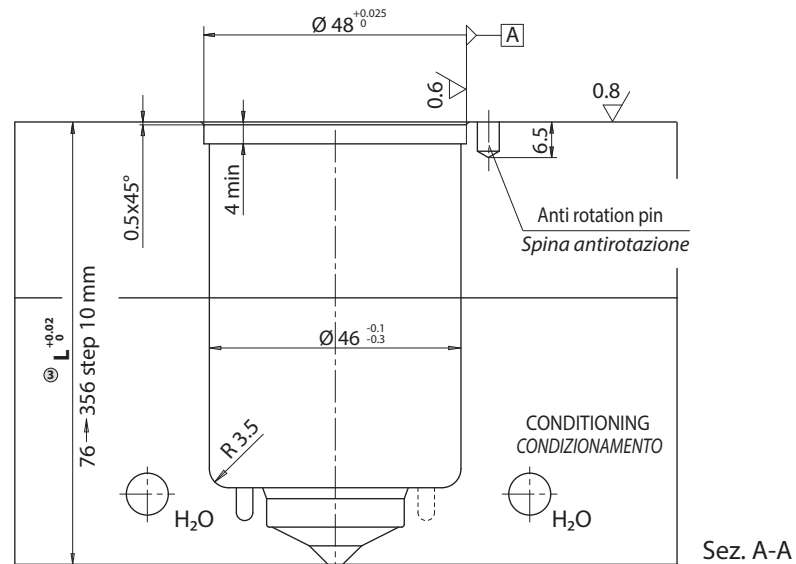
- ① TF Nozzle type / Tipo ugello (TF)
- ② 46 Diameter nozzle / Diametro ugello (Ø46)
- ③ 326 Nozzle length / Lunghezza ugello (L=326)
- ④ A Top heater cable exit / Uscita cavi in alto (A)
- ⑤ 2P Tip type / Tipo puntale (2P)
- ⑥ JG Thermocouple type / Tipo termocoppia (grounded / a massa)



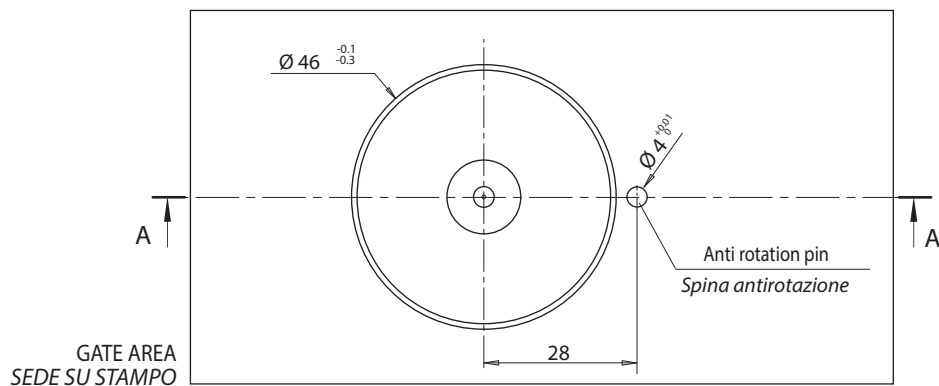
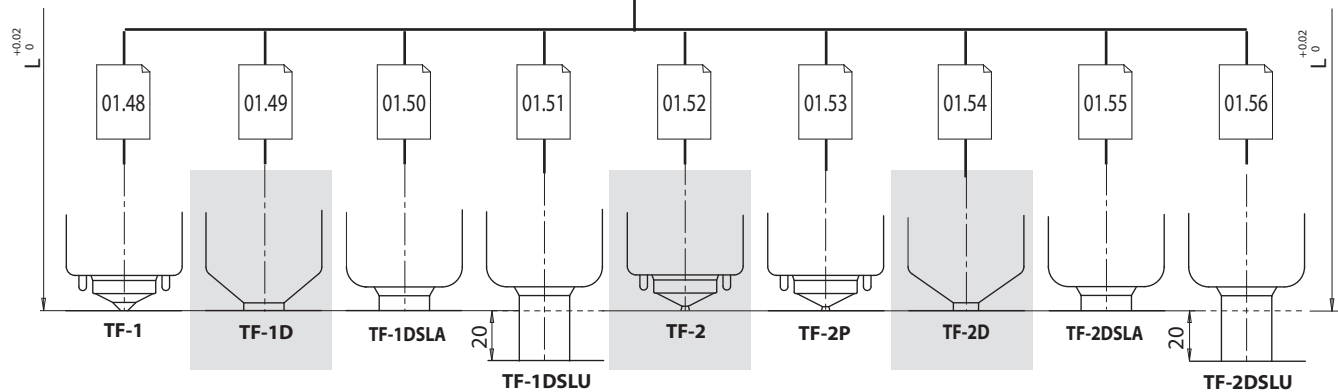
01.57

01.57

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 disponibili a magazzino. I tempi di consegna sono da concordare. Tutte le applicazioni sono soggette a verifica in fase di offerta.



⑤ Interchangeable tips / Puntali intercambiabili



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.

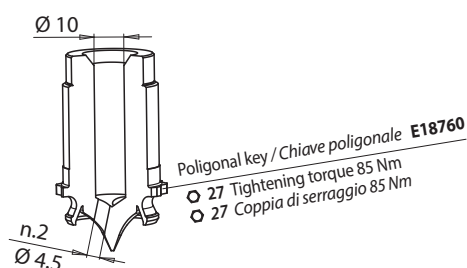


TYPE TF-1: Nozzle suitable for moulding parts where good injection point vestige is required. It is recommended for all polymers also with abrasive fillers.

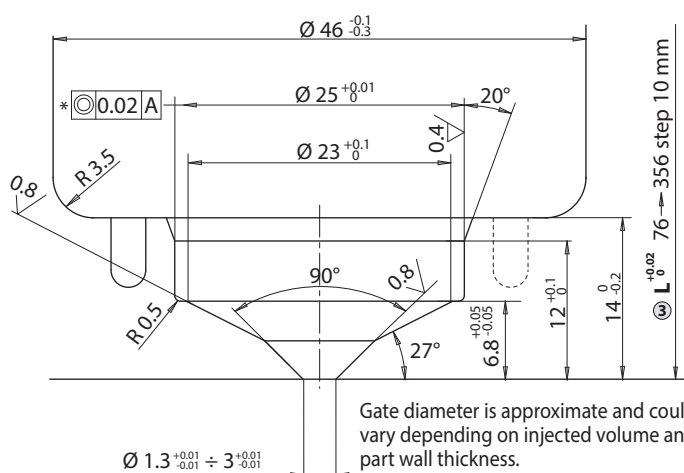
TIPO TF-1: Ugello idoneo allo stampaggio di particolari dove è richiesto un buon aspetto estetico del punto di iniezione. Idoneo allo stampaggio di tutti i materiali anche con cariche abrasive.

TIP GROUP / GRUPPO PUNTALE

⑤ Type / Tipo	Code / Codice
TF-1	E21778

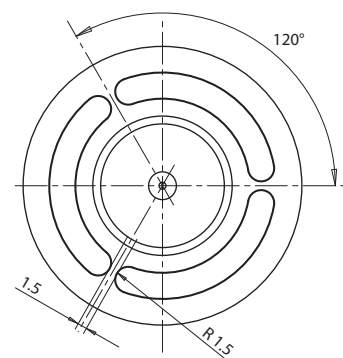
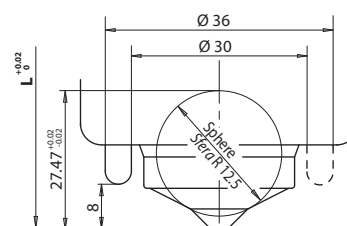


GATE AREA / SEDE UGELLO



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.

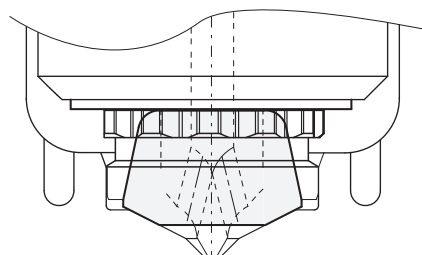


* [A] Ref. page 01.47 for sliding nozzle / page 09.10 for single nozzle
pag. 01.47 per ugelli a rasamento pagina 09.10 per monougelli

COLOUR CHANGE BUSHING / BOCCOLA CAMBIO COLORE

Available upon request / Disponibile su richiesta

Code / Codice
E21788

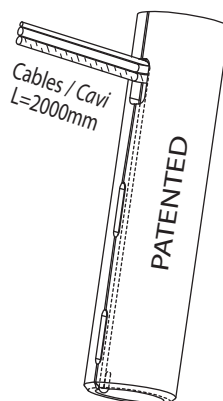


Standard and cooling bushings on pages 14.14-16 / Boccole portaugelli normali e condizionate pag. 14.14-16



HEATER AND THERMOCOUPLE WITH WIRE EXIT AT THE TOP RESISTENZA E TERMOCOPPIA CON USCITA CAVI IN ALTO

③ L	Heater code Codice resistenza	Watt	Thermocouple Codice termocoppia ugello ⑥	
			grounded - a massa .. - JG	insulated - isolata .. - JU
76	E15521	480	E05505-F46	E16037-F46
86	E15522	480		
96	E15147	540		
106	E15148	540		
116	E15149	540		
126	E15150	580	E15206-F46	E16771-F46
136	E15151	580		
146	E15152	580		
156	E15153	640		
166	E15154	640		
176	E15155	640	E15223-F46	E16772-F46
186	E15156	720		
196	E15157	720		
206	E15158	720		
216	E15159	760		
226	E15160	760	E15224-F46	E16773-F46
236	E15161	760		
246	E15162	790		
256	E15163	790		
266	E15164	790		
276	E15165	810	E15225-F46	E16774-F46
286	E15166	810		
296	E15167	810		
306	E15168	840		
316	E15169	840		
326	E15170	840	E15226-F46	E16775-F46
336	E15171	880		
346	E15172	880		
356	E15173	880		



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

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

Description / Descrizione	Code / Codice
Stop thermocouple ring Anello ferma termocoppia	E18746

Ordering code example / Esempio d'ordine ugello:

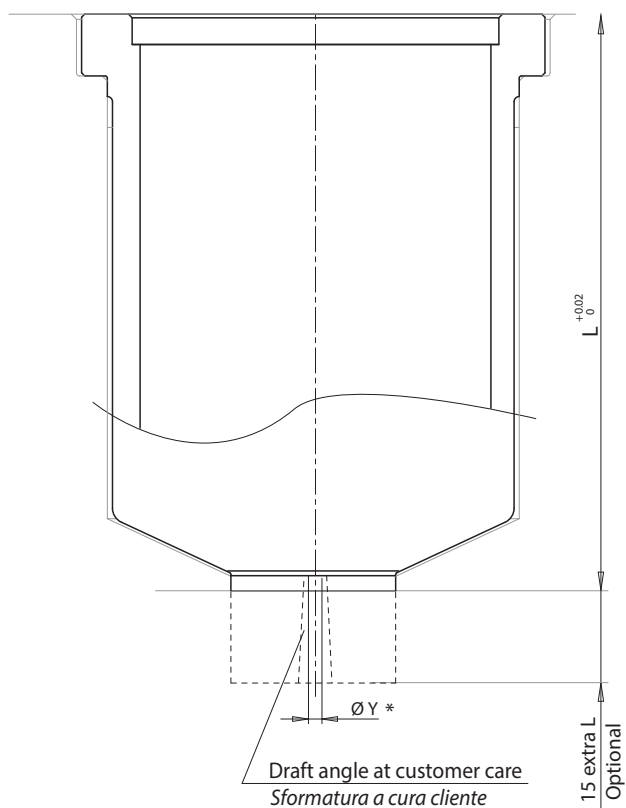
①	②	③	④	⑤	⑥
T	F	46	346	-A-	1-JG

- ① TF nozzle type / Tipo ugello (TF)
- ② 46 Nozzle diameter / Diametro ugello (Ø46)
- ③ 346 nozzle length / Lunghezza ugello (L=346)
- ④ A Top heater cable exit / Uscita cavi in alto (A)
- ⑤ 1 Tip type / Tipo puntale (1)
- ⑥ JG Thermocouple type / Tipo termocoppia (grounded / a massa)

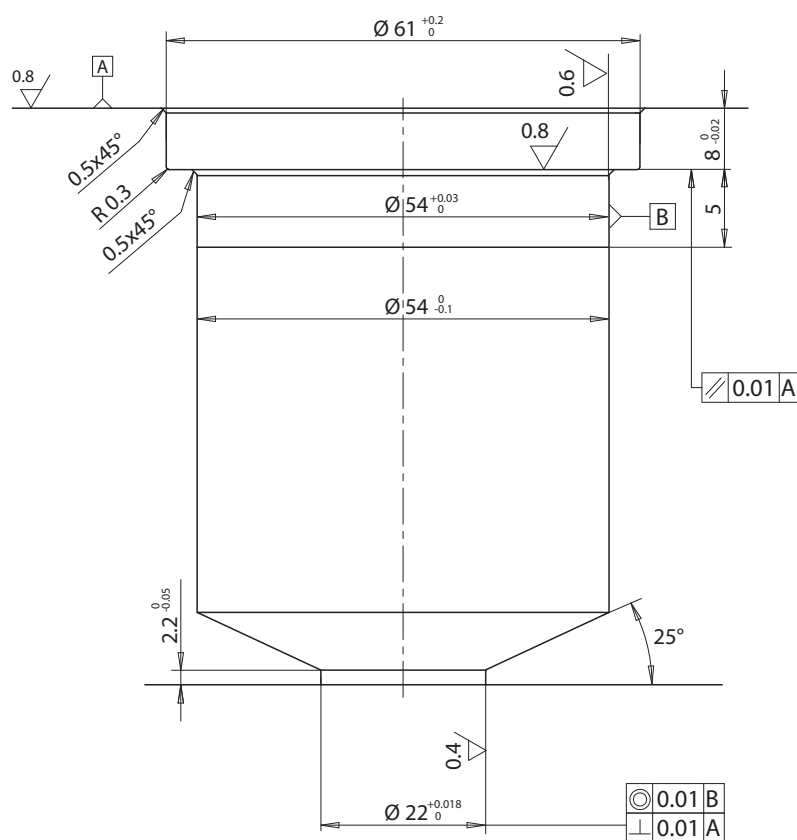
If not specified, grounded thermocouple are supplied / Se non specificato fornito termocoppia a massa



BUSHING / BOCCOLA



BUSHING CUTOUT / SEDE BOCCOLA



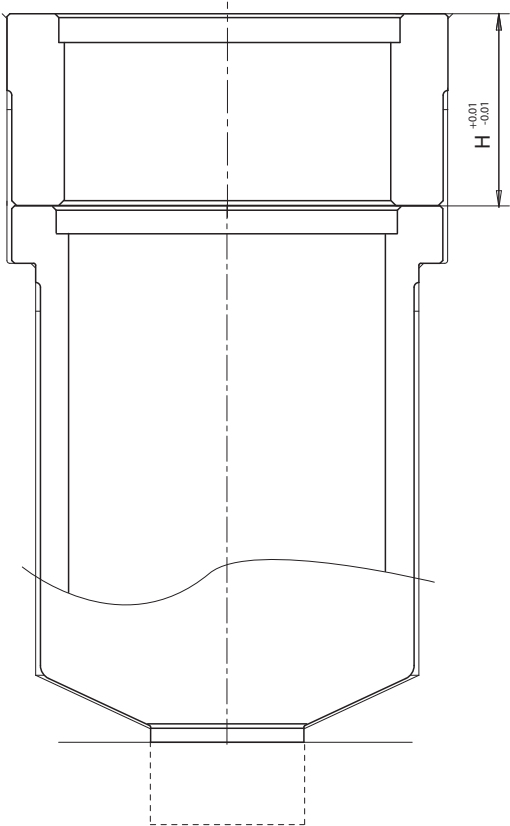
TF Ø 46	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TF Ø 46		TF6 Ø 46	
					sliding nozzles/ugelli a rasamento		single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
46	46	1 - 1GLT	1.3 >> 3	76	E15517/ØY	E15518/ØY	E16958/ØY	E16960/ØY
				96	E15529/ØY	E15230/ØY	E16959/ØY	E16961/ØY
		2 - 2P	3 >> 5	76	E15524/ØY	E15525/ØY	E16962/ØY	E16964/ØY
				96	E15231/ØY	E15232/ØY	E16963/ØY	E16965/ØY
		3 cylindrical 3 cilindrico	3.5 >> 5.5	76	E15529/ØY	E15531/ØY	MGØ46 - pag. 11.40	
				96	E15233/ØY	E15234/ØY		
		3conical 3conico	3.5 >> 4.5	76	E15530/ØY	E15532/ØY		
				96	E15235/ØY	E15236/ØY		

TD Ø 44	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TD Ø 44		TD6 Ø 44	
					sliding nozzles/ugelli a rasamento		single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
44	44	1 - 1GLT	1.3 >> 3	66	E17454/ØY	E17456/ØY	E17454/ØY	E17456/ØY
				76	E17455/ØY	E17457/ØY	E17455/ØY	E17457/ØY
		2	3 >> 5	66	E17780/ØY	E17782/ØY	E17780/ØY	E17782/ØY
				76	E17781/ØY	E17783/ØY	E17781/ØY	E17783/ØY
		3 cylindrical 3 cilindrico	3.5 >> 4	66	E17607/ØY	E17609/ØY	--	--
				76	E17608/ØY	E17610/ØY	--	--
		3conical 3conico	3.5 >> 4.5	66	E17619/ØY	E17621/ØY	--	--
				76	E17620/ØY	E17622/ØY	--	--

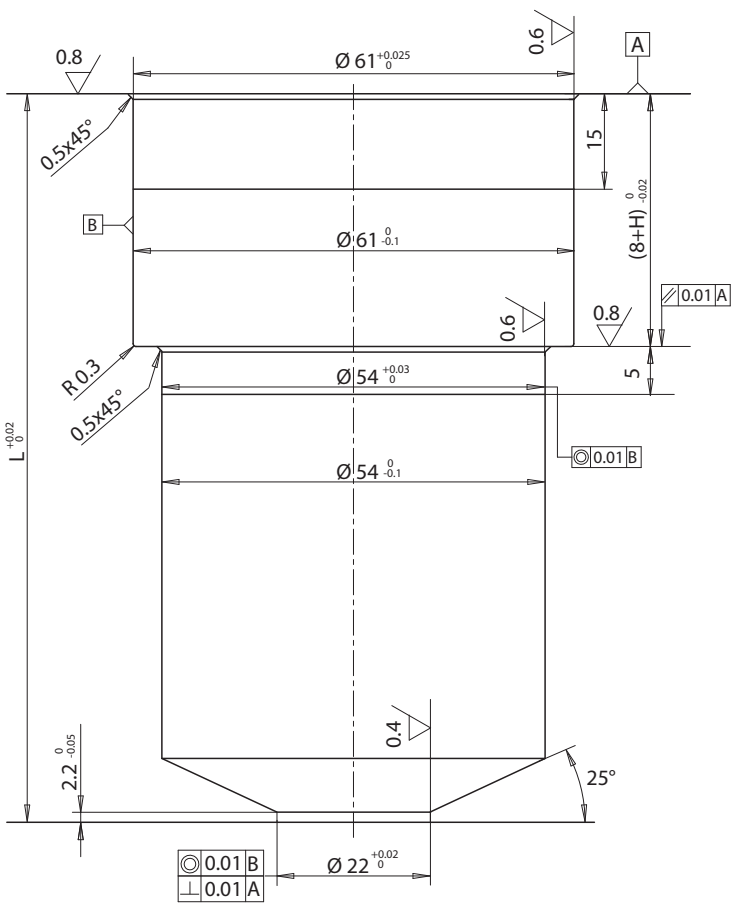
* Thermoplay reserves the right to evaluate the feasibility of the gate diameter with respect to the extra length
 Thermoplay si riserva in fase d'ordine di valutare la fattibilità del diametro del foro rispetto all'altezza dell'extralunghezza



SPACER / DISTANZIALE



SPACER CUTOUT / SEDE DISTANZIALE



TF Ø 46

TF Ø 46 sliding nozzles ugelli a rasamento	E15237	E15238	E15239	E15240	E15241	E15242	E15243	E15244	E15245	E15246	E15247	E15248	E15249	E15250	E15251	E15252	E15253	E15254	E15255	E15256	E15257	E15258	E15259	E15260	E15261	E15262
H	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260
TF6 Ø 46 single nozzles monougelli	E17051	E17052	E17053	E17054	E17055	E17056	E17057	E17058	E17059	E17060	E17061	E17062	E17063	E17064	E17065	E17066	E17067	E17068	E17069	E17070	E17071	E17072	E17073	E17074	E17075	E17076

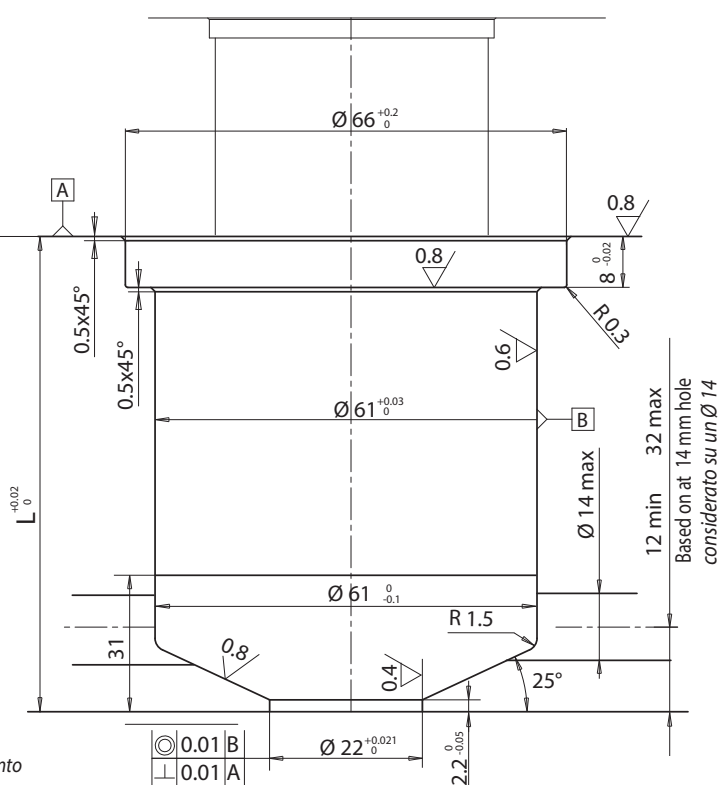
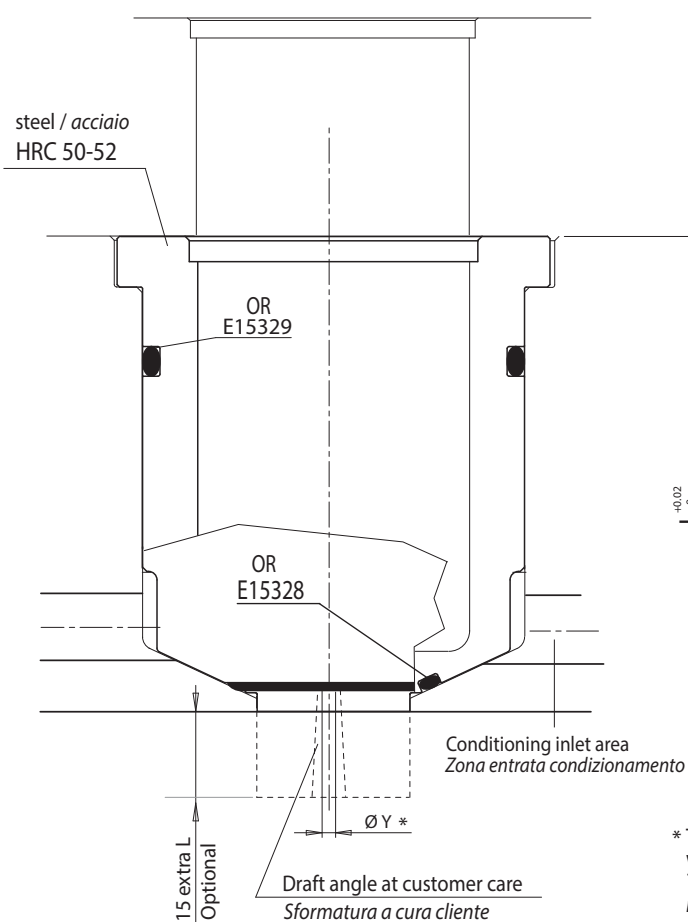
TD Ø 44

TD Ø 44 sliding nozzles ugelli a rasamento	E17750	E06813	E17751	E06814	E17752	E17753	E06815	E17754	E07091	E06816	E17755	E17756	E17757	E17758	E17759	E17760	E17761	E17762	E17763
TD6 Ø 44 single nozzles monougelli	E17750	E06813	E17751	E06814	E17752	E17753	E06815	E17754	E07091	E06816	E17755	E17756	E17757	E17758	E17759	E17760	E17761	E17762	E17763
H	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190



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 46	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TF Ø 46 sliding nozzles/ugelli a rasamento		TF Ø 46 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
46		1 - 1GLT	1.3 >> 3	76	E15519/ØY	E15520/ØY	E16990/ØY	E16992/ØY
				86	E15280/ØY	E15281/ØY	E16991/ØY	E16993/ØY
		2 - 2P	3 >> 5	76	E15526/ØY	E15527/ØY	E16994/ØY	E16996/ØY
				86	E15274/ØY	E15275/ØY	E16995/ØY	E16997/ØY
		3 cylindrical 3 cilindrico	3.5 >> 5.5	76	E15533/ØY	E15535ØY	MGØ46 - pag. 11.41	
				86	E15276/ØY	E15277/ØY		
		3conical 3conico	3.5 >> 4.5	76	E15534/ØY	E15536/ØY		
				86	E15278/ØY	E15279/ØY		
		1D-3D	--	76	E15523	--	E17077	--
				86	E15282	--	E17078	--
		2D	--	76	E15528	--	E17079	--
				86	E15283	--	E17080	--

TD Ø 44	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TD Ø 44 sliding nozzles/ugelli a rasamento		TD Ø 44 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
44		1 - 1GLT	1.3 >> 3	76	E17583/ØY	E17585/ØY	E17583/ØY	E17585/ØY
				86	E17584/ØY	E17586/ØY	E17584/ØY	E17586/ØY
		2	3 >> 5	76	E17796/ØY	E17798/ØY	E17796/ØY	E17798/ØY
				86	E17797/ØY	E17799/ØY	E17797/ØY	E17799/ØY
		3 cylindrical 3 cilindrico	3.5 >> 4	76	E17631/ØY	E17633/ØY	--	--
				86	E17632/ØY	E17634/ØY	--	--
		3conical 3conico	3.5 >> 4.5	76	E17643/ØY	E17645/ØY	--	--
				86	E17644/ØY	E17646/ØY	--	--

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