

HALIFAX

SOIL & DRAIN



Hargreaves
Foundry
Drainage



DN	Weight (kg)
100	4.3
150	6.4
200	9
250	12.5
300	17
350	22
400	28
450	35
500	43



Cast iron mechanically jointed system

Fully compliant with BS EN 877:1999 + A1:2006

PRODUCT TABLES



KM 684754
BS EN 877



Hargreaves Foundry was established in 1881. We are specialist iron founders and manufacture cast iron products for a range of industries. Hargreaves Foundry Group consists of two operating arms;

Hargreaves Foundry

A traditional iron foundry manufacturing cast iron products

Hargreaves Foundry Drainage

Hargreaves Foundry Drainage is one of the country's leading manufacturers and suppliers of cast iron drainage products for above and below ground. These range from traditional rainwater and soil products through to modern, socketless, above and below ground systems that meet international standards and carry third party certification. What sets us apart from other suppliers is our ability to make bespoke items in addition to our extensive standard ranges.

Sales

Tel: 0330 2231731

Email: sales@guttercentre.co.uk

Technical

Tel: 0330 2231731

Email: sales@guttercentre.co.uk

www.guttercentre.co.uk

This document provides the most up-to date information with regard to our Halifax Soil and Drain product listing.

Hargreaves Foundry Drainage Ltd. have taken care in the preparation of this document but makes no expressed or implied warranty of any kind. No liability is assumed for incidental or consequential damages in connection with or arising out of the use of the information contained herein.

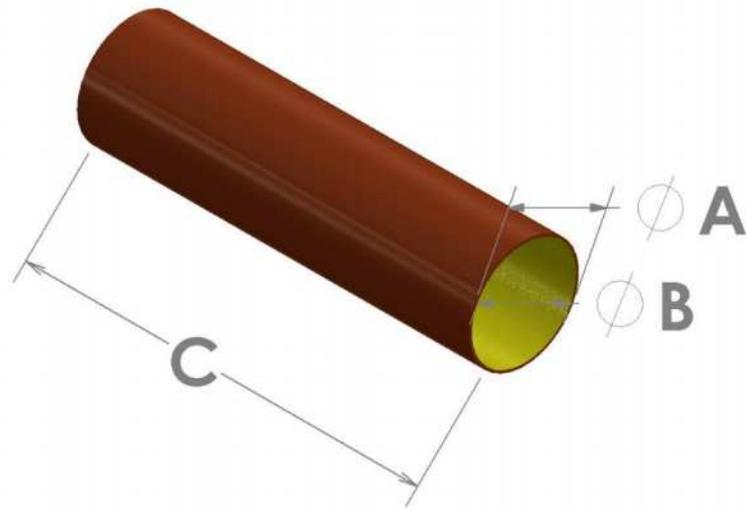
Contents

Halifax Soil	3
Pipes	3
Couplings.....	4
Short Radius bends	5
Long Radius Bends	8
Access Bends	9
Long Tail Bend	10
Single Branches	11
Access Branch	13
Double Branches	14
Single - Long-Tail Branches	16
Corner Branches	17
Access Pipes	18
Offsets.....	19
Pipe Tapers	19
Traps.....	20
Blank Ends	21
Boss pipes.....	22
Manifold Connector.....	25
Brackets, Connectors & Stack Supports	26
Halifax Drain	34
Pipes	34
Couplings.....	34
Short Radius Bends	35
Long Radius bends	37
Medium Radius Bends	39
Single Branches	40
Double Branches	42
Access pipes	44
Pipe Tapers	45
Traps.....	45
Blank Ends	46
Gullies, Grates & Covers.....	47
Puddle Flanges	49
Inspection Chambers	50
Brackets	53

Halifax Soil

Pipes

Double Spigot Pipe



Product Code	Nominal Dia	A Max (OD)	B Min (ID)	Length C	Nom Wt (kg)
HS2001	50	60	47.5	3000	14.6
HS3001	70	80	68.25	3000	19.8
HS4001	100	112	97.5	3000	25.6
HS6001	150	162	146.25	3000	41
HS8001	200	212.5	195	3000	68

Couplings

Rapid Connect Coupling



Product Code	Nominal Dia	D	w	H	Max Torque (Nm)	Nom Wt (kg)
HS2002*	50	70	40	80	Tight Locking	0.05
HS3002*	70	90	40	100	Tight Locking	0.07
HS4002*	100	125	46	135	Tight Locking	0.11
HS6002*	150	172	55	187	Tight Locking	0.17
HS8002*	200	227	70	244	Tight Locking	0.48

*Not covered by Kitemark certificate

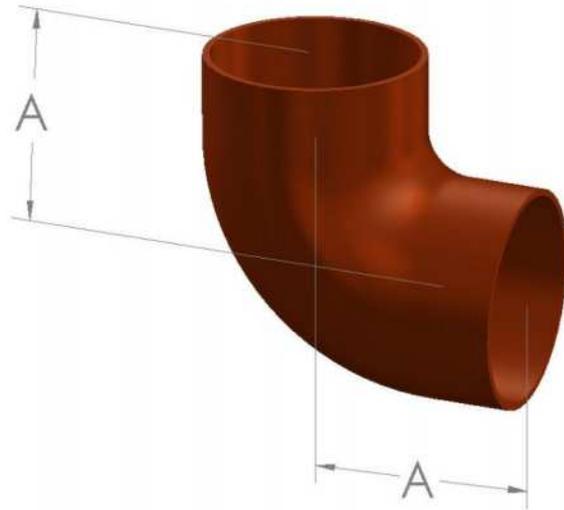
Ductile Iron Coupling



Product Code	Nominal Dia	A	B	C	Max Torque (Nm)	Nom Wt (kg)
HS2012	50	117	79	69	15	0.7
HS3012	70	137	100	73	15	1
HS4012	100	172	132	73	15	1.2
HS6012	150	223	180	95	15	2.1
HS8012	200	283	240	95	15	3.3

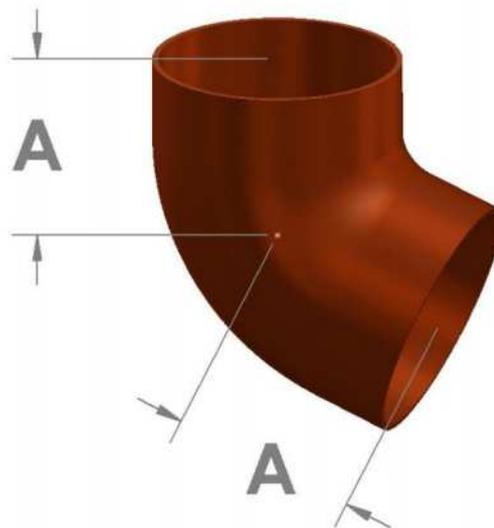
Short Radius bends

88 deg. Short Radius Bend



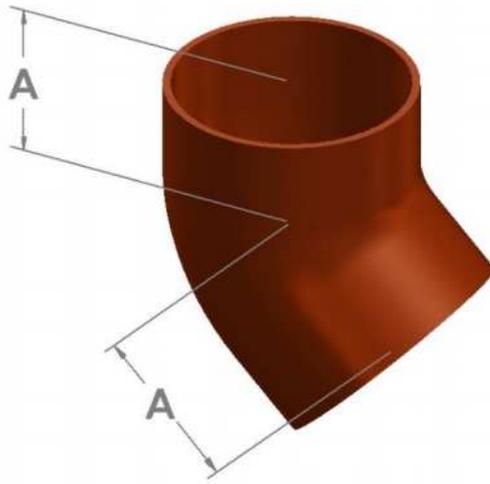
Product Code	Nominal Dia	A	Nom Wt (kg)
HS2003	50	75	0.6
HS3003	70	90	1.1
HS4003	100	110	2.5
HS6003	150	145	4.6
HS8003	200	180	9.2

69 deg. Short Radius Bend



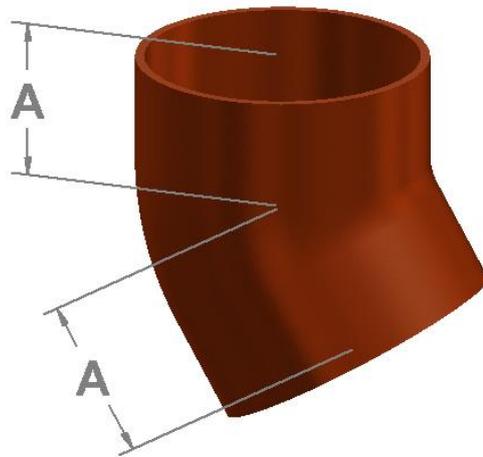
Product Code	Nominal Dia	A	Nom Wt (kg)
HS2004	50	65	0.6
HS3004	70	75	0.9
HS4004	100	90	2.1
HS6004	150	120	4.6

45 deg. Short Radius Bend



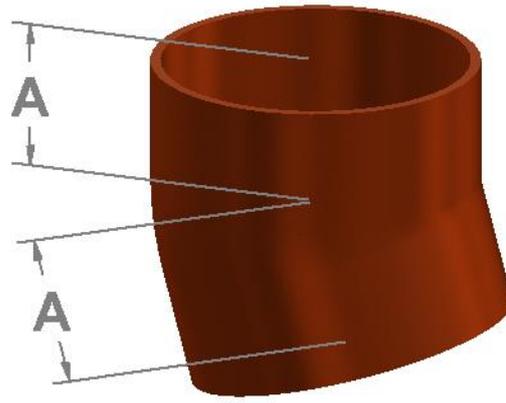
Product Code	Nominal Dia	A	Nom Wt (kg)
HS2005	50	50	0.5
HS3005	70	60	0.9
HS4005	100	70	1.5
HS6005	150	90	3.3
HS8005	200	110	5.8

30 deg. Short Radius Bend



Product Code	Nominal Dia	A	Nom Wt (kg)
HS2006	50	45	0.4
HS3006	70	50	1.1
HS4006	100	60	1.5
HS6006	150	80	3.2

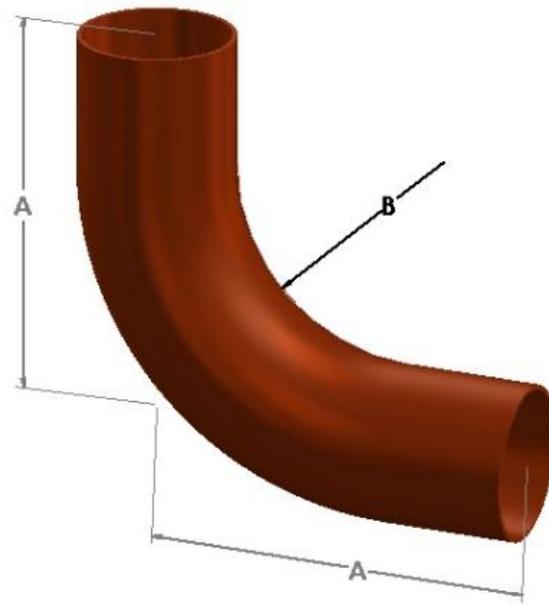
15 deg. Short Radius Bend



Product Code	Nominal Dia	A	Nom Wt (kg)
HS2007	50	40	0.4
HS3007	70	45	0.7
HS4007	100	50	1
HS6007	150	65	2.5

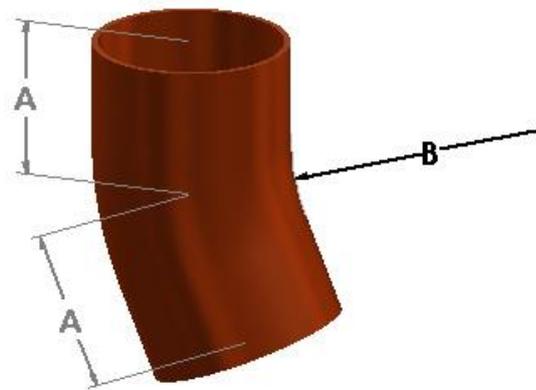
Long Radius Bends

88 deg. Long Radius Bend



Product Code	Nominal Dia	A	B	Nom Wt (kg)
HS4008	100	269	180	4.8
HS6008	150	274	150	8.2

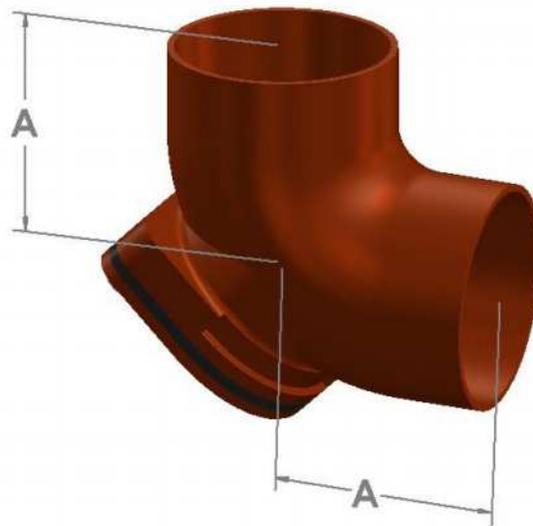
22 deg. Long Radius Bend



Product Code	Nominal Dia	A	B	Nom Wt (kg)
HS4009	100	90	180	1.8

Access Bends

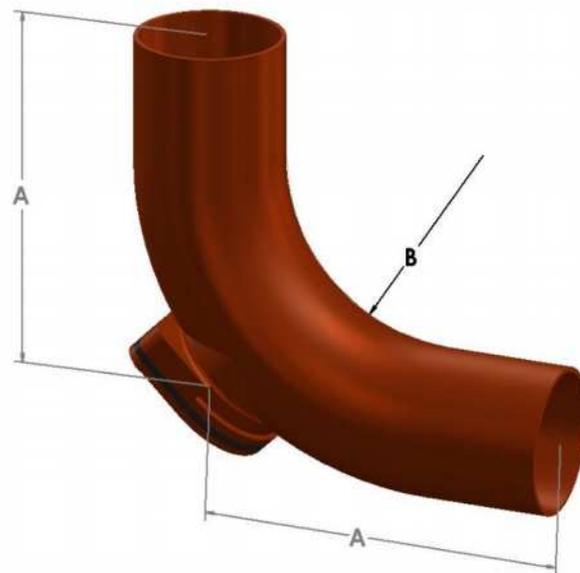
88 deg. Short Radius Bend - Door Back



Product Code	Nominal Dia	A	Nom Wt (kg)
HS3010*	70	90	2.1
HS4010	100	110	3.7

*HS3010 not covered by BBA certificate

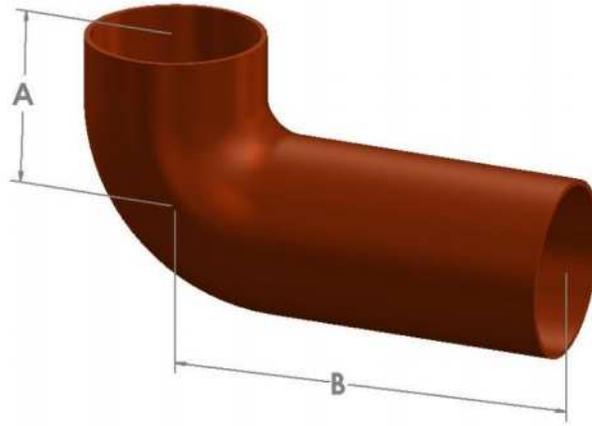
88 deg. Long Radius Bend - Door Back



Product Code	Nominal Dia	A	B	Nom Wt (kg)
HS4011	100	269	180	6.4
HS6011	150	274	150	10.7

Long Tail Bend

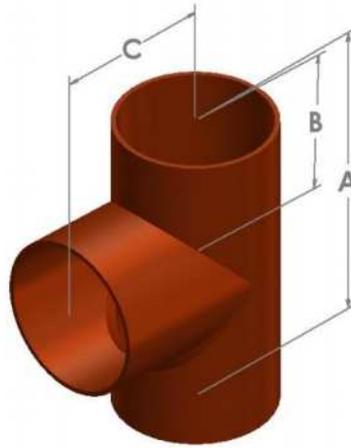
88 deg. Bend - Long Tail



Product Code	Nominal Dia	A	B	Nom Wt (kg)
HS4013	100	110	250	3.5

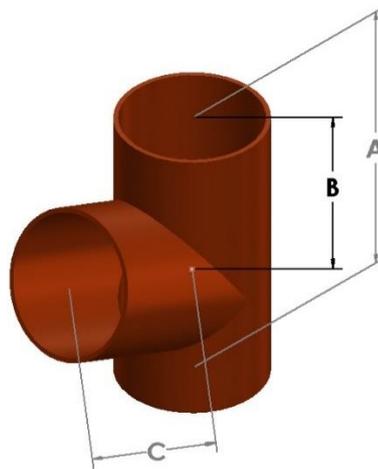
Single Branches

88 deg. Single Equal and Unequal Branch



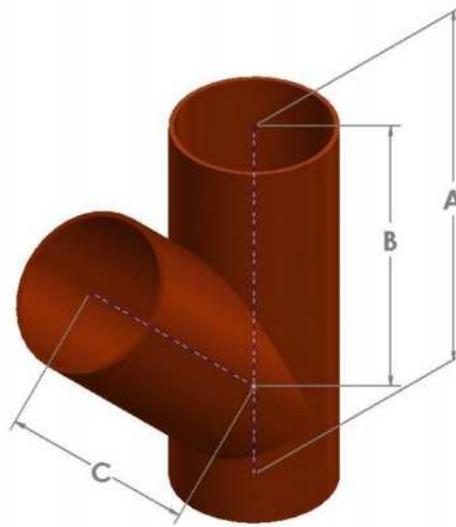
Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS2020	50x50	145	66	80	1
HS3020	70x50	155	72	90	1.4
HS3021	70x70	180	83	95	1.6
HS4020	100x50	170	76	105	1.9
HS4021	100x70	190	88	110	2.2
HS4022	100x100	220	105	115	2.9
HS6020	150x100	245	115	145	5.1
HS6021	150x150	300	142	155	6.8
HS8020	200x200	380	180	200	13.4

69 deg. Single Equal and Unequal Branch



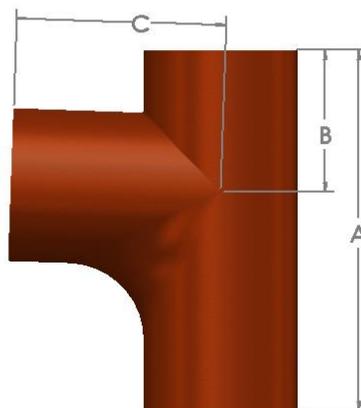
Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS2023	50x50	135	80	80	1
HS3023	70x50	145	90	90	1.3
HS3024	70x70	170	100	100	1.6
HS4023	100x50	155	100	110	2
HS4024	100x70	180	100	120	2.4
HS4025	100x100	215	130	130	3
HS6023	150x100	235	150	155	4.4

45 deg. Single Equal and Unequal Branch



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS2026	50x50	187	135	134	1.3
HS3026	70x50	170	130	130	1.5
HS3027	70x70	200	145	150	2
HS4026	100x50	203	150	150	2.6
HS4027	100x70	215	170	170	2.8
HS4028	100x100	275	206	210	4.3
HS6026	150x100	294	231	231	6.4
HS6027	150x150	355	265	265	9
HS6028	150x70	235	205	205	4.9
HS8026	200x100	300	260	260	9.1
HS8027	200x150	375	300	300	13.2
HS8028	200x200	455	340	340	16.8

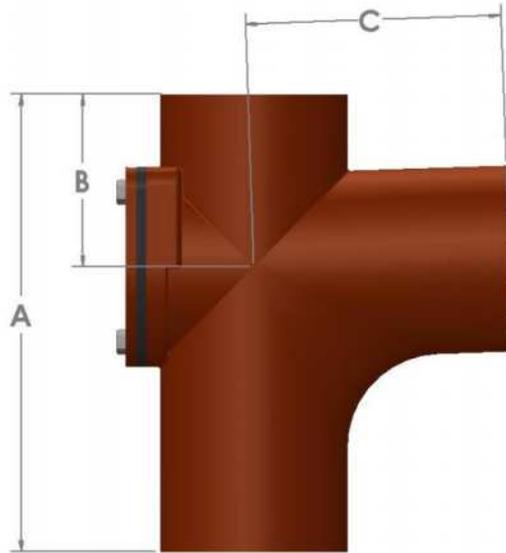
88 deg. Single Branch - Radius curve



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4030	100x100	260	102	150	3.5
HS6030	150x100	375	157	230	8
HS6031	150x150	400	140	260	12

Access Branch

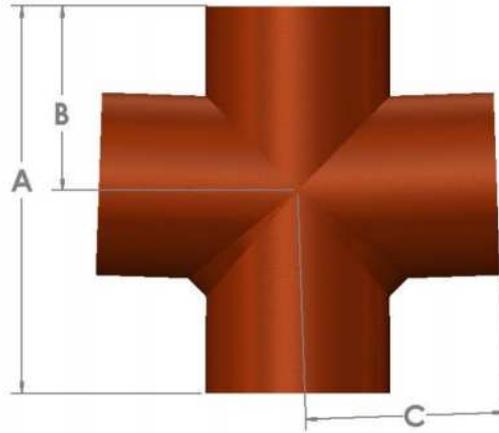
88 deg. Single Branch - Radius curve with access



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4032	100x100	270	102	150	5.4
HS6032	150x100	300	117	202	9.5
HS6033	150x150	400	140	260	14.2

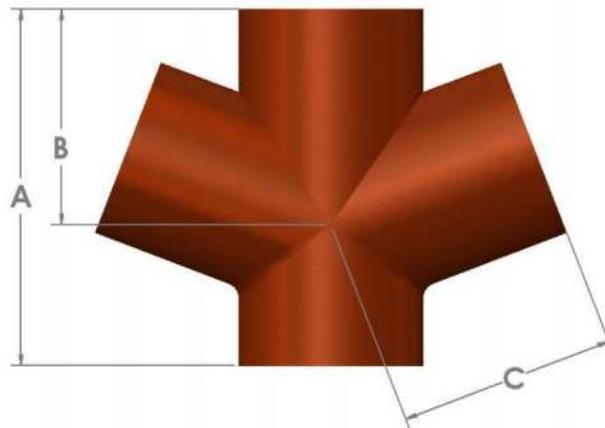
Double Branches

88 deg. Double Branch



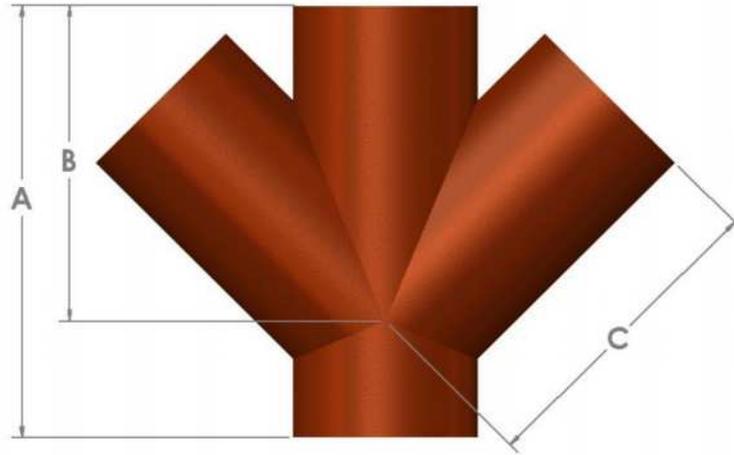
Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4034	100x100	233	111	119	3.6

69 deg. Double Branch



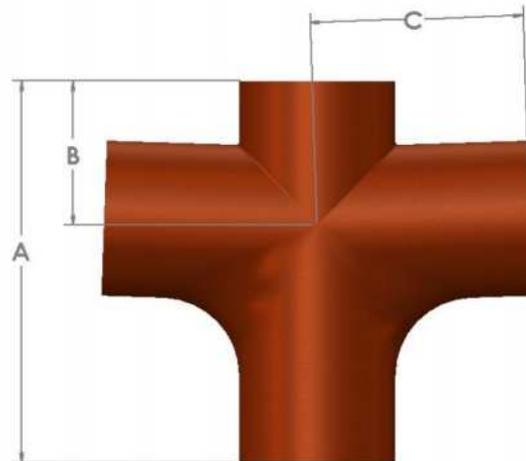
Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4035	100x100	215	130	130	4.1

45 deg. Double Branch



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4036	100x100	260	190	190	5.5
HS6036	150x100	280	225	225	6.5
HS6037	150x150	355	265	265	12.5
HS8036	200x200	455	340	340	23.7

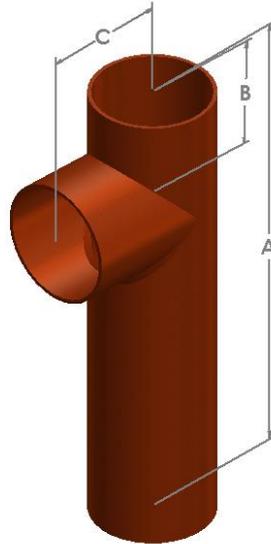
88 deg. Double Branch - radius curve



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4038	100x100	270	102	150	5
HS6038	150x100	300	115	200	9.3

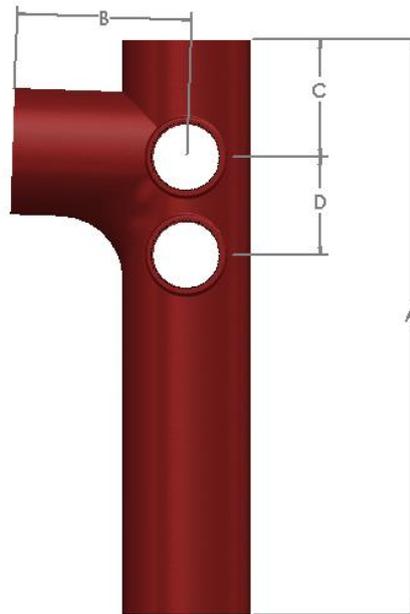
Single - Long-Tail Branches

88 deg. Single Branch - long tail



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4040	100x100	430	105	115	5.2

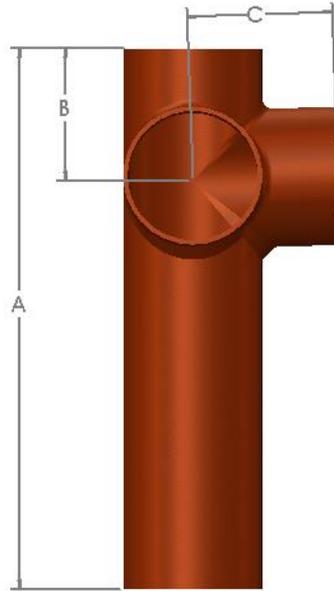
88 deg. Long tail 4 Boss Branch



Product Code	Nominal Dia	A	B	C	D	Nom Wt (kg)
HS4059	100x100	500	150	102	85	5.7

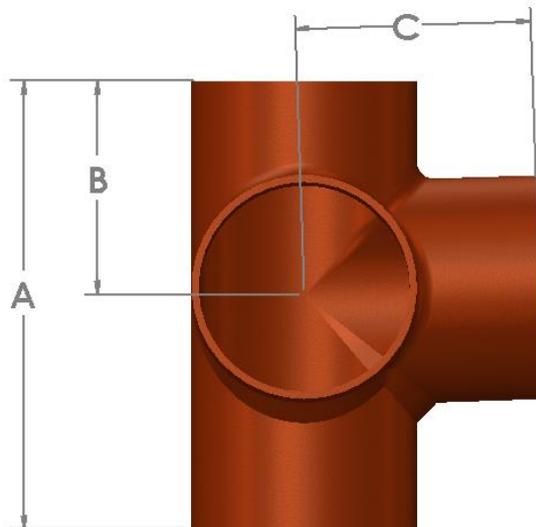
Corner Branches

88 deg. Corner Branch - long tail



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4041	100x100	430	105	115	6.5

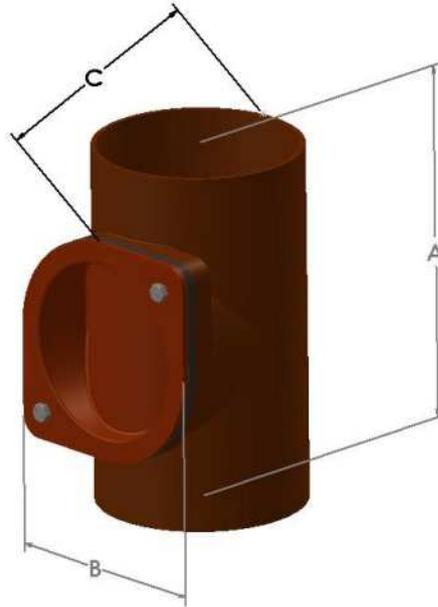
88 deg. Corner Branch - short tail



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4042	100x100	220	105	115	4

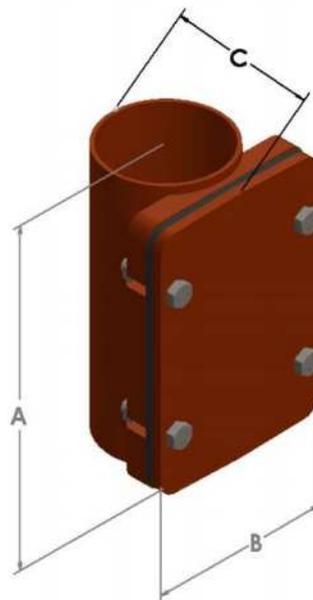
Access Pipes

Access pipe - round door



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS2043	50	170	80	76	2
HS3034	70	205	98	92	2.4
HS4043	100	250	118	130	4
HS6043	150	280	172	180	7.3

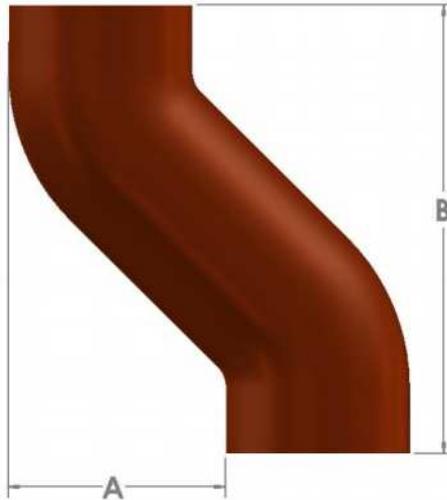
Access pipe - rectangular door



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS4049	100	320	160	130	7.9
HS6049	150	395	215	185	13.1
HS8049	200	465	260	233	23.8

Offsets

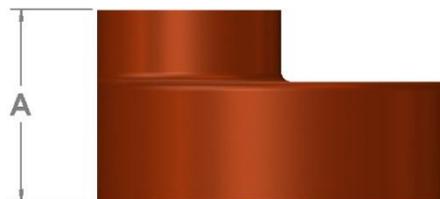
Offset



Product Code	Nominal Dia	A	B	Nom Wt (kg)
HS4044	100	75	215	2.4
HS2045	50	130	230	1.4
HS3045	70	130	250	2.5
HS4045	100	130	270	3.4

Pipe Tapers

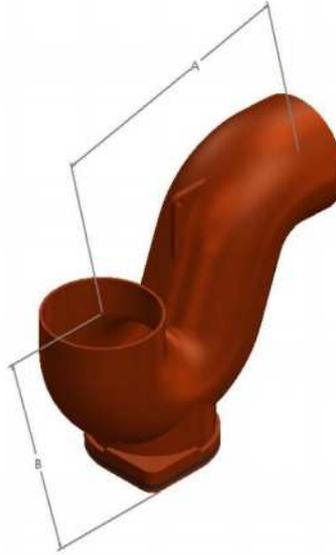
Pipe Taper



Product Code	Nominal Dia	A	Nom Wt (kg)
HS3046	70x50	78	0.7
HS4046	100x50	80	0.8
HS4047	100x70	88	0.9
HS6046	150x50	102	2
HS6047	150x70	100	2
HS6048	150x100	102	1.9
HS8046	200x100	115	4
HS8047	200x150	125	3.4

Traps

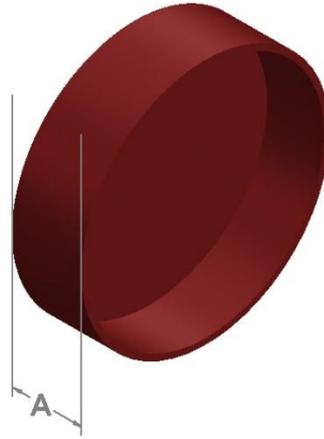
Trap - with bottom access



Product Code	Nominal Dia	A	B	Nom Wt (kg)
HS2050	50	160	115	2.3
HS3050	70	200	140	4
HS4050	100	255	175	6.2
HS6050	150	350	245	9.9

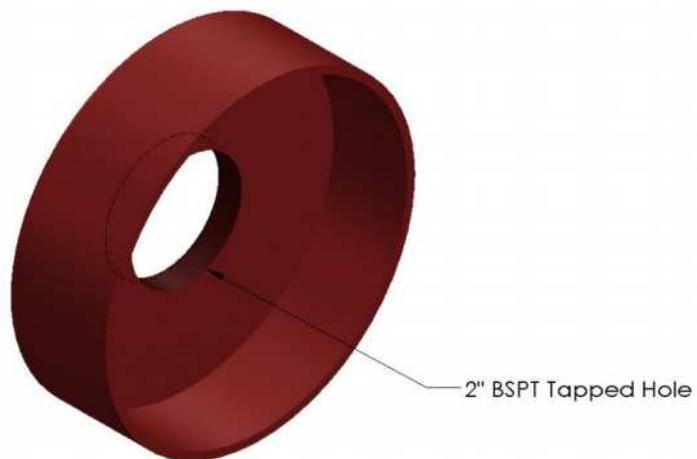
Blank Ends

Blank end



Product Code	Nominal Dia	A	Nom Wt (kg)
HS2051	50	30	0.3
HS3051	70	35	0.7
HS4051	100	40	0.9
HS6051	150	50	1.6
HS8051	200	60	3

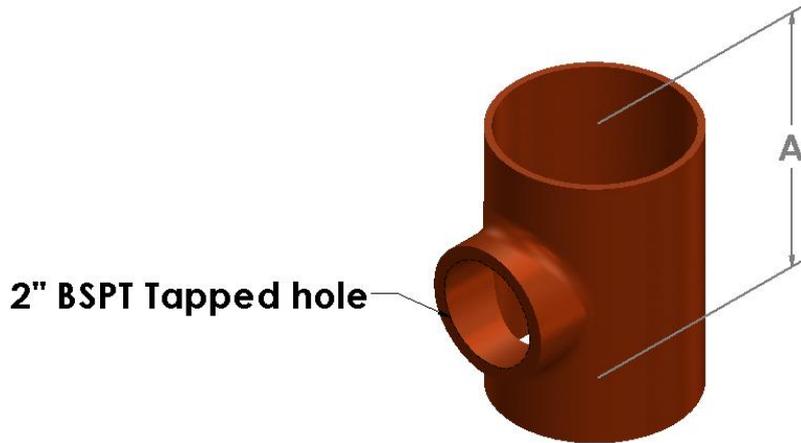
Blank end - drilled and tapped



Product Code	Nominal Dia	A	Nom Wt (kg)
HS4052	100	40	0.7
HS6052	150	50	1.7

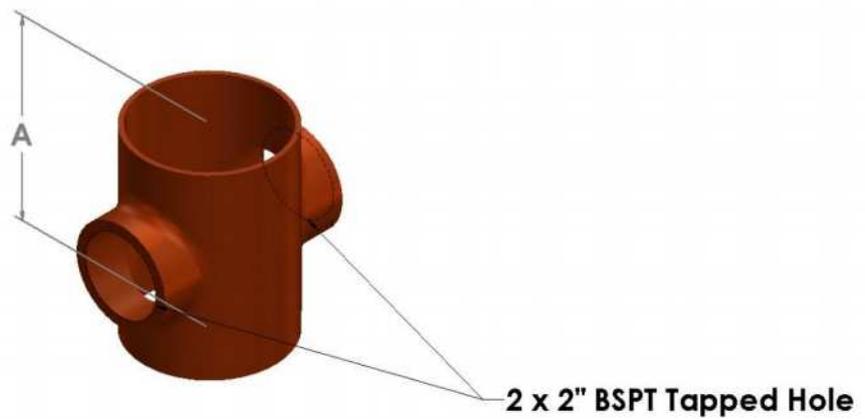
Boss pipes

Single Boss Pipe 2" BSPT



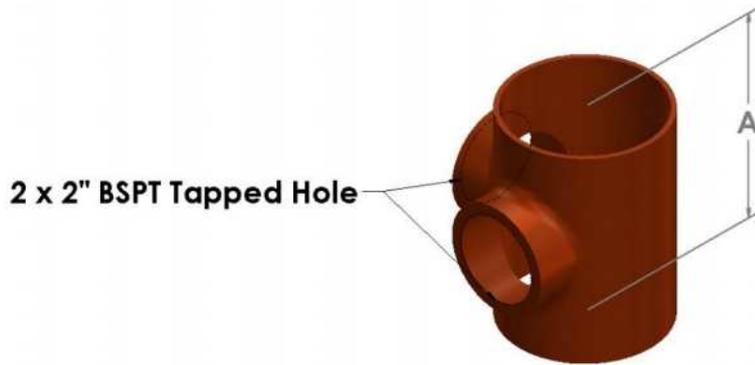
Product Code	Nominal Dia	A	Nom Wt (kg)
HS3053	70	148	1.4
HS4053	100	155	1.9
HS6053	150	175	3.6

Double Boss Pipe 2 x 2" BSPT - Opposed



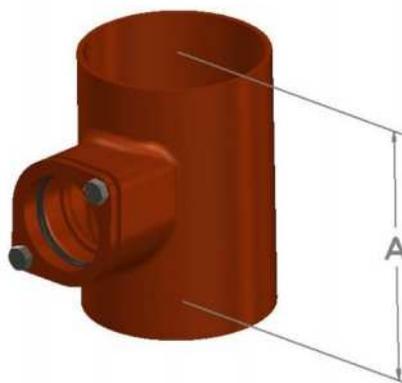
Product Code	Nominal Dia	A	Nom Wt (kg)
HS4054	100	155	1.9

Double Boss Pipe 2 x 2" BSPT - at 90°



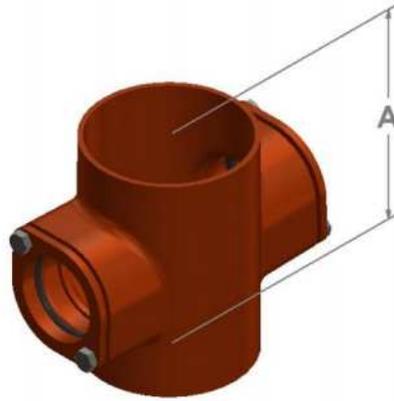
Product Code	Nominal Dia	A	Nom Wt (kg)
HS4055	100	155	2

Single Compression Fit Boss Pipe



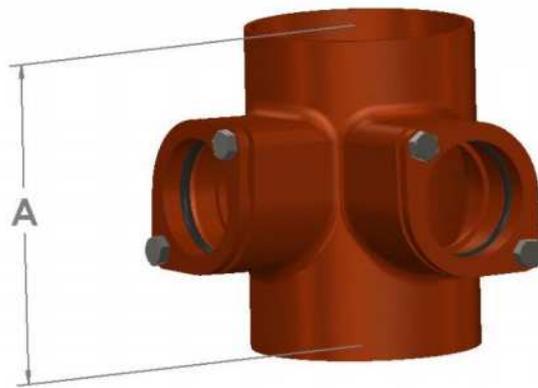
Product Code	Nominal Dia	A	Nom Wt (kg)
HS3090	70	148	1.7
HS4090	100	155	2.2
HS6090	150	175	4

Double Compression Fit Boss Pipe - Opposed



Product Code	Nominal Dia	A	Nom Wt (kg)
HS4092	100	155	2.8

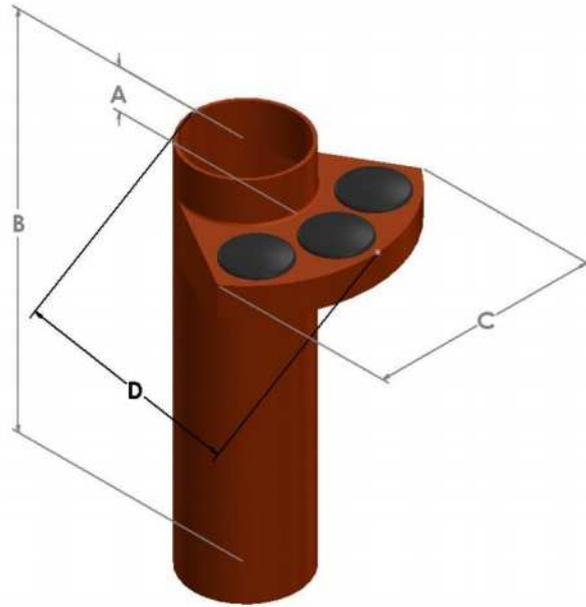
Double Compression Fit Boss Pipe - at 90°



Product Code	Nominal Dia	A	Nom Wt (kg)
HS4091	100	155	2.8

Manifold Connector

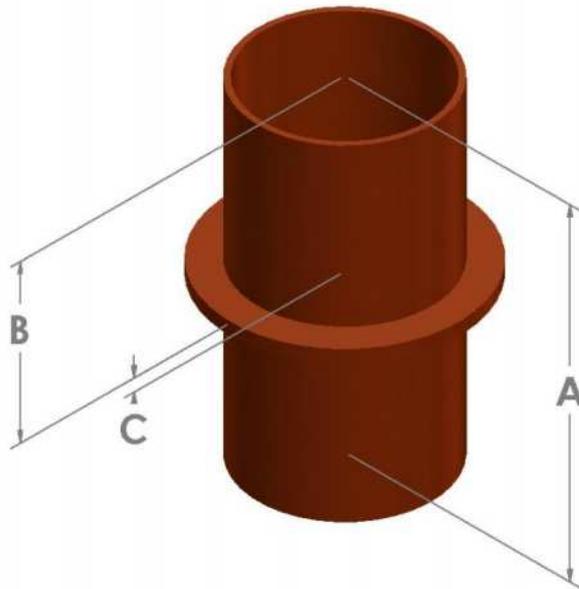
Manifold Connector



Product Code	Nominal Dia	A	B	C	D	Nom Wt (kg)
HS4058	100	42	396	218	190	5.5

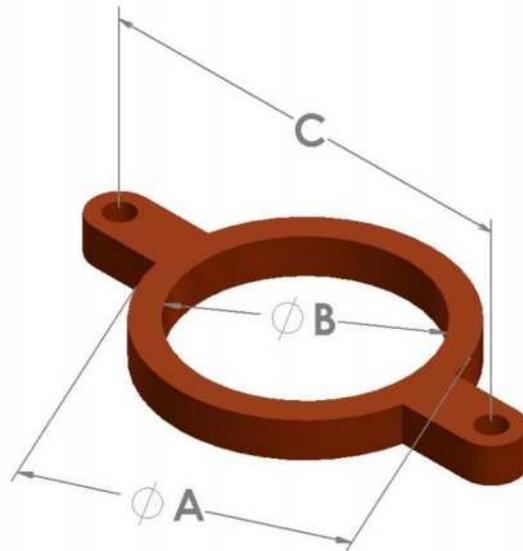
Brackets, Connectors & Stack Supports

Stack support pipe



Product Code	Nominal Dia	A	B	C	Nom Wt (kg)
HS3056	70	202	102	8	1.7
HS4056	100	202	102	8	2.3
HS6056	150	202	102	8	4
HS8056	200	210	102	8	6.5

Stack support pipe bracket



Product Code	Nominal Dia	A	B	C	D	Nom Wt (kg)
HS3057	70	106	85	170	20	0.8
HS4057	100	145	117	214	20	1.3
HS6057	150	195	167	255	20	2.1
HS8057	200	245	218	310	20	2

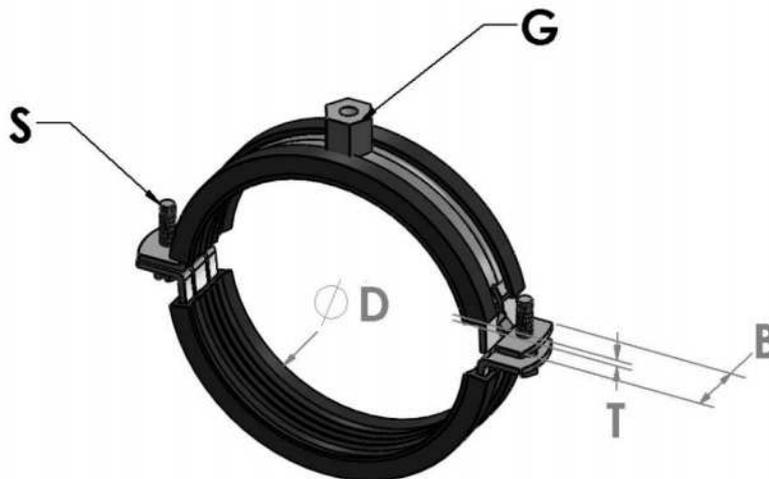
Halifax Grip



Product Code	Nominal Dia	Nom Wt (kg)
HS2060*	50	0.38
HS3060*	70	0.52
HS4060*	100	0.7
HS6060*	150	0.9
HS8060*	200	2.8

*Not covered by EN877 standard, Kitemark or Agrément certificate

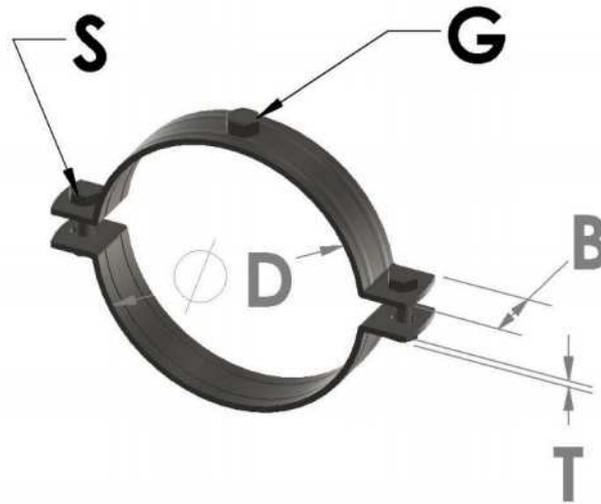
Halifax Bismat bracket



Product Code	Nominal Dia	D	G (dia)	S (dia)	B x T	Safe Load Fa,z (N)	Nom Wt (kg)
HS2061*	50	58-63	M8/M10	M6	20 x 1.25	800	0.09
HS3061*	70	73-80	M8/M10	M6	23 x 2.0	520	0.12
HS4061*	100	108-114	M8/M10	M6	25 x 2.5	935	0.18
HS6061*	150	159-168	M10	M8	25 x 3.0	1220	0.45
HS8061*	200	210 - 219	M10	M8	25 x 3.0	1220	0.68

*Not covered by EN877 standard, Kitemark or Agrément certificate

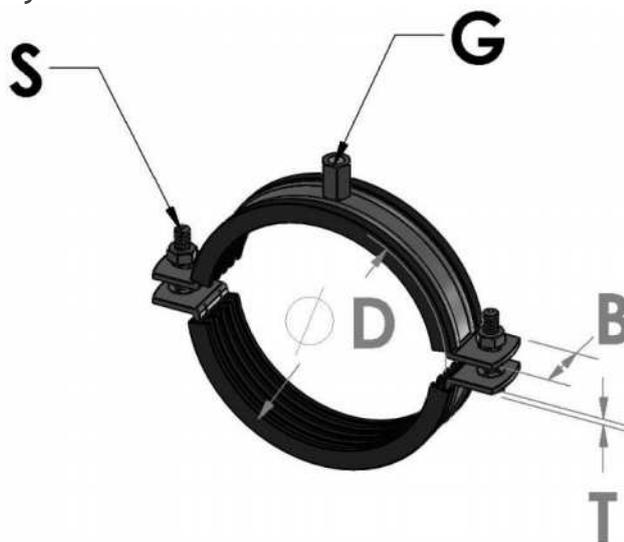
Halifax Heavy duty bossed bracket unlined



Product Code	Nominal Dia	G (dia)	D	S (dia)	B x T	Safe Load Fa,z (N)	Nom Wt (kg)
HS2063*	50	M8/M10	59-65	M6	20 x 1.25	950	0.06
HS3063*	70	M10/M12	79-85	M8	30 x 3.0	1400	0.19
HS4063*	100	M10/M12	108-116	M8	30 x 3.0	4000	0.25
HS6063*	150	M10/M12	159-169	M10	38 x 4.0	8200	0.78
HS8063*	200	M10/M12	203-213	M10	38 x 4.0	8200	1.05

*Not covered by EN877 standard, Kitemark or Agrément certificate

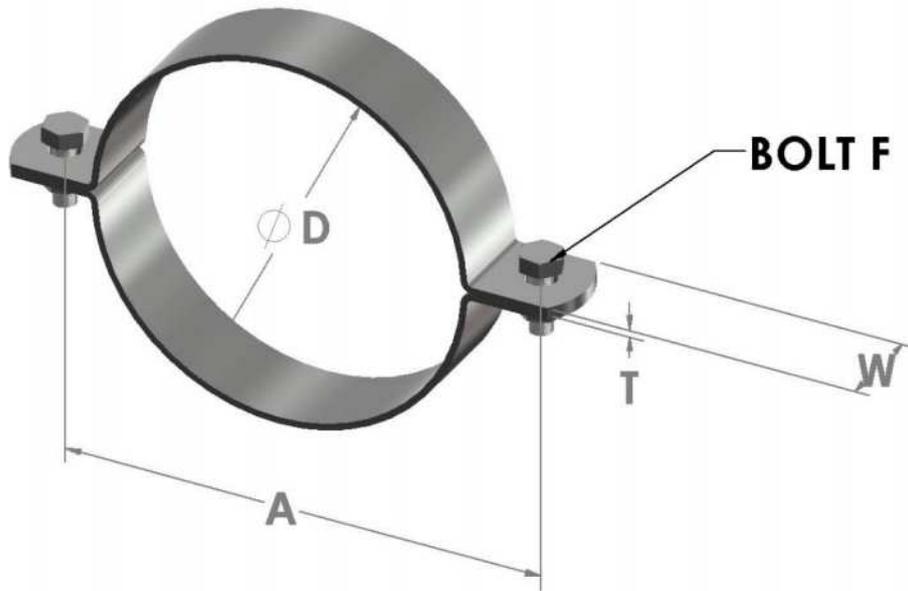
Halifax Heavy duty bossed bracket lined



Product Code	Nominal Dia	G (dia)	D	S (dia)	B x T	Safe Load Fa,z (N)	Nom Wt (kg)
HS2064*	50	M8/M10	59-64	M8	30 x 2.5	1500	0.28
HS3064*	70	M10/M12	79-85	M8	30 x 3.0	2300	0.38
HS4064*	100	M10/M12	108-116	M8	30 x 3.0	2300	0.45
HS6064*	150	M10/M12	159-169	M10	38 x 4.0	3800	0.84
HS8064*	200	M12	203-213	M10	38 x 4.0	3800	1.15

*Not covered by EN877 standard, Kitemark or Agrément certificate

Halifax Split Band Clip



Product Code	Nominal Dia	A	WxT	D (mm)	Bolt F	Nom Wt (kg)
HS2065*	50	110	30x3	56	M10X30	0.24
HS3065*	70	129	30x3	77	M10X30	0.29
HS4065*	100	168	40x3	109	M10X30	0.33
HS6065*	150	225	40x3	159	M12x40	0.61
HS8065*	200	282	40x5	212	M12x40	1.15

*Not covered by EN877 standard, Kitemark or Agrément certificate

Halifax Fix Connector



Product Code	Dia	Nom Wt (kg)
HS2068*	50	0.09
HS3068*	70	0.19
HS4068*	100	0.27

*Not covered by EN877 standard, Kitemark or Agrément certificate

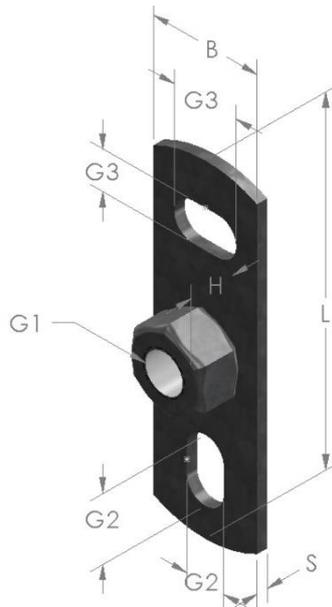
Halifax High Performance Coupling



Product Code	Dia	Bolt Size	Width (mm)	Nom Wt (kg)
HS2069*	50	M8	88	0.85
HS3069*	70	M10	88	0.95
HS4069*	100	M10	88	1.41
HS6069*	150	M12	115	3.15
HS8069*	200	M16	120	6.8

*Not covered by Kitemark or Agrément certificate

Wall Plate: Type 670



Product Code	G1	H (mm)	A (mm)	B x s (mm)	L (mm)	G2 (mm)	G3 (mm)	Safe Load (N)	Nom Wt (kg)
HSD6702*	M10	10	50	25 x 3.0	80	15 x 8.5	15 x 8.5	2500	0.05
HSD6711*	M10	10	100	38 x 4.0	145	30 x 11	25 x 11	3500	0.15

*Not covered by EN877 standard, Kitemark or Agrément certificate

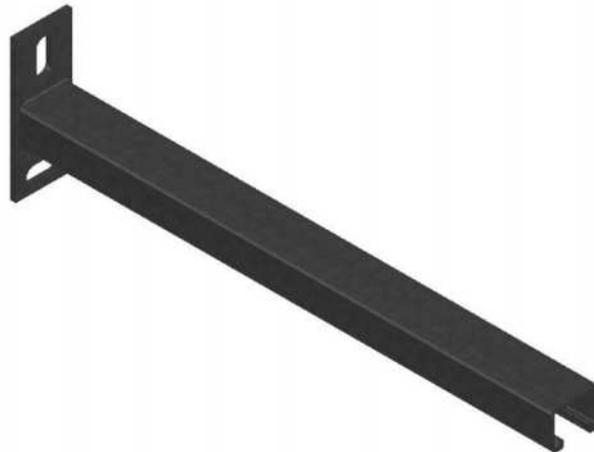
Thread Adaptor



Product Code	G1 (male)	G2 (female)	Nom Wt (kg)
HSD10/12*	M10	M12	0.03

*Not covered by EN877 standard, Kitemark or Agrément certificate

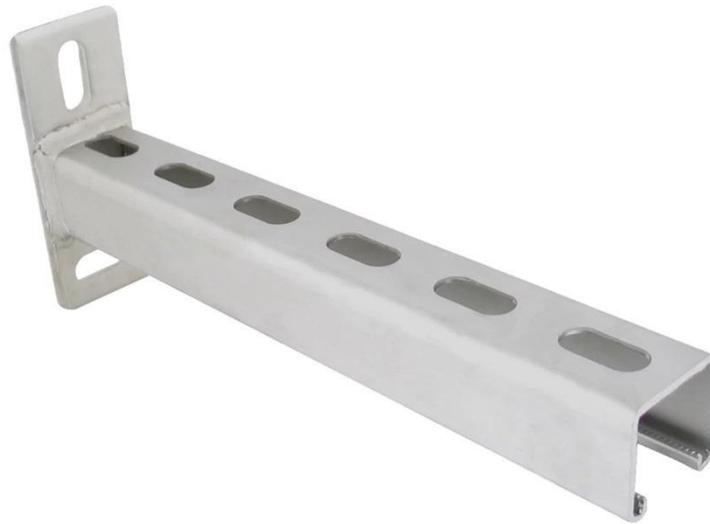
Galvanised Cantilever Arms



Product Code	Length (mm)	Strut (mm)	Max Load (N)	Nom Wt (kg)
HSD1830*	300	41 x 41	150	0.93
HSD1845*	450	41 x 41	75	1.22

*Not covered by EN877 standard, Kitemark or Agrément certificate

Rapid Strut Cantilever Arms



Product Code	Length (mm)	Strut (mm)	Max Load (N)	Nom Wt (kg)
HSD1846*	450	41 x 41 X 2.5	881	1.25

*Not covered by EN877 standard, Kitemark or Agrément certificate

Stack Support Console with Guidance Clamp



Product Code	Diameter (mm)	Max Load (N) *	Nom Wt (kg)
HS3070*	70	3000	1.8
HS4070*	100	3000	2.1
HS6070*	150	3000	2.3
HS8070*	200	3000	2.7

* At 130mm distance from wall

*Not covered by EN877 standard, Kitemark or Agrément certificate

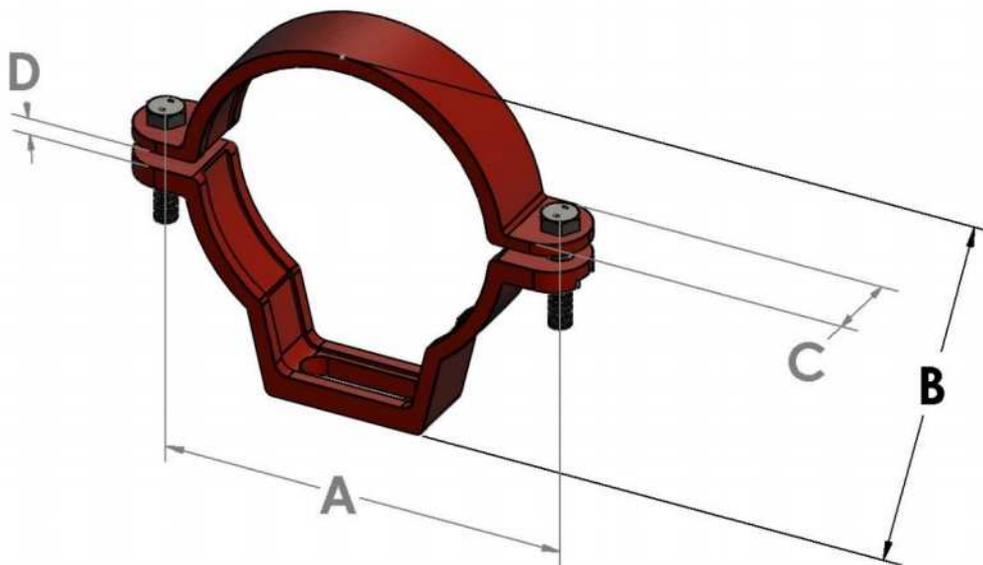
Stainless Steel Bracket Dampener



Product Code	Size	Nom Wt (kg)
HSD6703*	M10	0.2

*Not covered by EN877 standard, Kitemark or Agrément certificate

Coated Adjustable Bracket



Product Code	Nominal Dia	A	B	C	D	SLOT	Nom Wt (kg)
HS2067*	50	86	98	28	6	22 x 11	0.34
HS3067*	70	110	118	28	6	30 x 11	0.48
HS4067*	100	152	146	30	8	50 x 13.5	0.58
HS6067*	150	198	198	30	8	50 x 13.5	0.74
HS8067*	200	240	260	36	8	66 x 12.5	1.6

*Not covered by EN877 standard, Kitemark or Agrément certificate