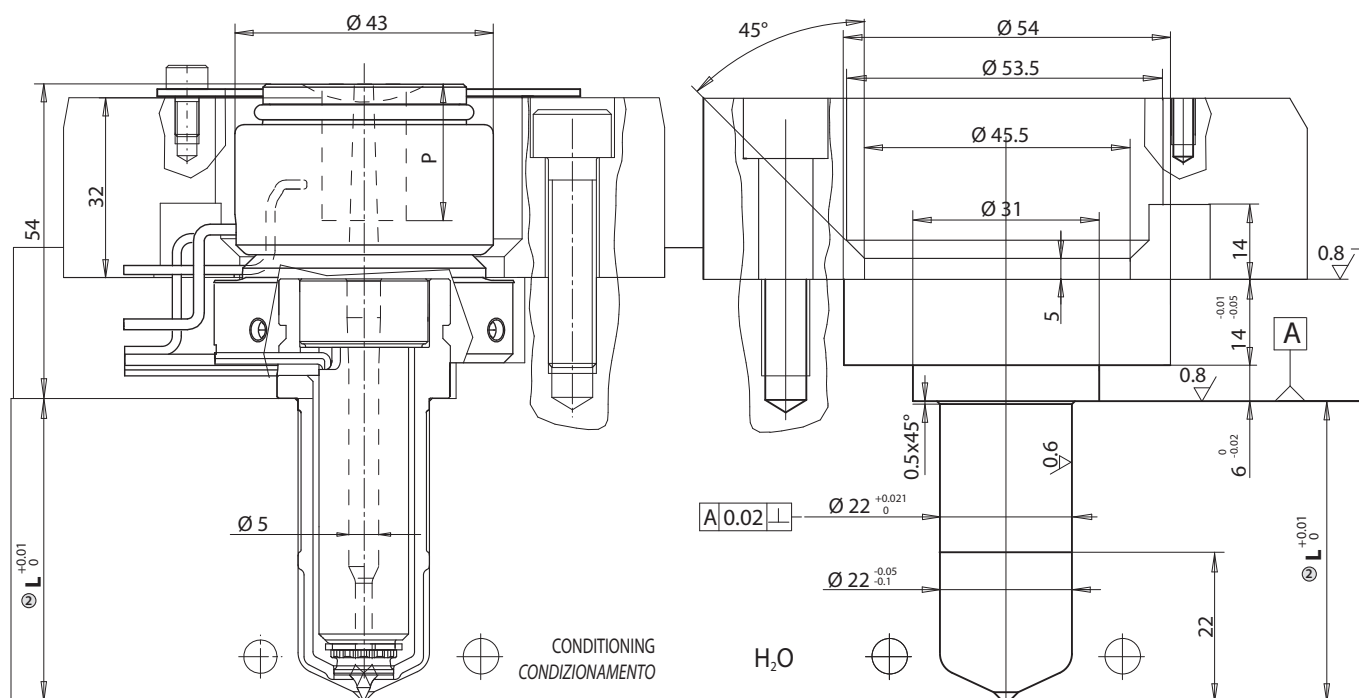
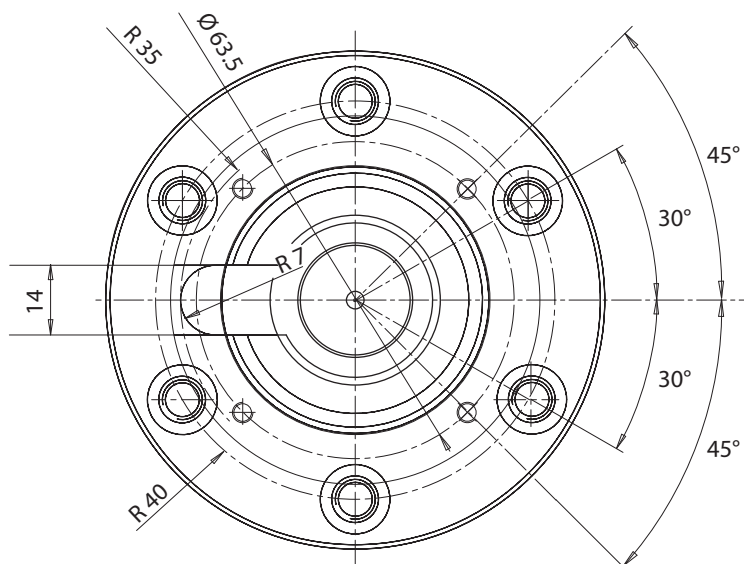
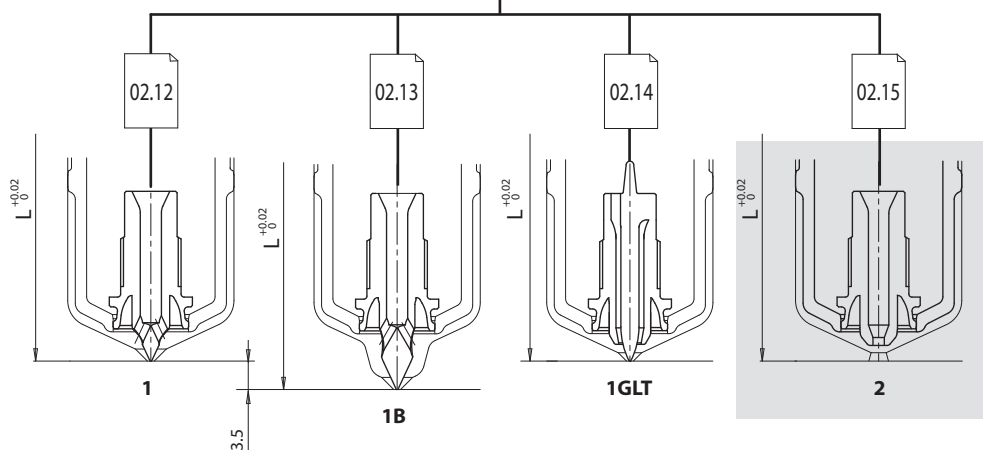




④ Interchangeable tips / Puntali intercambiabili



Ordering code example / Esempio d'ordine ugello:

①	②	③	④	⑤	⑦
T	D	6	2	2	0
8	6	-	1	/	R
0	9	5	-	J	G

- ① Nozzle type / Tipo ugello (TD6)
- ② 22 Diameter nozzle / Diametro ugello (Ø18)
- ③ 086 Nozzle length / Lunghezza ugello (L=86)
- ④ 1 Tip type / Tipo puntale (1)
- ⑤ R095 Radius / Raggio testa (R 9.5)
- ⑦ JG Tc type / Tipo termocoppia (grounded / a massa)

In 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.

**E17993**

Seal ring supplied with
the single nozzles
*Anello di tenuta fornito
con il monougello*

N° 4 screws M 4x8 DIN 912

N° 4 viti M 4x8 DIN 912

N° 6 screws M 8X35 DIN 912

N° 6 viti M 8X35 DIN 912

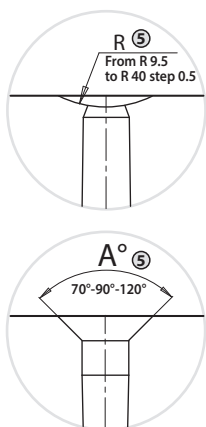
Sealing ring is at customer care
Anello di centraggio a cura cliente

E09062

Head ring
*Anello di tenuta
per resistenza*

E09040

Heater Group
Gruppo resistenza



Head thermocouple
Termocoppia testa

E07033 Grounded / *a massa***E16035** Insulated / *isolata***14.02 - 14.03**

Bushing - Cooling bushing
Boccola - Boccola condizionata

Nozzle body / *Corpo ugello*

Heater / Resistenza		Thermocouple / Termocoppia	
L* ③	code / codice	Watt	
		JG	JU ⑦
36	E09394	200	E05302 E16027
46	E09395		
56	E09310		
66	E09311		
76	E09312		
86	E09313	220	E05504 E16029
96	E09314		
106	E09315		
116	E09316		
126	E09317		
136	E09318	220	E05917 E16030
146	E09319		

*1B15 +3.5

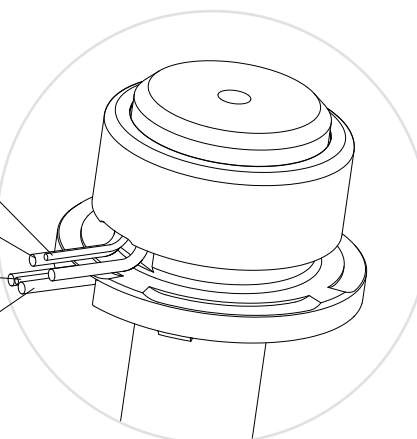
CABLES / CAVI

Head thermocouple Red TC+ / Blue TC-
Termocoppia testa Rosso TC+ / Blu TC-

Head heater 230 V White / Red-White
Resistenza testa 230 V Bianco / Rosso-Bianco

Nozzle body thermocouple Red TC+ / Blue TC-
Termocoppia corpo ugello Rosso TC+ / Blu TC-

Nozzle body heater 230 V White / Red-White
Resistenza corpo ugello 230 V Bianco / Rosso-Bianco



If not specified, the radius R=0 and
grounded thermocouple are supplied

*Se non specificato fornito raggio testa
R = 0 e termocoppie a massa*

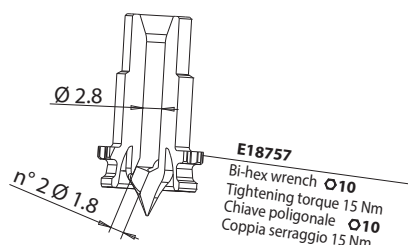


TYPE 1: Nozzle suitable for moulding parts where the injection vestige is important. The nozzle is suitable for filled and abrasive materials. If compared with TF series nozzles, TD nozzles have the sealing area on the external body rather than the tip and requires less accurate machining of the seat.

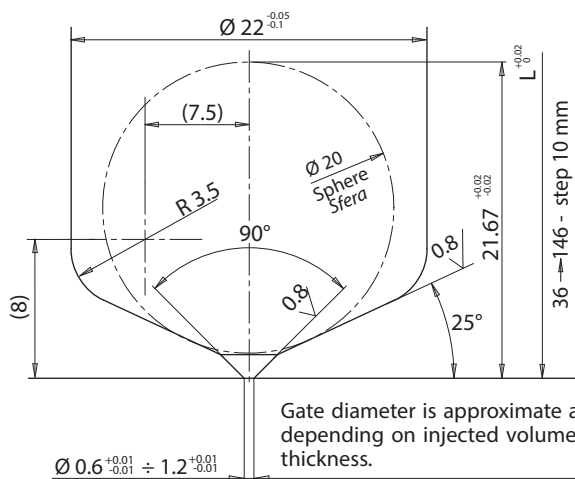
TIPO 1: L'ugello TD-1 è idoneo allo stampaggio di particolari dove è richiesto un buon aspetto estetico del punto di iniezione. A differenza degli ugelli serie TF la tenuta dell'ugello è fatta sul corpo dell'ugello anziché sul puntale. L'ugello è idoneo allo stampaggio di materiali con cariche abrasive.

TIP GROUP / GRUPPO PUNTALE

Type Tipo	Code Codice
1	E20880



GATE AREA / SEDE UGELLO

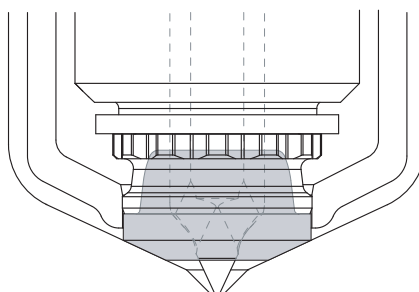


Il diametro d'iniezione è INDICATIVO e può variare in funzione del volume iniettato, del materiale termoplastico e dello spessore del pezzo stampato.

COLOUR CHANGE BUSHING / BOCCOLA CAMBIO COLORE

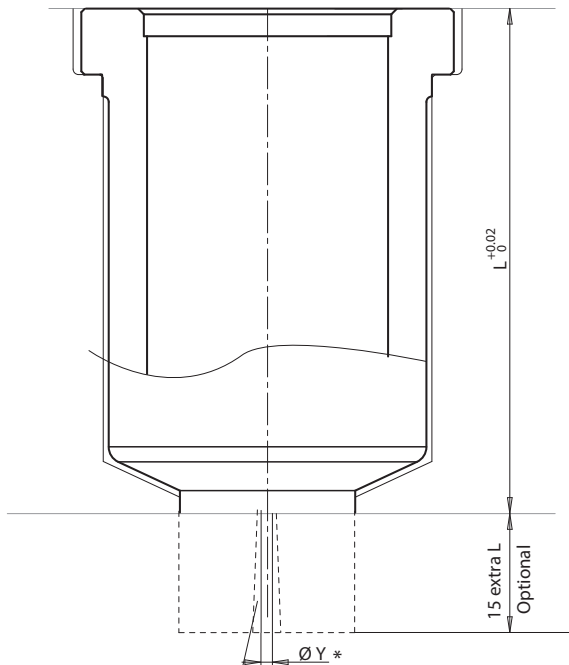
Available upon request / Disponibile su richiesta

Code / Codice
E20892



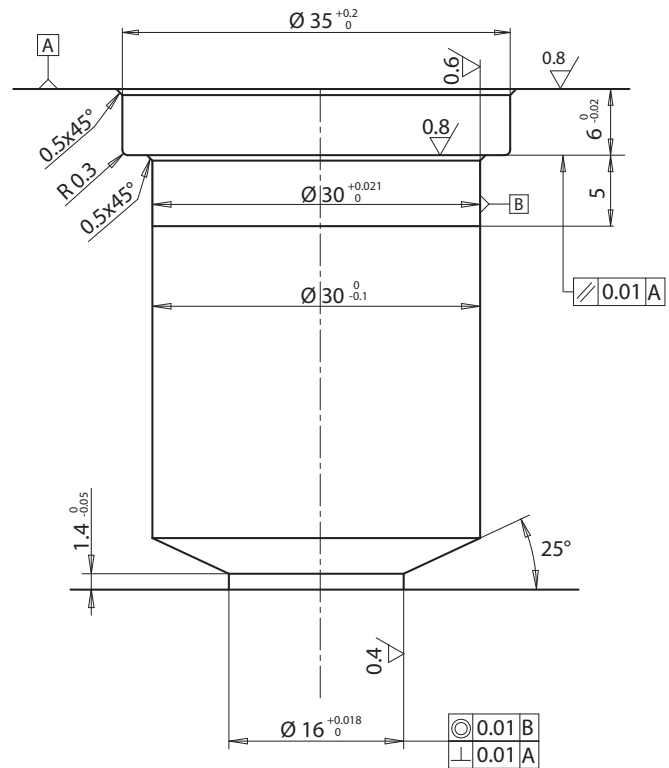


BUSHING / BOCCOLA



Draft angle at customer care
Sformatura a cura cliente

BUSHING CUTOUT / SEDE BOCCOLA



	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TF Ø 23 sliding nozzles/ugelli a rasamento		TF6 Ø 23 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
TF Ø 23	23	1 - 1GLT	0.6 >> 1.2	46	E09611/ØY	E09612/ØY	E16950/ØY	E16952/ØY
				56	E09563/ØY	E09564/ØY	E16951/ØY	E16953/ØY
		2 - 2P	1.0 >> 2.0	46	E09824/ØY	E09826/ØY	E16954/ØY	E16956/ØY
				56	E09825/ØY	E09827/ØY	E16955/ØY	E16957/ØY
		3 cylindrical 3 cilindrico	0.8 >> 2	46	E09841/ØY	E09843/ØY	MOØ23 - pag. 11.20	
				56	E09842/ØY	E09844/ØY		
		3conical 3 conico	0.8 >> 1.3	46	E09922/ØY	E09924/ØY		
				56	E09923/ØY	E09925/ØY		

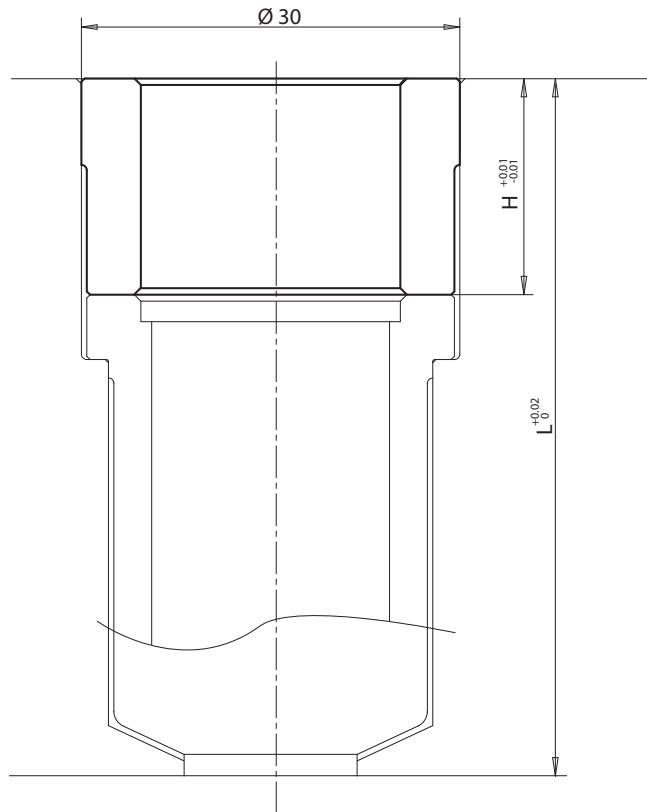
	Nozzle Ø Ø Ugello	TYPE TIPO	Ø Y *	L	TD Ø 22 sliding nozzles/ugelli a rasamento		TD6 Ø 22 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
TD Ø 22	22	1 - 1GLT	0.6 >> 1.2	36	E17085/ØY	E17087/ØY	E17085/ØY	E17087/ØY
				46	E17086/ØY	E17088/ØY	E17086/ØY	E17088/ØY
		2	1.0 >> 2.0	36	E17772/ØY	E17774/ØY	E17772/ØY	E17774/ØY
				46	E17773/ØY	E17775/ØY	E17773/ØY	E17775/ØY
		3 cylindrical 3 cilindrico	0.8 >> 1.3	36	E17647/ØY	E17649/ØY	--	--
				46	E17648/ØY	E17650/ØY	--	--
		3conical 3 conico	0.8 >> 1.6	36	E17659/ØY	E17661/ØY	--	--
				46	E17660/ØY	E17662/ØY	--	--

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

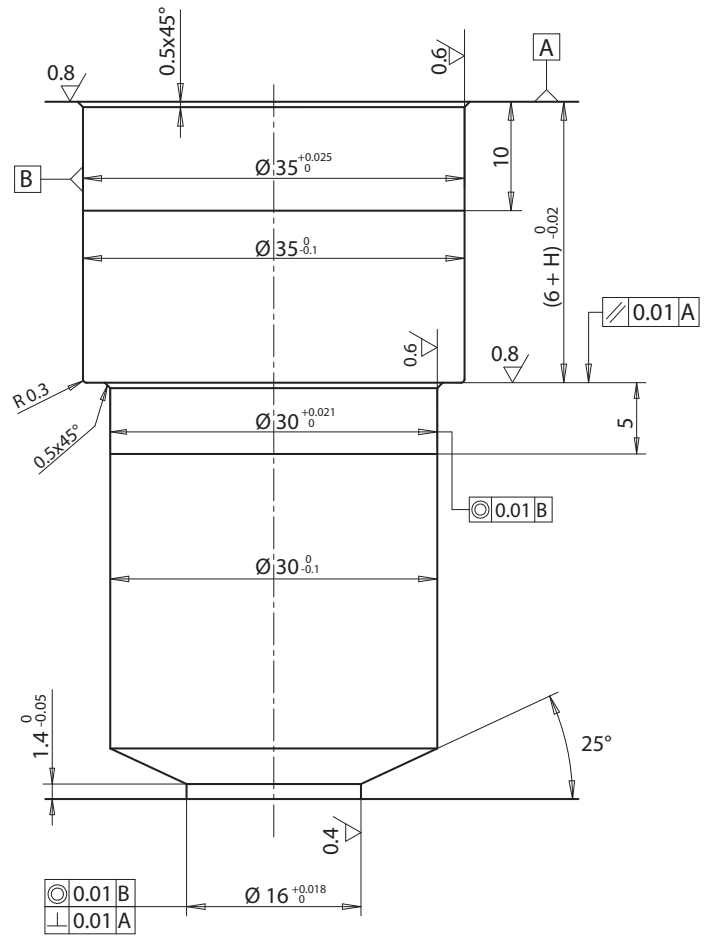
Thermoplay si riserva in fase d'ordine di valutare la fattibilità del diametro del foro rispetto all'altezza dell'extralunghezza



SPACER / DISTANZIALE



SPACER CUTOUT / SEDE DISTANZIALE



TF Ø 23

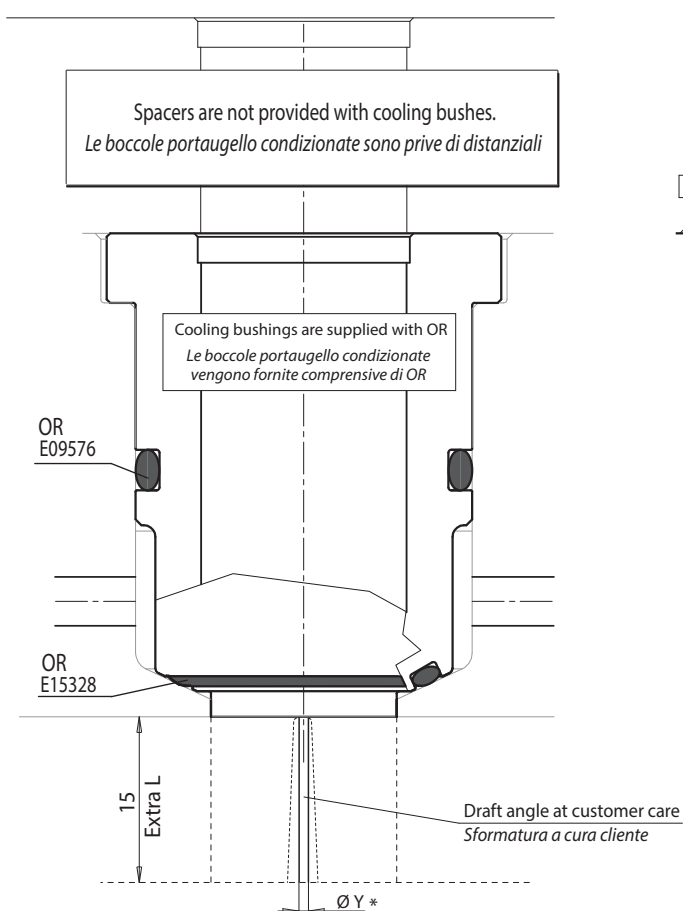
TF Ø 23 sliding nozzles ugelli a rasamento	E09579	E09580	E09581	E09582	E09583	E09584	E09585	E09586	E09587	E09588	E09589	E09590	E09591	E09592	E09593	E09643
H	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160
TF6 Ø 23 single nozzles monougelli	E16966	E16967	E16968	E16969	E16970	E16971	E16972	E16973	E16974	E16975	E16976	E16977	E16978	E16979	E16980	E16981

TD Ø 22

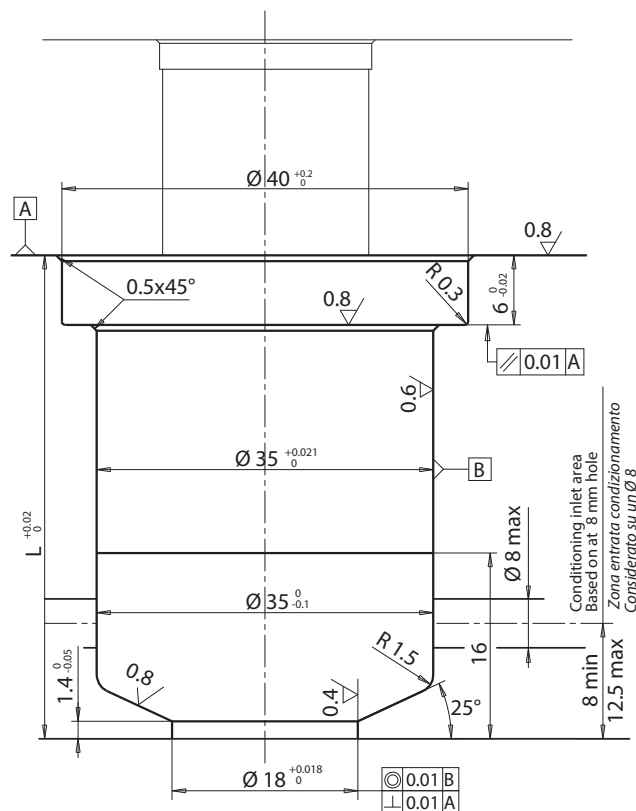
TD Ø 22 sliding nozzles ugelli a rasamento	E17561	E06826	E17562	E06827	E07086	E17563	E17564	E17565	E17566	E17567
H	10	20	30	40	50	60	70	80	90	100
TD6 Ø 22 single nozzles monougelli	E17561	E06826	E17562	E06827	E07086	E17563	E17564	E17565	E17566	E17567



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 23	Nozzle Ø Ugello	TYPE TIPO	Ø Y *	L	TF Ø 23 sliding nozzles/ugelli a rasamento		TF6 Ø 23 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
					code/codice	code/codice extra L	code/codice	code/codice extra L
TF Ø 23	23	1 - 1GLT	0.6 >> 1.2	46	E09613/ØY	E09614/ØY	E16982/ØY	E16984/ØY
				56	E09572/ØY	E09573/ØY	E16983/ØY	E16985/ØY
		2 - 2P	1.0 >> 2.0	46	E09828/ØY	E09830/ØY	E16986/ØY	E16988/ØY
				56	E09829/ØY	E09831/ØY	E16987/ØY	E16989/ØY
		3 cylindrical 3 cilindrico	0.8 >> 1.8	46	E09845/ØY	E09847/ØY	MOØ23 - pag. 11.21	
				56	E09846/ØY	E09848/ØY		
		3conical 3conico	0.8 >> 2	46	E09930/ØY	E09932/ØY		
				56	E09931/ØY	E09933/ØY		
		1D-3D	--	46	E09702	--	E16998	--
				56	E09703	--	E16999	--
		2D	--	46	E09834	--	E17000	--
				56	E09835	--	E17001	--

TD Ø 22	Nozzle Ø Ugello	TYPE TIPO	Ø Y *	L	TD Ø 22 sliding nozzles/ugelli a rasamento		TD6 Ø 22 single nozzles/monougelli	
					code/codice	code/codice extra L	code/codice	code/codice extra L
					code/codice	code/codice extra L	code/codice	code/codice extra L
TD Ø 22	22	1 - 1GLT	0.6 >> 1.2	36	E17575/ØY	E17577/ØY	E17575/ØY	E17577/ØY
				46	E17576/ØY	E17578/ØY	E17576/ØY	E17578/ØY
		2	1.0 >> 2.0	36	E17788/ØY	E17790/ØY	E17788/ØY	E17790/ØY
				46	E17789/ØY	E17791/ØY	E17789/ØY	E17791/ØY
		3 cylindrical 3 cilindrico	0.8 >> 1.3	36	E17623/ØY	E17625/ØY	--	--
				46	E17624/ØY	E17626/ØY	--	--
		3conical 3conico	0.8 >> 1.6	36	E17635/ØY	E17637/ØY	--	--
				46	E17636/ØY	E17638/ØY	--	--