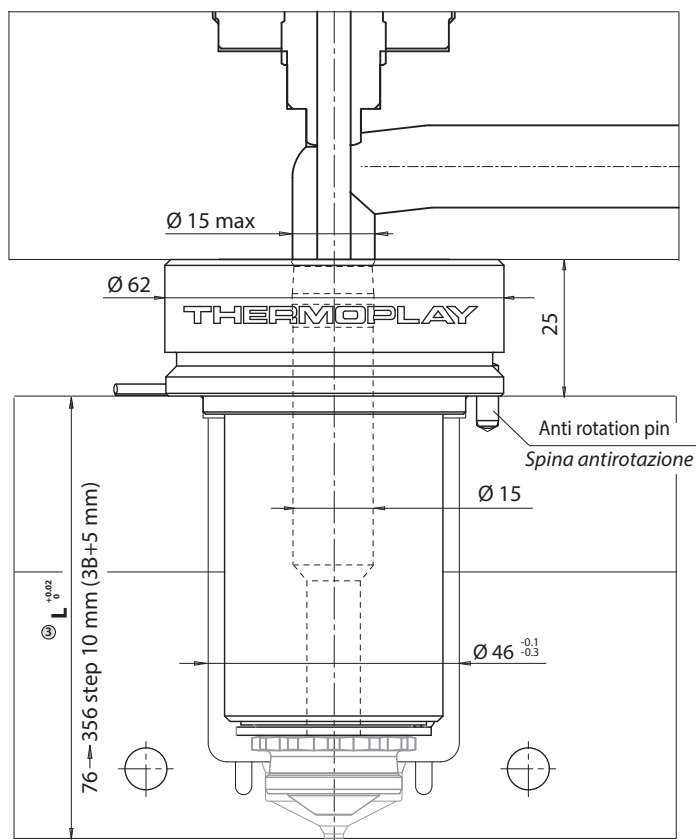




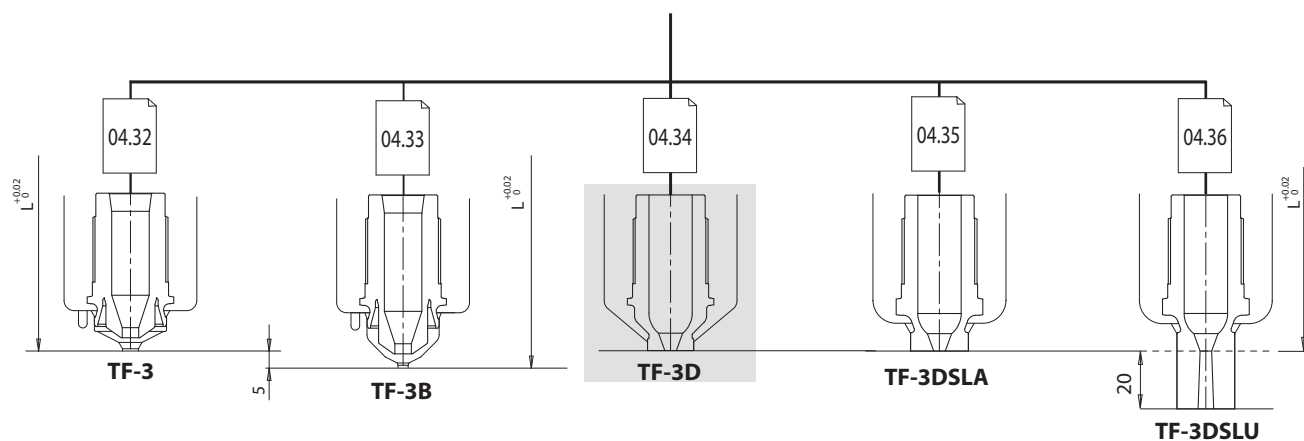
The range of available shut off valves is described at chapter 06

Scelta dei gruppi otturazione nel capitolo 06

MANIFOLD
PIASTRA DI DISTRIBUZIONE



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 - 3 D - J G

① TF Nozzle type / Tipo ugello (TF)

② 46 Diameter nozzle / Diametro ugello (Ø46)

③ 326 Nozzle length / Lunghezza ugello (L=326) 04.37

④ A Top heater cable exit / Uscita cavi in alto (A) 04.37

⑤ 3D Tip type / Tipo puntale (3D)

⑥ JG Thermocouple type / Tipo termocoppia (grounded / a massa)

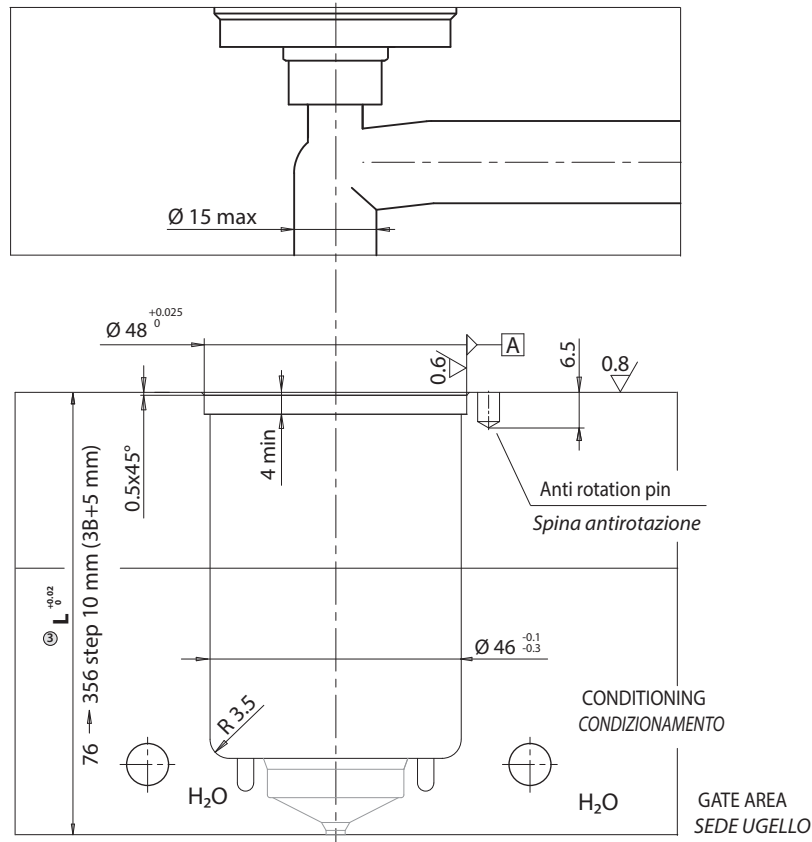
The highlighted types are not available on stock. Delivery times are to be agreed. All applications subjected to Thermoplay A.E. review
Le tipologie evidenziate non sono a magazzino. I tempi di consegna sono da concordare. Tutte le applicazioni sono soggette a verifica in fase di offerta.



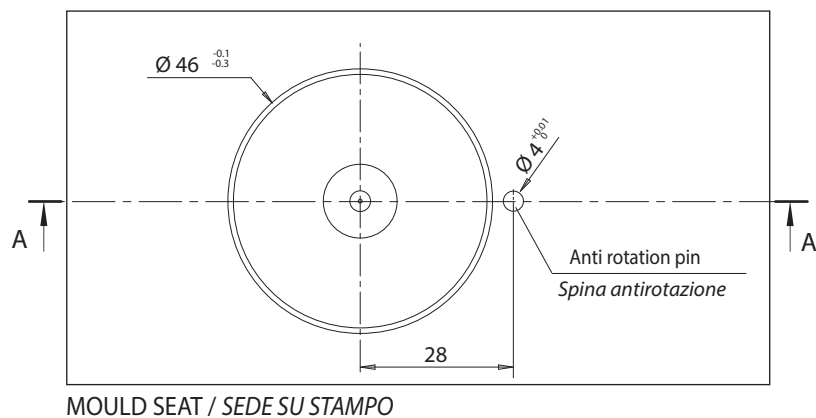
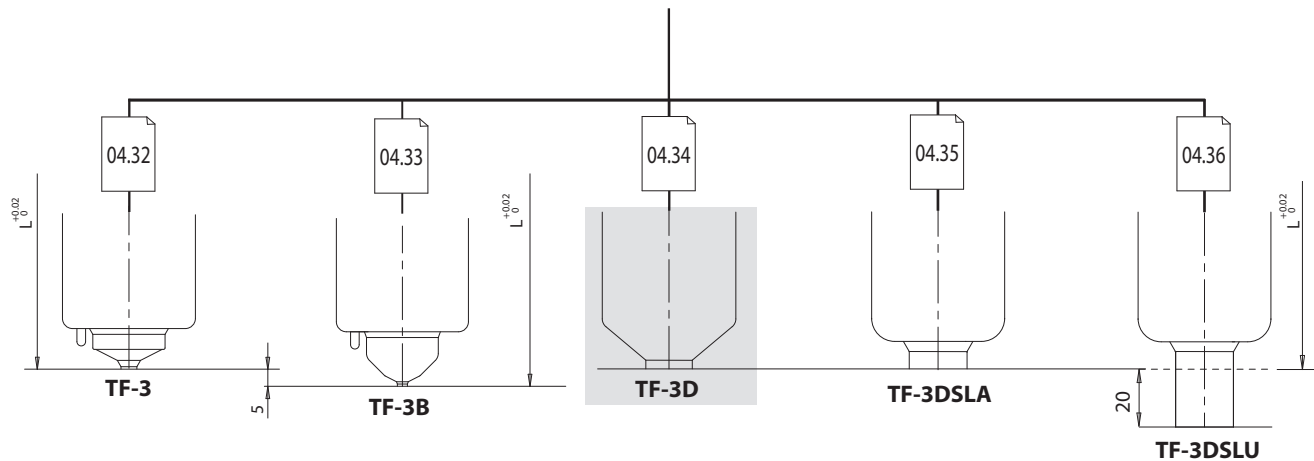
The range of available shut off valves is described at chapter 06

Scelta dei gruppi otturazione nel capitolo 06

MANIFOLD
PIASTRA DI DISTRIBUZIONE



⑤ Interchangeable tips / Puntali intercambiabili



MOULD SEAT / SEDE SU STAMPO

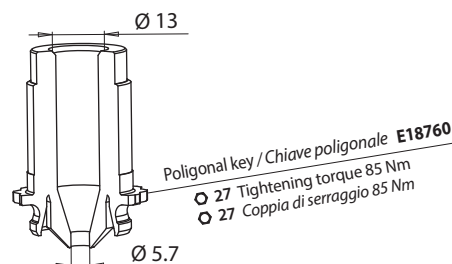


TYPE TF-3: The nozzle for injection with shut off valves is suitable for moulding parts where an optimum gate aesthetics is required. It is also suitable for moulding reinforced plastic material with abrasive fillers.

TIPO TF-3: Ugello per l'iniezione con gruppo otturazione idoneo allo stampaggio di particolari dove è richiesto un ottimo aspetto estetico del punto di iniezione. E' idoneo anche allo stampaggio di materiali con cariche abrasive.

TIP GROUP / GRUPPO PUNTALE

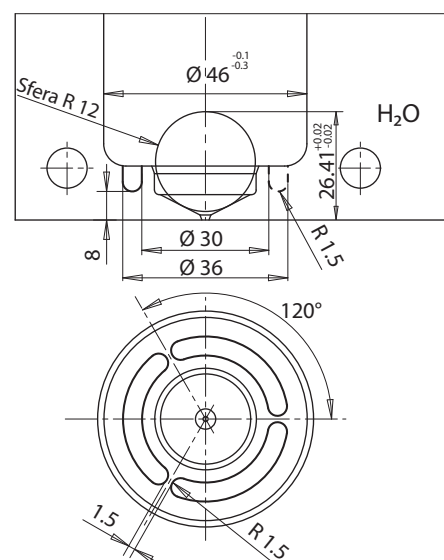
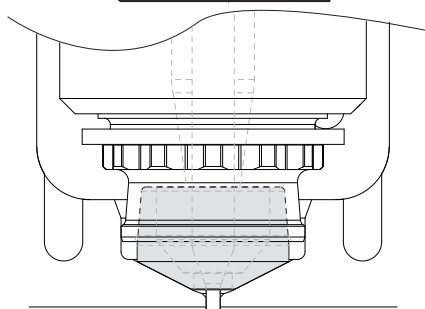
Type / Tipo	Code / Codice
TF-3	E21781



COLOUR CHANGE BUSHING / BOCCOLA CAMBIO COLORE

Available upon request / Disponibile su richiesta

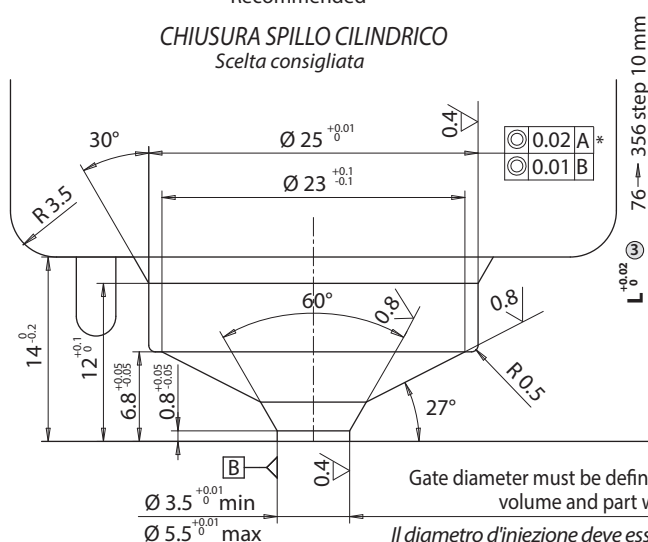
Type / Tipo	Code / Codice
TF46-3	E21789



GATE AREA / SEDE UGELLO

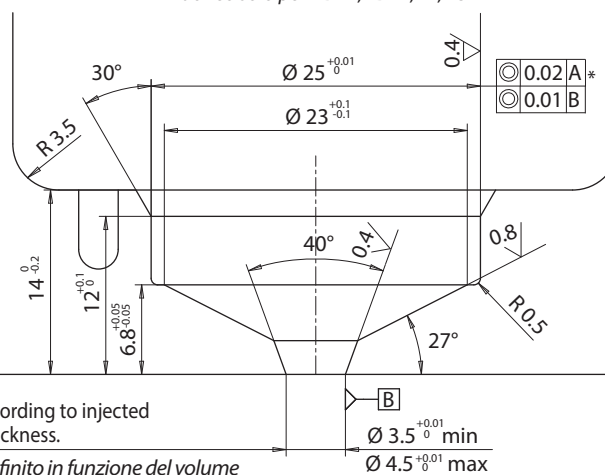
CYLINDRIC PIN SHUT OFF CUTOUT
Recommended

CHIUSURA SPILLO CILINDRICO
Scelta consigliata



CONICAL PIN SHUT OFF CUTOUT
Suitable only for HDPE, LDPE, PP, PS

CHIUSURA SPILLO CONICO
Idoneo solo per HDPE, LDPE, PP, PS



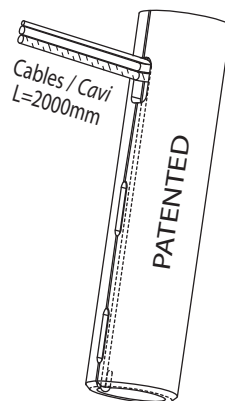
Gate diameter must be defined according to injected volume and part wall thickness.
Il diametro d'iniezione deve essere definito in funzione del volume iniettato, del materiale termoplastico e dello spessore del pezzo stampato.

* [A] Ref. page 04.31 for sliding nozzle - pagina 04.31 per ugelli a rasamento
page 09.10 for single nozzle - pagina 09.10 per monougelli



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

L	③ L Type 3B Tipo 3B	Heater code Codice resistenza	Watt	Thermocouple Codice termocoppia ugello ⑥	
				grounded - a massa .. - JG	insulated - isolata .. - JU
76	81	E15521	480	E05505-F46	E16037-F46
86	91	E15522	480		
96	101	E15147	540		
106	111	E15148	540		
116	121	E15149	540		
126	131	E15150	580	E15206-F46	E16771-F46
136	141	E15151	580		
146	151	E15152	580		
156	161	E15153	640		
166	171	E15154	640		
176	181	E15155	640	E15223-F46	E16772-F46
186	191	E15156	720		
196	201	E15157	720		
206	211	E15158	720		
216	221	E15159	760		
226	231	E15160	760	E15224-F46	E16773-F46
236	241	E15161	760		
246	251	E15162	790		
256	261	E15163	790		
266	271	E15164	790		
276	281	E15165	810	E15225-F46	E16774-F46
286	291	E15166	810		
296	301	E15167	810		
306	311	E15168	840		
316	321	E15169	840		
326	331	E15170	840	E15226-F46	E16775-F46
336	341	E15171	880		
346	351	E15172	880		
356	361	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	E18764

Ordering code example / Esempio d'ordine ugello:

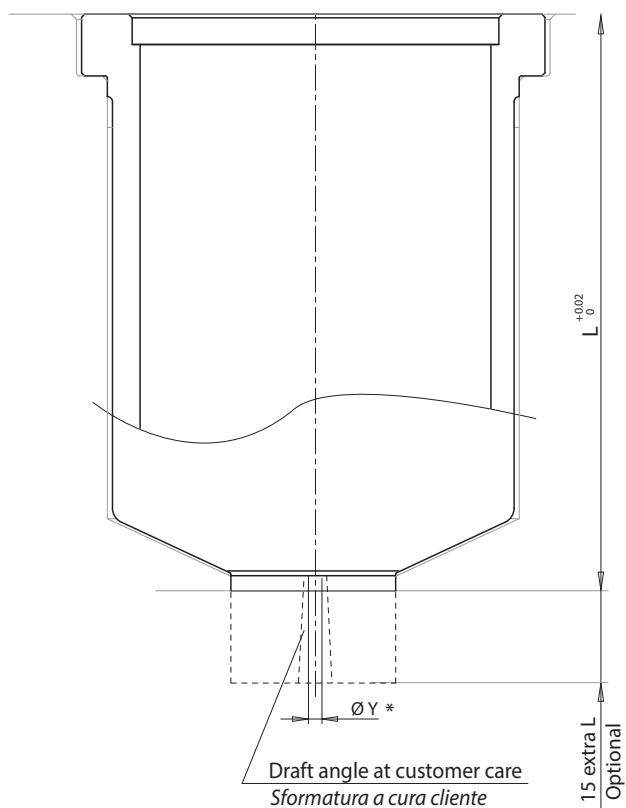


- ① TF nozzle type / Tipo ugello (TF)
- ② 46 Nozzle diameter / Diametro ugello (Ø46)
- ③ 346 nozzle length / Lunghezza ugello (L=346)
- ④ A Top heater cable exit / Uscita cavi in alto (A)
- ⑤ 3 Tip type / Tipo puntale (3)
- ⑥ JG Thermocouple type / Tipo termocoppia (grounded / a massa)

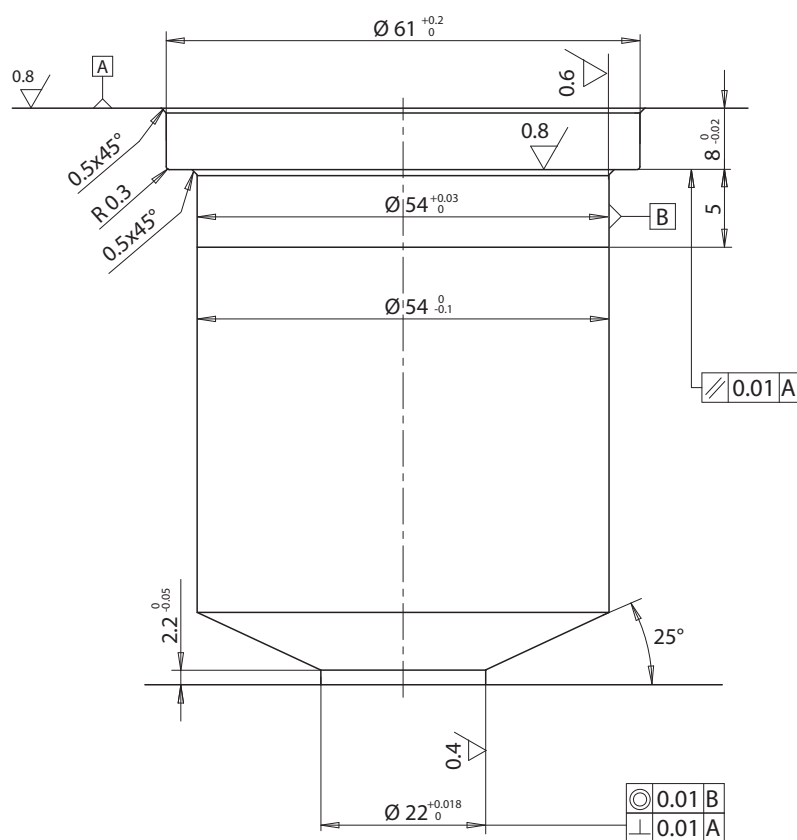
If not specified, grounded thermocouple are supplied / Se non specificato fornito termocoppia a massa



BUSHING / BOCCOLA



BUSHING CUTOUT / SEDE BOCCOLA



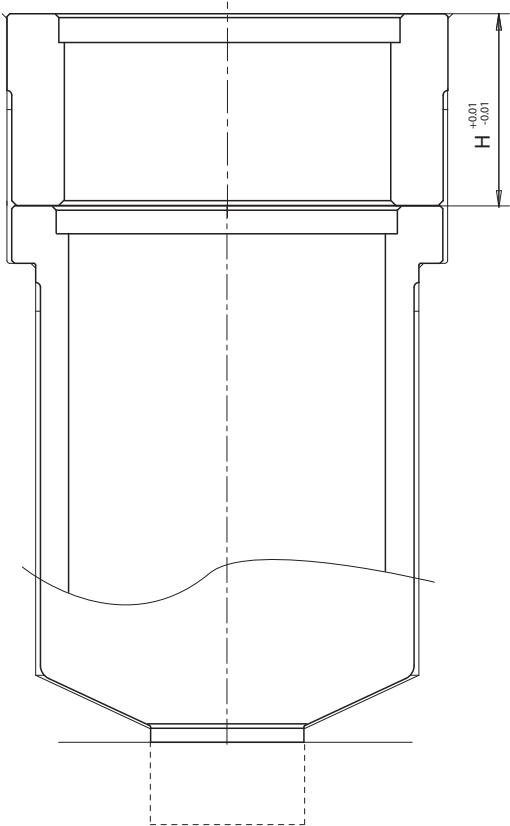
TF Ø 46	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TF Ø 46		TF6 Ø 46	
					sliding nozzles/ugelli a rasamento		single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
46	46	1 - 1GLT	1.3 >> 3	76	E15517/ØY	E15518/ØY	E16958/ØY	E16960/ØY
				96	E15529/ØY	E15230/ØY	E16959/ØY	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	--	--

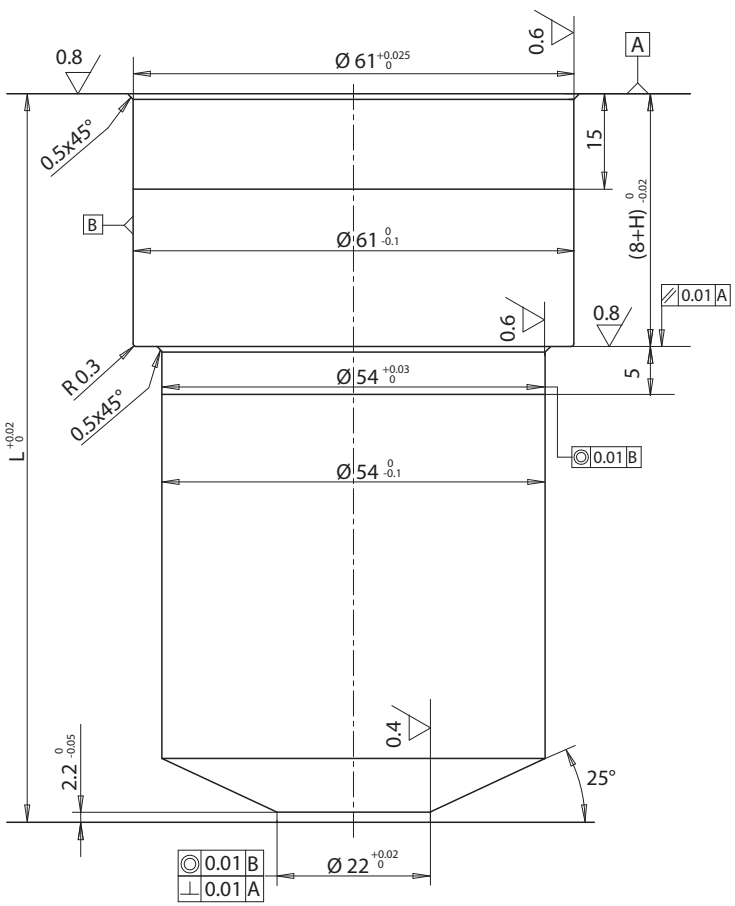
* Thermoplay reserves the right to evaluate the feasibility of the gate diameter with respect to the extra length
 Thermoplay si riserva in fase d'ordine di valutare la fattibilità del diametro del foro rispetto all'altezza dell'extralunghezza



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

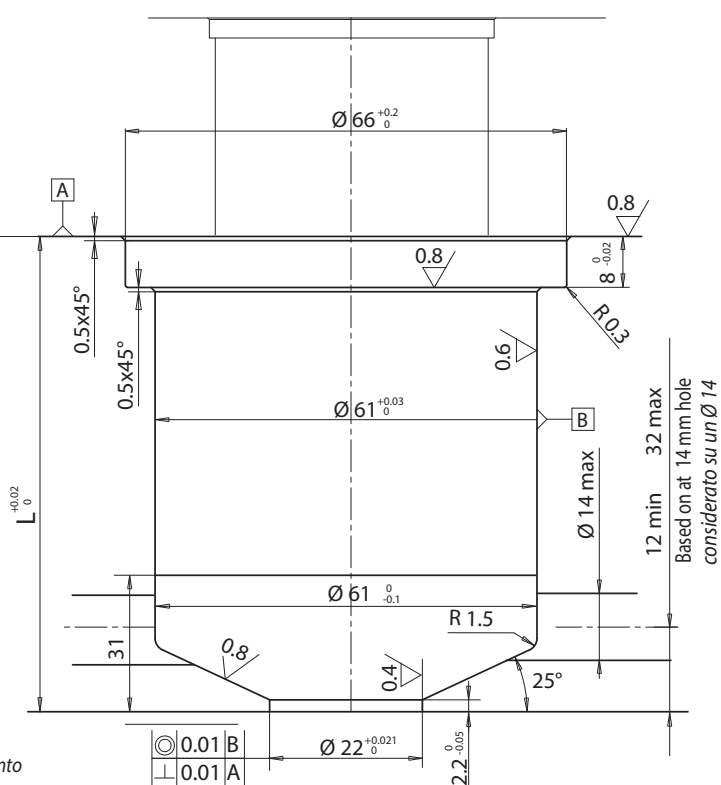
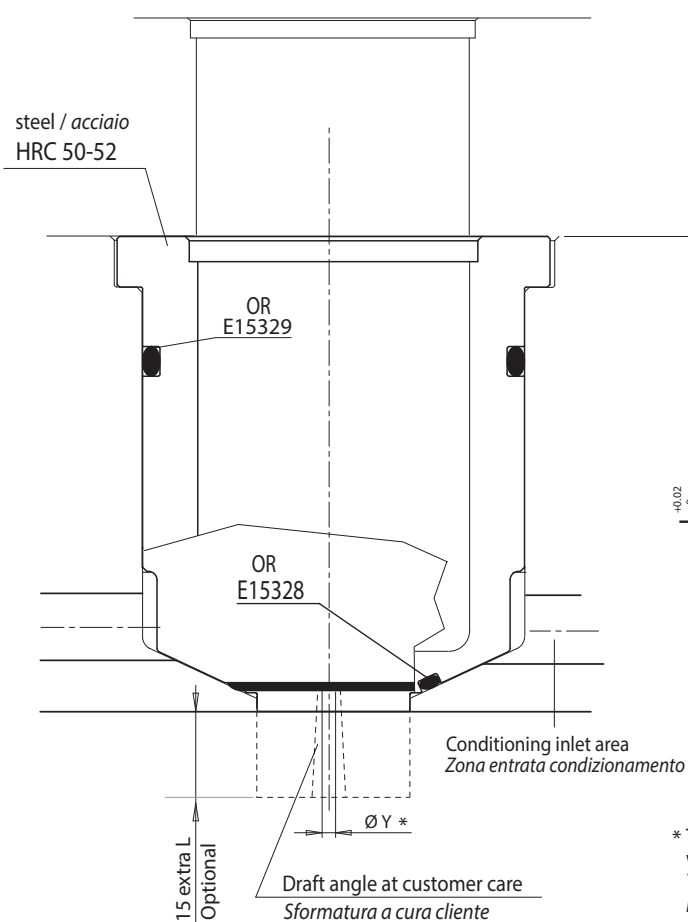
TD Ø 44

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.