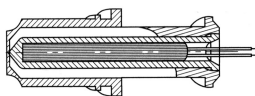


## CARTRIDGE HEATERS - TYPE 'O' TERMINATION STANDARDS

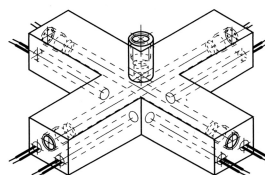
TYPE 'O' 500mm NFg TAILS	
Diameter X length (mm)	Wattage at 230V
6.5 x 40	100, 125, 160, 200
6.5 x 50	100, 160, 200, 250
6.5 x 60	125, 200, 315
6.5 x 80	160, 200
6.5 x 100	160, 200
8.0 x 40	100, 160, 200, 250
8.0 x 50	125, 200, 250, 350
8.0 x 60	200, 250, 350, 400
8.0 x 80	200, 315, 400
8.0 x 100	200, 315, 400
8.0 x 130	250, 400
10.0 x 40	100, 250
10.0 x 50	160, 250, 400
10.0 x 60	160, 250, 315, 400
10.0 x 80	250, 315, 400, 500
10.0 x 100	250, 315, 400, 500
10.0 x 130	315, 400, 500, 630
10.0 x 160	400, 630

**These are available ex-stock. Other sizes and wattages can be manufactured as a special**

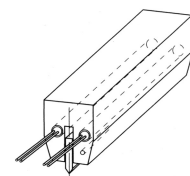
INJECTION MOULDING  
Inside heating of nozzles



HOT RUNNER SYSTEMS  
Heating of manifolds



PACKAGING INDUSTRY  
Heating of welding bars

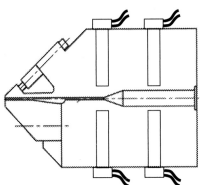


## CARTRIDGE HEATERS - TYPE 'O' TERMINATION STANDARDS

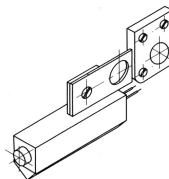
TYPE 'O' 500mm NFg TAILS	
Diameter X length (mm)	Wattage at 230V
12.5 x 40	250, 400
12.5 x 50	200, 315, 500
12.5 x 60	200, 315, 400
12.5 x 80	200, 315, 500
12.5 x 100	250, 400, 500, 630
12.5 x 130	400, 500, 630, 800
12.5 x 160	500, 630, 800, 1000
12.5 x 180	630
12.5 x 200	630, 800
16.0 x 60	400, 630
16.0 x 80	315, 400, 630
16.0 x 100	500, 800
16.0 x 130	500, 800
16.0 x 160	630, 800, 1000
16.0 x 180	850
16.0 x 200	800, 1000
16.0 x 250	1000, 1250
16.0 x 300	1250, 1800

**These are available ex-stock. Other sizes and wattages can be manufactured as a special**

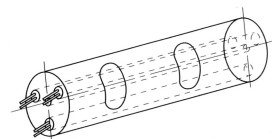
EXTRUSION  
Heating of die head



TEXTILE INDUSTRY  
Heating of cutting knives

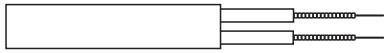


PAPER INDUSTRY  
Heating of stamping rolls



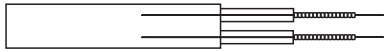
## CARTRIDGE HEATER TERMINATION TYPES

O/L = Overall length in mm / All cartridges made according to O/L



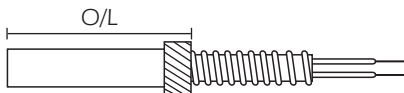
### TYPE 'A'

Nickel fibreglass flexible stranded leads.  
Crimped onto studs



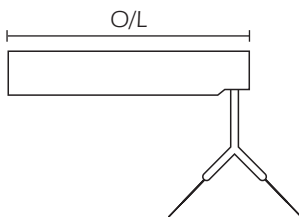
### TYPE 'O'

Leads are fitted internally from within  
Cartridge offers maximum flexibility



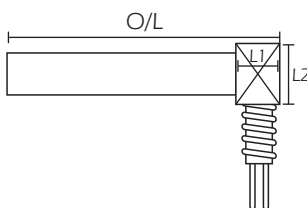
### TYPE 'B'

Straight exit from within complete with shoulder  
Extra flexible galvanised conduit provides  
abrasion protection



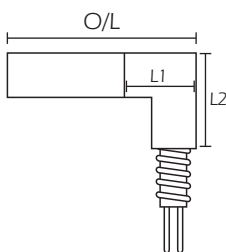
### TYPE 'C'

Right angle from within - no protection  
Nickel fibreglass flexible stranded leads



### TYPE 'Di' (Block)

Right angle extra flexible galvanised steel  
conduit provides abrasion protection



### TYPE 'Dii' (Flush)

Right angle extra flexible galvanised steel  
conduit provides abrasion protection

Ø Metric	Ø Imperial	Di L1	Di L2	Dii L1	Dii L2
6.5	¼" (6.35)	10	10	12	15
8	5/16" (7.94)	12	12	12	15
10	3/8" (9.52)	14	14	15	20
12.5	½" (12.7)	16	16	20	25
16	5/8" (15.88)	20	20	20	25
20	¾" (19.05)	-	-	25	25



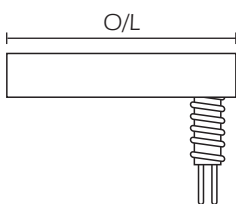
### TYPE 'E'

Nickel fibreglass with ceramic beads  
Ideal for high temperature environment



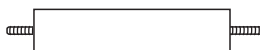
### TYPE 'F'

Straight exit from within - no shoulder  
Extra flexible galvanised steel conduit  
provides abrasion protection



### TYPE 'G'

Right angle from within - with protective sheath  
Extra flexible galvanised steel conduit  
provides abrasion protection



### TYPE 'N'

Exit both ends - either studs or nickel fibreglass



### TYPE "EARTH RETURN"