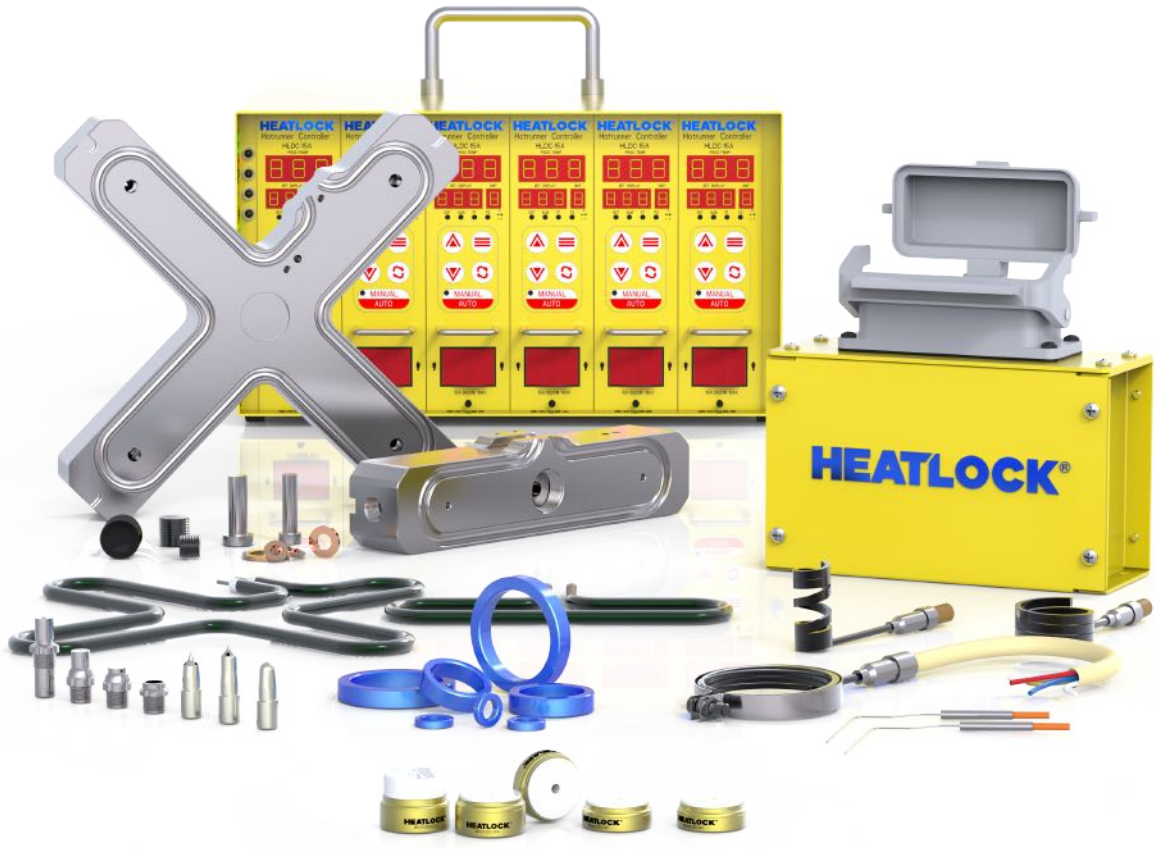
HEATLOCK®

YOUR GLOBAL HOT-RUNNER SOLUTION



Spare Part EN

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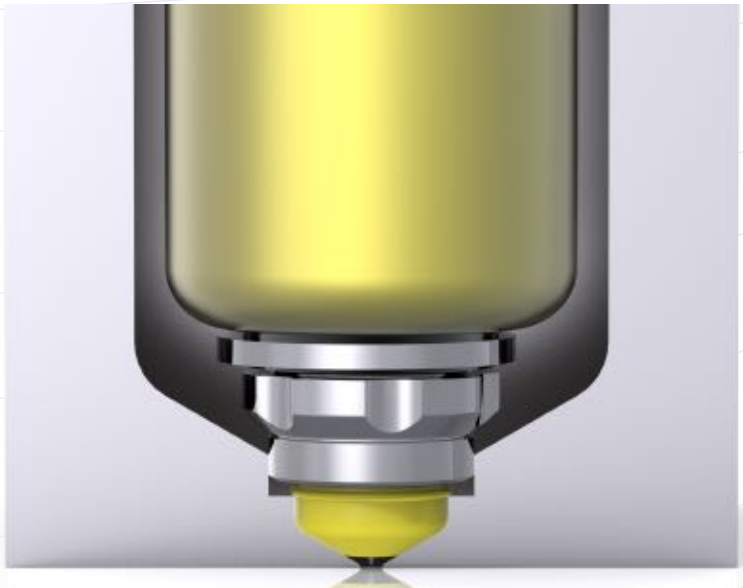
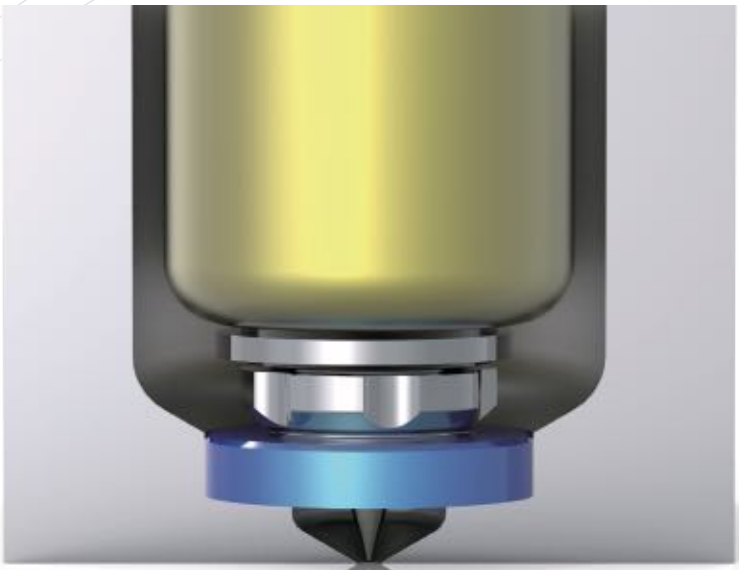
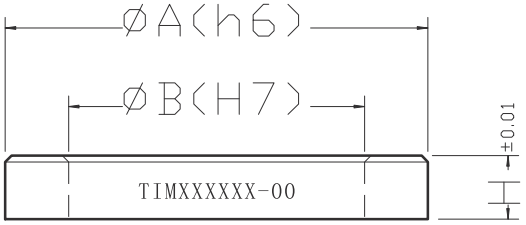
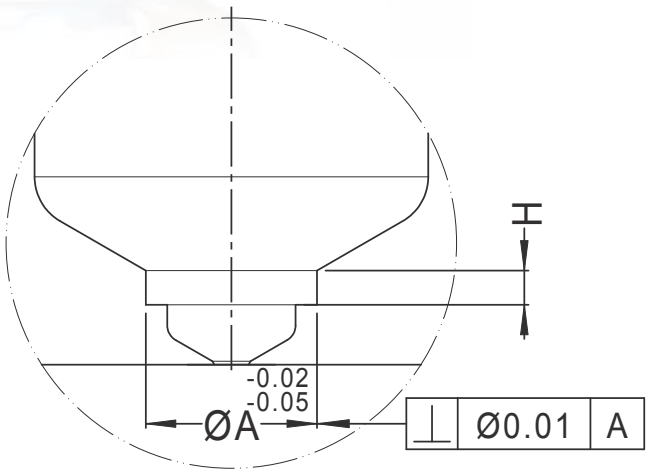


Size	Part No.	OD	H
A1-1	A1FC11133	11	3.35
A1-2	A1FC21345	13.9	4.57
A1-3	A1FC31806	18.9	6.01
A2/3-04	A3FC044724	4.7	2.46
A2/3-05	A3FC057939	7.9	4.9
	A3FC057949	7.9	4.9
	A3VGFC057939	7.9	3.98
A2/3-07	A3FC079443	9.4	4.33
	A3VGFC079441	9.4	4.1
A2/3-10	A3FC101372	12.9	7.24
	A3VGFC101348	12.8	4.8
A2/3-17	A3FC171892	18.5	9.22
A2/3-24	A3FC243015	30.2	15.08

Front Titanium Ring

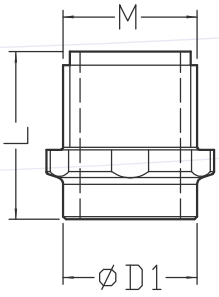






Size	Part No.	A	B	H
A2/3-04	TIM00900615	9	6	1.5
A2/3-05	TIM01400803	14	8	3
A2/3-07	TIM01601003	16	10	3
A1-1	TIM01701103	17	11	3
A2/3-07	TIM01801204	18	12	3
A1-2	TIM02001403	20	14	3

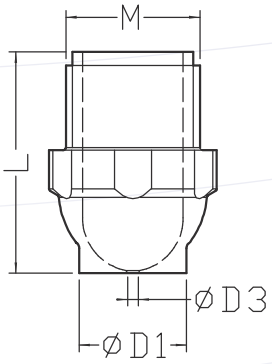
OS Nut



(mm)

Size	Part No.	M	D1	L
04	A3OS030706	M7x0.75	6	10
MT 04	A3SL650908	M9x0.75	8	11.2
	A3SL6509086			
05	A3OS11010	M10x0.75	10	12.5
	A3OS11010-MAG			
07	A3OS21212	M12x0.75	12	15.5
	A3OS21212-MAG			
10	A3OS31618	M16x1.5	18	21.5
17	A3OS42426	M24x1.5	26	24.5
24	A3OS244040	M40x1.5	40	35.5
	A3OS244040-MAG			

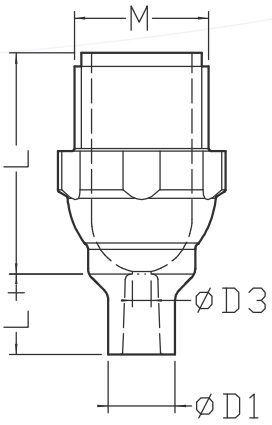
PS Front



(mm)

Size	Part No.	M	D1	D3	L
04	A3PS030706	M7x0.75	6	≥0.6	10
05	A3PS10810	M10x0.75	8	≥0.8	16.5
07	A3PS21012	M12x0.75	10	≥0.8	19.5
10	A3PS31416	M16x1.5	14	≥2.0	26.5

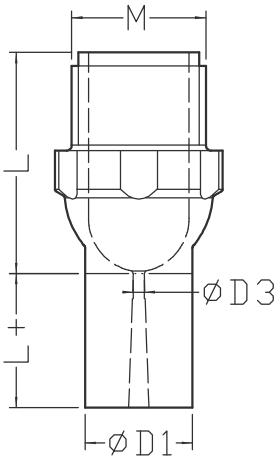
SX Front



(mm)

Size	Part No.	M	D1	D3	L	L+
04	A3SX030507	M7x0.75	5	≥0.6	10	5
05	A3SX10510	M10x0.75	5	≥1.4	16.5	6
07	A3SX20712	M12x0.75	7	≥1.8	19.5	7
10	A3SX31016	M16x1.5	10	≥2.5	26.5	7

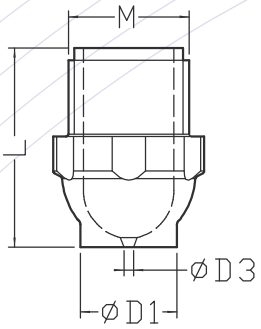
PX Front



(mm)

Size	Part No.	M	D1	D3	L	L+
04	A3PX030706	M7x0.75	6	≥0.6	10	5
05	A3PX10810	M10x0.75	8	≥0.8	16.5	10
	A3PX10810-BA			≥1.5		6
	A3PX10810-MAG			≥0.8		10
07	A3PX21012	M12x0.75	10	≥0.8	19.5	15
10	A3PX31416	M16x1.5	14	≥2	26.5	15

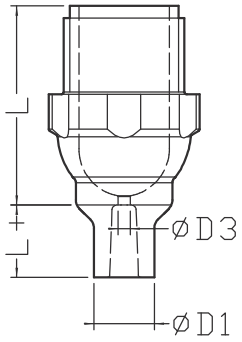
GS Front



(mm)

Size	Part No.	M	D1	D3	L
05	A3GS10810	M10x0.75	8	≥0.8	16.5
07	A3GS21012	M12x0.75	10	≥1.0	19.5

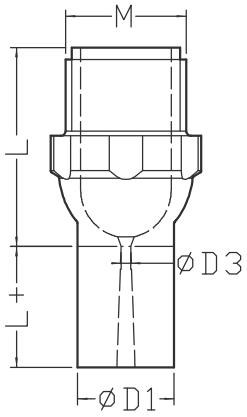
VX Front



(mm)

Size	Part No.	M	D1	D3	L	L+
05	A3VX10510	M10x0.75	5	≥1.0	16.5	6
07	A3VX20712	M12x0.75	7	≥1.5	19.5	7
10	A3VX31016	M16x1.5	10	≥2.0	26.5	7

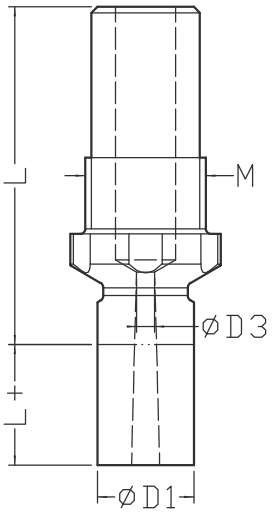
GX Front



(mm)

Size	Part No.	M	D1	D3	L	L+
05	A3GX10810	M10x0.75	8	≥0.8	16.5	10
07	A3GX21012	M12x0.75	10	≥1.0	19.5	15
10	A3GX31416	M16x1.5	14	≥1.5	26.5	15

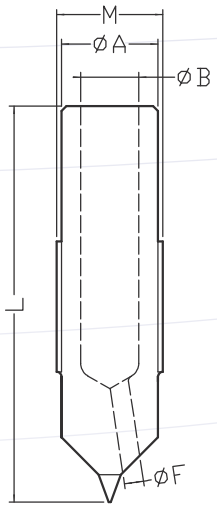
ENX Front



(mm)

Size	Part No.	M	D1	D3	L	L+
10	A3ENX31416	M16x1.5	14	≥2.0	40	15
17	A3ENX42024	M24x1.5	20	≥1.0	45	20
24	A3ENS243540	M40x1.5	35	≥12	74	0

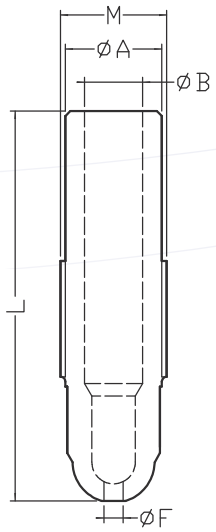
TN tip



(mm)

Size	Part No.	M	A	B	L	F	Feedexit
A1TN1	A1TN130151	M8x0.75	7.1	4	30	1.5	3
	A1TN130153					1.5	3
	A1TN130221					2.2	1
A1TN2	A1TN241201	M11x0.75	10	6	41	2	3
	A1TN241203					2	3
	A1TN241301					3	1
A1TN3	A1TN349301	M15x1.0	13.5	9	49	3	3
	A1TN349303					3	3
	A1TN349431					4.3	1
A1TN4	A1TN452451	M22x1.5	20.5	14	52	4.5	3
	A1TN452453					4.5	3
	A1TN452601					6	1

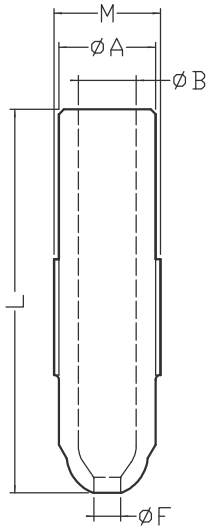
TP tip



(mm)

Size	Part No.	M	A	B	L	F
A1TP1	A1TP129151	M8x0.75	7.1	4	29.35	1.5
A1TP2	A1TP240201	M11x0.75	10	6	40.35	2
	A1TP240001					0
A1TP3	A1TP348251	M15x1.0	13.5	9	48.2	2.5
A1TP4	A1TP451301	M22x1.5	20.5	14	51.1	3

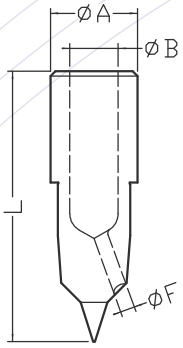
TV tip



(mm)

Size	Part No.	M	A	B	L	F
A1TV1	A1TV128171	M8x0.75	7.1	4	28.7	1.7
	A1TV128173					
A1TV2	A1TV239271	M11x0.75	10	6	39.7	2.7
	A1TV239273					
A1TV3	A1TV347371	M15x1.0	13.5	9	47.3	3.7
	A1TV347373					
A1TV4	A1TV450621	M22x1.5	20.5	14	50.3	6.2
	A1TV450623					

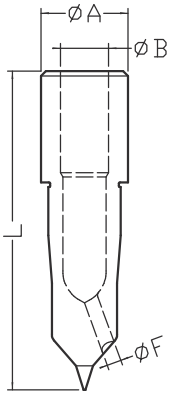
TN tip



(mm)

Size	Part No.	A	B	L	F	Feed exit
04	A3TN0306161-1	6	4	16	1.5	1
	A3TN0306161-2					2
	A3TN0306163-1					1
MT-04	A3TN0465251	8	4	25	1.5	3
	A3TN0465253-1				2.2	1
05	A3TN109281-1	9	5	28	2.5	1
	A3TN109281-3				1.5	3
	A3TN109283-1				2.5	1
	A3TN109284-1				2.5	1
07	A3TN211351-1	11	7	35	3.3	1
	A3TN211351-3				2	3
	A3TN211353-1				3.3	1
	A3TN211354-1				3.3	1
10	A3TN314401-1	14	10	40	4.5	1
	A3TN314401-3				3	3
	A3TN314403-1				4.5	1
	A3TN314404-1				4.5	1
17	A3TN422451-1	22	17	45	6	1
	A3TN422451-3				4.5	3
	A3TN422453-1				6	1
24	A3TN2436741-1	36.5	24	74	10	1
	A3TN2436741-3				6	3
	A3TN2436742-1				10	1

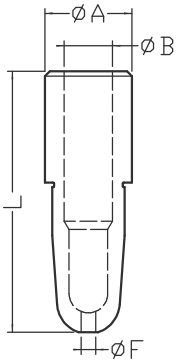
Extend TN tip



(mm)

Size	Part No.	A	B	L	F	Feed exit
05	A3TN109331-1	9	5	33	2.5	1
	A3TN109331-3				1.5	3
07	A3TN211401-1	11	7	40	3.3	1
	A3TN211401-3				2	3

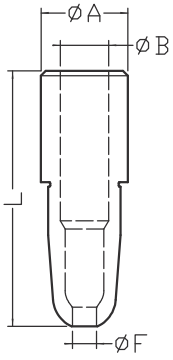
TP tip



(mm)

Size	Part No.	A	B	L	F
04	A3TP030615	6	4	15	1.5
05	A3TP109271	9	5	27	1.5
07	A3TP211331	11	7	33.8	2.75
10	A3TP31438	14	10	38.6	3
17	A3TP42243	22	17	43.5	4
24	A3TP2436741-3	36.5	24	70.5	5

TV tip



(mm)

Size	Part No.	A	B	L	F
05	A3TV109261	9	5	26.4	2.5
	A3TV109263				
07	A3TV211331	11	7	33.4	3
	A3TV211333				
10	A3TV314381	14	10	37.8	4.5
	A3TV314383				

Spring Clip Of Nozzle

Size	Part NO.	ID	H
A1-1	F-S-SPRINGCLIP-1110	11.1	1
A1-2	F-S-SPRINGCLIP-1310	13.8	1
A1-3	F-S-SPRINGCLIP-1912	19.5	1.2
A1-4	F-S-SPRINGCLIP-2412	24.2	1.2
A2/3-04	F-S-SPRINGCLIP-8408	8.4	0.8
A2/3-05	F-S-SPRINGCLIP-1210	12	1
A2/3-07	F-S-SPRINGCLIP-1410	14.7	1
A2/3-10	F-S-SPRINGCLIP-1912	19.5	1.2
A2/3-17	F-S-SPRINGCLIP-2515	25.9	1.5
A2/3-24	F-S-CUSH-00458	45.8	2
A2MT-04 CC10	F-S-SPRINGCLIP-1912	19.5	1.2
A2/3MT04 cc16	F-S-SPRINGCLIP-2412	24.2	1.2
A2/3MT05 cc24	F-S-SPRINGCLIP-3517	35.2	1.75
A2/3MT05 cc32	F-S-SPRINGCLIP-4117	41.5	1.75

Reflector Of Nozzle

Size	Part No.
A1-1	RFT120120-040
	RFT120120-050
	RFT120120-060
	RFT120120-080
	RFT120120-100
	RFT120120-120
A1-2	RFT224200-040
	RFT224200-060
	RFT224200-080
	RFT224200-100
	RFT224200-120
	RFT224200-140
	RFT224200-160
A1-3	RFT334200-060
	RFT334200-080
	RFT334200-100
	RFT334200-120
	RFT334200-140
	RFT334200-160
	RFT334200-180
A1-4	RFT438200-080
	RFT438200-100
	RFT438200-120
	RFT438200-140
	RFT438200-160
	RFT438200-180
	RFT438200-200

Size	Part No.
A2-04	GRFT113120-050
	GRFT113120-060
	GRFT113120-080
	GRFT113120-100
A2-05	GRFT120120-040
	GRFT120120-050
	GRFT120120-060
	GRFT120120-080
	GRFT120120-100
	GRFT120120-120
A2-07	GRFT224200-040
	GRFT224200-060
	GRFT224200-080
	GRFT224200-100
	GRFT224200-120
	GRFT224200-140
	GRFT224200-160
A2-10	GRFT334200-060
	GRFT334200-080
	GRFT334200-100
	GRFT334200-120
	GRFT334200-140
	GRFT334200-160
	GRFT334200-180

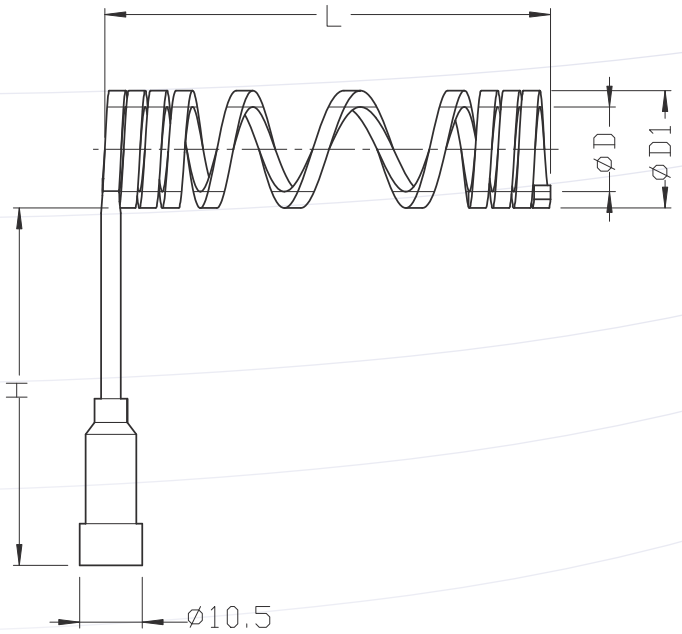
Size	Part No.
A2MT-04	RFT334200-040
	RFT334200-080
A2MT-04	RFT438200-060
	RFT438200-080
A2MT-05	MTRFT548073
	MTRFT556073

Size	Part No.
A2 MEGA	RFT2460300-M
	RFT2460400-M
	RFT2460500-M

Size	Part No.
A2XL-10	RFT334200-M
	RFT334250-M
	RFT334300-M
	RFT334350-M
	RFT334400-M
	RFT334450-M
	RFT334500-M
A2XL-17	RFT438250-M
	RFT438300-M
	RFT438350-M
	RFT438400-M
	RFT438450-M
	RFT438500-M

Size	Part No.
A3-05	GRFT120120-064
	GRFT120120-074
	GRFT120120-094
	GRFT120120-114
	GRFT120120-134
A3-07	GRFT224200-074
	GRFT224200-094
	GRFT224200-114
	GRFT224200-134
	GRFT224200-154
	GRFT224200-174

Coil Heater



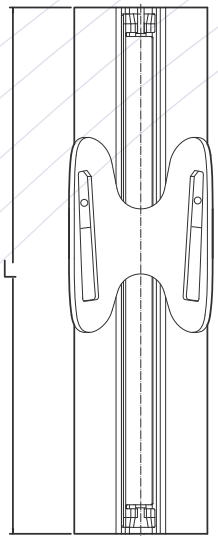
Coil heater

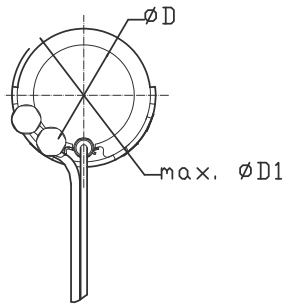
Unevenly wound to give a more even heat supply along the bushings length. Without built-in thermocouple. Voltage 230 V. Each heater is separately tested when produced to ensure high quality. The dimension of the resistanc wire is made so it will not be damaged even if the heater is used with maximum power constantly.
The length can be adjusted if needed by pulling the heater.

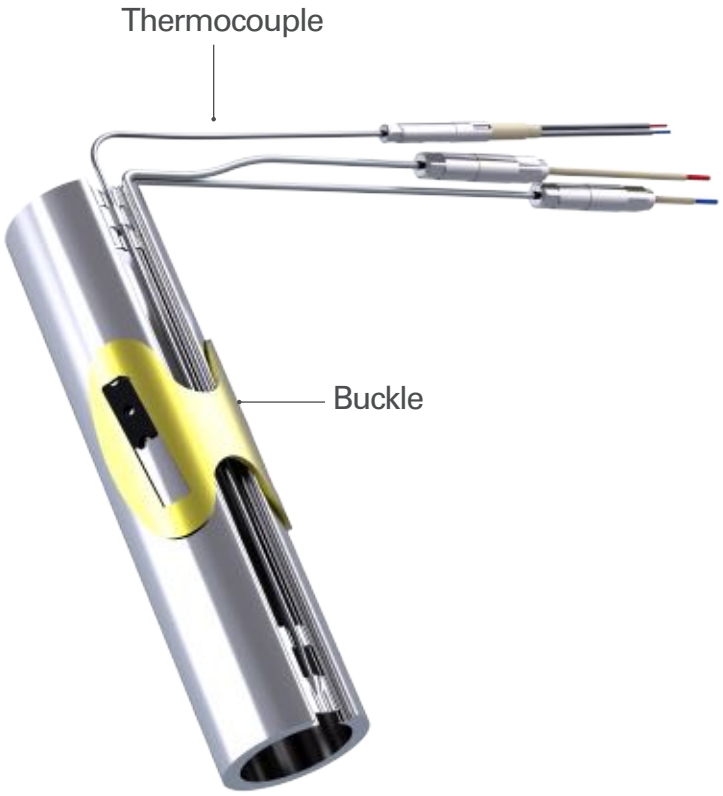
Part NO	ΦD/mm	ΦD1/mm	L/mm	Wattage/W	H
CS20080500200	8.3	10.6	50	200	70
CS20080600250	8.3	10.6	60	200	
CS20080800300	8.3	10.6	80	225	
CS20081000350	8.3	10.6	100	250	
CS14120330200	12.3	16.7	33	200	70
CS14120430200	12.3	16.7	43	200	
CS14120530225	12.3	16.7	53	225	
CS14120730250	12.3	16.7	73	250	
CS14120930350	12.3	16.7	93	350	
CS14121130350	12.3	16.7	113	350	
CS14150310260	15.3	19.7	31	260	70
CS14150510300	15.3	19.7	51	300	
CS14150710350	15.3	19.7	71	350	
CS14150910450	15.3	19.7	91	450	
CS14151110450	15.3	19.7	111	450	
CS14151310500	15.3	19.7	131	500	
CS14151510550	15.3	19.7	151	550	
CS14210330300	21.3	25.7	33	300	50
CS14210490400	21.3	25.7	49	400	
CS14210690450	21.3	25.7	69	450	
CS14210890500	21.3	25.7	89	500	
CS14211090600	21.3	25.7	109	600	
CS14211290650	21.3	25.7	129	650	
CS14211490700	21.3	25.7	149	700	
CS14211690750	21.3	25.7	169	750	
CS01280520500	28.3	33.7	52	500	50
CS01280680600	28.3	33.7	68	600	
CS01280880700	28.3	33.7	88	700	
CS01281080750	28.3	33.7	108	750	
CS01281280800	28.3	33.7	128	800	
CS01281480850	28.3	33.7	148	850	
CS01281680900	28.3	33.7	168	900	
CS01281880950	28.3	33.7	188	950	

Part NO	ΦD/mm	ΦD1/mm	L/mm	Wattage/W	H
CS01370720700	37.8	43.2	72	700	50
CS01430720900	37.8	43.2	72	900	
CS14210500250-1	21.3	25.7	50	250	50
CS14211250500-2-M	21.3	25.7	125	500	
CS14211750650-2-M	21.3	25.7	175	650	
CS14212250750-2-M	21.3	25.7	225	750	
CS14212750900-2-M	21.3	25.7	275	900	
CS14213251000-2-M	21.3	25.7	325	1000	
CS14213751400-2-M	21.3	25.7	375	1400	
CS14214251500-2-M	21.3	25.7	425	1500	
CS01280500350-1	28.3	33.7	50	350	50
CS01281750800-2-M	28.3	33.7	175	800	
CS01282250950-2-M	28.3	33.7	225	950	
CS01282751200-2-M	28.3	33.7	275	1200	
CS01283251350-2-M	28.3	33.7	325	1350	
CS01283751550-2-M	28.3	33.7	375	1550	
CS01284251750-2-M	28.3	33.7a	425	1750	
CS01490800750-1	49.8	55.2	80	750	50
CS01491871800-2-M	49.8	55.2	187	1800	
CS01492871800-2-M	49.8	55.2	287	1800	
CS01493871800-2-M	49.8	55.2	387	1800	

HP Heater





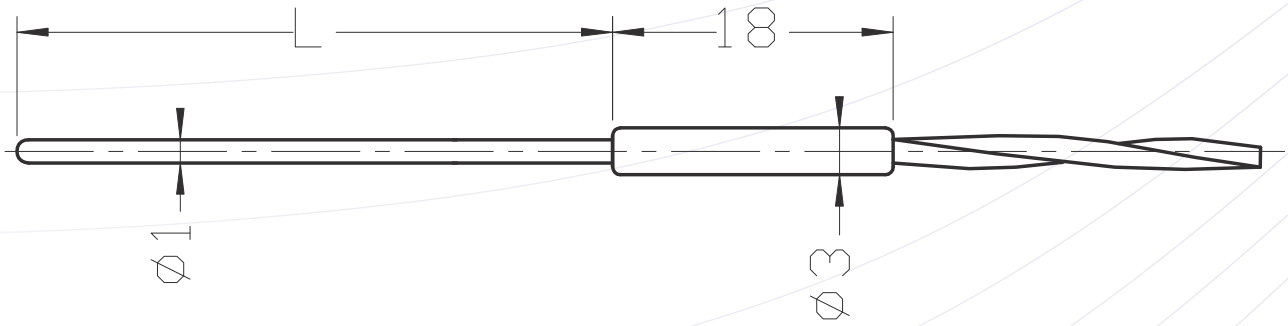


HPO heater which is we together with our heater supplier developed the heater to suit the design and application. Regardless of melt temperature of mould temperature do we have an excellent temperature profile, so good we simply call the heater series THE STRAIGHT!
Of course with our signum, easy to service and maintain.

Part NO.	ΦD/mm	ΦD1/mm	L/mm	Wattage/W	Buckle	Spare Thermocouple
HS15150310160	15.5	23	31	160	1	TC00160160-17
HS15150430229			43	229	1	TC00160160-26
HS15150560239			56	239	1	TC00160160-39
HS15150690248			69	248	1	TC00160160-26
HS15150810258			81	258	1	TC00160210-29
HS15150940267			94	267	2	
HS15151070277			107	277	2	
HS15151320295			132	295	2	TC00160260-29
HS15151580314			158	314	2	

Thermocouple For Nozzle

Thin thermocouple used to measure the temperature on our Heatlock bushes. The thermocouple is protected by a capton tube. It measures in the tip of the tube.
The tube can be bent with an radius of min.3mm. Measures temperatures up to 400°C.
The Ø3 mm base can withstand temperatures up to max.260°C.

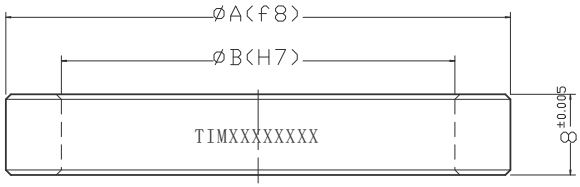


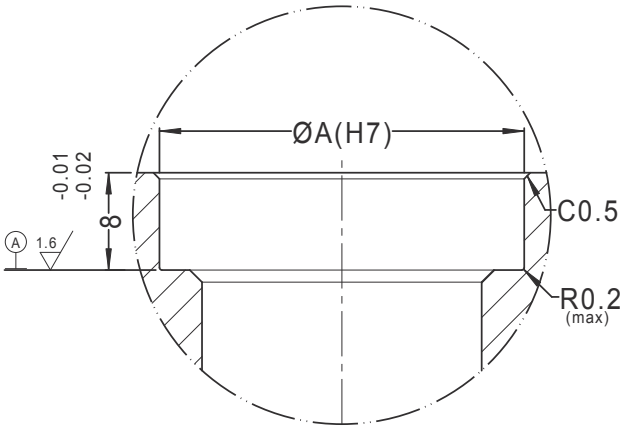
Part NO.	L
TC00140195	45
TC00140200	55
TC00140210	75
TC00140220	100
TC00140230	110
TC00140250	160
TC00140270	210
TC00140290	260
TC00140310	300
TC00140330	340
TC00140350	380

Part NO.	L	Position Ring
TC00160160-17	160	17
TC00160160-26	160	26
TC00160160-39	160	39
TC00160210-29	210	29
TC00160260-29	260	29

TC00160 thermocouple with position ring which is spare TC for HP heater.

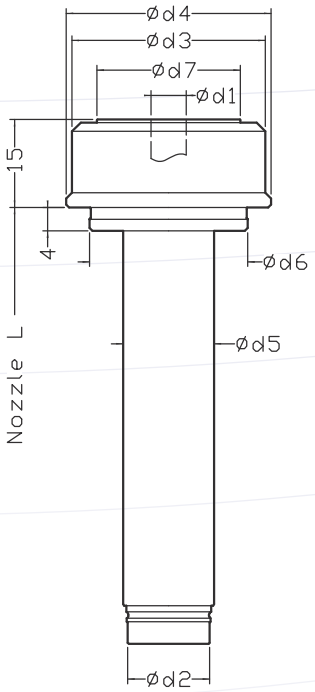
Body location ring





Size	Part No.	A	B
A2-04	TIM02301708	23	17
A1-1/A2-05	TIM03002308	30	23
A1-2/A2-07	TIM03602708	36	27
	TIM04002708	40	27
	TIM05002708	50	27
A1-3/A2-10	TIM05003908	50	39
A1-4/A2-17	TIM05404408	54	44
A2MT-04	TIM05404408	65	53
A2MT-05	TIM07306108	73	61

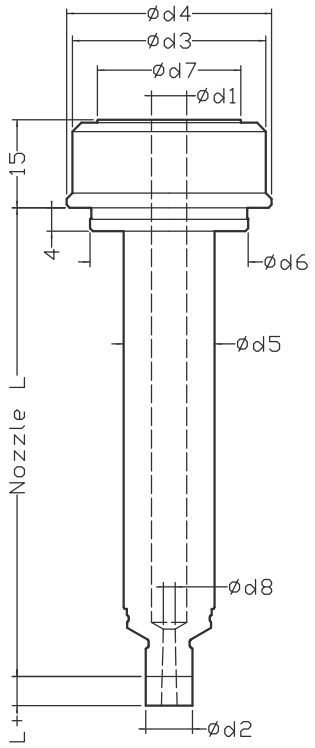
A1 Nozzle body



(mm)

Size	Part No.	Nozzle L	d1	d2	d3	d4	d5	d6	d7
A1BD1	A1BD104011	40	6-4	11	27	29	12.5	23	18
	A1BD105011	50							
	A1BD106011	60							
	A1BD108011	80							
	A1BD110011	100							
	A1BD112011	120							
A1BD2	A1BD204014	40	6	14	33	35	15.5	27	24.5
	A1BD206014	60							
	A1BD208014	80							
	A1BD210014	100							
	A1BD214014	120							
	A1BD214014	140							
	A1BD216014	160							
A1BD3	A1BD306019	60	9	19	47	48	21.5	39	32
	A1BD308019	80							
	A1BD310019	100							
	A1BD312019	120							
	A1BD314019	140							
	A1BD316019	160							
	A1BD318019	180							
A1BD4	A1BD408025	80	14	25	51	52	28.5	44	34.5
	A1BD410025	100							
	A1BD412025	120							
	A1BD414025	140							
	A1BD416025	160							
	A1BD418025	180							
	A1BD420025	200							

A1EN Nozzle body



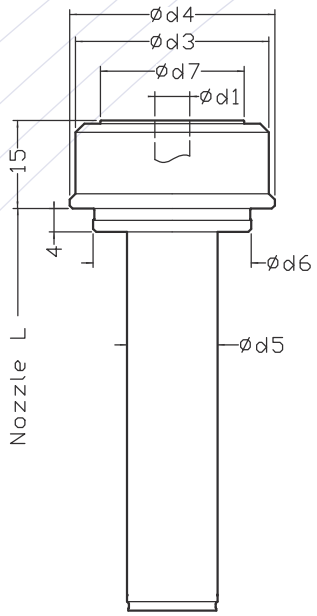
(mm)

Size	Part No.	Nozzle L	L+	d1	d2	d3	d4	d5	d6	d7	d8
A1EN1	A1EN104006	40	5	6-4	11	27	29	12.5	23	18	1.5
	A1EN105006	50									
	A1EN106006	60									
	A1EN108006	80									
	A1EN110006	100									
	A1EN112006	120									
A1EN2	A1EN204008	40	5	6	14	33	35	15.5	27	24.5	2
	A1EN206008	60									
	A1EN208008	80									
	A1EN210008	100									
	A1EN212008	120									
	A1EN214008	140									
	A1EN216008	160									
A1EN3	A1EN306012	60	10	9	19	47	48	21.5	39	32	2
	A1EN308012	80									
	A1EN310012	100									
	A1EN312012	120									
	A1EN314012	140									
	A1EN316012	160									
	A1EN318012	180									
A1EN4	A1EN408016	80	20	14	25	51	52	28.5	44	34.5	3
	A1EN410016	100									
	A1EN412016	120									
	A1EN414016	140									
	A1EN416016	160									
	A1EN418016	180									
	A1EN420016	200									

Dimension of the nozzle bore, please refer to the nozzle catalogue.

A2 Nozzle body

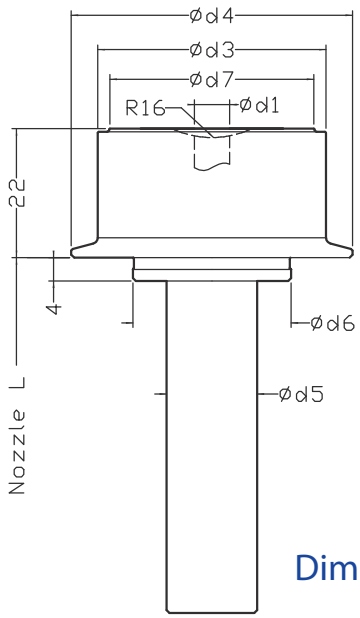
(mm)



Size	Part No.	Nozzle L	d1	d3	d4	d5	d6	d7
04	A2BD105004	50	5-4	21	23	8.5	17	14
	A2BD105004	60						
	A2BD105004	80						
	A2BD105004	100						
05	A2BD104005	40	5	27	29	12.5	23	18
	A2BD105005	50						
	A2BD106005	60						
	A2BD108005	80						
	A2BD110005	100						
	A2BD112005	120						
07	A2BD204007	40	7	33	35	15.5	27	24.5
	A2BD206007	60						
	A2BD208007	80						
	A2BD210007	100						
	A2BD212007	120						
	A2BD214007	140						
	A2BD216007	160						
10	A2BD306010	60	10	47	48	21.5	39	32
	A2BD308010	80						
	A2BD310010	100						
	A2BD312010	120						
	A2BD314010	140						
	A2BD316010	160						
	A2BD318010	180						
10-XL	A2BD320010-M	≤200	10	47	48	21.5	39	32
	A2BD325010-M	≤250						
	A2BD330010-M	≤300						
	A2BD335010-M	≤350						
	A2BD340010-M	≤400						
	A2BD345010-M	≤450						
	A2BD350010-M	≤500						
17-XL	A2BD425017-M	≤250	17	51	52	28.5	44	34.5
	A2BD430017-M	≤300						
	A2BD435017-M	≤350						
	A2BD440017-M	≤400						
	A2BD445017-M	≤450						
	A2BD450017-M	≤500						

A2-07SC Nozzle body

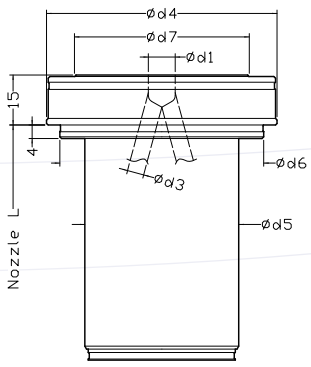
(mm)



Size	Part No.	Nozzle L	d1	d3	d4	d5	d6	d7
07	A2SCBD203507	35	7	39	48	15.5	27	34.8
	A2SCBD205007	50						
	A2SCBD206007	60						
	A2SCBD207507	75						
	A2SCBD208507	85						
	A2SCBD210007	100						
	A2SCBD211007	110						
	A2SCBD213507	135						
	A2SCBD216007	160						

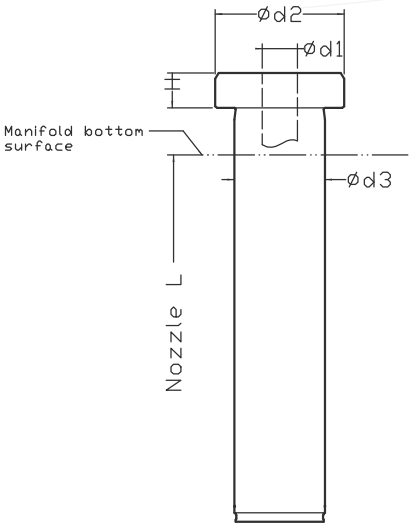
Dimension of the nozzle bore, please refer to the nozzle catalogue.

A2-MT Nozzle body



Size	Part No.	Nozzle L	d1	d3	d4	d5	d6	d7
04	A2MBD04040102	40	8	4	48	21.5	39	32
	A2MBD04080102	80						
	A2MBD04060162	60	8	4	52	28.5	44	34.5
	A2MBD04080162	80						
	A2MBD04060164	60						
	A2MBD04080164	80						
04	A2MBD05080242	80	8	5	48	38	53	43.5
	A2MBD05080243	80						
	A2MBD05080244	80						
	A2MBD05080322	80	8	5	56	46	61	51.5
	A2MBD05080323	80						
	A2MBD05080324	80						

A3 Nozzle body



Size	Part No.	Nozzle L	H	d1	d2	d3
04	A3BD106404	64	4	5-4	12	8.5
	A3BD107404	74				
	A3BD109404	94				
	A3BD111404	114				
05	A3BD106405	64	6	5	18	12.5
	A3BD107405	74				
	A3BD109405	94				
	A3BD111405	114				
	A3BD113405	134				
07	A3BD207407	74	6	7	22	15.5
	A3BD209407	94				
	A3BD211407	114				
	A3BD213407	134				
	A3BD215407	154				
	A3BD217407	174				

Dimension of the nozzle bore, please refer to the nozzle catalogue.

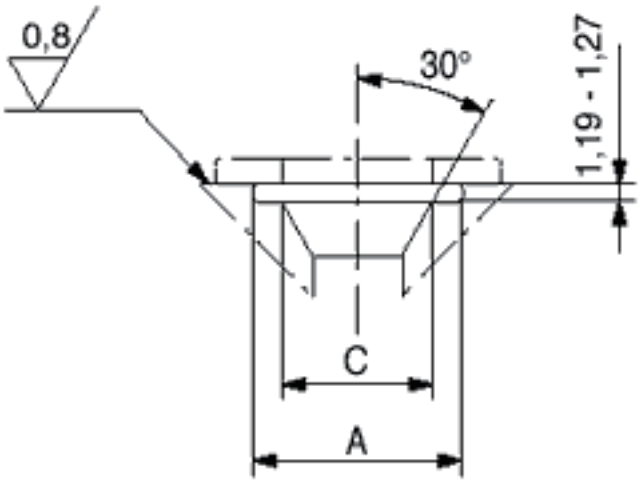
O-rings of stainless steel

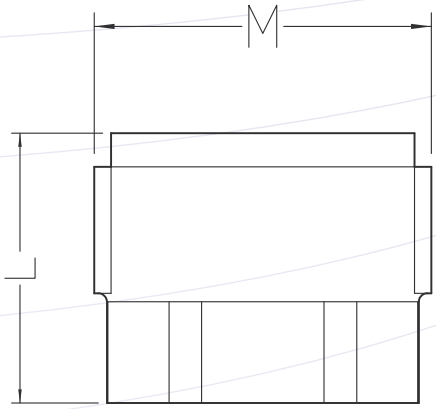
Part No.	I. ℄ mm	O. ℄ mm
ORING00500	9.56	12.70
ORING00608	11.10	14.27
ORING00610	14.27	17.45
ORING00615	15.90	19.05
ORING00620	17.45	20.65
ORING00630	19.05	22.23
ORING00640	23.80	26.97
ORING00645	25.43	28.58
ORING00650	26.97	30.18

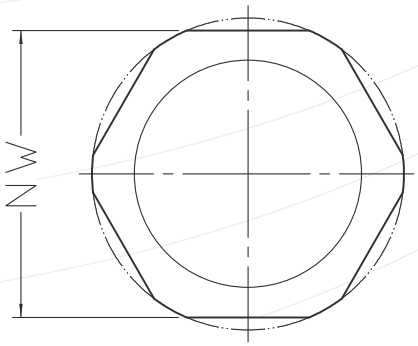
To seal the joints of hot runner system. The O-ring is made of stainless steel pipe and gives when built in according to the instructions seal proof joint. A hole on the inside diameter of the tubular ring increases the internal pressure of the O-ring, when the plastic flow channel is filled with melted plastic material. This helps to increase the O-rings sealing capacity.

Boring instructions for O-rings.

Part No.	A $^{+0.1}_{-0.0}$	C
ORING00500	12.83	8.89
ORING00608	14.40	10.46
ORING00610	17.59	13.65
ORING00615	19.18	15.24
ORING00620	20.76	16.83
ORING00630	22.35	18.42
ORING00640	27.15	23.16
ORING00645	28.70	24.76
ORING00650	30.29	26.35





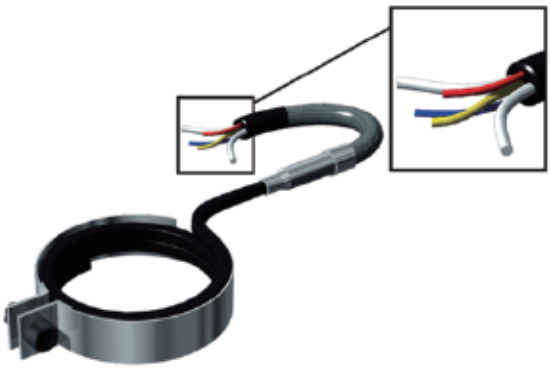


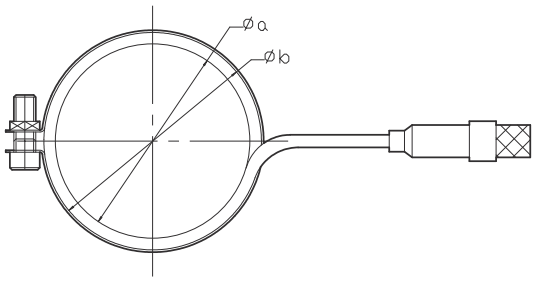
(mm)

Size	Part No.	M	L	NW
04	A3KG1413	M14x1.0	13	11
05	A3KG2016	M20x1.0	16	17
07	A3KG2416	M24x1.0	16	20

Torque for Manifold Nut

Part No.	Torque
A3KG1413	30
A3KG2016	90
A3KG2416	145



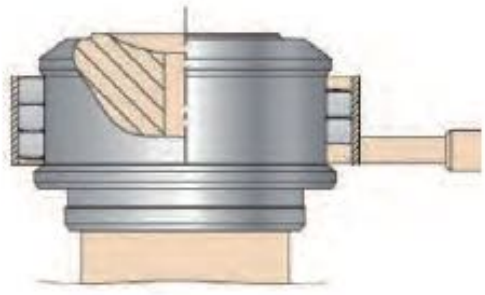


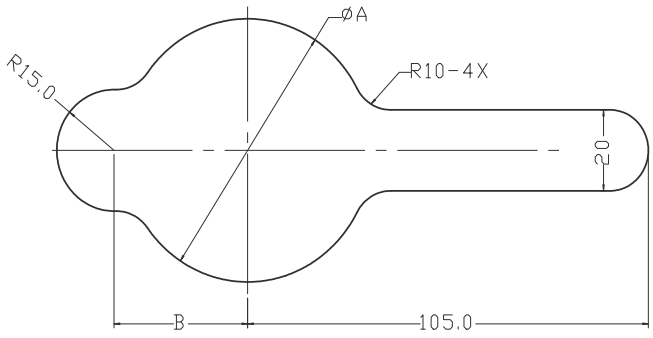
Power	White (2x)	Power
	Yellow/Green	Earth
Thermocouple	Blue	Minus [-]
	Red	Positive [+]

Size	Part No.	Dimension	a	b	Watts
A2-04	BH121150	21x10	21	27	150
A1-1	BH127150	33x10	27	33	150
A1-T-1	BH230200	36x10	30	36	200
A1-2	BH233200	39x10	33	39	200
A1-T-2	BH235250	41x10	35	41	250
A1-3/XL	BH347250	53x10	47	53	250
A1-4/XL	BH451300	57x10	51	57	300
MEGA	BO74015600	74x15	74	80	600

Single cavitiy application:
A heater feed bush is recommended for all polymers except PE PP and PS.

Important:
For best preformance always connect band heater to separate temperature controller zone



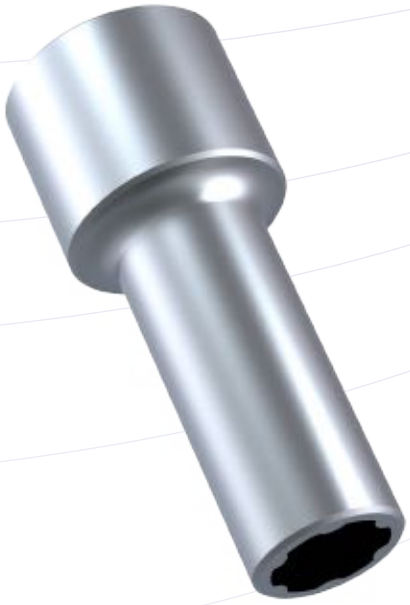


Band heater bore

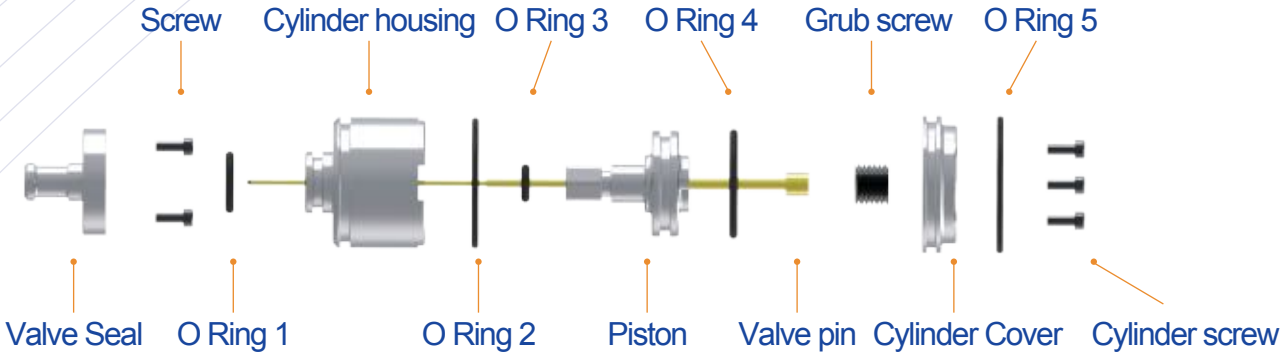
Assembly of band heater:
•Remove metal band.
•Assembly coilheater onto nozzle head.
•Assembly an fix metal band outside the heater.

Size	Part No.	A	B
A2-04	BH121150	34	15
A1-1	BH127150	40	30
A1-T-1	BH230200	43	32
A1-2	BH233200	45	32
A1-T-2	BH235250	48	34
A1-3/XL	BH347250	62	40
A1-4/XL	BH451300	65	40
MEGA	BO74015600	90	60

Fixture For Tip/Front

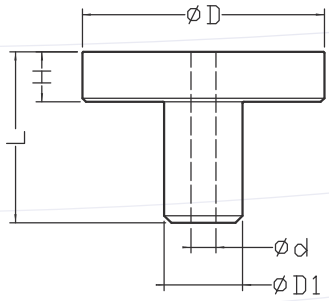


Size	Part No.
A1-1	A11FXTN0907
A1-2	A12FXTN1210
A1-3	A13FXTN1513
A1-4	A14FXTN2220
A2MT-04	A2MTFX1114
	A2MTFX1113
	A2MTFXXS84020
A3-04	A304FXFR0813
A2MT-05/A3-05	A305FXFR0813
A3-07	A307FXFR1915
A3-10	A310FXFR3122
A3-17	A317FXFR3727



CONTENTS

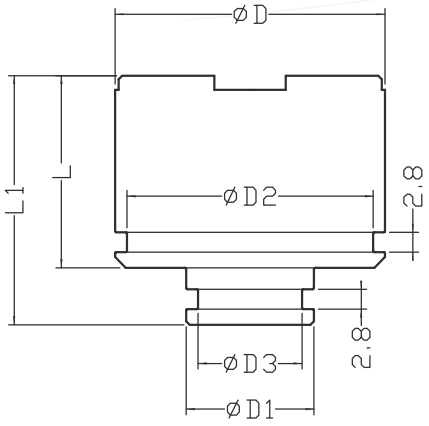
Valve Seal



(mm)

Part No.	D	D1	d	H	L
CPVS063124	31	11	3.5	7	17
CPVS093424	34	11	3.5	7	17
CPVS143624	36	13	6	7	17

Cylinder Housing

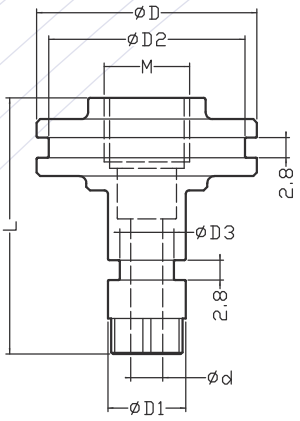


(mm)

Part No.	D	D1	D2	D3	L	L1
CPCY063835	37.95	17.96	34.6	14.6	27	35
CPCY095235	51.95	17.96	48.6	14.6	27	35
CPCY146135	60.95	20.96	57.6	18.1	27	35

Dimension of the bore, please refer to the nozzle catalogue.

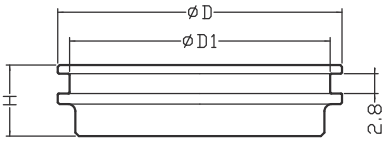
Piston



(mm)

Part No.	D	D1	D2	D3	d	M	L
CPCY063835	30.95	10.95	27.6	7.6	4.5	M12x1.5	36
CPCY095235	44.95	10.95	27.6	7.6	4.5	M12x1.5	36
CPCY146135	53.95	13.95	57.6	11.1	7	M12x1.5	36

Cylinder Cover

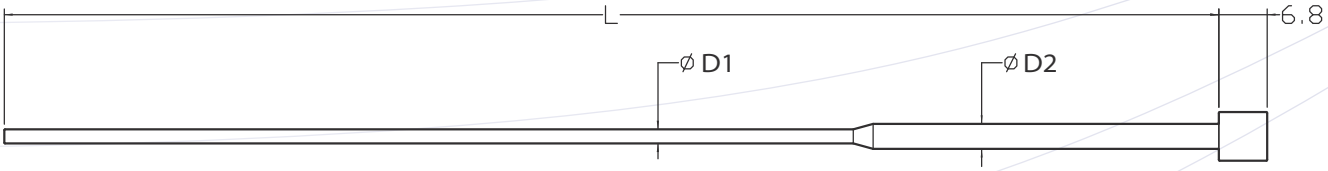


(mm)

Part No.	D1	D2	L
CPCT064010	39.95	36.6	10
CPCT095410	53.95	50.6	10
CPCT146310	62.95	59.6	10

Dimension of the bore, please refer to the nozzle catalogue.

Valve Pin



(mm)

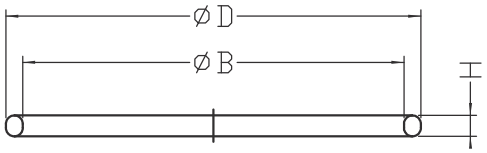
Part No.	D1	D2	L
PN0415230	1.5	3.5	230
PN0415230-G2	1.5	3.5	230
PN0620260	2	3.5	260
PN0620260-G2	2	3.5	260
PN0625260	2.5	3.5	260
PN0625260-G2	2.5	3.5	260
PN0625350	2.5	3.5	350
PN0625350-G2	2.5	3.5	350
PN0935280	3.5	3.5	280
PN0935280-G2	3.5	3.5	280
PN0935400	3.5	3.5	400
PN0935400-G2	3.5	3.5	400
PN0935620-M	3.5	3.5	620
PN1460305	6	6	305
PN1460623	6	6	623

G2 is non-stick coating.
High tech coatings prevent your valve gate pin to get stuck.

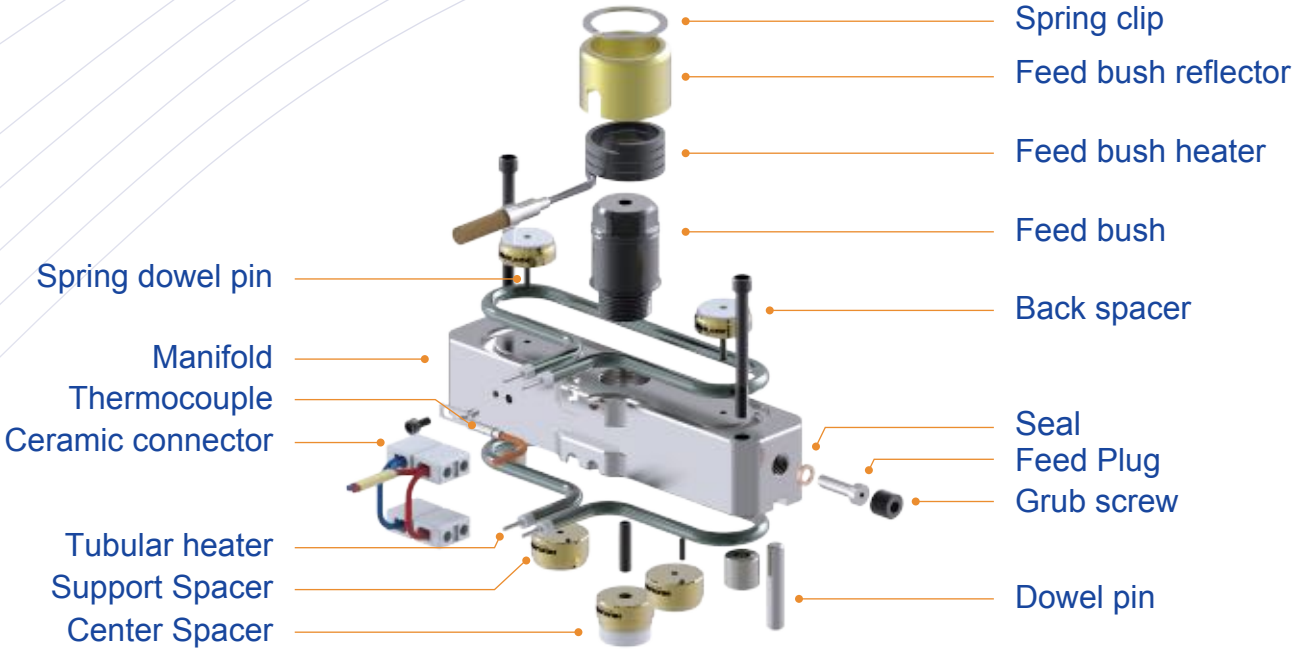
O-Ring

(mm)

Part No.	B	D	H
ORIN-00224	50	54	2
ORIN-00225	41	45	2
ORIN-00226	48	52	2
ORIN-00227	7	11	2
ORIN-00228	14	18	2
ORIN-00231	10	14	2
ORIN-00232	17	21	2
ORIN-00233	27	31	2
ORIN-00234	34	38	2
ORIN-00235	36	40	2
ORIN-00236	57	61	2
ORIN-00237	60	64	2



Manifold components

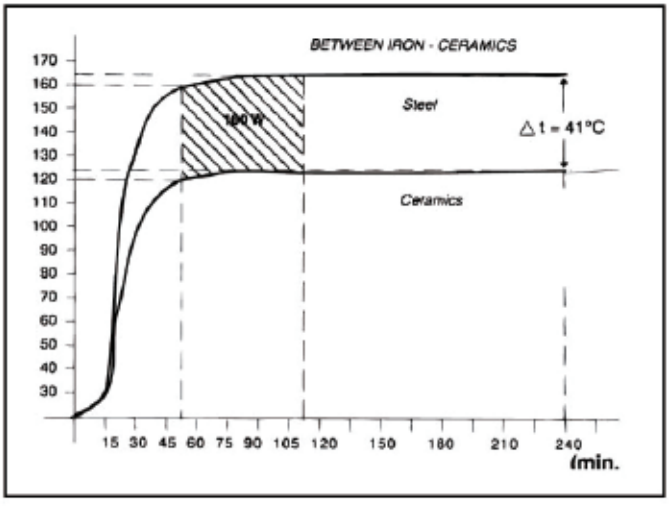


CONTENTS

Save Money–Ceramics

The diagram shows the different heat losses of the manifold to the mould of in one case supported by 4 iron spacers and in the other with 4 ceramic spacers of same dimensions . In our case the contact surface of the spacers was 450 mm2. The result shows a difference of 0,33Wh/mm2 between steel and ceramics. Ceramics save 0,33Wh for every mm2 of contact surface as respects to steel each working hour.

Example:
our ceramic spacers KEA02 (surface=490 mm2) save approx. 160 Wh when compared with steel.
Summerising:
• remarkable energy saving.
• less heat loss in mould means less work for your chiller.



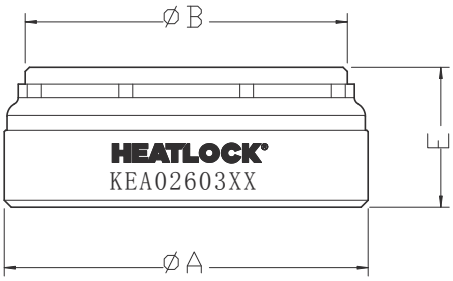
Micro Ceramic with tolerances within +5/-0µm

The new "Micro" series are all supplied with a build up tolerance within +5/-0µm. This makes them suitable for the high cavitation market where tight tolerances are needed in order to make the hot runner systems leak free. This new series also makes the ceramic insulator exchangeable in multi cavity moulds.

Heat transfer capacity is around 2-3 of a certain value where titanium is 14-15 and stainless steel is 22-24.

Since temperature is kept within the heated parts, the energy-losses from hot-runner to the mould are reduced. Tests done comparing the energy losses between steel spacers and ceramic spacers show an energy saving of 0,33 Wh/sqmm contact surface.

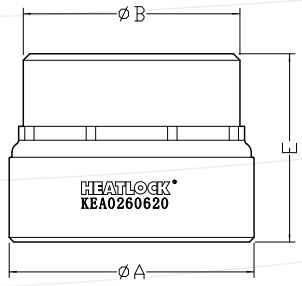
Back Spacer/Support Spacer



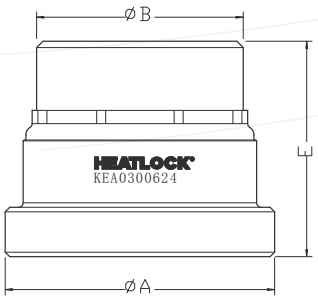
(mm)

Part No.	A	B	E	Description
KEA0260307	26	23	7	Back spacer for A1
KEA0260310			10	Back spacer for A3
KEA0260314			14	Support spacer

Center Spacer

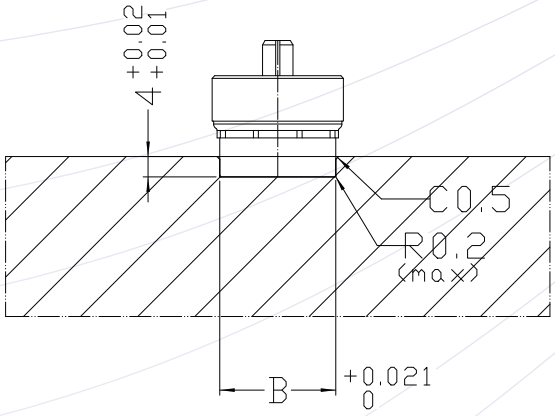


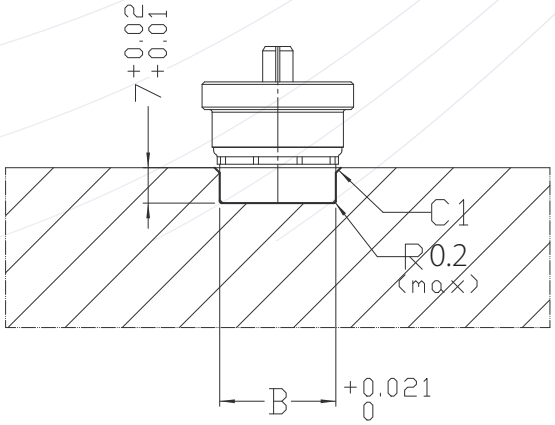
Part No.	A	B	E	Description
KEA0260620	26	23	20	Center spacer for A3



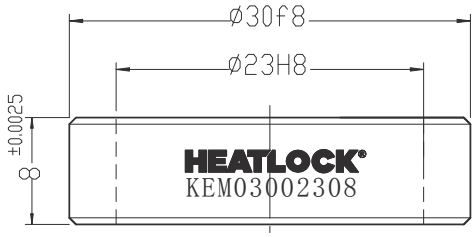
Part No.	A	B	E	Description
KEA0300624	30	23	24	Center spacer for A1

Center Spacer Bore



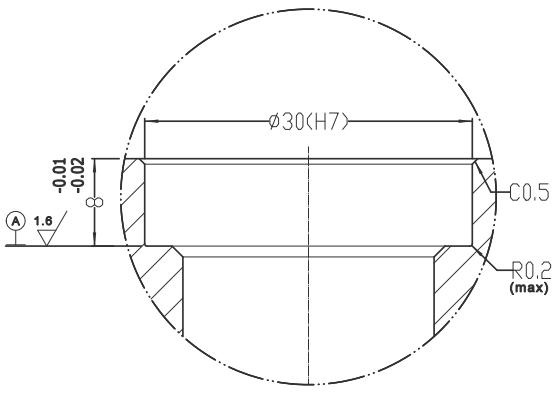


Ceramic ring



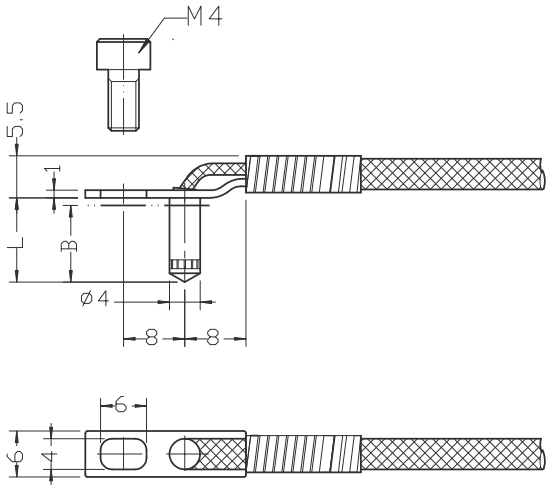
Size	Part No.
A1-1	KEM03002308
A2-05	

Ceramic ring bore

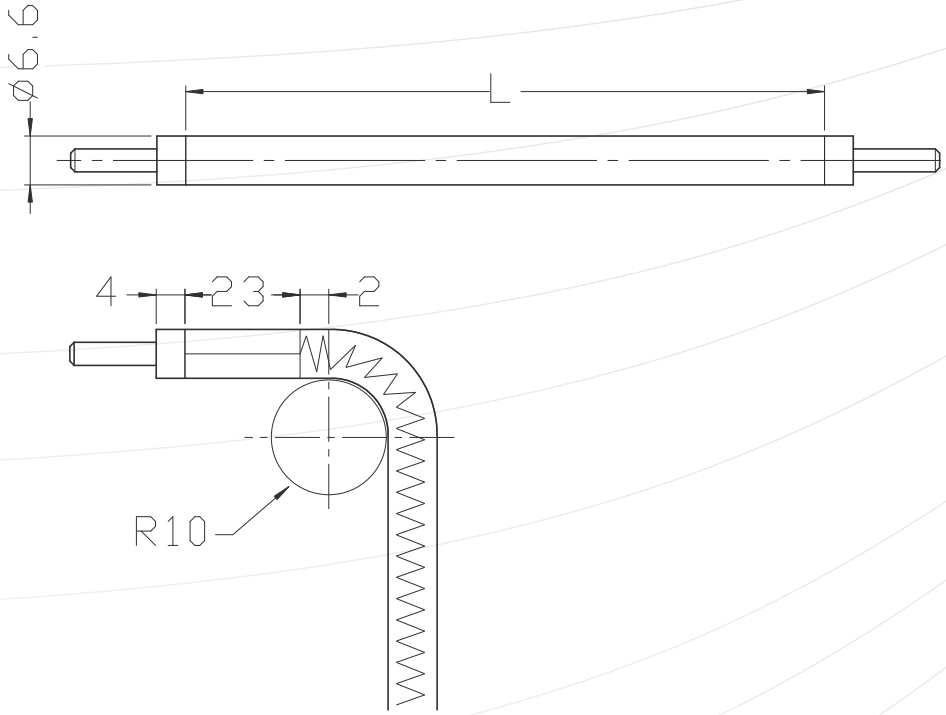


Thermocouples for accurate measuring of temperature in moulds for injection moulding . The thermocouples from HEATLOCK are J-Type of industrial standard and have grounded junctions. Lead wires are protected by a rugged stainless steel braided cover. Length of cables 900 mm.
Connect:
—Black (Red) to the positive pole (+)
—White (Blue)to the negative pole (–)

Used to measure temperatures on i.e. manifolds. Measures the temperature in the tip of the tube.(400°C)
Drill the bore for the thermocouple 1 mm shorter than the L–measurement to insure good contact at the measuring point ; B=L-1

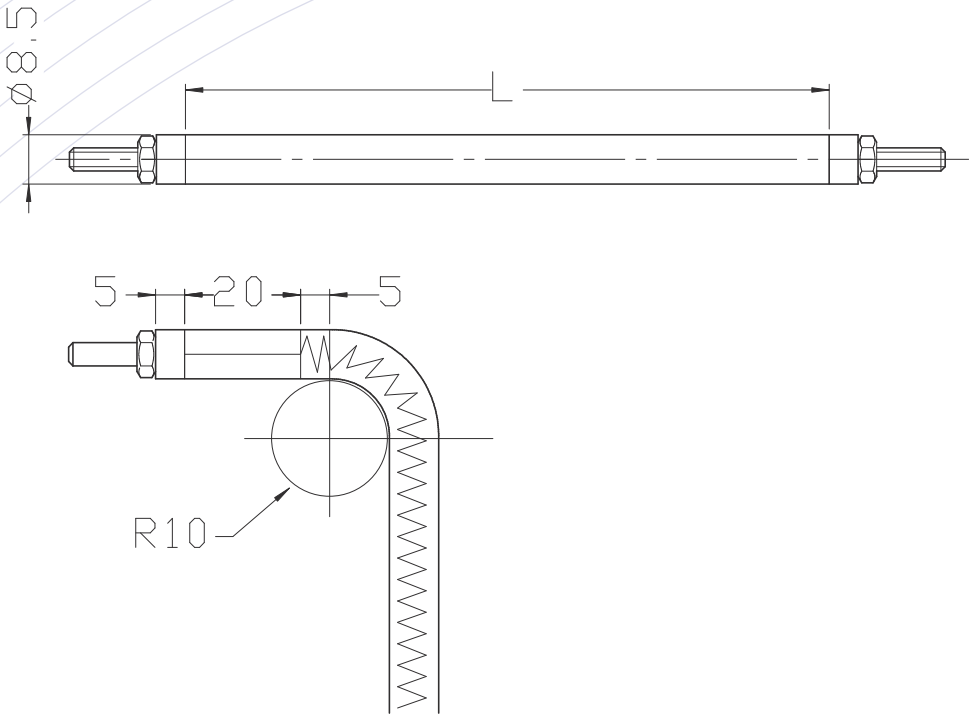


Part NO.	L
TC00040180	12



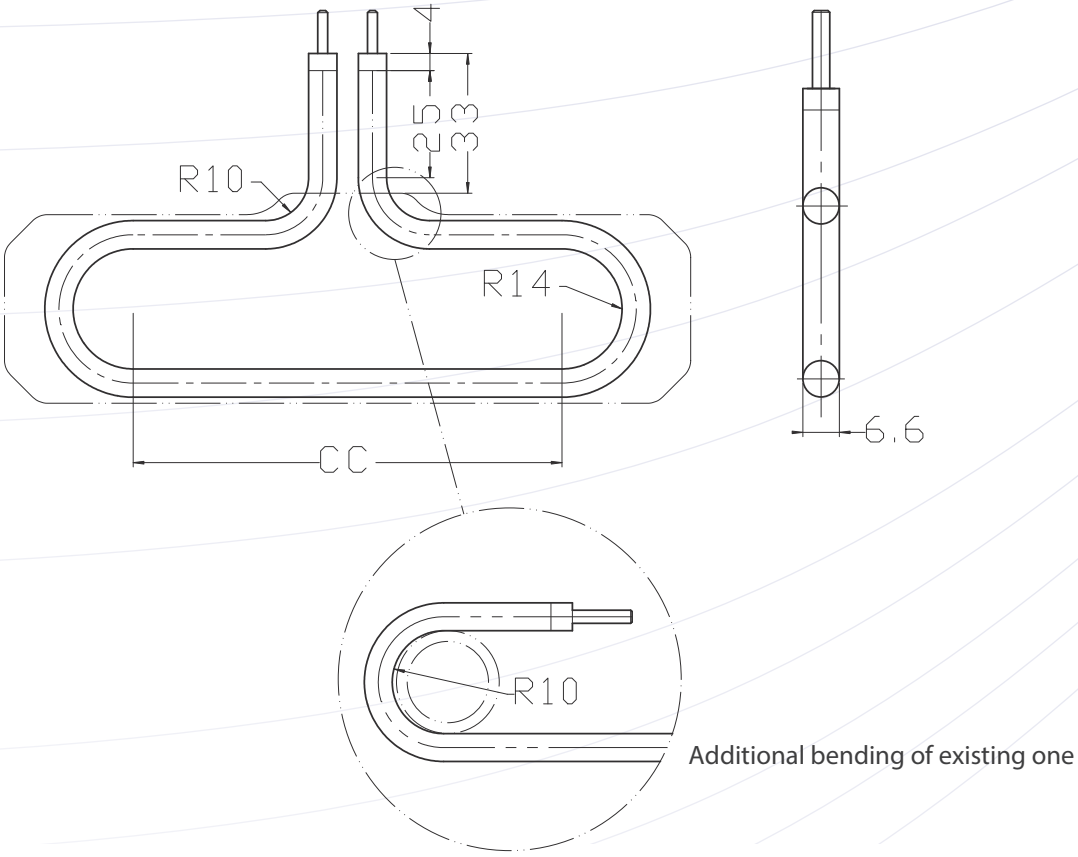
Bending Instruction: The tube cladding must not be damaged by impact from hammers or damaged by scars. Once a tubular heater has been bent, it must not be bent back on the same spot.

Part No.	L	Power	Part No.	L	Power
RH6602750300	275	300	RH6606920850	692	850
RH6603150350	315	350	RH6607010850	701	850
RH6603550400	355	400	RH6607150900	715	900
RH6603950450	395	450	RH6607210900	721	900
RH6604350500	435	500	RH6607330900	733	900
RH6604430500	443	500	RH6607400900	740	900
RH6604750550	475	550	RH6607710950	771	950
RH6605550650	555	650	RH6608081000	808	1000
RH6605600700	560	700	RH6608191050	819	1050
RH6605670700	567	700	RH6608841100	884	1100
RH6606040750	604	750	RH6608901150	890	1150
RH6606160750	616	750	RH6609581200	958	1200
RH6606350800	635	800	RH6609971250	997	1250
RH6606540800	654	800	RH6610701400	1070	1400
RH6606740850	674	850	RH6611501500	1150	1500



Bending Instruction: The tube cladding must not be damaged by impact from hammers or damaged by scars. Once a tubular heater has been bent, it must not be bent back on the same spot.

Part No.	L	Power
RH8502960350	296	350
RH8503250400	325	400
RH8503650450	365	450
RH8504050500	405	500
RH8504450550	445	550
RH8504550550	455	550
RH8504850600	485	600
RH8505670700	567	700
RH8506470850	647	850
RH8506810900	681	900
RH8507270950	727	950
RH8507721000	772	1000
RH8508301100	830	1100
RH8508861200	886	1200
RH8509451250	945	1250
RH8510051300	1005	1300
RH8510801450	1080	1450
RH8511601550	1160	1550
RH8512281650	1228	1650

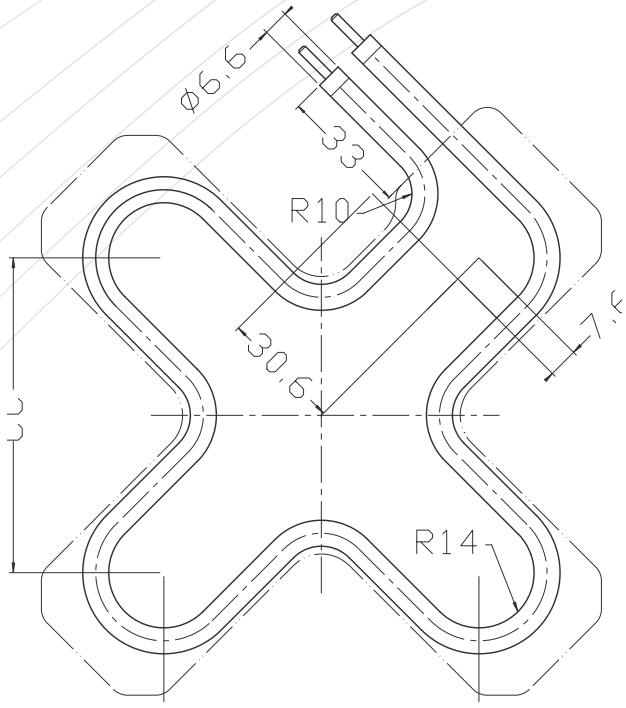


Additional bending of existing one

If you need to bend the heater 180°, make sure to use a pipe as support of minimum radius 10 mm. This will prevent the heater to be damaged.

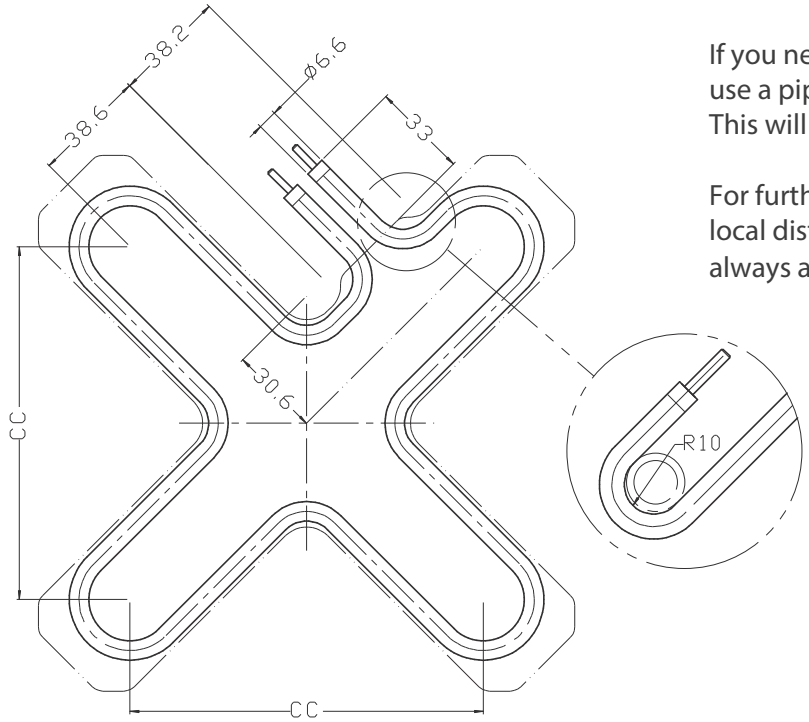
For further information, get in contact with your local distributor of Heatlock. Latest information always available at **www.heatlock.com**.

Part No.	CC	L	Power
MHI0600300	60	275	300
MHI0800350	80	315	350
MHI1000400	100	355	400
MHI1200450	120	395	450
MHI1400500	140	435	500
MHI1600550	160	475	550
MHI2000650	200	555	650
MHI2400800	240	635	800
MHI2800900	280	715	900



CC≤100mm

Part No.	CC	L	Power
MHX0600500	60	443	500
MHX0800700	80	560	700
MHX1000850	100	674	850
MHX1200950	120	771	950
MHX1401100	140	884	1100
MHX1601250	160	997	1250
MHX2001600	200	1224	1600
MHX2400900	240	733	900

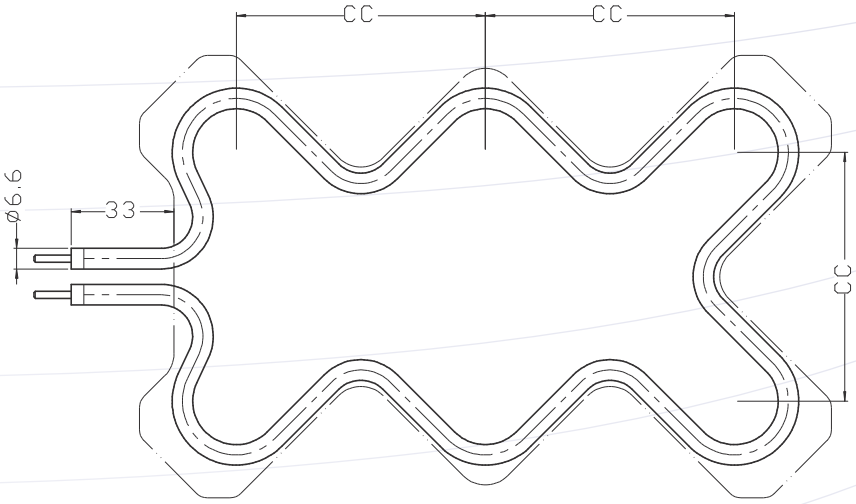


CC≤240mm

If you need to bend the heater 180°, make sure to use a pipe as support of minimum radius 10 mm. This will prevent the heater to be damaged.

For further information, get in contact with your local distributor of Heatlock. Latest information always available at **www.heatlock.com**.

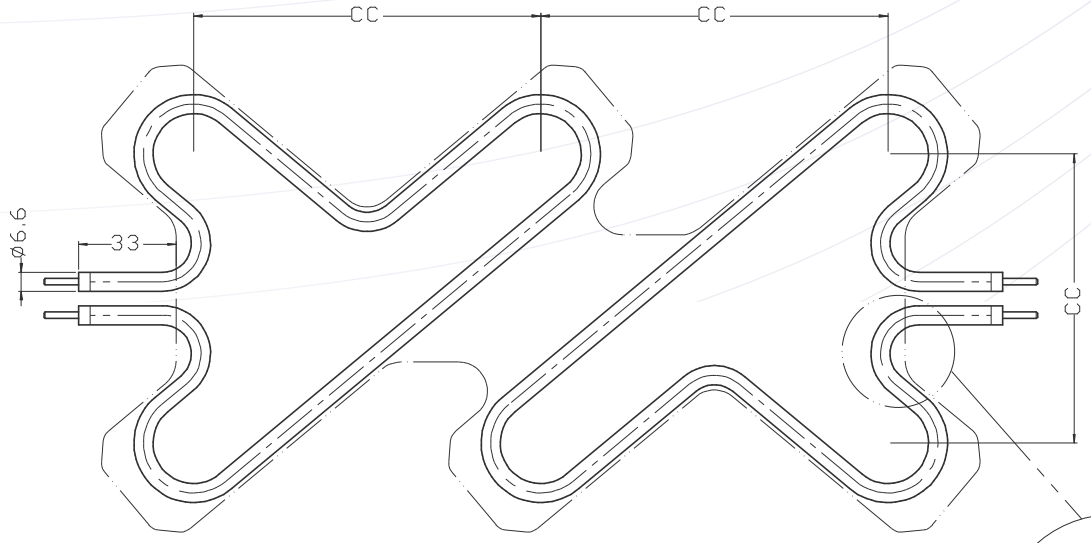
Additional bending of existing one



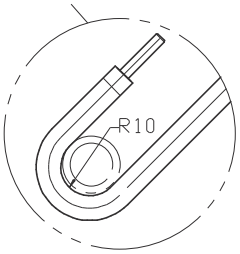
If you need to bend the heater 180°, make sure to use a pipe as support of minimum radius 10 mm. This will prevent the heater to be damaged.

For further information, get in contact with your local distributor of Heatlock. Latest information always available at **www.heatlock.com**.

CCY/X≤100/120mm

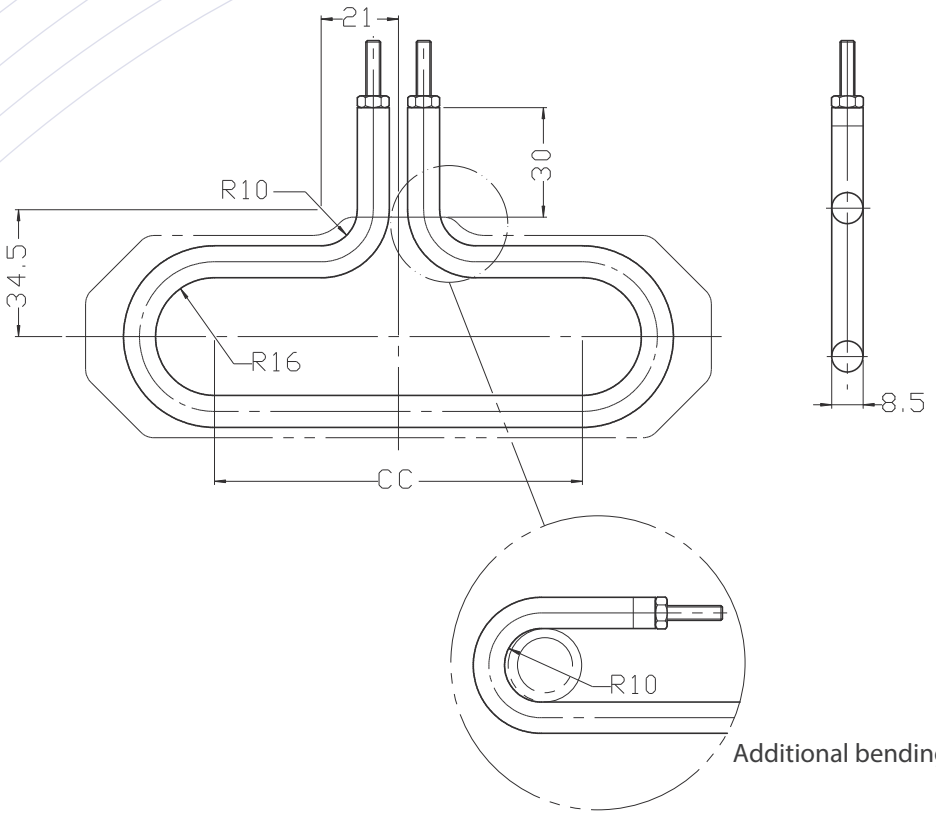


CCY/X≤140/200mm



Additional bending of existing one

Part No.	CC	L	Power
MHY0800800900	80/80	721	900
MHY0801001000	80/100	808	1000
MHY0801201150	80/120	890	1150
MHY100/1001200	100/100	958	1200
MHY1001200700	100/120	567	700
MHY1001400750	100/140	604	750
MHY1201200750	120/120	616	750
MHY1201400800	120/140	654	800
MHY1201600850	120/160	692	850
MHY1402001050	140/120	819	1050
MHY1401400850	140/140	701	850
MHY1401600900	140/160	740	900

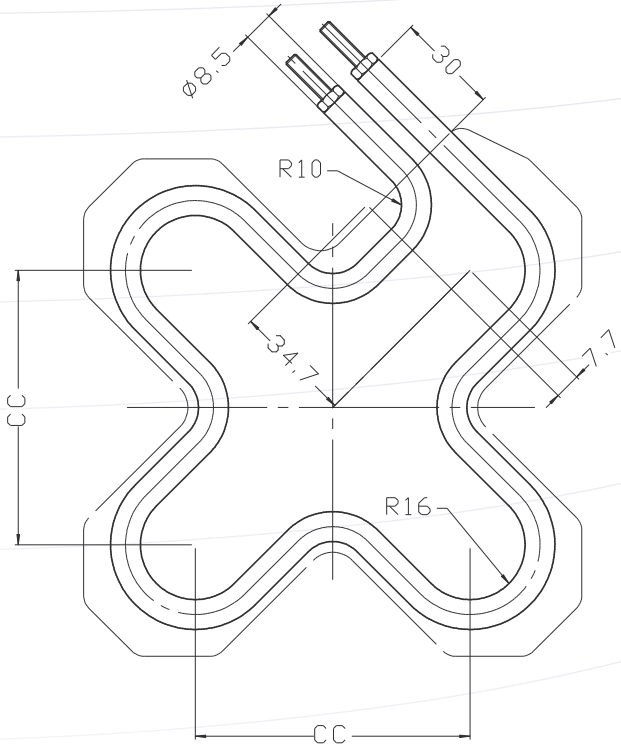


Additional bending of existing one

If you need to bend the heater 180°, make sure to use a pipe as support of minimum radius 10 mm. This will prevent the heater to be damaged.

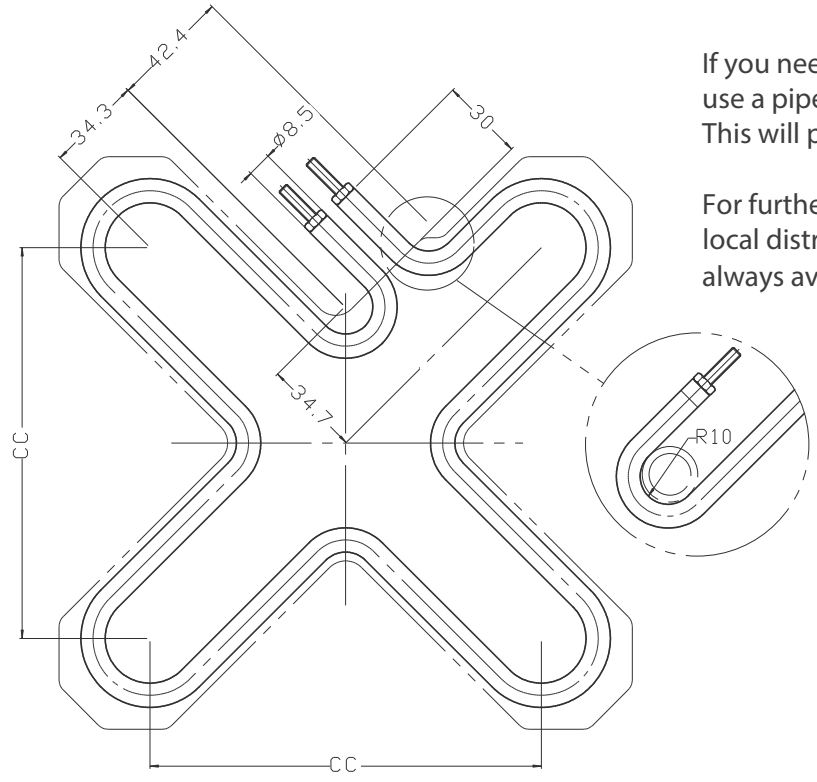
For further information, get in contact with your local distributor of Heatlock. Latest information always available at **www.heatlock.com**.

Part No.	CC	L	Power
MHI0600350	60	296	350
MHI0800400	80	325	400
MHI1000450	100	365	450
MHI1200500	120	405	500
MHI1400550	140	445	550
MHI1600600	160	485	600
MHI2000700	200	567	700
MHI2400850	240	647	850
MHI2800950	280	727	950



CC≤100mm

Part No.	CC	L	Power
MHX0600550	60	455	550
MHX0800700	80	567	700
MHX1000900	100	681	900
MHX1201000	120	772	1000
MHX1401200	140	886	1200
MHX1601350	160	1005	1350
MHX2001650	200	1228	1650
MHX2401000	240	772	1000



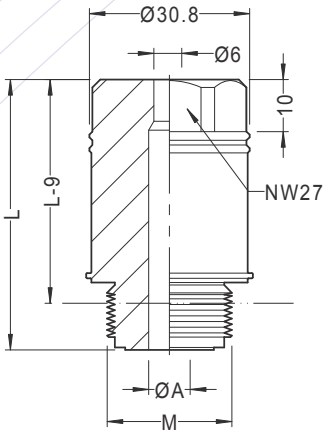
CC≤240mm

If you need to bend the heater 180°, make sure to use a pipe as support of minimum radius 10 mm. This will prevent the heater to be damaged.

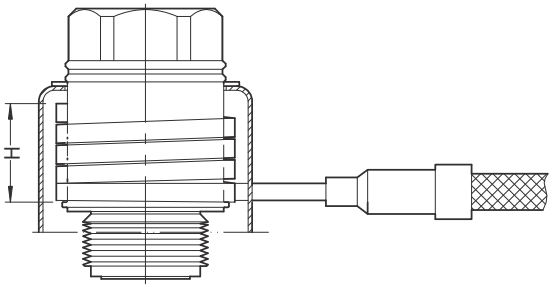
For further information, get in contact with your local distributor of Heatlock. Latest information always available at **www.heatlock.com**.

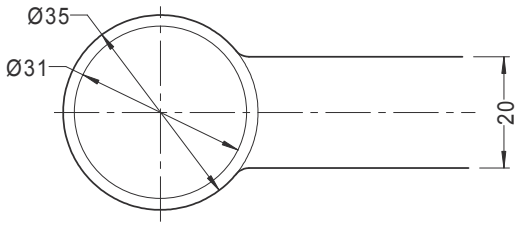
Additional bending of existing one

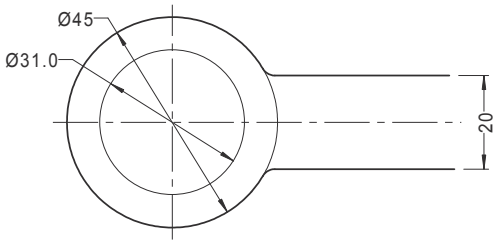
Feed bush



Feed bush with band herater





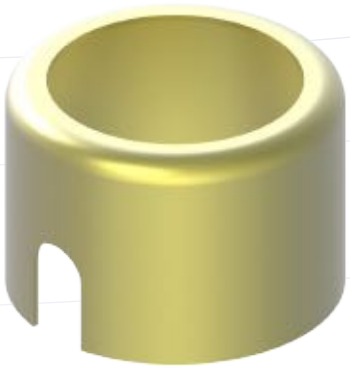


Part No.	M	L	A	H	Heater	W	Reflector	Clip ring
DSP5202408	24X1.5	52	8	20	BS230020250	250	RFT438200-21	CUSH-00296
DSP5202410			10					
DSP5203008	30X1.5	52	8	20	BS230020250	250	RFT438200-21	CUSH-00296
DSP5203010			10					
DSP7002408	24X1.5	70	8	36	BS230036400	400	RFT438200-41	CUSH-00296
DSP7002410			10					
DSP7003008	30X1.5	70	8	36	BS230036400	400	RFT438200-41	CUSH-00296
DSP7003010			10					

Please note:

- For resins with high melt temperature than 250℃ use a rear band heater for maximum temperature control
- NOTE : control band heater with a separate temperature controller

Feed bush Reflector

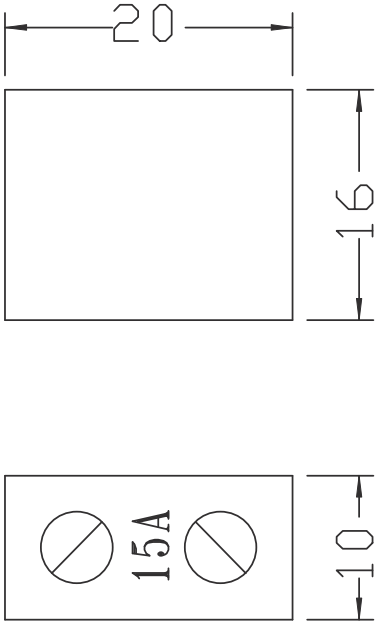


Feed bush item	Part No.
DSP5202408	RFT438200-21
DSP5202410	
DSP5203008	
DSP5203010	
DSP7003008	RFT438200-41
DSP7003010	

Spring clip of feed bush

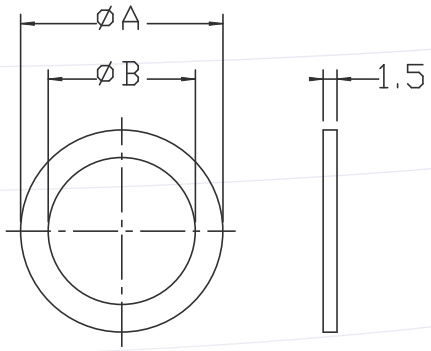
(mm)

Part No.	ID	H
F-S-CUSH-00296	29.6	1.5



Part No.	Ampere
MHCONN001	15

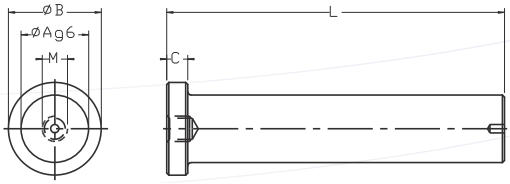
Seal-MS



Notice:
Those parts are included in all complete manifolds.

Part NO.	A	B
MS06	10	6
MS08	14	8
MS10	18	10
MS12	22	12
MS14	22	14
MS16	22	16
MS18	22	18

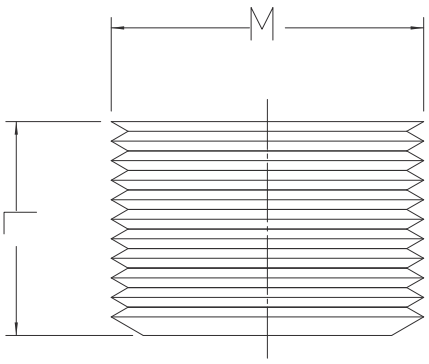
Plug-MP



Notice:
Those parts are included in all complete manifolds.

Part NO.	A	B	C	M	L
MP06050/80	6	10	3	M3	50/80
MP08050/80	8	14	3	M4	50/80
MP08050-10	8	10	3	M4	50
MP10050/80	10	17	3	M5	50/80
MP12050/80	12	22	5	M6	50/80
MP14050/80	14	22	5	M6	50/80
MP16050/80	16	22	5	M6	50/80
MP18050/80	18	22	5	M6	50/80

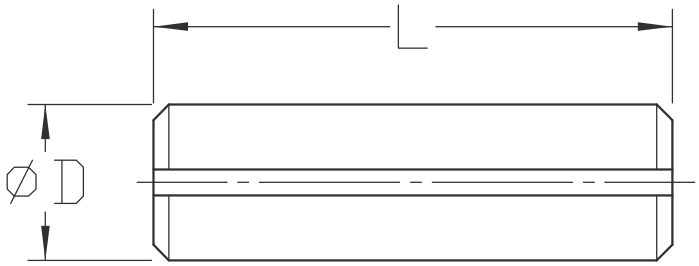
Grub screw



Part NO.	M	L
MGS1015-08	M10x1.5	8
GS1215-10	M12x1.5	10
MGS1215-10	M12x1.5	10
MGS1615-14	M16x1.5	14
MGS2015-18	M20x1.5	18
MGS2415-24	M24x1.5	24

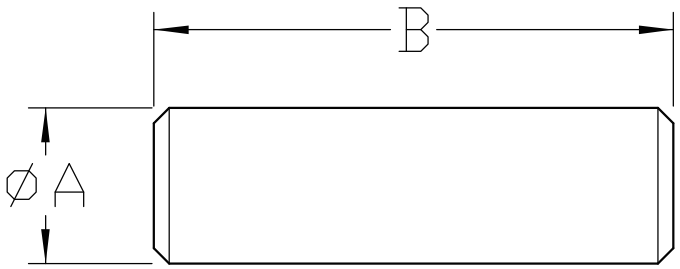
Spring Dowel Pin

Those parts are used in KEA components.



Part NO.	D	L
SPP03010	3	10
SPP06016	6	16

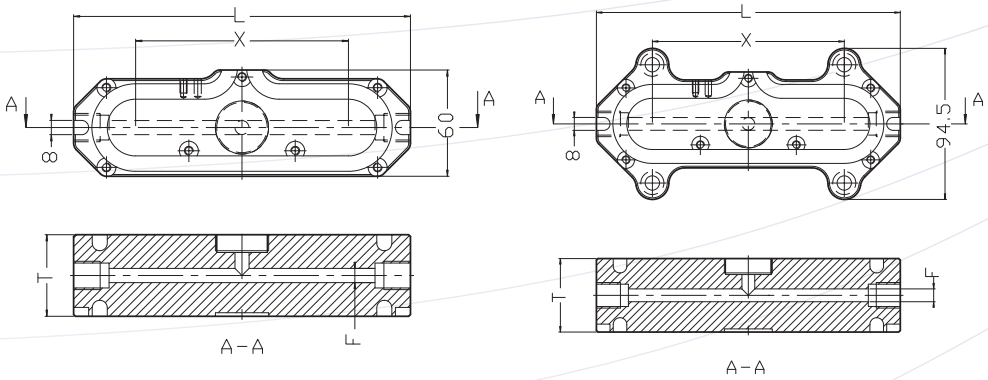
Dowel Pin



Notice:
Those parts are included in all complete manifolds.

Part NO.	A	B
DW04X16	4	16
DW08X30	8	30
DW08X40	8	40

I-type

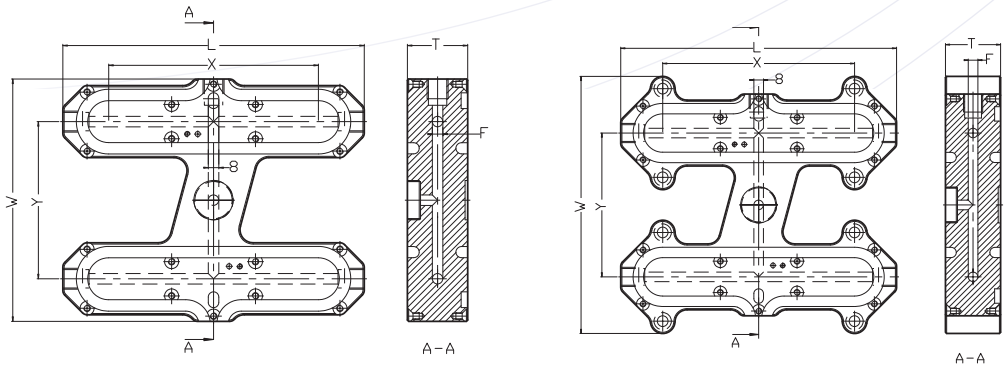


Material :420H

(mm)

Part No.	T	F (ø)	L=130 X	L=150 X	L=170 X	L=190 X	L=210 X	L=230 X	L=250 X	L=270 X	L=290 X	L=310 X	L=330 X	L=350 X	L=370 X
MIO/3606	36	6	60	80	100	120	140	160		200		240		280	
MIO/4608	46	8	60	80	100	120	140	160		200		240		280	
MIO/4610	46	10	60	80	100	120	140	160		200		240		280	
MIO/5612	56	12			80	100	120	140	160		200		240		280
MIO/5614	56	14			80	100	120	140	160		200		240		280
MIO/5616	56	16			80	100	120	140	160		200		240		280

H-type

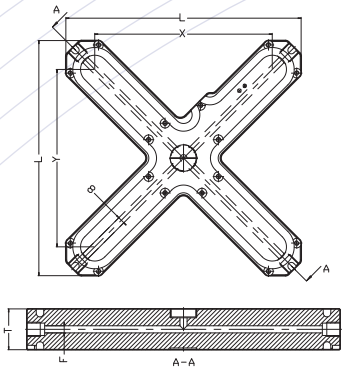


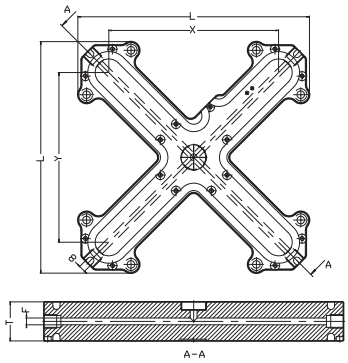
Material : 420H

(mm)

Part No.	T	F (ø)	Y	W	L=150 X	L=170 X	L=190 X	L=210 X	L=230 X	L=250 X	L=270 X	L=290 X	L=310 X	L=330 X	L=350 X	L=370 X
MHO/XXXX	36/46	6/8/10	80	135	80	100	120	140	160		200		240		280	
			100	155		100	120	140	160		200		240		280	
			120	175			120	140	160		200		240		280	
			140	195				140	160		200		240		280	
	56	12/14/16	80	135		80	100	120	140	160		200		240		280
			100	1			100	120	140	160		200		240		280
			120	17				120	140	160		200		240		280
			140	195					140	160		200		240		280

X-type

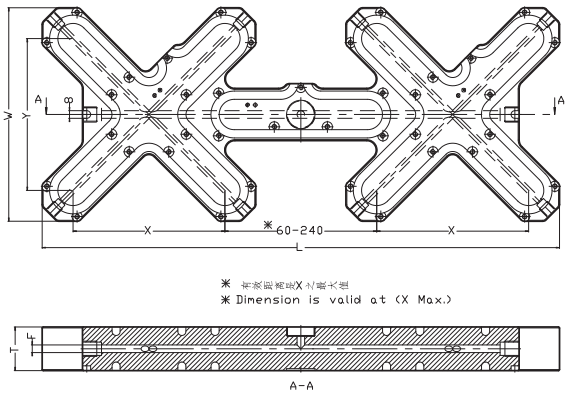


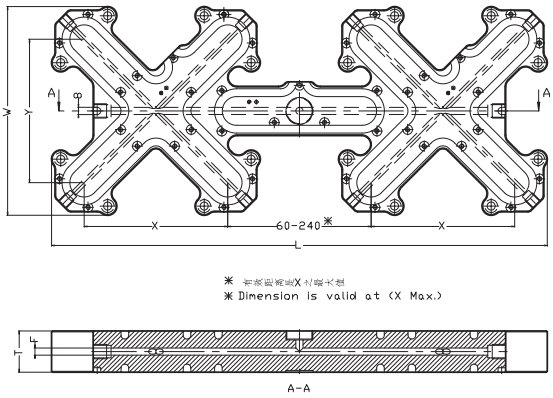


Material : 420H (mm)

Part No.	T	F (ø)	L=125 X/Y	L=145 X/Y	L=165 X/Y	L=185 X/Y	L=205 X/Y	L=225 X/Y	L=245 X/Y	L=265 X/Y	L=285 X/Y	L=305 X/Y	L=325 X/Y
MXO/3606	36	6	60	80	100	120	140	160		200		240	
MXO/4608	46	8	60	80	100	120	140	160		200		240	
MXO/4610	46	10	60	80	100	120	140	160		200		240	
MXO/5612	56	12					120	140	160		200		240
MXO/5614	56	14					120	140	160		200		240
MXO/5616	56	16					120	140	160		200		240

X-X-type





Material 420H (mm)

Part No.	T	F (ø)	L=260 W=125 X/Y	L=306 W=145 X/Y	L=365 W=165 X/Y	L=425 W=185 X/Y	L=445 W=205 X/Y	L=485 W=213 X/Y	L=505 W=225 X/Y	L=553 W=233 X/Y	L=565 W=245 X/Y	L=673 W=273 X/Y	L=685 W=285 X/Y	L=793 W=313 X/Y	L=805 W=325 X/Y
MXX/3606	36	6	60	80	100	120		140		160		200		240	
MXX/4608	46	8	60	80	100	120		140		160		200		240	
MXX/4610	46	10	60	80	100	120		140		160		200		240	
MXX/5612	56	12					120		140		160		200		240
MXX/5614	56	14					120		140		160		200		240
MXX/5616	56	16					120		140		160		200		240

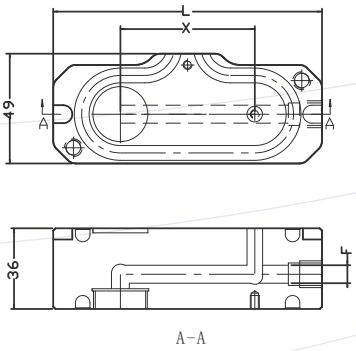
Order example:

M---XX---XXX---XXX---XX---XX---B

(Series) (X) (Y) (T) (F)

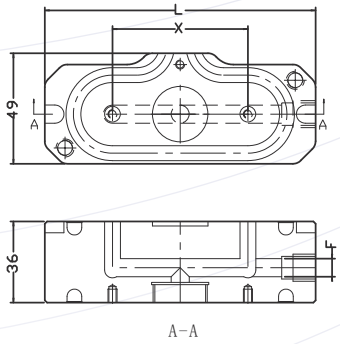
M X0 120 120 56 12 B

Offset type



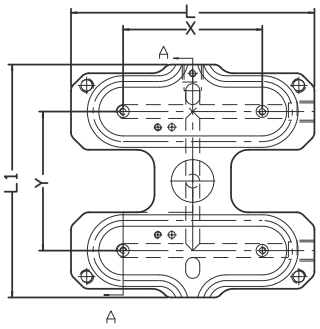
Part No.	F(Ø)	L=120 X	L=140 X	L=160 X	L=180 X	L=200 X	L=220 X
SMO/3606	6	60	80	100	120	140	160
SMO/3608	8						

I type



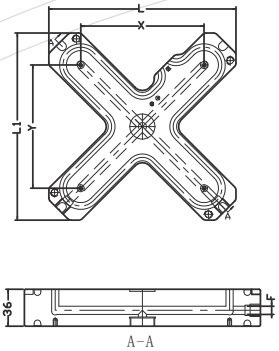
Part No.	F(Ø)	L=120 X	L=140 X	L=160 X	L=180 X	L=200 X	L=220 X
SMI/3606	6	60	80	100	120	140	160
SMI/3608	8						

H type



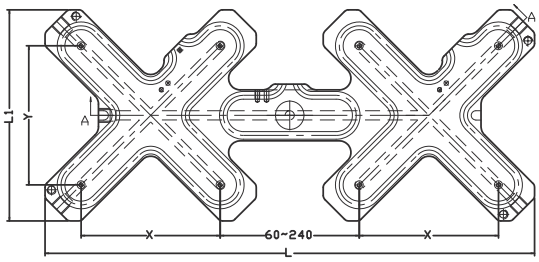
Part No.	F(Ø)	Y	L=140 X	L=160 X	L=180 X	L=200 X	L=220 X	L=260 X	L=300 X	L=340 X	L1
SMH/3606	6	80	80	100	120	140	160	200	240	280	134
SMH/3608	8										
SMH/3606	6	100		100	120	140	160	200	240	280	154
SMH/3608	8										
SMH/3606	6	120			120	140	160	200	240	280	174
SMH/3608	8										
SMH/3606	6	140				140	160	200	240	280	194
SMH/3608	8										

X type



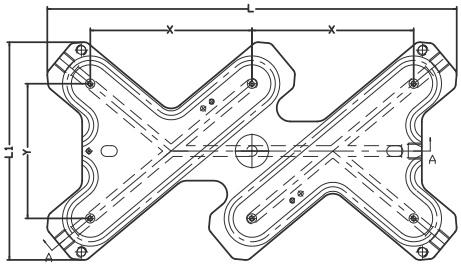
Part No.	F(Ø)	L=129 X/Y	L=149 X/Y	L=169 X/Y	L=182 X/Y	L=202 X/Y	L=222 X/Y	L=262 X/Y	L=302 X/Y
SMX/3606	6	60	80	100	120	140	160	200	240
SMX/3608	8								

X-X type



Part No.	F(Ø)	L=242 L1=129 X/Y	L=302 L1=149 X/Y	L=362 L1=169 X/Y	L=422 L1=182 X/Y	L=482 L1=202 X/Y	L=542 L1=222 X/Y	L=662 L1=262 X/Y	L=782 L1=302 X/Y
SMXX/3606	6	60	80	100	120	140	160	200	240
SMXX/3608	8								

Y-Y type



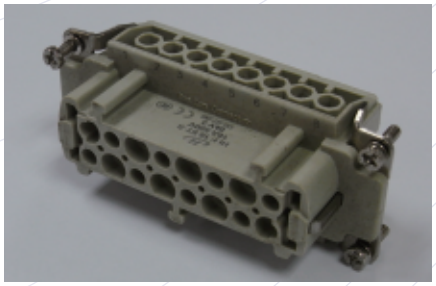
Part No.	F(Ø)	Y	L=222 X	L=264 X	L=305 X	L=344 X	L=384 X	L=465 X	L1
SMY/3606	6	80	80	100	120				142
SMY/3608	8								
SMY/3606	6	100		100	120	140			162
SMY/3608	8								
SMY/3606	6	120			120	140	160		182
SMY/3608	8								
SMY/3606	6	140				140	160	200	202
SMY/3608	8								

Male insert

Part No.	Description
MASKINHA05	5 pin male insert
MASKINHA06	6 pin male insert
MASKINHA10	10 pin male insert
MASKINHA16	16 pin male insert
MASKINHA24	24 pin male insert

Female insert

Part No.	Description
MASKINHO05	5 pin female insert
MASKINHO06	6 pin female insert
MASKINHO10	10 pin female insert
MASKINHO16	16 pin female insert
MASKINHO24	24 pin female insert



Housing, A type

Part No.	Description	Lock Qty	Lid(Y/N)
MASKKAFL05	5 pin housing, open	1	N
MASKKAFL06	6 pin housing, open	1	N
MASKKAFL10	10 pin housing, open	2	N
MASKKAFL16	16 pin housing, open	2	N
MASKKAFL24	24 pin housing, open	2	N

B type (Default standard)

Part No.	Description	Lock Qty	Lid(Y/N)
MASKKAFL05C	5 pin housing, open, lid	1	Y
MASKKAFL06C	6 pin housing, open, lid	1	Y
MASKKAFL10C	10 pin housing, open, lid	1	Y
MASKKAFL16C	16 pin housing, open, lid	1	Y
MASKKAFL24C	24 pin housing, open, lid	1	Y

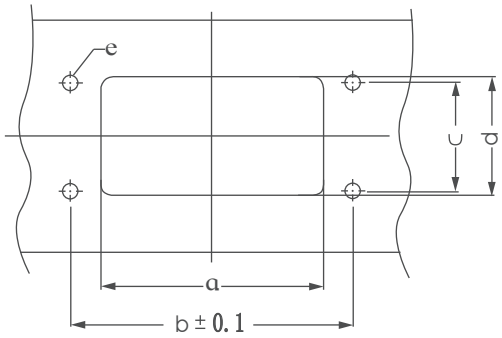
Hood loom, top exit A type

Part No.	Description
MASKKAKT10	Hood loom, top exit, 10 pin
MASKKAKT16	Hood loom, top exit, 16 pin
MASKKAKT24	Hood loom, top exit, 24 pin

B type (Default standard)

Part No.	Description
MASKKAKT05	Hood loom, top exit, 5 pin
MASKKAKT06	Hood loom, top exit, 6 pin
MASKKAKT10C	Hood loom, top exit, lid, 10 pin
MASKKAKT16C	Hood loom, top exit, lid, 16 pin
MASKKAKT24C	Hood loom, top exit, lid, 24 pin

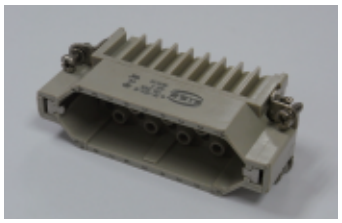
bore	a	b	c	d	e
5 pin	22	30	-	22	M3
6 pin	48	70	32	35	M4
10 pin	60	83	32	35	M4
16 pin	82	103	32	35	M4
24 pin	108	130	32	35	M4
US std.	73	86	17.5	24	M3



US Std. Connector

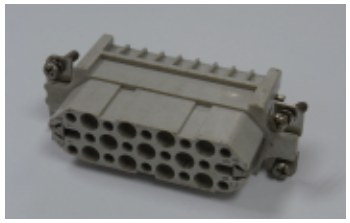
Male insert

Part No.	Description
CONNT-10PIN/M	US Std.Connector 10 Pin, male
CONNT-16PIN/M	US Std.Connector 16 Pin, male
CONNT-24PIN/M	US Std.Connector 24 Pin, male



Female insert

Part No.	Description
CONNT-10PIN/F	US Std.Connector 10 Pin, female
CONNT-16PIN/F	US Std.Connector 16 Pin, female
CONNT-24PIN/F	US Std.Connector 24 Pin, female



Housing, mould base A type

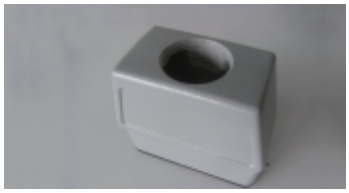
Part No.	Description
HLE25BH	HEATLOCK US Std. Housing, open

Housing, mould base B type

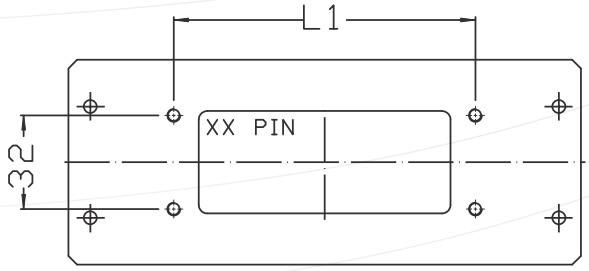
Part No.	Description
HLE25BHG	HEATLOCK US Std. Housing, open, lid

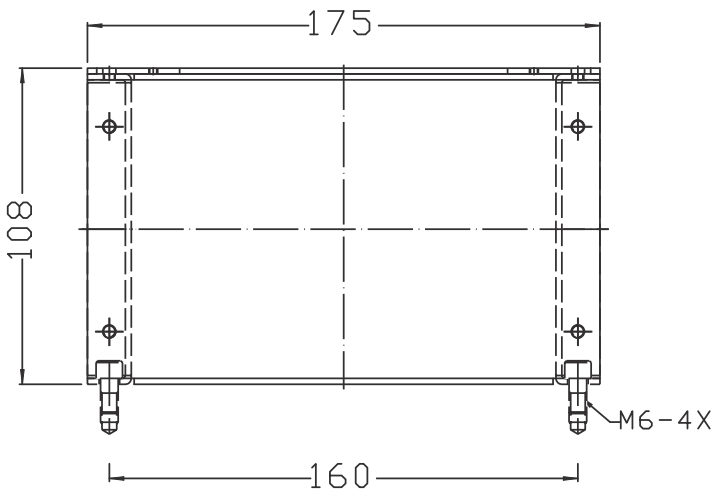
Hood loom, top exit

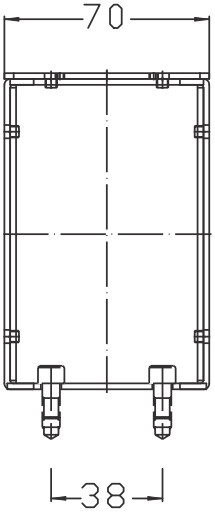
Part No.	Description
HLE25TEPG21	HEATLOCK US Std. Hood, top exit

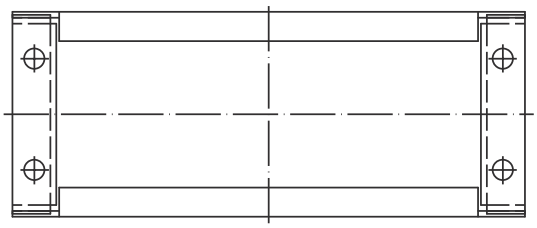


Part No.	L1
ACONNB-6PIN	70
ACONNB-10PIN	83
ACONNB-16PIN	103
ACONNB-24PIN	130



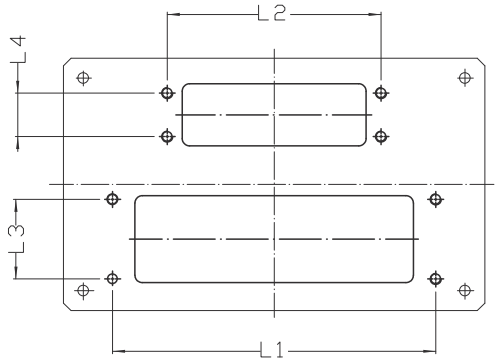


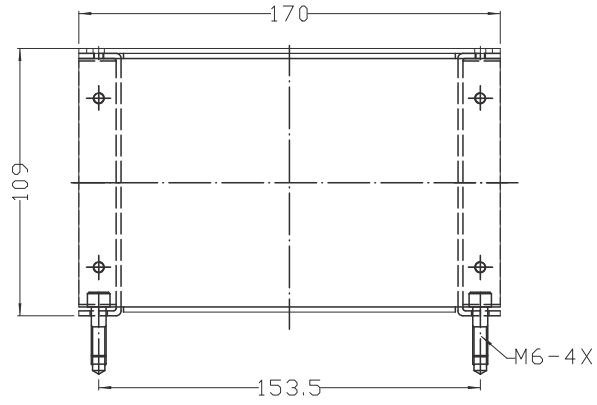


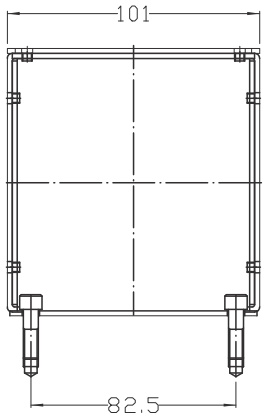


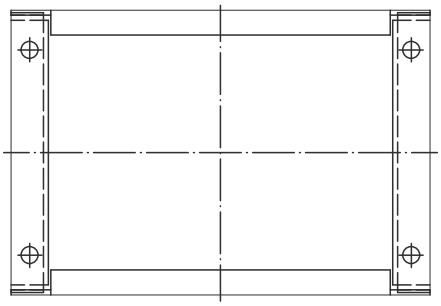
Connector Box

Part No.	L1	L2	L3	L4
ACONNBS-US-10PIN	83	85	32	17.5
ACONNBS-US-16PIN	103	85	32	17.5
ACONNBS-US-24PIN	130	85	32	17.5
ACONNBS-2X16PIN	103	103	32	32
ACONNBS-2X24PIN	130	130	32	32



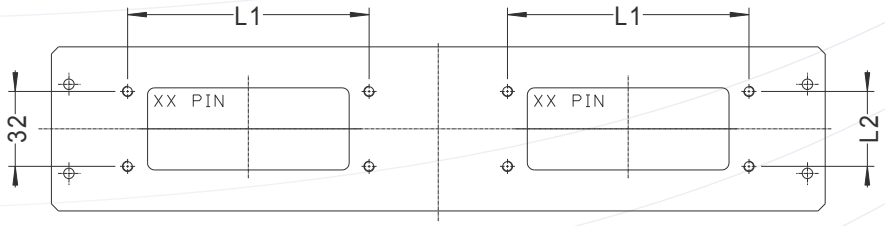


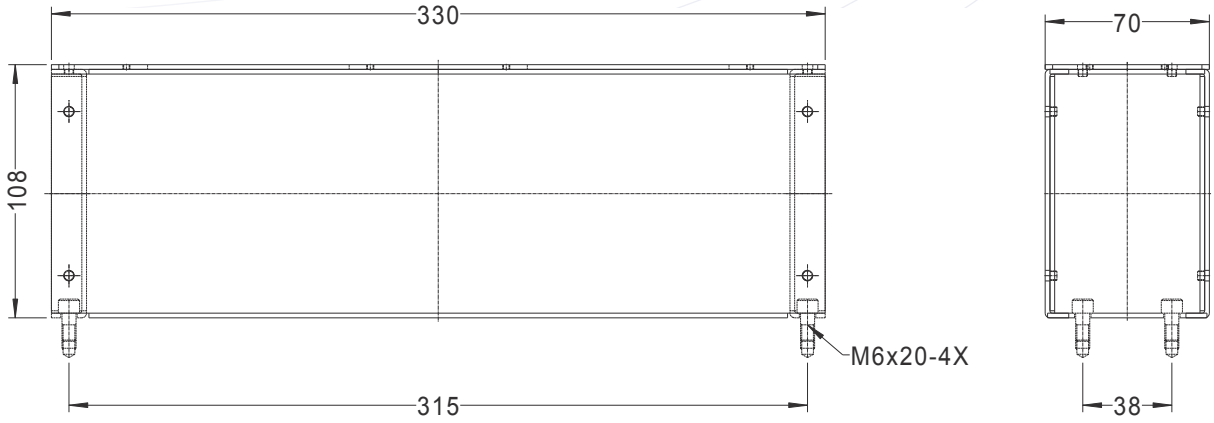


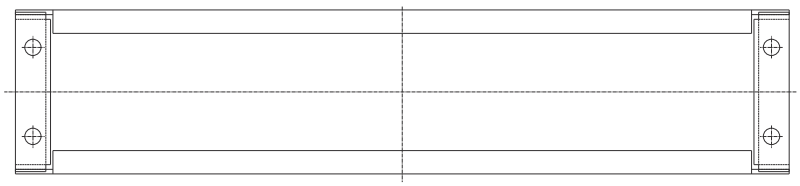


Connector Box

Part No.	L1	L2	L3	L4
ACONNB-US-10PIN	83	85	32	17.5
ACONNB-US-16PIN	103	85	32	17.5
ACONNB-US-24PIN	130	85	32	17.5
ACONNB-2X10PIN	83	83	32	32
ACONNB-2X16PIN	103	103	32	32
ACONNB-2X24PIN	130	130	32	32
ACONNB-16-24PIN	103	130	32	32







HLDC-15A Controller

HLDC-3/15	3 zones	15A	include wire and wire connector.
HLDC-6/15	6 zones	15A	include wire and wire connector.
HLDC-10/15	10 zones	15A	include wire and wire connector.
HLDC-12/15	12 zones	15A	include wire and wire connector.

Features:

1. PID control unit, self tuning for accurate temperature control.
2. Automatic soft-start function for circuit protection to prevent heater short cut during start up.
3. Works in either automatic mode or manual % setting power output.
4. Works with J or K type thermocouple, built in alarm functions for open circuit/reversed t/c.
5. Can work with Celsius or Fahrenheit temperature scales.
6. Temperature control accuracy ±1°C.
7. Max load 15A/3600W at 240Vac .
8. Power supply less than 3 zone 220V 50Hz, more than 3 zones 3 phase 380V 50Hz with built in phase switch protection circuit.
9. Exchangeable modular design according plastic industry standard, exchangeable PCB's.

Filte Nozzle

A filter nozzle helps by removing metal shavings and impurities in the plastic material. In this way you avoid blockages in your hot runner system which could force a production stop for cleaning.

Moreover the plastic material is mixed better before it it injected into the form, which helps you to keep an even and high quality in the production.

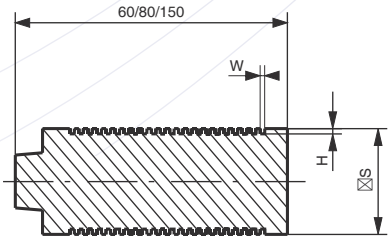
By using the filter nozzle you will save both time and money.

- M1 has a toothed surface on the filter which gives it very good mixing properties.
- M2 is the simplest to clean since it has a smooth surface on the filter.
- M3, which is provided with a needle point, is capable of limiting the build up of threading. In the use of a pin-point intake nozzle together with, for example crystal-line plastic this is very desirable.

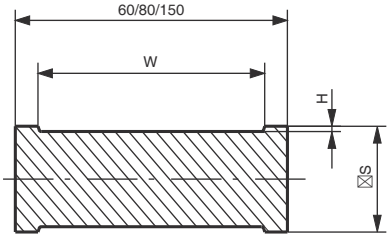
All models are produced in SKD-61 and are also TIN-treated.

The body is made in a number of standard forms and can also be ordered in a special design.

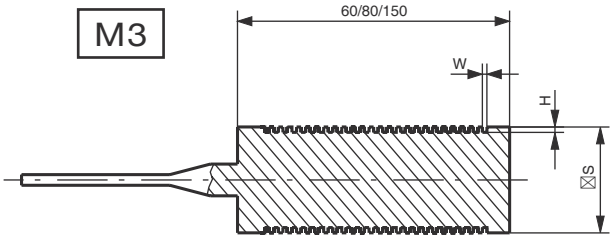
M1



M2



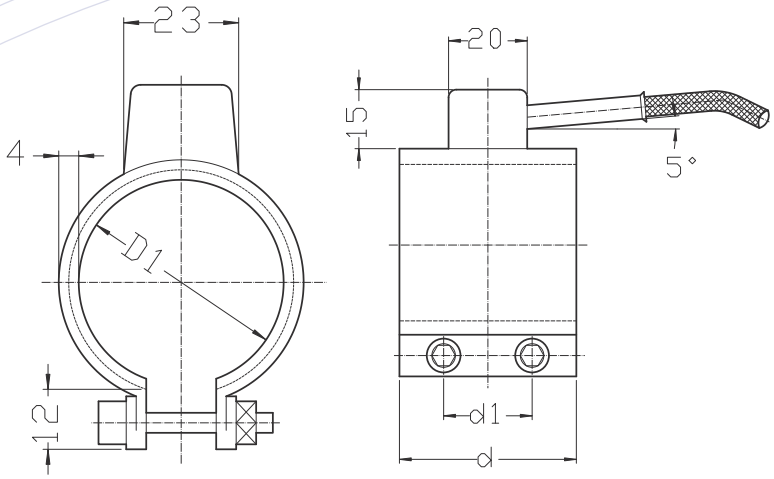
M3



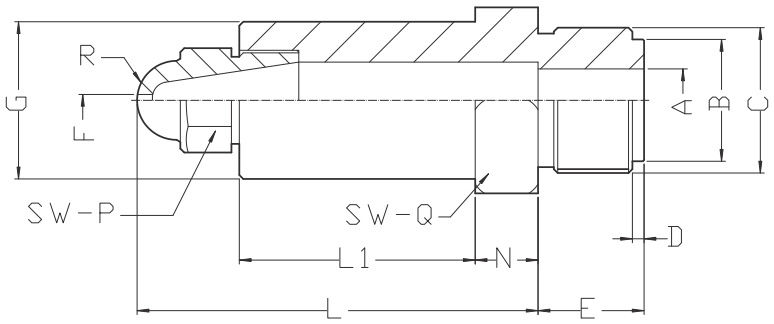
Order Form

For shot weight<1000g.Corresponds to a machine size up to approx.400 ton.
For shot weight<5000g.Corresponds to a machine size between 400 ton to 1000 ton.

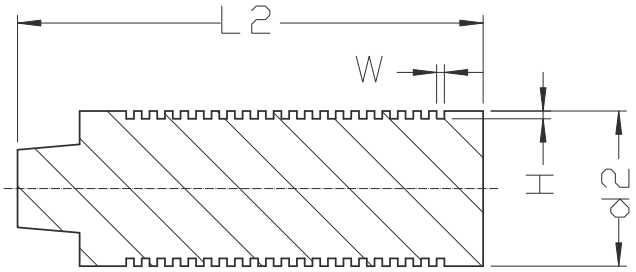
When ordering:
Fill out the form below and specify your nozzle.This form also available as PDF at www.heatlock.com
Fax this sheet to us: (86)0769-8382 5600

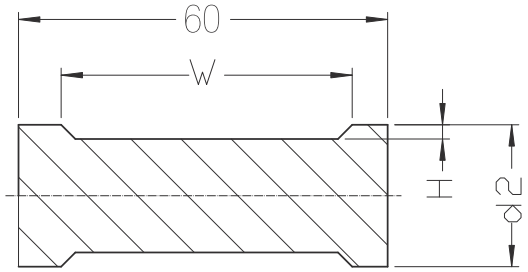


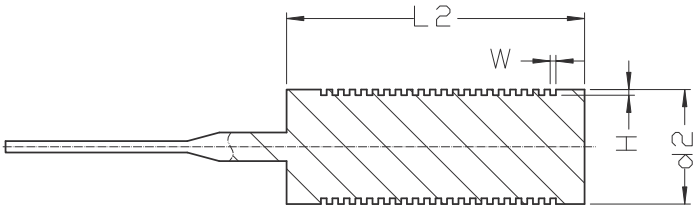
Company	
Name	
Address	
Phone	
Fax	
Email	
Qty	
Notes by Heatlock	



Nozzle				
H				
W				
d2	S20		S15	







When ordering, please write down the following dimension:

Type	A	B	C	D	E	L	F	G	L1	N	R	SW-P	SW-Q
N40							3	40	70	16	10	23	41
N50							3	50	90	20	13	29	54

*N40: L=112, L1=70, A max.=18
(including coil heater : B040045250, D1=40, d=45, d1=22.5, G=40)

*N50: L=142, L1=100, A max.=28
(including coil heater : B050060420, D1=50, d=60, d1=30, G=50)

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