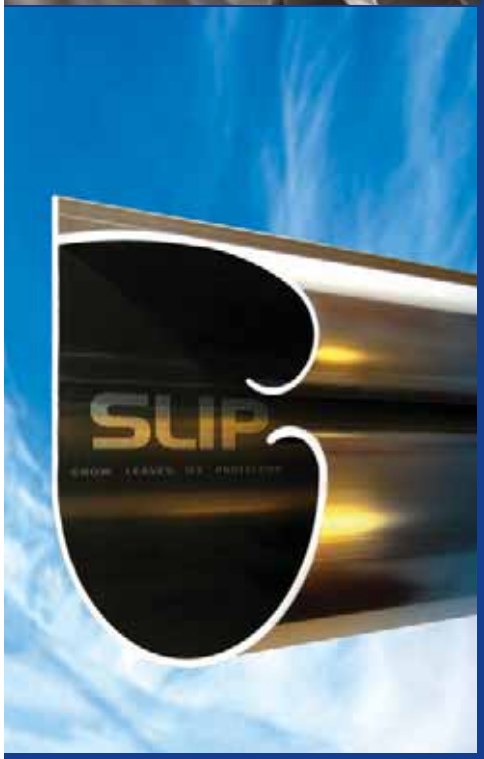
SEAMLESS ALUMINIUM *group*

ESTABLISHED 1975

EFFICIENCY, QUALITY & SERVICE

SLIP



Seamless Aluminium

Seamless Aluminium has been successfully designing, manufacturing and distributing high quality aluminium rainwater systems for over 30 years. Our investment in a 60,000 sq. ft manufacturing plant, high-tech production machinery including a state-of-the-art digitally controlled electrostatic powder coat paint line and pre-treatment plant, has helped us become the market leader in our industry.

In addition, our in-house laboratory helps us create the right environment to achieve high standards of quality and customer attention while allowing us the flexibility to tailor our product range to suit individual clients.

Quality Control

Through applying the Seamless Aluminium motto of "Quality, Versatility and Flexibility of Service," to every aspect of our business we have achieved some of the highest standards of quality in the business.

Environment

Seamless Aluminium is committed to maintaining an efficient, clean and environmentally friendly plant.

EFFICIENCY, QUALITY & SERVICE

SEAMLESS ALUMINIUM SYSTEMS

Aluminium Coil Slit to your specification

SEAMLESS ALUMINIUM SYSTEMS

5” Seamless Gutter Machine

(Series 555)

Free Floating Stainless Steel Forming Rollers.
Mechanical Guillotine utilizing double rack and pinion shear.
Fuse protected electrical controls with jog/run and forward/reverse switches with exit end.
15 amp., 110v., weatherproofed double outlet auxiliary power source.
Two Independently mounted easily reversible reel stands, with two adjustable width reels.
One year parts warranty.
Runs Aluminium, Copper and Standard Terne-Coated Steel.
5” Machine – 2.5m in Length (500 kgs) 6” Machine – 3.1m in Length (590 kgs)
Front Pull Guillotine Style Shear
Speed – approximately 35ft per minute.

Machines are also available for 150 mm and combo.

Rainwater Gutter Capacity & Running Outlets in Litres Per Second, Dimensions in Millimetres

Gutter Profile	Size	Outlet Size Gutter Capacity	Round Pipes 63 - 75 - 100	Square Pipes 75 x 75 75 x 100 100 x 100
	125 x 100	2.84	1.96 2.71 4.94	3.47 4.63 6.18
	150 x 125	3.68	1.96 2.71 4.94	3.47 4.63 6.18

Seamless Aluminium **Health & Safety** Data Sheet

Product Description: Organic Coatings: Polyester, and A.R.S. (Polyurethane Based)

Composition: Aluminium Alloy, Sheet or Coil coated with a Primer, Polyester Top Coat and a Backing Coat. The Organic Top Coat is typically between 1.15% and 3.69% by weight of product.

Intended Use: Building, and General Rainwater Systems.

Health Hazards: When handling the product in sheet or coil form there is a risk of laceration of the skin. Polyester Compositions under normal conditions of storage are not toxic. Pigments within the pre-treatment and paint systems, may contain one or more of the Substances listed below. For which occupational exposure limits have been established by The Health & Safety Commission. These limits should always be observed.

Substance:	OEL 10 min (b)	OEL Notes	8 HR(a)
Basic Chromium Chromate	0.05 mg/M3	-	As Cr
Aluminium	10ppm	20ppm	
Lead Chromate Pigment	0.15 mg/M3	-	

a Long term exposure limit – 8 hour time weighted average
b Short term exposure limit – 10 minute time weighted average
s Occupational Standard Limit
m Maximum Exposure Limit
c Manufacture Data
d Limits in mg/M3, all other data in parts per million ppm.
skin There is a risk of absorption through unbroken skin.

Precautions In Handling & Use

Protective clothing should be worn to prevent laceration of the skin.

First Aid Procedure

Eye Contact: Irrigate copiously with clean fresh water for at least ten minutes, holding the eyelids apart.

Skin Contact: Wash skin thoroughly with soap and water or use a proprietary skin cleaner.

Fire Prevention: Under normal conditions of storage and use, polyester compositions are not flammable but may be consumed by fire. The major products of combustion/decomposition of polyester composition are detailed below.

Alloy	Thickness	Temper	YS (Mpa) Min	UTS (Mpa)	Elong A50(%) Min Values	Minimum Recommended Bend Radius (180%) t=Metal Thickness		Silicone Modified Polyester	High Durability Polyester	Polyurethane Polyamide ARS
3003	0.20 1.20	H44	115	145-185	7	1.5t	Primer	Yes	No	No
		H46	140	170-210	6	1t	Film Thickness (microns)	25	25	30
		H48	160	min 190	4	2t	Flexibility	4-5T	1-2T	0-1T
3105	0.20 1.20	H42	105	130-180	7	0t	Hardness	H	H	2H
		H44	120	150-200	6	0t	Abrasion Resistance	Good	Good	Excellent
		H46	150	175-225	5	0.5t	Corrosion Resistance (Acetic acid salt spray)	Fair (Cracks on bends)	Good	V. Good
	0.27 069	H48	170	min 195	2	1t				
		H47	175	200-240	7	0t	U.V. Resistance	V Good	Good	V Good

FASCIA & SOFFIT SYSTEMS

FASCIA & SOFFIT SYSTEMS

Aluminium Soffit and Fascia

Assemblies are available to complement our seamless gutters. These fit directly onto the original timber fascia and soffit and have the same durable factory applied coatings as the gutters.

Aluminium Weather Barrier

Aluminium doesn't rust. The natural surface becomes a barrier of tough ceramic like oxide. This protects your Gutters, Fascia, and Soffits from the elements. Whether it's coastal chlorides or industrial sulphur emissions, aluminium provides you with an extended lifespan.

Aluminium can be recycled infinitely so is Environmentally Friendly.

Description	Size	Pack Content
152mm Fascia Board	3.66m	20 Lengths
203mm Fascia Board	3.66m	20 Lengths
254mm Fascia Board	3.66m	14 Lengths
304mm Fascia Board	3.66m	12 Lengths
355mm Fascia Board	3.66m	12 Lengths
406mm Fascia Board	3.66m	12 Lengths

Description	Size	Pack Content
203mm Cladding	3.66m	20 Lengths

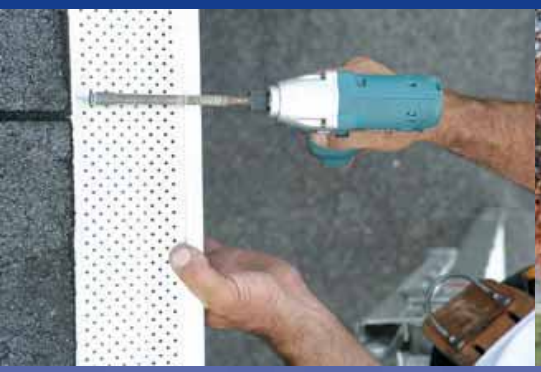
Description	Size	Pack Content
406mm Plain Soffit	3.66m	16 Lengths
406mm Perforated Soffit	3.66m	16 Lengths

Description	Size	Pack Content
J Channel Trim	3.66m	30 Lengths
Undercill Trim	3.66m	50 Lengths

Description	Size	Pack Content
Slate Edge	3.05m	10 Lengths

FASCIA & SOFFIT ACCESSORIES

Leaf & Debris Protection



Gutter cleaning days are over!

For New Installations

Fixa tech

M-5200	5" (12.70 cm)	7.5' (2.27 m)	Carton Contents 43 pcs

- This product is an absolute revolution on the market, Fixa-Tech Products are specially designed for all new gutter applications.
- Their main feature has a unique continuous hanging system which goes against the traditional way of installing gutters with spikes or hangers.

For Existing Installations

Gutter clean system

M-5300	5" (12.70 cm)	7.5' (2.27 m)	Carton Contents 43 pcs

With Gutter Clean System Products, we offer a protective membrane that installs on existing gutters and puts an end to debris infiltration.

Accessories

Outside Corner

OC-5200	5" (12.70cm)	Carton Contents 43 pcs

Inside Corner

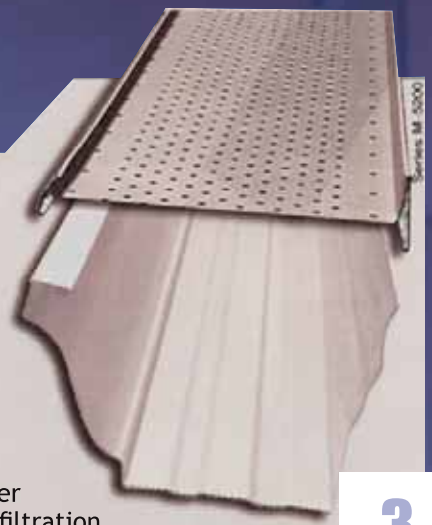
IC-5200	5" (12.70cm)	Carton Contents 43 pcs

- Protect against damage caused by ladder or water infiltration.
- Prevent debris from getting into drain.
- Ideal for the recovery of rain water without debris.
- Ecological and Economical Solution.

fixa tech

For all new gutter applications

Fixa-Tech Products install with rubber gasket screws that prevent water infiltration.



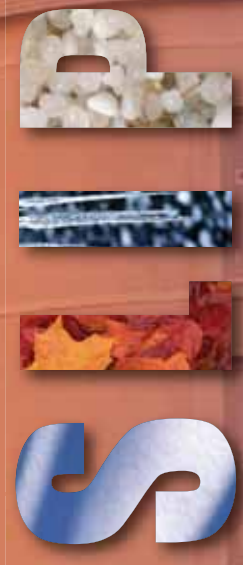
ALUMINIUM ACCESSORIES

Description	Specification	Content Per Pack
Endcaps Left & Right	127mm	60
Endcaps Left & Right	153mm	50
90 Deg I/S & O/S Strip Mitres	127mm	20
90 Deg I/S & O/S Strip Mitres	153mm	20
90 Deg I/S & O/S Box Mitres	127mm	20
90 Deg I/S & O/S Box Mitres	153mm	20
90 Deg I/S & O/S Bay Mitres	127mm	20
Upats	M6 x 40mm	100
Leader Strap	2 x 3	100
Leader Strap	3 x 4	100
Aluminium Spikes	175mm	500
Aluminium Spikes	200mm	500
Trim Nails	32mm	450g
Trim Nails	50mm	450g
Ferrules	127mm	2,500
Ferrules	153mm	400
Rivets		1,000
Spray Paint		256g
Hidden Hangers (extruded)	127mm	800
Hidden Hangers (extruded)	153mm	400
Fascia Brackets	127mm	100
Fascia Brackets	153mm	50
Pop In Outlets	70mm	250
Pop In Outlets	90mm x 80mm	60
Stainless Steel Nails	30mm	per kg
Stainless Steel Nails	50mm	per kg
Connector Slip Joint	125mm	100
Gutter Grid	127mm	50m
Gutter Grid	153mm	50m
Gutter Coil 0.7, 0.9,	298mm	per kg
Gutter Coil 0.7, 0.9,	381mm	per kg
Roll Form D/Pipe	75mm x 50mm	20
A & B Elbows	75mm x 50mm	30
P.V.C. D/Pipe	2.75m	5
P.V.C. Offsets	67 1/2 deg	20
P.V.C. Offsets	87 1/2 deg	10
P.V.C. Pipe Connectors	61mm	10
P.V.C. Brackets	61mm	20
P.V.C. Shoes	62mm	10
P.V.C. Pipe Wall Offset	61mm	10
P.V.C. Branch	67 1/2 deg	10
Hopper Head	61mm	5
Sealer	310mm	25

HEAVY DUTY ALUMINIUM GUTTERS DOMESTIC / COMMERCIAL

Free Deliveries Nationwide

Sectional gutters available in O.G. / Half Round / Box.
Bay gutters manufactured to your specification.



Revolutionary new patented gutter system available only from **Seamless Aluminium Ltd.**

Developed at the company's Ballyshannon plant, the new SLIP system has been designed and patented for simple installation by both professionals and DIY enthusiasts.

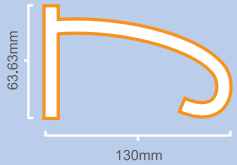
1 The top half is a contoured protective hood that draws water by the principle of water adhesion around its curved surface through the opening between the 2 two sections and then deposits the water in the gutter.

3 At the same time the gap is too narrow to allow leaves or debris to get through, 4 so ensuring a free flowing gutter system.

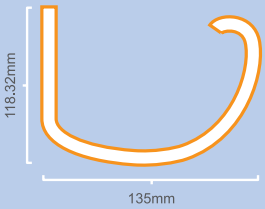
GUTTER SYSTEMS

Installation
The bottom gutter section is affixed to the fascia at 450mm intervals by means of screws. Sections are joined using a 50mm wide internal connector, applied with a single sided, self-adhesive foam tape.
The top section slots into the apex provided by the bottom section and is also affixed at 450mm intervals.
The back wall of each section is foreseen with grooves, which act as guides whilst affixing screws.
Slip gutter is supplied in 3 meter lengths.

DIMENSIONS



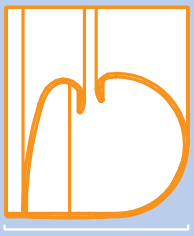
Top Gutter Section



Bottom Gutter Section

Dimensions:
A-174
B-130
C-135

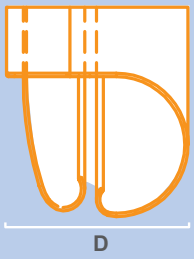
MITRES

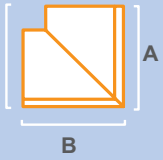


I/S & O/S Box Mitre (90°)

I/S & O/S Angle Mitre (135°)

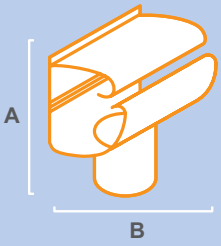
Other angles are available on request.

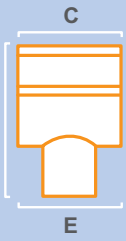




Dimensions:
A-200
B-200
C-137
D-174

SLIP GUTTER OUTLETS

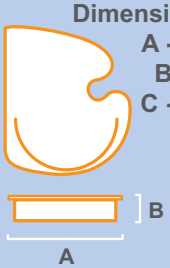




Gutter outlets can be made to suit the pipe being used, whether it be a different size **(63.5 (2.5”), 76.2 (3.0”) 101.6 (4.0”)** or shape (round / square).

Dimensions:
A - 196
B - 137
C - 200
D-117
EØ-63.5, 76.2, 101.2

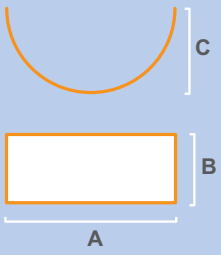
SLIP GUTTER ENDS



Dimensions:
A - 149
B - 30
C - 128

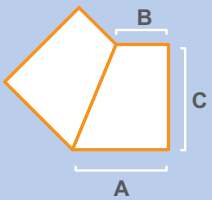
SLIP Gutter end caps (left and right)

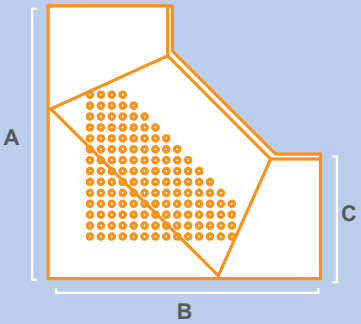
Dimensions:
A - 130
B - 50
C - 76

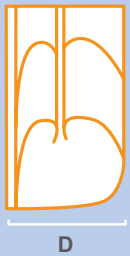


SLIP Gutter connectors

SLIP MITRE INSIDE/OUTSIDE







Dimensions:
A - 125
B - 68.3
C - 137
D - 174

Dimensions:
A - 300
B - 300
C - 137
D - 174

DOWNPIPES

Manufacturing

Pretreatment

Painting

Packaging

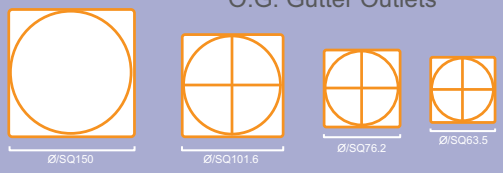
EXTRUDED ALUMINIUM DOWNPIPE

Domestic and Commercial

- Downpipes
- Brackets
- Cast Connector
- Offsets
- Y – Branches
- Shoes
- O.G. Gutter
- O.G. Gutter Brackets
- O.G. Gutter Connectors
- O.G. Gutter End Caps
- I/S & O/S Box Mitre
- I/S & O/S Angle Mitre
- O.G. Gutter Outlets

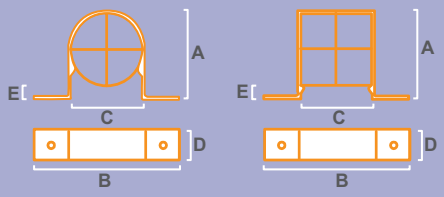
Round / Square Downpipes

Aluminium downpipes are available in 3m lengths



Round / Square Brackets

Ø / SQ	A	B	C	D	E
63.5 (2.5")	79	130	64	25	12
76.2 (3.0")	92	143	77	25	12
101.6 (4.0")	117	169	103	25	12



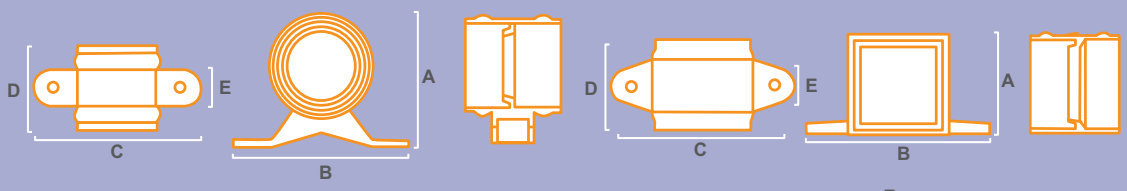
Adjustable Brackets manufactured to your specification.

Round Cast Connectors

Ø	A	B	C	D	E
63.5 (2.5")	99	150	77	75	33
76.2 (3.0")	118	158	86	86	33
101.6 (4.0")	148	183	117	102	33

Square Cast Connectors

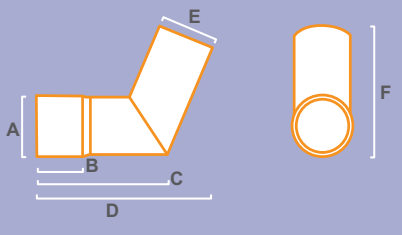
SQ	A	B	C	D	E
63.5 (2.5")	76	150	78	75	33
76.2 (3.0")	89	167	90	80	35
101.6 (4.0")	114	192	116	80	35



Offsets

Ø / SQ	Angle	A	B	C	D	E	F
63.5 (2.5")	112.5°	67	51	146	202	63.5	158
76.2 (3.0")	112.5°	81	51	154	210	76.2	172
101.6 (4.0")	112.5°	108	82	178	243	101.6	205

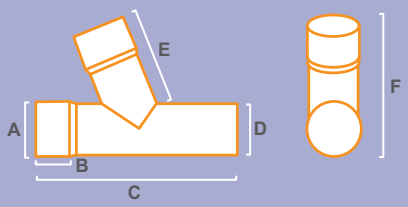
Other angles are available on request.



Y – Branches

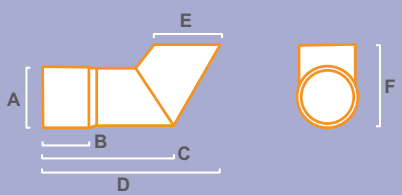
Ø / SQ	Angle	A	B	C	D	E	F
63.5 (2.5")	112.5°	67	51	303	63.5	100	159
76.2 (3.0")	112.5°	81	51	303	76.2	125	208
101.6 (4.0")	112.5°	108	82	372	101.6	155	254

Other angles are available on request.



Shoes

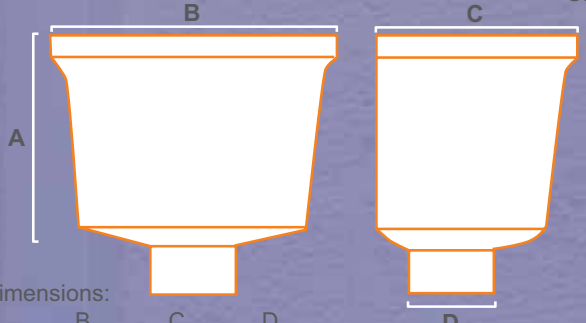
Ø / SQ	Angle	A	B	C	D	E	F
63.5 (2.5")	120°	67	51	135	186	63.5	96
76.2 (3.0")	120°	81	51	140	199	76.2	104
101.6 (4.0")	120°	108	82	170	244	101.6	130



HOPPERS

Fleur De Lys

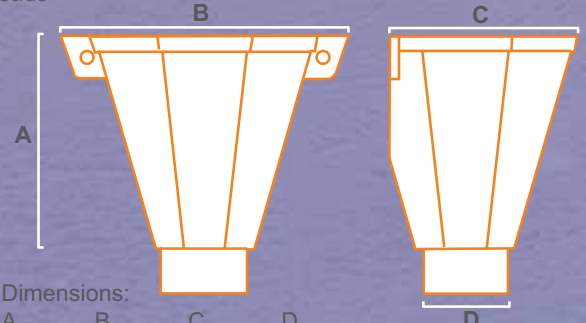
Half Head



Dimensions:

A	B	C	D
185	252.5	177	63.5/76.2 or 101.6

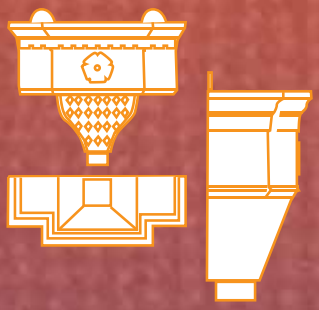
Standard Hopper Heads



Dimensions:

A	B	C	D
187	252.5	165	74

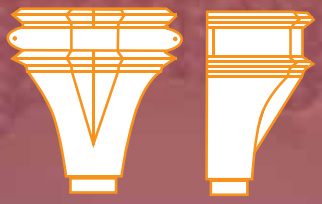
The Cheshire Hopper Head



Weight: 38 Lbs (17 Kgs)
Height: 19" (482 mm)

Width: 24" (620mm)
Depth: 6" (175 mm)
Width Overall: 9" (242 mm)
Available Spigots: 4" x 4" Square

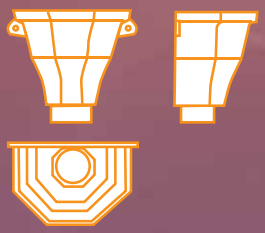
The Trent Hopper Head



Weight: 14 Lbs (6 kgs)
Height: 12" (325 mm)
Width: 14" (355 mm)
Depth: 9" (235 mm)

Outlet Sizes Available:
- 4" x 3" (100 x 76 mm)
as standard.

The Bellvue Hopper



Weight: 10 Lbs.
Height: 9" (230mm)
Width: 11"(280mm)
Depth: 8"(200mm)
Max. Width over lugs:-12_"(315mm)
Available with:-2_"(63mm), 3"(76mm), 4"(102mm)
Round outlet spigots.

The Bowden Hopper Head

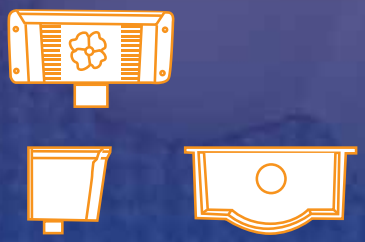
Weight: 28 Lbs. (12.4 Kgs)
Height: 20" (530mm)
Width: 19"(475mm)
Depth: 8"(202mm)

Available Spigots: 4x4" Square
Decorative Features Such as Dates. Emblems.
Logos Can Be Incorporated On Front Face.

The Pontefract Hopper Head

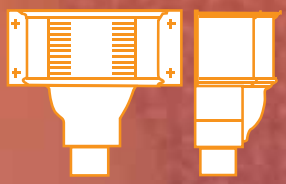
Weight: 17 Lbs (8 kgs)
Height: 13" (345 mm)
Width: 17" (445 mm)
Depth: 8" (205 mm)
Direct fix through back face.
Available widths: 4" x 3" Square Spigots
Decorative features such as dates, emblems, logos, can be incorporated on front face of hopper.

The Swinton Hopper Head



Overall Width: 12" (305 mm)
Overall Depth: 6 3/8" (162 mm)
Overall Height: 6 3/8" (162 mm)
Weight: 6 Lbs 6 Oz (2.9 kgs)
2", 3" Round Spigots

The Castleford Hopper Head



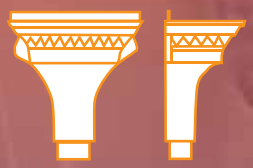
Large Bow Fronted Hopper

Weight: 17 lbs (7.7 kgs)
Height: (overall) 16" (410 mm)
Width: 14" (363 mm)
Depth: 8" (203 mm)
Max. width over lugs: 18" (465 mm)
Available spigot sizes

Small Bow Fronted Hopper

Weight: 8.6 lbs (4.4 kgs)
Height: 12" (305 mm)
Width: 10" (254 mm)
Depth: 6" (152 mm)
Max width over lugs: 13" (330 mm)
Available spigot sizes

The Rotherham Hopper Head

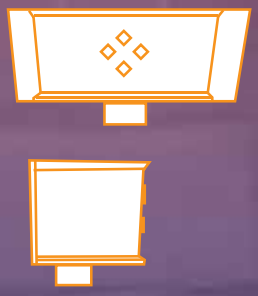


Weight: 13 Lbs (6 kgs)
Height: 14" (355 mm)
Width: 14" (355 mm)
Depth: 8" (255 mm)
Outlet Sizes Available: - 3" Round Spigots
4" x 3" Square Spigots
Note: Only 3" round sockets without ears can be used.

The Cheltenham Hopper Head

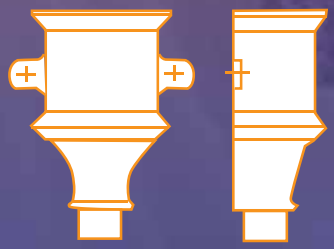
Weight: 15 Lbs (6.8 Kgs)
Height: 17" (445 mm)
Width: 8" (205mm)
Depth: 6" (150 mm)
Max. width overall: 17" (450 mm)
Available Width: 2", 3", 4" Round Spigots
3" x 3", 4" x 3", 4" x 4" Square Spigots
Decorative features such as dates, emblems, logos, can be incorporated on front face.

The Hallam Hopper Head



Weight: 9 Lbs (4.3 Kgs)
Maximum Overall Sizes:
Length: 15" (400 mm)
Width: 6" (175 mm)
Depth: 6" (160mm)
Available with either 2" dia. Or 3" dia. Outlet Spigots as standard.
Only available with diamond pattern on front face.

The Kingston Hopper Head



Weight: 19.5 Lbs (8.9 Kgs)
Height: 20" (510 mm)

Width: 12" (305mm)
Depth: 8" (203 mm)
Max. width over lugs: 16" (420 mm)
Available Spigot sizes:
4" x 4" (100 mm x 100 mm) Square
4" x 3" (100 mm x 75 mm) Rectangular
2", 3", 4" Dia. Round
Decorative features such as dates, emblems, logos, can be incorporated on front face of hopper.

Hopper Embellishments available.

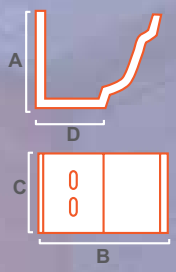
125x100 O.G. Gutter

125 x 100 O.G. Gutters are supplied in 3m lengths.
Unspecified thickness: 2.5 mm

O.G. Gutter Connectors

Dimensions:

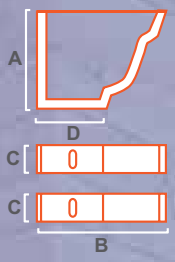
A	B	C	D
93	121	75	64



O.G. Gutter End Caps

Dimensions: (left and right)

A	B	C	D
93	121	25	64



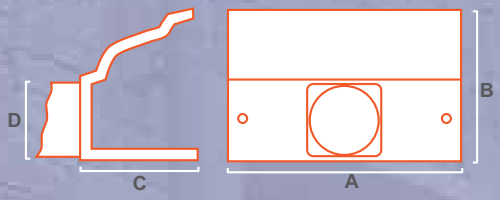
O.G. Gutter Bracket

Dimensions:

A	B	C
109	131	25

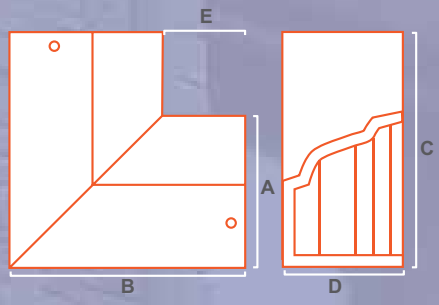
O.G. Gutter Outlets

Ø/SQ	A	B	C	D
	200	129	102	63.5 (2.5”) 76.2 (3.0”) 101.6 (4.0”)



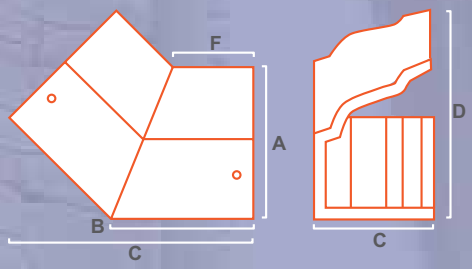
Box Mitre (90°)

Dimensions:	A	B	C	D	E
INSIDE Mitre	129	200	200	102	71
OUTSIDE Mitre	129	190	190	102	61



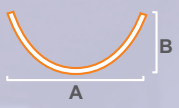
Angle Mitre (135°)

Dimensions:	A	B	C	D	E	F
INSIDE Mitre	129	121	207	177	102	68
OUTSIDE Mitre	129	125	213	178	102	71



Other angles are available on request.

Half Round Gutter



Dimensions:

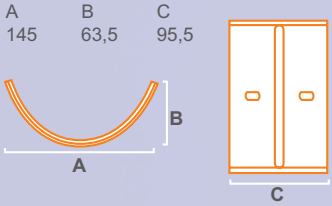
A	B
131	58

Half Round Gutters are supplied in 3m lenghts.
Unspecified thickness: 2.5mm

Half Round Gutter Connectors

Dimensions:

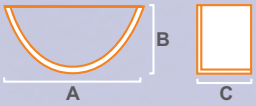
A	B	C
145	63,5	95,5



Half Round Gutter End Caps

Dimensions:

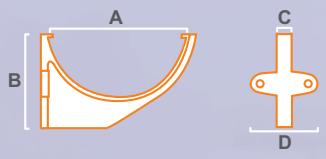
A	B	C
130	65	51



Half Round Gutter Bracket

Dimensions:

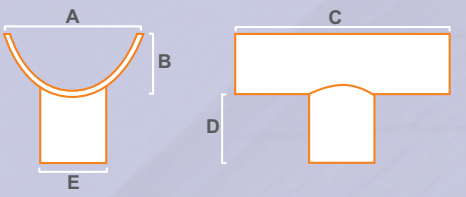
A	B	C	D
133	90	14	64



Half Round Gutter Outlets

Dimensions:

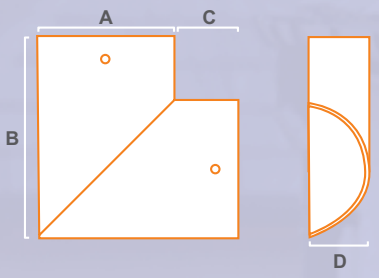
A	B	C	D	E Ø
133	58	206	67	63.5, 76.2 or 101.2



Half Round Mitre (90°)
INSIDE/OUTSIDE

Dimensions:

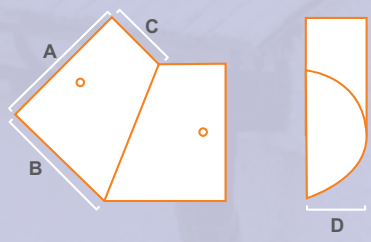
A	B	C	D
133	194	61.5	58



Half Round Mitre (135°)
INSIDE/OUTSIDE

Dimensions:

A	B	C	D
133	119	64.5	58



Other Angles made to order

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