



Guttermaster's high capacity Deep Run beaded profile is extruded from 3.0mm thick heavy gauge aluminium, producing an extremely strong, rigid gutter which exceeds all the relevant British standards requirements.

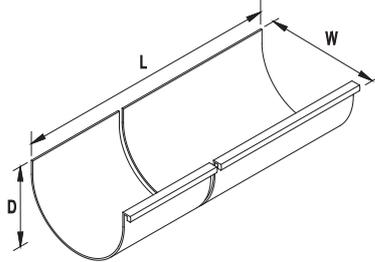
To enhance the hydraulic performance of the Deep run profile with its semi-circular sole, the joint is located outside the gutter, allowing maximum unbroken flow.

The pronounced "bead" on the top leading edge produces a gutter of classical elegance whilst affording continuous support against dead loads imposed by ice and snow or ladder weights.

Standard Gutter Length

Use maximum gutter length to minimise joints.

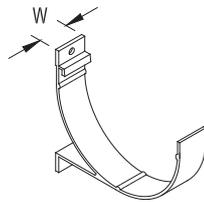
dim (mm)	Ref: DG/140
W	140
D	85
T	3
L	To 3000



Fascia Brackets

With built in support leg feature

dim (mm)	Ref: DBF/140
L	25
T	4



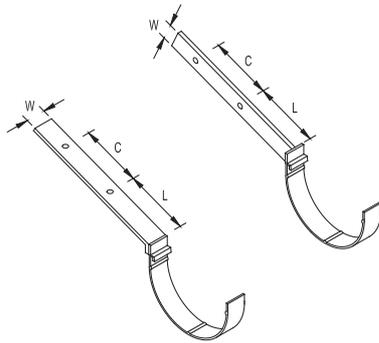
Rafter Brackets

SIDE FIXING

dim (mm)	Ref: DRS/140
L	100
C	100
W	30

TOP FIXING

dim (mm)	Ref: DRT/140
L	100
C	100
W	30

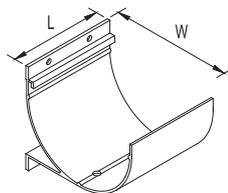


Please specify pitch of rafters/trusses.

Union Joints

With built in support leg feature

dim (mm)	Ref: DUJ/140
L	98
W	145



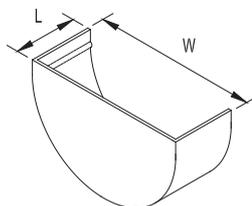
Stop Ends

LEFT HAND

dim (mm)	Ref: DSLH/140
L	49
W	142

RIGHT HAND

dim (mm)	Ref: DSRH/140
L	49
W	142



Left hand depicted

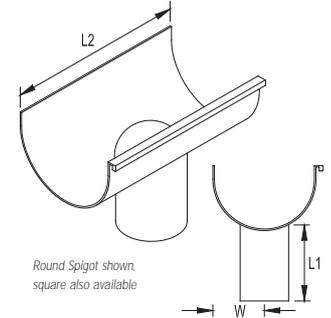
Special Features:

- High flow capacity.
- Allows a reduction in the number of rainwater pipes.
- Support incorporated into the joint union results in fewer fascia brackets.
- An economical alternative to traditional cast aluminium deep-run gutters.
- The  leg feature on brackets and union joints provides support in the severest of conditions, especially at joint positions.
- The  front lip feature provides continuous strength at the most vulnerable point and offers attractive "edge beading".

Running Outlets

Where deep fascia boards are to be used 'L1' can be increased. This should be noted when specifying.

dim (mm)	Ref: DRO/140
L1	100
L2	300
W	67



Spigots can be fitted to suit all sizes of rainwater pipes except 150 Ø or 150 square rainwater pipes.

Angles

Where θ is 90°

EXTERNAL ANGLE

dim (mm)	Ref: DEX90/140
L	290

INTERNAL ANGLE

dim (mm)	Ref: DIN90/140
L	290

Where θ is 135°

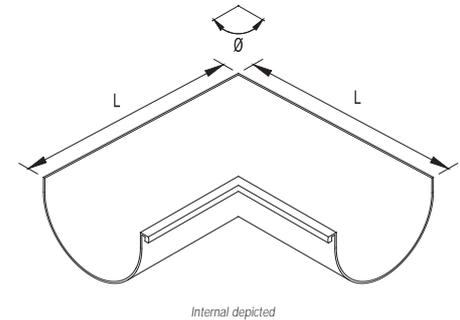
EXTERNAL ANGLE

dim (mm)	Ref: DEX45/140
L	208

INTERNAL ANGLE

dim (mm)	Ref: DIN45/140
L1	208

Angles are available in standard 90° & 135° (θ), non-standard angles can also be supplied.



FIXING THE GUTTER

Position the outlets to line up with drain location. Fix the outlets to the fascia board through the holes provided. Similarly, fix angles and stop ends. Set a line between the angles and outlets or stop ends, and fix gutter lengths at 1,000mm centres. Since each external union joint also provides a fixing, only two fascia brackets per 3,000mm gutter length are required to give fixings at 1,000mm centres. Fascia brackets and unions should be secured to the fascia board using No.10 x 25mm zinc plated or stainless steel roundhead twin-threaded woodscrews.

SEALING THE JOINTS

Ensure both surfaces of the gutter joint are clean - Guttermaster recommends the use of loctite 7063 Cleaner. Apply low modulus neutral cure silicone to BS5889 (type A) in 6mm diameter continuous beads around the full girth of the union. Set gutters 3mm apart (to allow thermal movement) and insert into the union clip. Secure aluminium bolts using 22mm diameter aluminium washer and nuts (provided by Guttermaster). The spacers in the joint will offer resistance when the bolts are tight enough - DO NOT OVERTIGHTEN. Smear sealant around exposed threads of bolts. Remove excess sealant. Allow 24 hours for partial cure.

FURTHER INFORMATION CAN BE FOUND IN INSTRUCTION SHEET REF. IS-DG1, AVAILABLE ON REQUEST