



Thermon
South Africa (Pty) Ltd.

Cartridge Elements

for the plastic processing industry

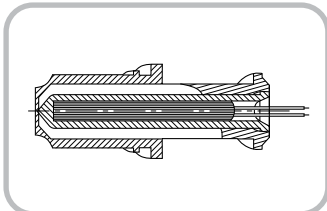


Cartridge elements offer an exceptionally high heating power in confined space. They are designed to heat up steel parts by inserting the cartridge into a close-fitting bore, machined into the steel part. Cartridges are widely used in the plastics industry (hotrunner systems, moulds), the packaging industry (sealing, welding, and cutting), the textile industry (cutting, sealing, embossing) and in the die-casting industry (heating of the gooseneck).

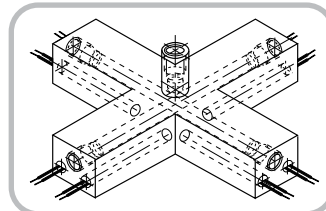


Cartridges can be supplied with built-in thermocouple for applications where there is insufficient space to mount a separate temperature sensor.

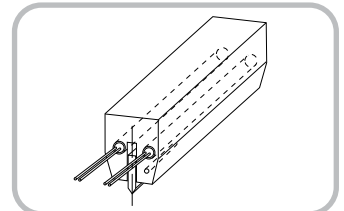
Applications



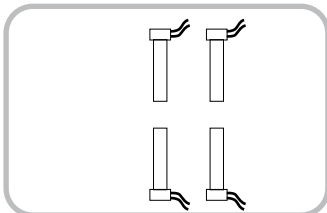
Injection moulding
inside heating of nozzles



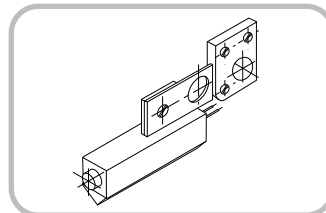
Hot runner systems
heating of manifolds



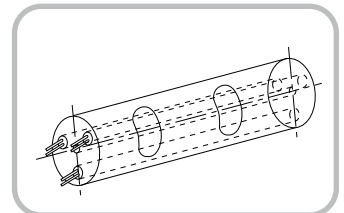
Packaging industry
heating of welding bars



Extrusion
heating of die head



Textile industry
heating of cutting knives



Paper industry
heating of stamping rolls

Installation

For good heat conduction between the cartridge and the tool to be heated a precise bore (ISO H7 reamed fit) is required. For high power cartridges with a surface load in excess of 20 Watt / cm² a press fit is necessary. Uneven bore surface or excessive tolerance of the bore results in hot spots, thus reducing the life span of the element. Excessive length of the cartridge protruding out of the tool will lead to overheating of the exposed length and eventual failure. The distance between cartridge and external tool surface should be at least equal to the diameter of the cartridge.

We recommend the use of non-conductive anti-seize paste, to allow easier removal of the cartridge once they need to be replaced.

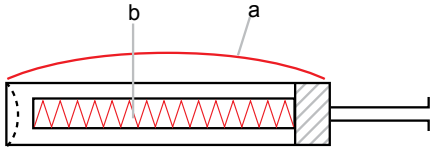
Please note the hotset installation and storage instruction before installing and using the product.



Heat distribution



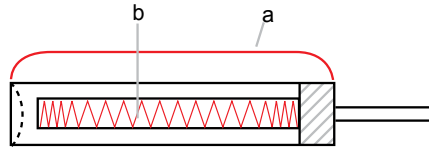
Elements with special heat distribution can be supplied on request. This is particularly important on sealing bars to avoid higher temperature at the centre (burning of material) compared to the outer edges of the sealing bar (does not weld properly).



Standard heat distribution

a - Temperature curve

b - Resistance (on heating wire)

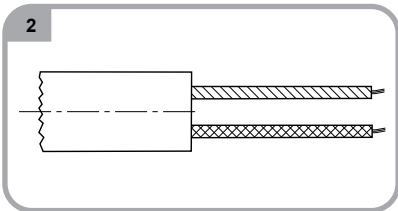


Special heat distribution

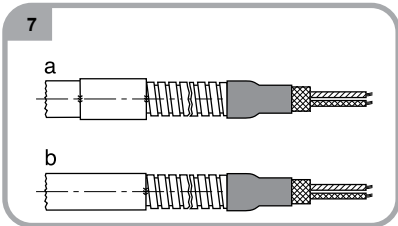
a - Temperature curve

b - Resistance (on heating wire)

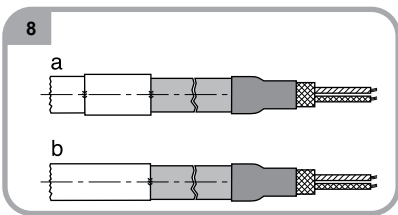
Termination type



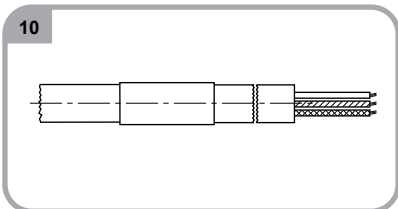
continuous glass silk insulated leads



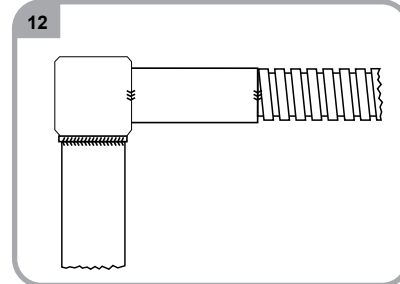
metal conduit sleeving (MGS)



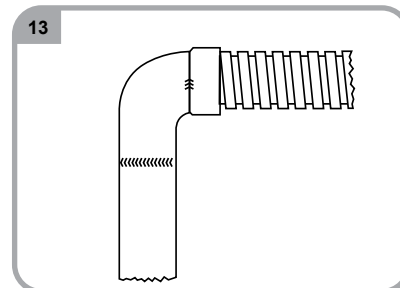
metal braided sleeving



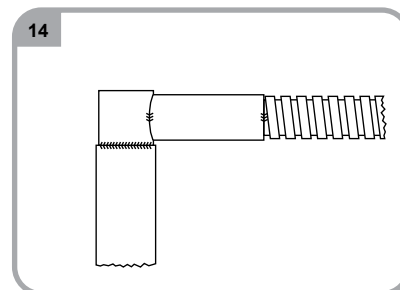
silicone sleeving



angular block (stainless steel) with approx. 40 mm of tubing



tubular bend (steel casting)



connecting piece for a right angled exit (stainless steel from Ø8 mm)

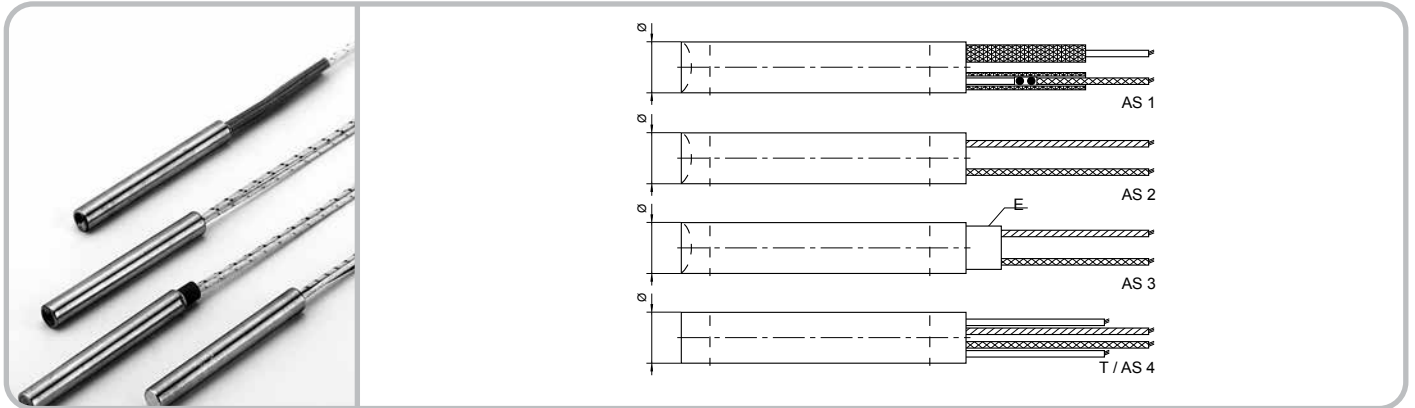
When ordering cartridges not listed on the following pages, please specify:

Diameter D (mm), Length L (mm), Watts (W), Voltage (V), Termination type, Cable length (mm), with/without Thermocouple

Thermon SA reserves the right to make any kind of design or functional modification without prior notice.



HHP High Watt Density Cartridge Heaters



Cartridge flexible termination type 2 (with 1m tails)

Cartridge flexible termination type 2 (with 1m tails)		
stock code	diameter x length (mm)	wattage at 230V
UHD065-04-1002D	6.5 x 40	100
UHD065-04-1252D	6.5 x 40	125
UHD065-04-1602D •	6.5 x 40	160
UHD065-04-1752D •	6.5 x 40	175
UHD065-04-2002D •	6.5 x 40	200
UHD065-05-1002D	6.5 x 50	100
UHD065-05-1602D	6.5 x 50	160
UHD065-05-2002D	6.5 x 50	200
UHD065-05-2502D	6.5 x 50	250
UHD065-06-1252D	6.5 x 60	125
UHD065-06-1602D	6.5 x 60	160
UHD065-06-2002D	6.5 x 60	200
UHD065-06-2502D •	6.5 x 60	250
UHD065-08-1252D	6.5 x 80	125
UHD065-08-1802D	6.5 x 80	180
UHD065-08-2002D	6.5 x 80	200
UHD065-08-2502D	6.5 x 80	250
UHD065-08-3152D	6.5 x 80	315
UHD065-10-1602D	6.5 x 100	160
UHD065-10-2002D	6.5 x 100	200
UHD065-10-2502D	6.5 x 100	250
UHD065-10-3502D	6.5 x 100	350
UHD065-13-2202D	6.5 x 130	220
UHD065-13-3502D	6.5 x 130	350
UHD080-04-1002D	8.0 x 40	100
UHD080-04-1602D	8.0 x 40	160
UHD080-04-2002D •	8.0 x 40	200
UHD080-04-2502D •	8.0 x 40	250
UHD080-05-1252D	8.0 x 50	125
UHD080-05-2002D	8.0 x 50	200
UHD080-05-2502D	8.0 x 50	250
UHD080-05-3152D •	8.0 x 50	315
UHD080-06-1252D	8.0 x 60	125

Cartridge flexible termination type 2 (with 1m tails)		
stock code	diameter x length (mm)	wattage at 230V
UHD080-06-2002D	8.0 x 60	200
UHD080-06-2502D	8.0 x 60	250
UHD080-06-2802D	8.0 x 60	280
UHD080-08-2002D	8.0 x 80	200
UHD080-08-3152D	8.0 x 80	315
UHD080-08-4002D	8.0 x 80	400
UHD080-10-2002D	8.0 x 100	200
UHD080-10-2502D	8.0 x 100	250
UHD080-10-3152D	8.0 x 100	315
UHD080-10-4002D	8.0 x 100	400
UHD080-13-2502D	8.0 x 130	250
UHD080-13-3152D	8.0 x 130	315
UHD080-13-4002D	8.0 x 130	400
UHD080-16-2002D	8.0 x 160	200
UHD100-04-1002D	10.0 x 40	100
UHD100-04-1252D	10.0 x 40	125
UHD100-04-2002D	10.0 x 40	200
UHD100-04-3152D •	10.0 x 40	315
UHD100-05-1002D	10.0 x 50	100
UHD100-05-1602D	10.0 x 50	160
UHD100-05-2002D	10.0 x 50	200
UHD100-05-2502D	10.0 x 50	250
UHD100-05-4002D •	10.0 x 50	400
UHD100-06-1252D	10.0 x 60	125
UHD100-06-1602D	10.0 x 60	160
UHD100-06-1802D	10.0 x 60	180
UHD100-06-2502D	10.0 x 60	250
UHD100-06-3152D	10.0 x 60	315
UHD100-06-4002D •	10.0 x 60	400
UHD100-06-5002D •	10.0 x 60	500
UHD100-08-1602D	10.0 x 80	160
UHD100-08-2502D	10.0 x 80	250
UHD100-08-3152D	10.0 x 80	315

Cartridge tolerances: Diameter -0.02 / -0.06 mm, length $\pm 1.5\%$, min. ± 1 mm, Wattage (cold) $\pm 10\%$

• = HIGH WATTS DENSITY, REQUIRES INTERFERENCE FIT

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Cartridge flexible termination type 2 (with 1m tails)

stock code	diameter x length (mm)	wattage at 230V
UHD100-08-4002D	10.0 x 80	400
UHD100-08-5002D	10.0 x 80	500
UHD100-08-6302D •	10.0 x 80	630
UHD100-10-2202D	10.0 x 100	220
UHD100-10-2502D	10.0 x 100	250
UHD100-10-3152D	10.0 x 100	315
UHD100-10-3502D	10.0 x 100	350
UHD100-10-4002D	10.0 x 100	400
UHD100-10-5002D	10.0 x 100	500
UHD100-10-6302D	10.0 x 100	630
UHD100-10-8502D •	10.0 x 100	850
UHD100-13-3152D	10.0 x 130	315
UHD100-13-4002D	10.0 x 130	400
UHD100-13-5002D	10.0 x 130	500
UHD100-13-6302D	10.0 x 130	630
UHD100-13-8002D	10.0 x 130	800
UHD100-16-4002D	10.0 x 160	400
UHD100-16-6302D	10.0 x 160	630
UHD100-20-4002D	10.0 x 200	400
UHD100-20-6302D	10.0 x 200	630
UHD125-04-2502D	12.5 x 40	250
UHD125-04-4002D •	12.5 x 40	400
UHD125-05-1002D	12.5 x 50	100
UHD125-05-2002D	12.5 x 50	200
UHD125-06-2002D	12.5 x 60	200
UHD125-06-2502D	12.5 x 60	250
UHD125-06-3152D	12.5 x 60	315
UHD125-06-4002D	12.5 x 60	400
UHD125-08-2502D	12.5 x 80	250
UHD125-08-3152D	12.5 x 80	315
UHD125-08-5002D	12.5 x 80	500
UHD125-08-6302D	12.5 x 80	630
UHD125-08-8002D •	12.5 x 80	800
UHD125-10-4002D	12.5 x 100	400
UHD125-10-5002D	12.5 x 100	500
UHD125-10-6302D	12.5 x 100	630
UHD125-10-8002D	12.5 x 100	800
UHD125-13-4002D	12.5 x 130	400
UHD125-13-5002D	12.5 x 130	500
UHD125-13-6302D	12.5 x 130	630
UHD125-13-8002D	12.5 x 130	800
UHD125-13-1K22D •	12.5 x 130	1250
UHD125-16-5002D	12.5 x 160	500
UHD125-16-6302D	12.5 x 160	630
UHD125-16-8002D	12.5 x 160	800
UHD125-18-6702D	12.5 x 180	670
UHD125-18-1K02D	12.5 x 180	1000
UHD125-20-6302D	12.5 x 200	630
UHD125-20-8002D	12.5 x 200	800

Cartridge flexible termination type 2 (with 1m tails)

stock code	diameter x length (mm)	wattage at 230V
UHD125-20-9002D	12.5 x 200	900
UHD125-20-1K52D	12.5 x 200	1500
UHD125-25-8002D	12.5 x 250	800
UHD125-25-9002D	12.5 x 250	900
UHD125-30-6002D	12.5 x 300	600
UHD125-30-1K52D	12.5 x 300	1500
UHD125-30-2K02D	12.5 x 300	2000
UHD127-08-3001D	12.7 x 76	300
UHD127-13-8002D	12.7 x 130	800
UHD160-04-1002D	16.0 x 40	100
UHD160-04-1602D	16.0 x 40	160
UHD160-04-2502D	16.0 x 40	250
UHD160-04-4002D •	16.0 x 40	400
UHD160-04-5002D •	16.0 x 40	500
UHD160-05-1602D	16.0 x 50	160
UHD160-05-2502D	16.0 x 50	250
UHD160-05-4002D	16.0 x 50	400
UHD160-06-2002D	16.0 x 60	200
UHD160-06-3152D	16.0 x 60	315
UHD160-06-4002D	16.0 x 60	400
UHD160-06-6302D •	16.0 x 60	630
UHD160-08-4002D	16.0 x 80	400
UHD160-08-5002D	16.0 x 80	500
UHD160-08-6302D	16.0 x 80	630
UHD160-08-8002D	16.0 x 80	800
UHD160-10-4002D	16.0 x 100	400
UHD160-10-5002D	16.0 x 100	500
UHD160-10-6302D	16.0 x 100	630
UHD160-10-8002D	16.0 x 100	800
UHD160-10-1K02D	16.0 x 100	1000
UHD160-10-1K22D •	16.0 x 100	1250
UHD160-13-5002D	16.0 x 130	500
UHD160-13-6302D	16.0 x 130	630
UHD160-13-7002D	16.0 x 130	700
UHD160-13-8002D	16.0 x 130	800
UHD160-13-1K02D	16.0 x 130	1000
UHD160-16-6302D	16.0 x 160	630
UHD160-16-8002D	16.0 x 160	800
UHD160-16-1K02D	16.0 x 160	1000
UHD160-16-1K22D	16.0 x 160	1250
UHD160-18-8502D	16.0 x 180	850
UHD160-18-1K22D	16.0 x 180	1250
UHD160-18-1K82D	16.0 x 180	1800
UHD160-20-5002D	16.0 x 200	500
UHD160-20-8002D	16.0 x 200	800
UHD160-20-1K02D	16.0 x 200	1000
UHD160-20-1K22D	16.0 x 200	1250
UHD160-20-2K02D	16.0 x 200	2000
UHD160-25-1K02D	16.0 x 250	1000

Cartridge tolerances: Diameter -0.02 / -0.06 mm, length ±1.5%, min. ±1 mm, Wattage (cold) ±10%

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Cartridge flexible termination type 2 (with 1m tails)

stock code	diameter x length (mm)	wattage at 230V
UHD160-25-1K22D	16.0 x 250	1250
UHD160-25-1K62D	16.0 x 250	1600
UHD160-30-1K02D	16.0 x 300	1000
UHD160-30-1K22D	16.0 x 300	1250
UHD160-30-1K52D	16.0 x 300	1500
UHD160-30-1K82D	16.0 x 300	1800
UHD200-06-3152D	20.0 x 60	315
UHD200-06-8002D	20.0 x 60	800
UHD200-08-3502D	20.0 x 80	350
UHD200-08-8002D	20.0 x 80	800
UHD200-08-1K02D	20.0 x 80	1000
UHD200-10-8002D	20.0 x 100	800
UHD200-10-1K02D	20.0 x 100	1000
UHD200-10-1K62D	20.0 x 100	1600

Cartridge flexible termination type 2 (with 1m tails)

stock code	diameter x length (mm)	wattage at 230V
UHD200-13-6302D	20.0 x 130	630
UHD200-13-9002D	20.0 x 130	900
UHD200-13-1K22D	20.0 x 130	1250
UHD200-13-1K42D	20.0 x 130	1400
UHD200-16-8002D	20.0 x 160	800
UHD200-16-1K02D	20.0 x 160	1000
UHD200-16-1K22D	20.0 x 160	1250
UHD200-16-1K82D	20.0 x 160	1800
UHD200-20-1K02D	20 x 200	1000
UHD200-20-1K62D	20 x 200	1600
UHD200-25-1K22D	20 x 250	1250
UHD200-25-2K02D	20 x 250	2000
UHD200-30-1K62D	20 x 300	1600
UHD200-30-2K22D	20 x 300	2200

Cartridges with Thermocouple (1m tail and 1m T/C cable)

Cartridges with thermocouple (1m tail and 1m T/C cable)

stock code	diameter x length (mm)	wattage at 230V
UHD065-04-1002J	6.5 x 40	100
UHD065-04-1752J •	6.5 x 40	175
UHD065-04-2002J •	6.5 x 40	200
UHD065-05-2002J •	6.5 x 50	200
UHD065-06-2002J	6.5 x 60	200
UHD065-06-2502J •	6.5 x 60	250
UHD065-10-3502J	6.5 x 100	350
UHD080-04-1002J	8.0 x 40	100
UHD080-05-2002J	8.0 x 50	200
UHD080-05-2502J •	8.0 x 50	250
UHD080-06-2502J	8.0 x 60	250
UHD080-08-2152J	8.0 x 80	215
UHD080-08-3152J	8.0 x 80	315
UHD080-10-3152J	8.0 x 100	315
UHD080-13-4002J	8.0 x 130	400

Cartridges with thermocouple (1m tail and 1m T/C cable)

stock code	diameter x length (mm)	wattage at 230V
UHD100-04-2002J •	10.0 x 40	200
UHD100-05-2502J	10.0 x 50	250
UHD100-06-2502J	10.0 x 60	250
UHD100-06-4002J •	10.0 x 60	400
UHD100-08-2502J	10.0 x 80	250
UHD100-08-3152J	10.0 x 80	315
UHD100-10-3502J	10.0 x 100	350
UHD100-16-4002J	10.0 x 160	400
UHD100-16-5752J	10.0 x 160	575
UHD100-16-6302J	10.0 x 160	630
UHD125-06-3152J	12.5 x 60	315
UHD125-06-4002J	12.5 x 60	400
UHD125-10-5002J	12.5 x 100	500
UHD125-16-8002J •	12.5 x 160	800

Cartridge Heaters for Torpedo Probes

Cartridge heaters for torpedo probes

stock code	diameter x length (mm)	wattage at 230V	reference code	description
UHD080-05-130MJ	8.0 x 50	130	AFTC-0825	humidity proof, special heat profile + flat btm.
UHD080-06-1702J	8.0 x 65	170	AFTC-0826	Cart with T/C No. 2 term, 1m tail and 1m T/C Cable
UHD080-06-170MJ	8.0 x 65	170		humidity proof, special heat profile + flat btm.
UHD080-08-1952J	8.0 x 85	195	AFTC-0827	Cart with T/C No. 2 term, 1m tail and 1m T/C Cable
UHD080-08-195MJ	8.0 x 85	195	AFTC-302-2	humidity proof, special heat profile + flat btm.
UHD095-06-175MJ	9.52 x 66	175		humidity proof, special heat profile + flat btm.
UHD095-08-2202J	9.52 x 85	220	AFTC-303-2	Cart with T/C No. 2 term, 1m tail and 1m T/C Cable
UHD095-08-220MJ	9.52 x 85	220		humidity proof, special heat profile + flat btm.
UHD095-11-2852J	9.52 x 112	285	AFTC-304-2	Cart with T/C No. 2 term, 1m tail and 1m T/C Cable
UHD095-11-285MJ	9.52 x 112	285	AFTC-305-2E	humidity proof, special heat profile + flat btm.
UHD095-13-355MJ	9.52 x 137	355		humidity proof, special heat profile + flat btm.

Cartridge tolerances: Diameter -0.02 / -0.06 mm, length \pm 1.5%, min. \pm 1 mm, Wattage (cold) \pm 10%

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Cartridge Heaters for distribution tubes

The cartridges hereunder are even heat profiled cartridge heaters with built-in type "J" thermocouple, tail length 850mm.
Note: For heated length of cartridge subtract 25mm from the overall length.

Cartridge Heaters for distribution tubes				Cartridge Heaters for distribution tubes			
stock code	diameter x length (mm)	wattage at 230V	reference code	stock code	diameter x length (mm)	wattage at 230V	reference code
UHD952-B1-350NJ	9.52 x 127	350	HCTC-03-4E	UHD127-Z7-2K9NJ	12.7 x 787	2940	HCTC-04-30E
UHD952-C1-370NJ	9.52 x 139	370	HCTC-03-45E	UHD127-Z8-3K1NJ	12.7 x 812	3150	HCTC-04-31E
UHD952-D1-435NJ	9.52 x 152	435	HCTC-03-5E	UHD158-F1-570NJ	15.8 x 177	570	HCTC-05-6E
UHD952-E2-470NJ	9.52 x 165	470	HCTC-03-55E	UHD158-G1-670NJ	15.8 x 203	670	HCTC-05-7E
UHD952-F1-490NJ	9.52 x 177	490	HCTC-03-6E	UHD158-H1-810NJ	15.8 x 228	810	HCTC-05-8E
UHD952-F2-515NJ	9.52 x 190	515	HCTC-03-65E	UHD158-J1-930NJ	15.8 x 254	930	HCTC-05-9E
UHD952-G1-525NJ	9.52 x 203	525	HCTC-03-7E	UHD158-K1-1K0NJ	15.8 x 279	1060	HCTC-05-10E
UHD952-H1-600NJ	9.52 x 228	600	HCTC-03-8E	UHD158-L1-1K1NJ	15.8 x 304	1190	HCTC-05-11E
UHD952-J1-710NJ	9.52 x 254	710	HCTC-03-9E	UHD158-M1-1K3NJ	15.8 x 330	1310	HCTC-05-12E
UHD952-K1-775NJ	9.52 x 279	775	HCTC-03-10E	UHD158-N1-1K4NJ	15.8 x 355	1440	HCTC-05-13E
UHD952-L1-785NJ	9.52 x 304	785	HCTC-03-11E	UHD158-P1-1K5NJ	15.8 x 381	1560	HCTC-05-14E
UHD952-M1-830NJ	9.52 x 330	830	HCTC-03-12E	UHD158-Q1-1K6NJ	15.8 x 406	1690	HCTC-05-15E
UHD952-N1-885NJ	9.52 x 355	885	HCTC-03-13E	UHD158-R1-1K8NJ	15.8 x 431	1815	HCTC-05-16E
UHD952-P1-905NJ	9.52 x 381	905	HCTC-03-14E	UHD158-S1-1K9NJ	15.8 x 457	1935	HCTC-05-17E
UHD952-O1-1K2NJ	9.52 x 406	1200	HCTC-03-15E	UHD158-T1-2K0NJ	15.8 x 482	2065	HCTC-05-18E
UHD952-R1-1K3NJ	9.52 x 431	1310	HCTC-03-16E	UHD158-U1-2K2NJ	15.8 x 508	2200	HCTC-05-19E
UHD952-S1-1K4NJ	9.52 x 457	1420	HCTC-03-17E	UHD158-V1-2K3NJ	15.8 x 533	2320	HCTC-05-20E
UHD952-T1-1K5NJ	9.52 x 482	1530	HCTC-03-18E	UHD158-W1-2K4NJ	15.8 x 558	2450	HCTC-05-21E
UHD127-E1-425NJ	12.7 x 152	425	HCTC-04-5E	UHD158-X1-2K5NJ	15.8 x 584	2570	HCTC-05-22E
UHD127-F1-435NJ	12.7 x 177	435	HCTC-04-6E	UHD158-R1-2K6NJ	15.8 x 609	2690	HCTC-05-23E
UHD127-G1-480NJ	12.7 x 203	480	HCTC-04-7E	UHD158-Z1-2K8NJ	15.8 x 635	2820	HCTC-05-24E
UHD127-H1-600NJ	12.7 x 228	600	HCTC-04-8E	UHD158-Z2-2K9NJ	15.8 x 660	2940	HCTC-05-25E
UHD127-J1-710NJ	12.7 x 254	710	HCTC-04-9E	UHD158-Z3-3K0NJ	15.8 x 685	3070	HCTC-05-26E
UHD127-K1-765NJ	12.7 x 279	765	HCTC-04-10E	UHD158-Z4-3K1NJ	15.8 x 711	3190	HCTC-05-27E
UHD127-L1-850NJ	12.7 x 304	850	HCTC-04-11E	UHD158-Z5-3K3NJ	15.8 x 736	3320	HCTC-05-28E
UHD127-M1-940NJ	12.7 x 330	940	HCTC-04-12E	UHD158-Z6-3K4NJ	15.8 x 762	3475	HCTC-05-29E
UHD127-N1-1K0NJ	12.7 x 355	1040	HCTC-04-13E	UHD158-Z7-3K5NJ	15.8 x 787	3550	HCTC-05-30E
UHD127-P1-1K1NJ	12.7 x 381	1110	HCTC-04-14E	UHD158-Z8-3K7NJ	15.8 x 812	3700	HCTC-05-31E
UHD127-Q1-1K2NJ	12.7 x 406	1200	HCTC-04-15E	UHD158-Z9-3K8NJ	15.8 x 838	3825	HCTC-05-32E
UHD127-R1-1K3NJ	12.7 x 431	1310	HCTC-04-16E	UHD158-ZA-3K9NJ	15.8 x 863	3945	HCTC-05-33E
UHD127-S1-1K4NJ	12.7 x 457	1420	HCTC-04-17E	UHD158-ZB-4K0NJ	15.8 x 889	4065	HCTC-05-34E
UHD127-T1-1K5NJ	12.7 x 482	1475	HCTC-04-18E	UHD158-ZC-4K2NJ	15.8 x 914	4200	HCTC-05-35E
UHD127-U1-1K6NJ	12.7 x 508	1575	HCTC-04-19E	UHD158-ZD-4K3NJ	15.8 x 939	4330	HCTC-05-36E
UHD127-V1-1K7NJ	12.7 x 533	1660	HCTC-04-20E	UHD158-ZE-4K4NJ	15.8 x 965	4480	HCTC-05-37E
UHD127-W1-1K7NJ	12.7 x 558	1750	HCTC-04-21E	UHD158-ZF-4K5NJ	15.8 x 990	4590	HCTC-05-38E
UHD127-X1-1K9NJ	12.7 x 584	1870	HCTC-04-22E	UHD158-ZG-4K7NJ	15.8 x 1016	4700	HCTC-05-39E
UHD127-Y1-2K0NJ	12.7 x 609	1980	HCTC-04-23E	UHD158-ZH-4K8NJ	15.8 x 1041	4820	HCTC-05-40E
UHD127-Z1-2K2NJ	12.7 x 635	2200	HCTC-04-24E	UHD158-ZI-4K9NJ	15.8 x 1066	4950	HCTC-05-41E
UHD127-Z2-2K2NJ	12.7 x 660	2280	HCTC-04-25E	UHD158-ZJ-5K0NJ	15.8 x 1092	5000	HCTC-05-42E
UHD127-Z3-2K4NJ	12.7 x 685	2450	HCTC-04-26E	UHD158-ZK-5K0NJ	15.8 x 1117	5070	HCTC-05-43E
UHD127-Z4-2K5NJ	12.7 x 711	2550	HCTC-04-27E	UHD158-ZL-5K0NJ	15.8 x 1143	5070	HCTC-05-44E
UHD127-Z5-2K6NJ	12.7 x 736	2635	HCTC-04-28E	UHD158-ZM-5K0NJ	15.8 x 1168	5070	HCTC-05-45E
UHD127-Z6-2K8NJ	12.7 x 762	2840	HCTC-04-29E				

Don't forget the anti-seize!	stock code	description	
	UMB-YWEI-ASW40P	AS040P	Anti-seize, non conductive paste (120g)

Cartridge tolerances: Diameter -0.02 / -0.06 mm, length ±1.5%, min. ±1 mm, Wattage (cold) ±10%

• = HIGH WATTS DENSITY, REQUIRES INTERFERENCE FIT

Thermon SA reserves the right to make any kind of design or functional modification without prior notice.

