



Power  
Motorway Communication  
Lighting  
Utilities  
Ridgiduct Accessories  
General Purpose Duct



## Ducting Specification

Ducting is probably the most complex product range with regard to the number of specifications that are on the market place. Specifications can ask for sealed/non sealed, marked/unmarked, smooth wall/twinwall etc

Application	Product
<b>Power</b>	Ridgiduct Power Ridgiduct Power Split Duct Polyduct Power Ridgicoil Power
<b>Motorway Comms</b>	Ridgiduct Motorway Comms Polyduct Motorway Comms Ridgicoil Motorway Comms Duct Spacers Draw Cord
<b>Lighting</b>	Ridgiduct Lighting Polyduct Lighting Ridgicoil Lighting Lighting in Scotland Access Boxes Pole Boxes Composite Covers Galvanised Steel Covers Ductile Iron Covers & Frames
<b>Utilities</b>	Ridgiduct Utilities Ridgicoil Utilities
<b>General Purpose</b>	General Purpose Duct Suretwin



## POWER

## Ridgiduct Power

Ridgiduct is a twinwall system, specifically engineered to provide a light, yet robust alternative to conventional ducting. Ridgiduct is manufactured in HDPE and the resulting stiff, yet flexible twinwall structure easily out performs alternative products. Complementing the Ridgiduct range are a selection of twinwall long radius drawn bends, manufactured in HDPE.

These are available in most sizes and a range of angles.

Ridgiduct Power 100mm, 125mm and 150mm complies fully with the electrical supply industry specification for ducts, ENATS 12-24. Ridgiduct has been independently tested and certified by the BBA to ENATS 12-24.



## Key Benefits

- Preferred choice of regional electricity companies
- Low weight, flexible, durable and high strength
- Good impact resistance, even at low temperatures
- BBA approved and complies with BS EN 50086-2-4 and ENATS 12-24
- Available in 1, 2, 3 and 6m lengths
- Available in an alternative twinwall split duct form for easy installation around existing cables with minimal change in strength

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolsey Code
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## Black Ridgiduct twinwall Ducting

2m	100	2	RB100X2	P58162
2m	125	2	RB125X2	P58163
2m	150	2	RB150X2	P58164
3m	100	3	RB100X3	P58165
3m	125	3	RB125X3	P58166
3m	150	3	RB150X3	P58167
6m	94	6	RB94X6	P58160
6m	100	6	RB100X6	P59352
6m	125	6	RB125X6	P59372
6m	150	6	RB150X6	P59392

## Ridgiduct Power Split Duct

Ridgiduct Power Split Duct is mainly used for ducting existing cables



Product Description	Nominal Size (mm)	Length (m)	Product Code	Wolsey Code
<b>Ridgiduct Split</b>				
1m	100	1	RB100X1S	P59470
1m	125	1	RB125X1S	P59490
1m	150	1	RB150X1S	P59510
2m	100	2	RB100X2S	P59460
2m	125	2	RB125X2S	P59461
2m	150	2	RB150X2S	P59462
3m	100	3	RB100X3S	P59463
3m	125	3	RB125X3S	P59464
3m	150	3	RB150X3S	P59465

## Ridgicoil Power

Ridgicoil is a coiled twinwall duct, its flexibility eliminates the need for special bends and the smooth bore has a low co-efficient for ease of cable installation.



Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolsey Code
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## Black Ridgicoil Electric Including Coupler

	40	50	RC40X50BE	P59800
	50	50	RC50X50BE	P59801
	63	50	RC63X50BE	P19010
	75	50	RC75X50BE	P59803
	90	50	RC90X50BE	P18396
	110	50	RC110X50BE	P19003
	160	25	RC160X25BE	P18373

See Page 46 for Ridgiduct Accessories

## Polyduct Power

Polyduct is manufactured in MDPE or HDPE and is available in both straight lengths and coils. It can be used for either open trench or trenchless applications.

Some of the advantages of using Polyduct Power are:

- High impact
- Flexibility of coiled duct eliminating the need for special bends
- Meets ENATS 12-24 requirements



Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
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### Polyduct Black Electric Plain Ended

	32	100	PD3237X100BEPE	P18754
	32	50	PD3237X50BEPE	P59660
	32	25	PD3237X25BEPE	P69025
	38	100	PD3844X100BEPE	P19059
	38	50	PD3844X50BEPE	P69026
	38	25	PD3844X25BEPE	P69027
	50	50	PD5060X50BEPE	P59730
	50	25	PD5060X25BEPE	P69028

## Road Breaker - Heavy Duty

FOR HIRE

This robust electric breaker will break concrete up to 375mm (15") deep which makes it ideal for general road mending duties. This machine is quiet and fumeless and is available with a selection of accessories.

- Blows per minute: 1100bpm
- Max Joules: 63Js
- Net weight: 31.5kg
- Input wattage: 1900w



## Motorway Communication

### Ridgiduct Comms

Ridgiduct Comms 94, 100 and 150mm is a sealed system specifically designed for motorway communications applications.

Ridgiduct is fully integrated with access boxes.



### Key Benefits

- Type 450, normal duty
- IP47 rated sealed system
- BBA certified as a fully sealed system
- Certified to BS EN 50086-2-4 and meets the requirements of MCHW 1530
- Print options available

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
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### Purple Ridgiduct Motorway Comms Sealed

	94	6	RB94X6PMCPE	P18971
	94	12	RB94X12PMCPE	P19782
	100	6	RB100X6PMCPE	P18778
	100	12	RB100X12PMCPE	P19775

Conforms to Highways Agency Specification for sealed systems.

### Ridgiduct Comms - Sealed Fittings

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
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Black Coupler	94		CRD94	F62376
Black Coupler	100		CRD100	F62350
Sealing Ring	94		SRD94	F62377
Sealing Ring	100		SRD100	F62361

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
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### Purple Ridgiduct Motorway Comms/ Power - Unsealed

	94	6	RB94X6PMCP	P00001
	100	6	RB100X6PMCP	P00002

## Ridgicoil Comms

Ridgicoil is a coiled twinwall duct, it's flexibility eliminates the need for special bends and the smooth bore has a low co-efficient of friction for ease of cable installation



### Key Benefits

- Compliance with EN 50086-2-4: Type 450N, normal duty impact resistance
- Manufactured in polyethylene with excellence impact resistance at low temperatures
- Long coil lengths for reduced jointing
- Factory installed draw cord and coupling
- Optional sealing rings for sealed system
- Low weight, high strength

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolsey Code
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#### Purple R-Coil MCP Inc Coupler

	63	50	RC63X50PMCP	P95852
	110	50	RC110X50PMCP	P19008

## Polyduct Comms

Polyduct is manufactured in MDPE or HDPE and is available in coils. It can be used for either open trench or trenchless applications.

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolsey Code
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#### Purple Polyduct Coil

	60	50	PD5060X50P	To order
	107	50	PD97107X50P	To order

## Be Safe When Digging

When carrying out any form of digging it is essential to avoid any underground utility lines or cables. The consequences of damaging a buried utility line are:

1. Danger of serious injury or worse
2. Inconvenience and time needed to file an insurance claim
3. Costs of repairing the damaged pipe or cable
4. Costs caused by delay waiting for the repair to be completed.

## Draw Cord

Manufactured from high quality polypropylene to a nominal breaking strength of SkN.



Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolsey Code
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#### Draw Cord

	6	220	DC220	P18455
	6	500	DC500	P18456

## Duct Spacers

High quality injection moulded spacers are available to secure multiple installations of all 94 and 100mm diameter ducts. The unique modular designs enables multiple configurations to be assembled. Duct spacers comply with the requirements of MCHW 1530.



Product Description	Size (mm)	Supplier Code	Wolsey Code
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#### 2 Way Duct Spacers

For 110mm OD Duct	94	RBS110X2	P18304
For 118mm OD Duct	100	RBS118X2	P18338

#### 4 Way Duct Spacers

For 110mm OD Duct	94	RBS110X4	P18317
For 118mm OD Duct	100	RBS118X4	P18345

#### 6 Way Duct Spacers

For 100mm OD Duct	94	RBS110X6	P18305
For 118mm OD Duct	100	RBS118X6	P18423

The Cable Avoidance Tool (CAT) locates these cables buried underground. By sweeping an area with the CAT, before and during digging, the position of metal pipes and cables can be marked.

The direction of the cable can also be determined.



## LIGHTING

### Ridgiduct Street Lighting

Ridgiduct lighting is a twinwall low weight flexible duct system, specifically manufactured in orange for use in street lighting and traffic signals appliances. A full range of access and junction boxes, bends, reducers and adaptors complete the system.



#### Key Benefits

- Impact resistance, even at low temperatures
- BBA approved and complies with BS EN 50086-2-4
- Flexible in application, with a minimal requirement for special bends

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
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#### Orange R-Duct Inc Coupler

SL	94	6	RB94X60SL	F62946
TS	94	6	RB94X60TS	P18970
SL	100	6	RB100X60SL	P69000
TS	100	6	RB100X60TS	P69001
SL	150	6	RB150X60SL	P69002
TS	150	6	RB150X60TS	P69003

### Ridgicoil Lighting

Ridgicoil's flexibility eliminates the need for special bends and the smooth bore has a low co-efficient of friction for ease of cable installation.



#### Key Benefits

- Compliance with EN 50086-2-4: Type 450N, normal duty impact resistance
- Long coil lengths for reduced jointing
- Factory installed draw cord and coupling

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
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#### R-Coil Orange Inc Coupler

SL	63	50	RC63X500SL	P19012
TS	63	50	RC63X500TS	P19013
SL	110	50	RC110X500SL	P19006
TS	110	50	RC110X500TS	P19007

## Polyduct Lighting

Polyduct lighting is a single wall alternative to twinwall ducts. Manufactured in orange MDPE or HDPE. It can be used in either open trench or trenchless applications.



Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
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#### Orange P-Duct Inc Coupler

(5mm) SL	60	6	PD5060X60SL	P69040
(5mm) TS	60	6	PD5060X60TS	P69041
(3.5mm) SL	63	6	PD5663X60SL	P69042
(3.5mm) TS	63	6	PD5663X60TS	P69043
(3.5mm) SL	107	6	PD100107X60SL	P69044
(3.5mm) TS	107	6	PD100107X60TS	P69045
(5mm) SL	107	6	PD97107X60SL	P69046
(5mm) TS	107	6	PD97107X60TS	P69047

#### Orange P-Duct Bend

60mm x 45°	60		PDB60X450	P69048
60mm x 90°	60		PDB60X900	P69049
63mm x 45°	63		PDB63X450	P69050
63mm x 90°	63		PDB63X900	P69051
107mm x 45°	107		PDB107X450	P69054
107mm x 90°	107		PDB107X900	P69055

Available with street lighting or traffic signal print.

## Scottish Street Lighting

Scotland has a specific requirement for single wall polypropylene duct.

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
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Purple Single Wall Inc Coupler	60	100	SSL60X100P	P18880
	100	40	SSL100X40P	P19037
Junction Box SSL	100		SSLJB100	P69006
4-Pin Shrouded End Cap	100		SSLEC4PIN	P69007
Purple SSL	60		SSL60	P69008
Connector	100		SSL100	P69009
Slotted Reducer	100		SSLR100X60SLOT	P18457
Unslotted Reducer	100		SSLR100X60	P69010

## Access Boxes

Polypipe Civils offers a comprehensive range of 5 duct Access Boxes in single, double or triple height units.

All Access Boxes are manufactured in impact resistant polyethylene for installation in all conditions



## Key Benefits

- Robust, single-piece injection or rotational mouldings
- Corrosion free and chemical resistant material
- Ultraviolet light resistant material, suitable for extended storage periods
- Provision of guaranteed cover to the ducting of 450 or 750mm for double and triple height units
- Modular construction, allowing Access Boxes to be used as rising sections
- Pre-fabricated points of entry to accommodate 54, 63, 110 and 118mm outside diameter ducting

Product Description	Nominal Size (mm)	Supplier Code	Wolseley Code
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### Access Chambers

320mm Single	290 x 275	AC2902751	P18300
660mm Double	290 x 275	AC2902752	P69130
1000mm Triple	290 x 275	AC2902753	P69131
320mm Single	450 x 300	AC4503001	P18301
660mm Double	450 x 300	AC4503002	P18302
1000mm Triple	450 x 300	AC4503003	P18303
320mm Single	450 x 450	AC4504501	F62948
660mm Double	450 x 450	AC4504502	P18299
1000mm Triple	450 x 450	AC4504503	P18306
320mm Single	600 x 450	AC6004501	P18307
660mm Double	600 x 450	AC6004502	P18308
1000mm Triple	600 x 450	AC6004503	P18309
320mm Single	600 x 600	AC6006001	P18310
660mm Double	600 x 600	AC6006002	P18311
1000mm Triple	600 x 600	AC6006003	P18312

The clear opening for boxes is greater than the clear opening for frames. Double or triple height units can be made up from single units. Stacked single units interlock, providing a total height of 300mm personal unit.

## Pole Boxes

Manufactured from polyethylene, the pole box provides 450mm depth of cover as standard, extendable if required using



Product Description	Nominal Size (mm)	Supplier Code	Wolseley Code
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### Pole Box

640mm - Dia 114mm Pole	290 x 275	PB2902751	P18313
640mm - Dia 140mm Pole	290 x 275	PB2902752	P18314
640mm - Dia 114mm Pole	450 x 450	PB4504501	P18315
640mm - Dia 140mm Pole	450 x 450	PB4504502	P18316

## Composite Covers

New advanced skid resistance composite covers are available for the range of access, pole and signal boxes. Manufactured in high strength, fibre-reinforced polyester resin and to BS EN 124 Class B125.



In tests the unique anti-slip composite covers achieve a SRV (Skid Resistance Value) far in excess of minimum limits set by the Country Surveyors Society working party data collection unit 1-96.

Product Description	Nominal Size (mm)	Supplier Code	Wolseley Code
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### Non-Locking Galvanised Steel Frame

(Locking Systems also available)	290 x 275	CCF290275	P18341
	450 x 300	CCF450300	P18343
	450 x 450	CCF450450	F62950
	600 x 450	CCF600450	P18347

Product Description	Nominal Size (mm)	Supplier Code	Wolseley Code
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### Skid Resistant Access Composite Covers

	290 x 275	CC290275	P18336
	450 x 300	CC450300	P18337
	450 x 450	CC450450	F62949
	600 x 450	CC600450	P18339

Galvanised Steel and Ductile Covers and Frames also available. Ask in Branch for details.

## Utilities

### Ridgduct Utilities



Available in a range of colours which comply with NUJG classifications

#### Key Benefits

- BBA approved and complies with BS EN 50086-2-4
- Available in 1, 2, 3 and 6m lengths
- Print options available
- Low weight, flexible, durable and high strength
- Good impact resistance, even at low temperatures
- Available from stock

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
<b>Blue Ridgduct Inc Coupler</b>				
	94	6	RB94X6BL	P59394
	150	6	RB150X6BL	P75221
<b>Blue Ridgduct PE</b>				
	225	6	RB225X6BLPE	P75222
	300	6	RB300X6BLPE	P75223
<b>Yellow Ridgduct Inc Coupler</b>				
	94	6	RB94X6Y	P75224
	150	6	RB150X6Y	P75225
<b>Yellow Ridgduct PE</b>				
	225	6	RB225X6YPE	P75226
	300	6	RB300X6YPE	P75227
<b>Green Ridgduct Inc Coupler</b>				
	94	6	RB94X6G	P75228
	150	6	RB150X6G	P75229

## Ridgcoil Utilities



Ridgcoil is a strong yet flexible alternative to conventional ducting for underground utilities.





Ridgcoil's flexibility eliminates the need for special bends and the smooth bore has a low coefficient of friction for ease of cable installation.

Supplied in 50m coils.

#### Key Benefits

- Compliance with EN 50086-2-4: Type 450N, normal duty impact resistance
- Manufactured in polyethylene with excellence impact resistance at low temperatures
- Long coil lengths for reduced jointing
- Factory installed draw cord and couplings
- Optional sealing rings for sealed system
- Colours and printing to suit the end use application (maybe subject to lead times)
- Low weight, high strength

Product Description	Nominal Size (mm)	Length (m)	Supplier Code	Wolseley Code
<b>Blue Ridgcoil Inc Coupler</b>				
	50	50	RC50X50BL	P95821
	63	50	RC63X50BL	P95822
	110	50	RC110X50BL	P19004
<b>Yellow Ridgcoil Inc Coupler</b>				
	50	50	RC50X50Y	P18389
	63	50	RC63X50Y	P95832
	110	50	RC110X50Y	P19009
<b>Green Ridgcoil Inc Coupler</b>				
	63	50	RC63X50G	P95842
	110	50	RC110X50G	P19005

Application	Description	94	100	125	150
<b>Ridgiduct Accessories</b>					
<b>Ridgiduct Couplers</b>					
	Black	RBC94 P59589	RBC100 P59590	RBC125 P59591	RBC150 P59592
<b>Ridgiduct Long Radius Drawn Bends Plain Ended</b>					
	11.25° Drawn Bend 0.42 Radius	RBDB94X11X0.42 P18471	RBDB100X11X0.42 P18459		
	11.25° Drawn Bend 0.6 Radius			RBDB125X11X0.6 P18463	RBDB150X11X0.61 P18467
	22.5° Drawn Bend 0.42 Radius	RBDB94X22X0.42 P18472	RBDB100X22X0.42 P18460		
	22.5° Drawn Bend 0.6 Radius			RBDB125X22X0.6 P18464	RBDB150X22X0.61 P18468
	45° Drawn Bend 0.42 Radius	RBDB94X45X0.42 P18473	RBDB100X45X0.42 P18461		
	45° Drawn Bend 0.6 Radius			RBDB125X45X0.6 P18465	RBDB150X45X0.61 P18469
	90° Drawn Bend 0.42 Radius	RBDB94X90X0.42 P18474	RBDB100X90X0.42 P18462		
	90° Drawn Bend 0.6 Radius			RBDB125X90X0.6 P18466	RBDB150X90X0.61 P18470
<b>Ridgiduct Bends Double Socketed</b>					
	11.25° Drawn Bend 2.4 Radius		RBB100X11X2.4 P59600	RBB125X11X2.4 P59611	RBB150X11X2.4 P59621
	22.5° Drawn Bend 2.4 Radius		RBB100X22X2.4 P59601	RBB125X22X2.4 P59612	RBB150X22X2.4 P59622
	45° Ridgiduct Bend 0.45 Radius		RBB100X45X0.45 P59603		
	45° Ridgiduct Bend 0.61 Radius			RBB125X45X0.61 P59615	RBB150X45X0.61 P59624
	90° Ridgiduct Bend 0.45 Radius		RBB100X90X0.45 P59607		
	90° Ridgiduct Bend 0.61 Radius			RBB125X90X0.61 P59618	RBB150X90X0.61 P59628
<b>Ridgiduct End Caps</b>					
	End Cap	RBEC94 P69020	EC1059 F62393	EC3051 P69021	EC1778 F62402

## General Purpose Duct

General Purpose uPVC duct and fittings are a cost effective alternative to higher specification systems, for use in light and medium applications. The products are manufactured to traditionally accepted dimensions but do not meet the requirements of BS EN 50086-2-4 : 1994.

General Purpose ducting is not suitable for Highways Agency applications and will require a better standard of installation than more robust systems for successful performance. All ducts include an integral socket and accessories include bends, junctions and end caps.



Product Description	Length (m)	Nominal Size (mm)	Supplier Code	Wolseley Code
<b>Black General Purpose Duct</b>				
54mm	6	54	GP2X6B	P58030
89mm	6	89	GP3X6B	P58035
114mm	6	114	GP4X6B	P58040
168mm	6	168	GP6X6B	P58045
200mm	6	200	GP8X6B	P58048

## General Purpose Bends






General purpose ducting lengths include integral socket.

Please note this product comes in grey to black for both pipe & fittings.

Product Description	Nominal Size (mm)	Supplier Code	Wolseley Code
<b>11.25° Black</b>			
54mm	2	GPB2X11	P18950
89mm	3	GPB3X11	P58250
114mm	4	GPB4X11	P58260
168mm	6	GPB6X11	P58270
206mm	8	GPB8X11	P19602
<b>22.5° Black</b>			
54mm	2	GPB2X22	P18951
89mm	3	GPB3X22	P58251
114mm	4	GPB4X22	P58261
168mm	6	GPB6X22	P58271
206mm	8	GPB8X22	P18603

Product Description	Nominal Size (mm)	Supplier Code	Wolseley Code
<b>45° Black</b>			
54mm	2	GPB2X45	P58242
89mm	3	GPB3X45	P58252
114mm	4	GPB4X45	P58262
168mm	6	GPB6X45	P58272
206mm	8	GPB8X45	P18604
<b>90° Black</b>			
54mm	2	GPB2X90	P58243
89mm	3	GPB3X90	P58253
114mm	4	GPB4X90	P58263
168mm	6	GPB6X90	P58273
206mm	8	GPB8X90	P18605

## General Purpose Fittings

Product Description	Nominal Size (mm)	Supplier Code	Wolseley Code
 54mm Black Hockey Stick Duct (54mm) x 6m	2	GPHS2	P18570
<b>Black General Purpose Connectors</b>			
 54mm	2	GPC2	P58354
89mm	3	GPC3	P58355
114mm	4	GPC4	P58356
168mm	6	GPC6	P58357
206mm	8	GPC8	P58386
<b>90° Black General Purpose T Junction</b>			
 54mm	2	GPJT2X90	P69080
89mm	3	GPJT3X90	P18574
114mm	4	GPJT4X90	P18585
168mm	6	GPJT6X90	P18596
206mm	8	GPJT8X90	P69081
<b>45° Black General Purpose Y Junction</b>			
 54mm	2	GPJY2X45	P18572
89mm	3	GPJY3X45	P18575
114mm	4	GPJY4X45	P18586
168mm	6	GPJY6X45	P18597
206mm	8	GPJY8X45	P69082
<b>Black General Purpose End Cap</b>			
 54mm	2	GPEC2	P18569
89mm	3	GPEC3	P18573
114mm	4	GPEC4	P18584
168mm	6	GPEC6	P18595
206mm	8	GPEC8	P69083