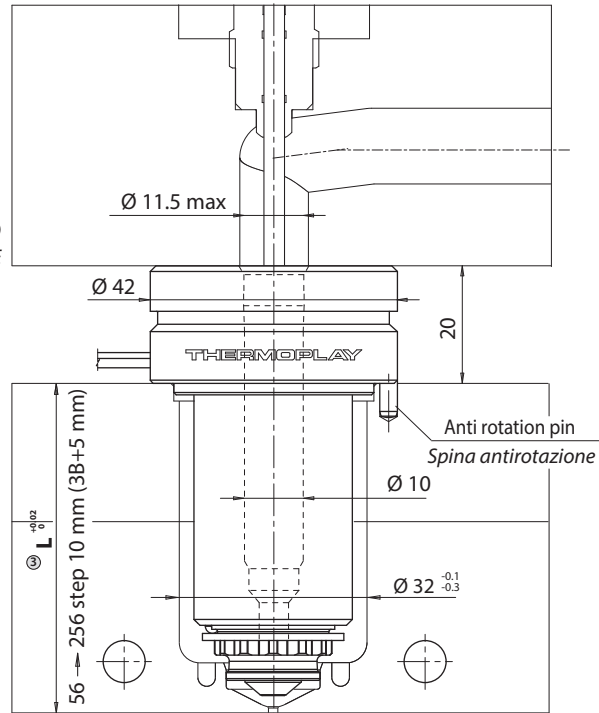




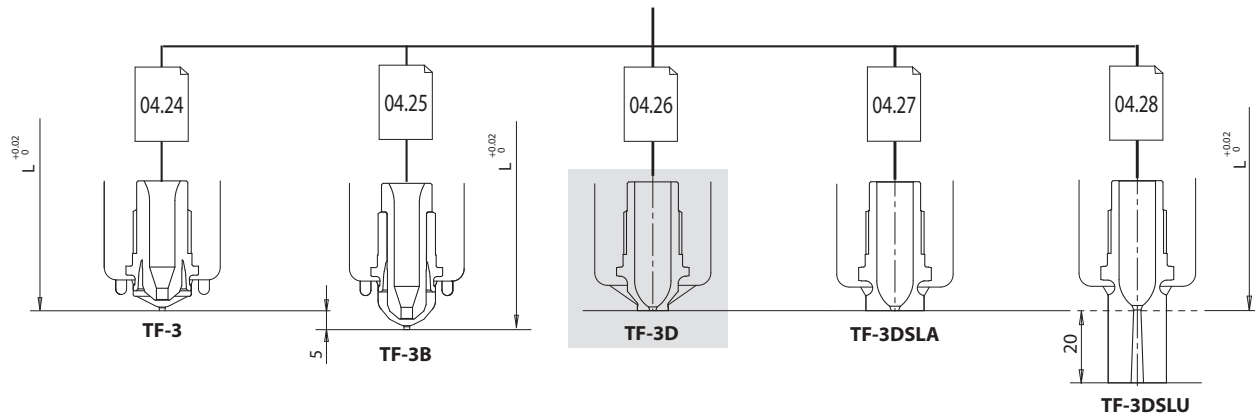
The range of available shut off valves is described at chapter 06

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 3 2 1 9 6 - A - 3 - J U

① Nozzle type / Tipo ugello (TF)

② 32 Diameter nozzle / Diametro ugello (Ø32)

③ 196 Nozzle length / Lunghezza ugello (L=196)

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

⑤ 3 Tip type / Tipo puntale (3)

⑥ JU Thermocouple type / Tipo termocoppia (insulated / isolata)

04.29

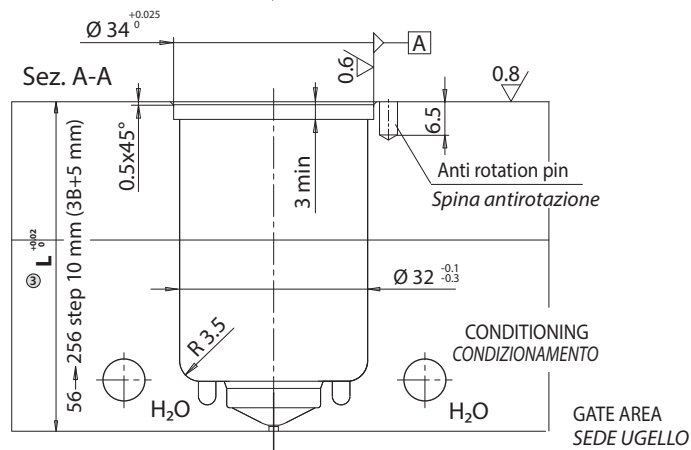
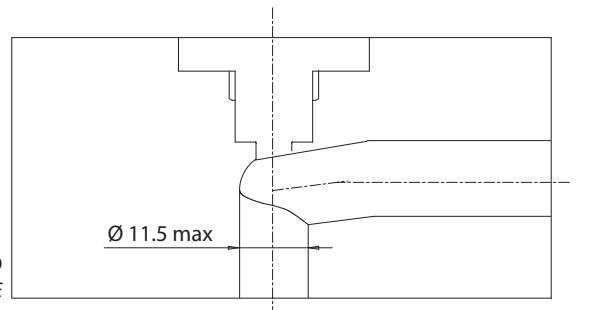
04.29



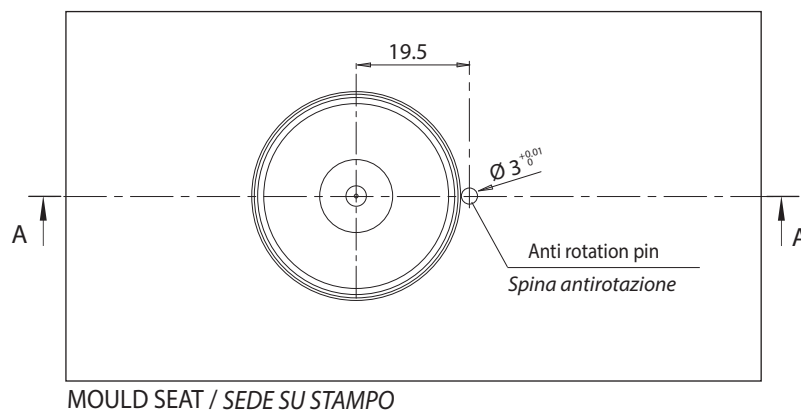
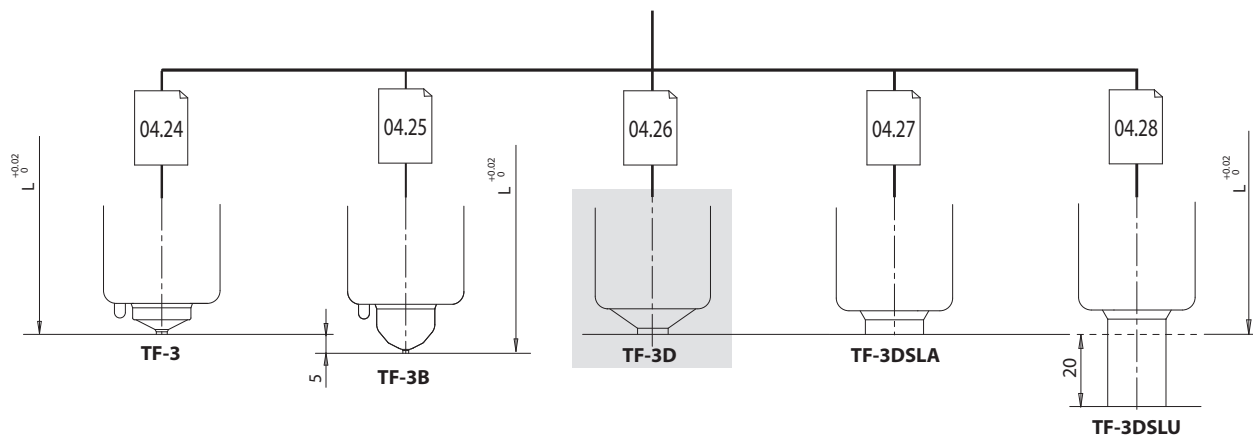
The range of available shut off valves is described at chapter 06

Scelta dei gruppi otturazione nel capitolo 06

MANIFOLD
PIASTRA DI DISTRIBUZIONE



⑤ Interchangeable tips / Puntali intercambiabili



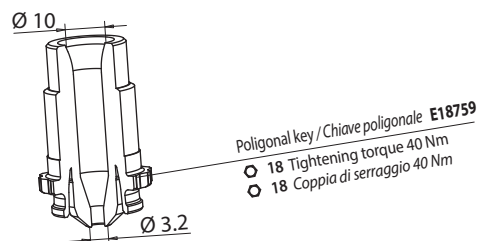


TYPETF-3: The nozzle for injection with shut off valves is suitable for moulding parts where an optimum gate aesthetics is required. It is also suitable for moulding reinforced plastic material with abrasive fillers.

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

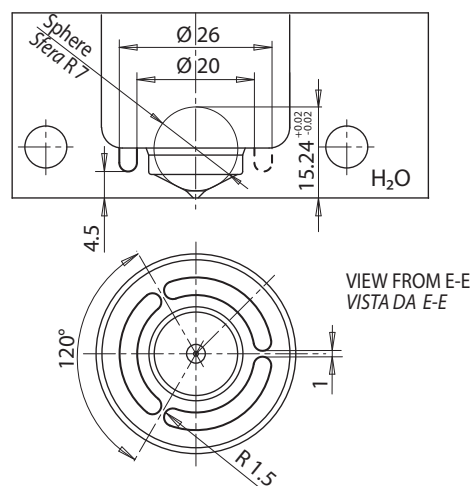
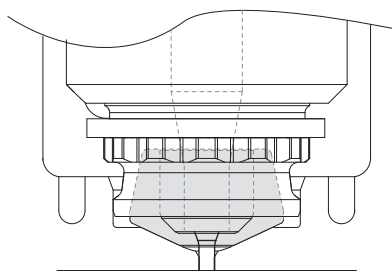
⑤ Type / Tipo	Code / Codice
TF-3	E21509



COLOUR CHANGE BUSHING / BOCCOLA CAMBIO COLORE

Available upon request / Disponibile su richiesta

⑤ Type / Tipo	Code / Codice
TF-3	E21522



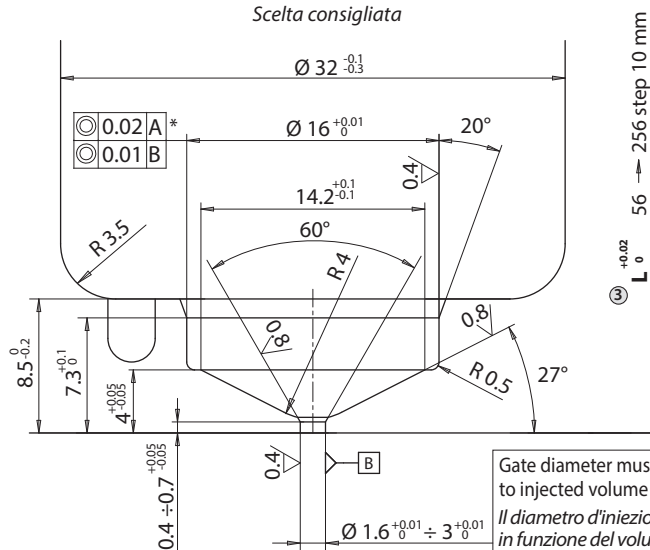
GATE AREA / SEDE UGELLO

CYLINDRIC PIN SHUT OFF CUTOUT

Recommended

CHIUSURA SPILLO CILINDRICO

Scelta consigliata



To be defined according to polymers characteristics, injection cycle and cooling cycles.

L'altezza ottimale della chiusura è funzione delle caratteristiche del polimero, del tipo di ciclo, del circuito di raffreddamento e dei parametri di stampaggio.

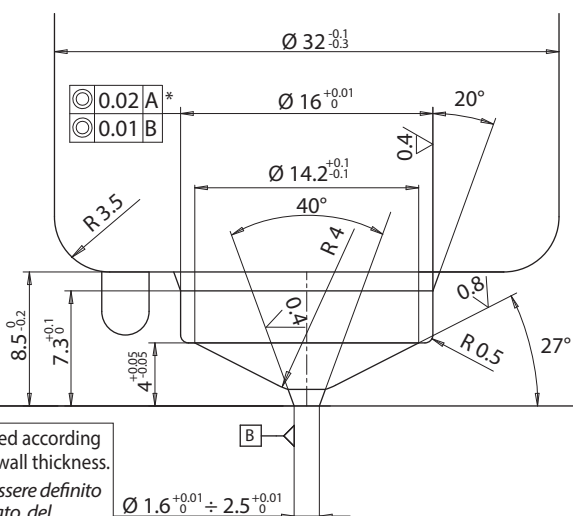
Gate diameter must be defined according to injected volume and part wall thickness.
Il diametro d'iniezione deve essere definito in funzione del volume iniettato, del materiale termoplastico e dello spessore del pezzo stampato.

CONICAL PIN SHUT OFF CUTOUT

Suitable only for HDPE, LDPE, PP, PS

CHIUSURA SPILLO CONICO

Idoneo solo per HDPE, LDPE, PP, PS

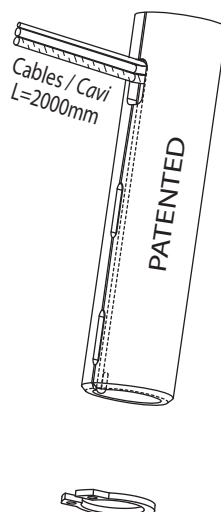


* [A] Ref. page 04.23 for sliding nozzle - pagina 04.23 per ugelli a rasamento
page 09.08 for single nozzle - pagina 09.08 per monougelli



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
56	61	E09790	270	E05302-F32	E16027-F32
66	71	E09791	270		
76	81	E09792	320	E05504-F32	E16029-F32
86	91	E09793	320		
96	101	E09794	320		
106	111	E09795	370		
116	121	E09796	370	E05917-F32	E16030-F32
126	131	E09797	370		
136	141	E09798	420		
146	151	E09799	420		
156	161	E09800	420	E05913-F32	E16031-F32
166	171	E09801	460		
176	181	E09802	460		
186	191	E09803	460		
196	201	E09804	490	E05933-F32	E16032-F32
206	211	E09805	490		
216	221	E09806	490		
226	231	E09807	520		
236	241	E09808	520		
246	251	E09809	520		
256	261	E09810	520		



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-

Description / Descrizione	Code / Codice
Stop thermocouple ring Anello ferma termocoppia	E18745

Ordering code example / Esempio d'ordine ugello:

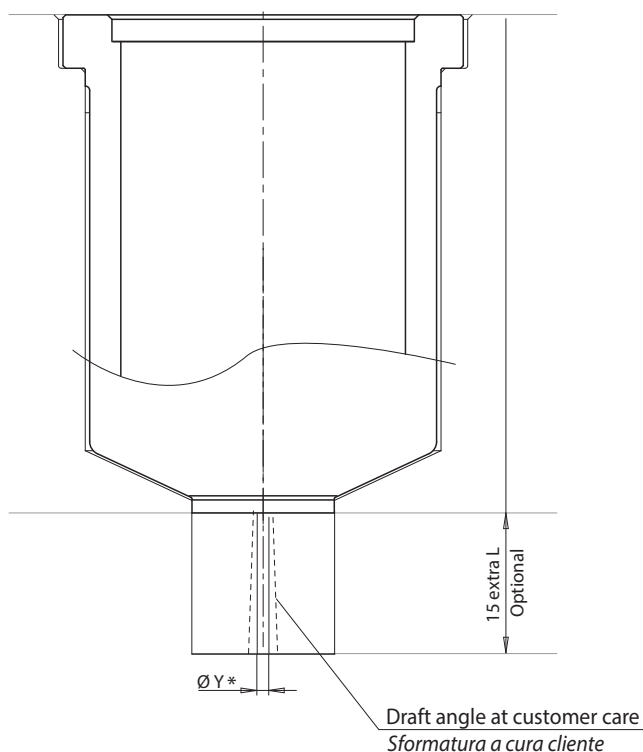
①	②	③	④	⑤	⑥
T	F	3	2	2	4
6	-	A	-	3	-
J	G				

- ① TF nozzle type / Tipo ugello (TF)
- ② 32 Nozzle diameter / Diametro ugello (Ø32)
- ③ 246 nozzle length / Lunghezza ugello (L=246)
- 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)

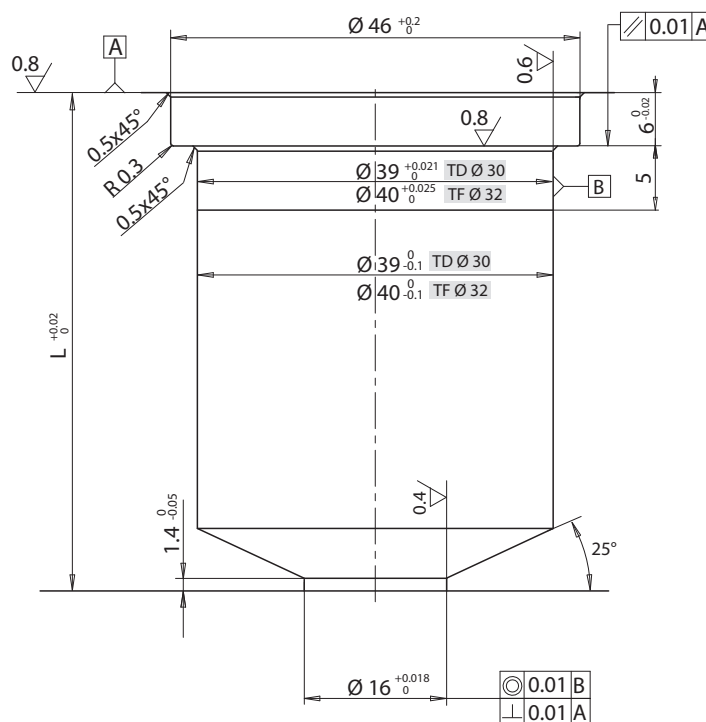
If not specified, grounded thermocouple are supplied / Se non specificato fornito termocoppia a massa



BUSHING / BOCCOLA



BUSHING CUTOUT / SEDE BOCCOLA



TF Ø 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				

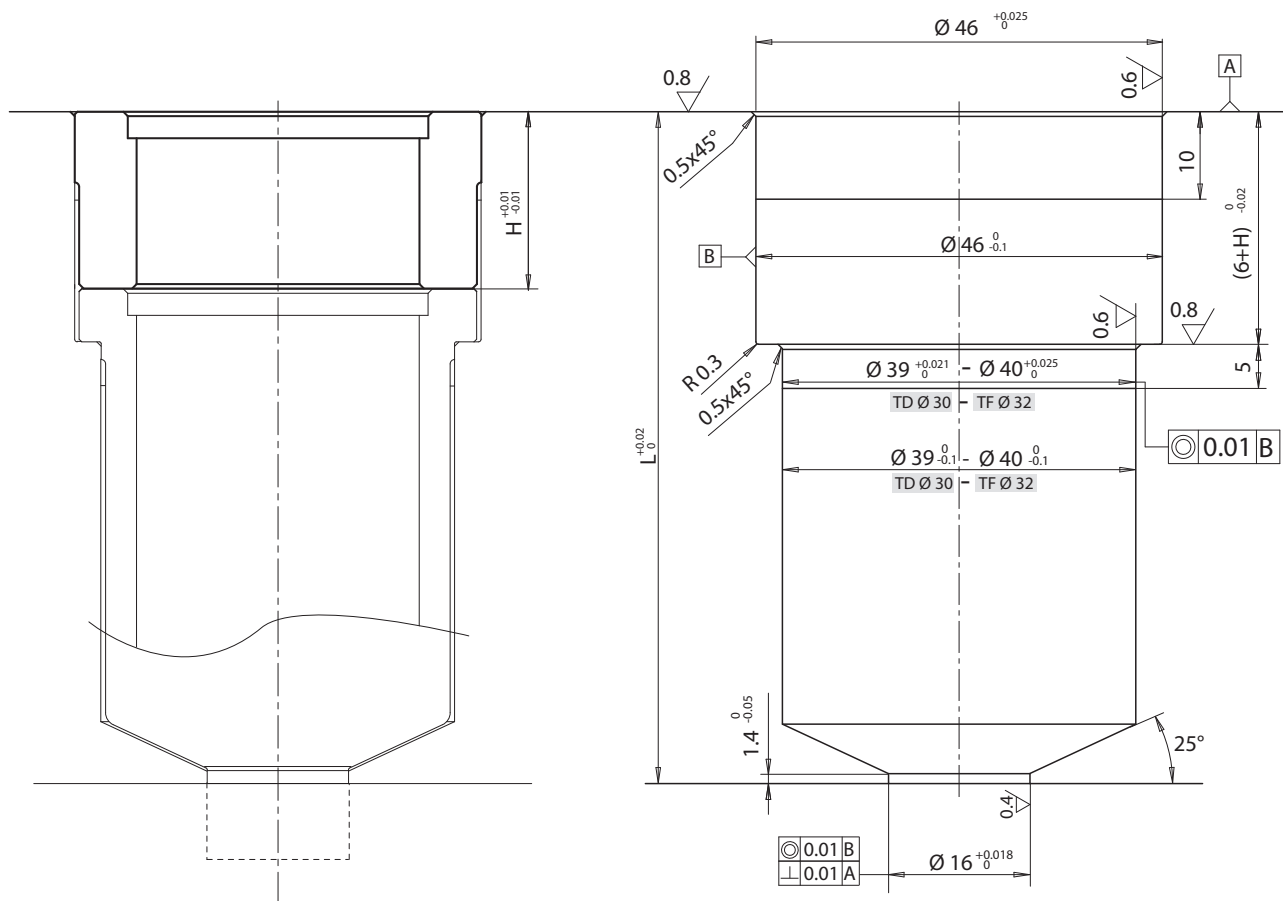
TD Ø 30	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TD Ø 30 sliding nozzles/ugelli a rasamento		TD6 Ø 30 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
	30	1 - 1GLT	0.8 >> 1.5	46	E17089/ØY	E17091/ØY	E17089/ØY	E17091/ØY
				56	E17090/ØY	E17092/ØY	E17090/ØY	E17092/ØY
		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



SPACER / DISTANZIALE

SPACER CUTOUT / SEDE DISTANZIALE



TF Ø 32

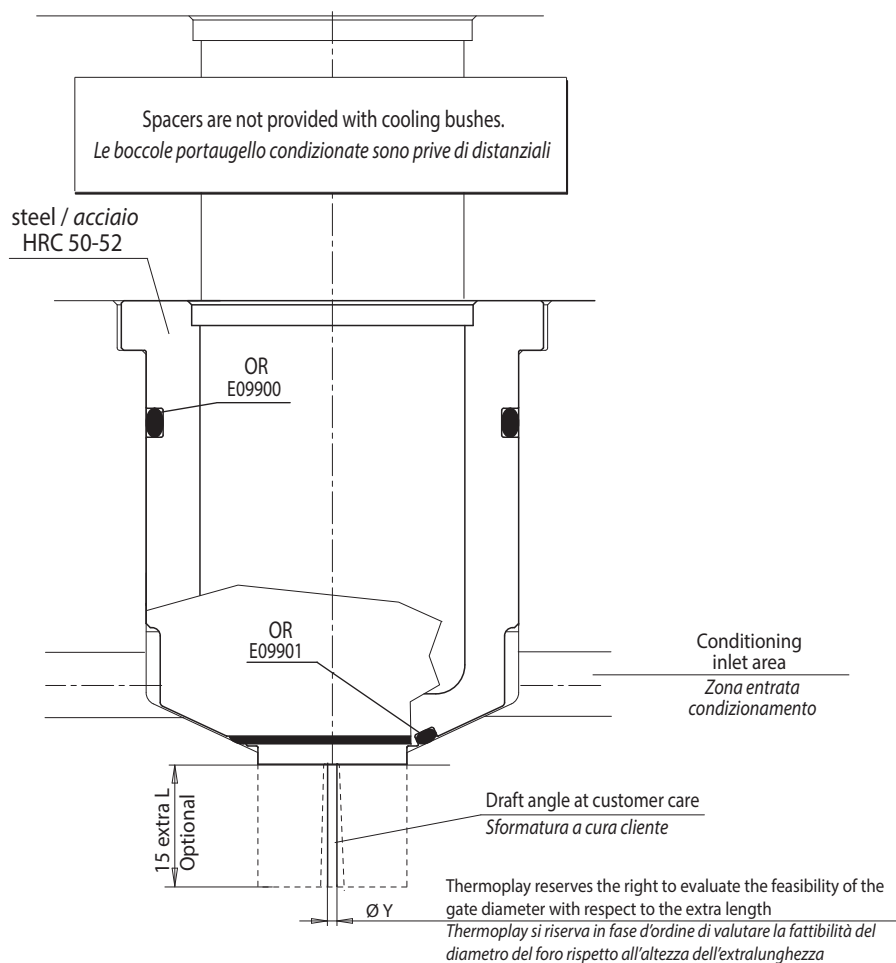
TF Ø 32 sliding nozzles ugelli a rasamento	E15019	E15020	E15021	E15022	E15023	E15024	E15025	E15026	E15027	E15028	E15029	E15030	E15031	E15032	E15033	E15034	E15035	E15036	E15037	E15038
H	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
TF6 Ø 32 single nozzles monougelli	E15019	E15020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

