



ductmann | spiral tube & fittings



Ductmann **Spiral tube & fittings**

Price List September 2021

► Introduction

Ductmann are one mile from Junction 10 of the M6 we are ideally located to service the whole of the UK we manufacture ‘**Supply Only**’ Spiral Tube, Rectangular Ductwork and Flat Oval Ductwork, over 1500 tonnes of ductwork per annum from our 2 acre site in the West Midlands. We stock over half a million pounds worth of off the shelf Spiral Tube and Spiral Fittings, enter our website and select your priced shopping list for next day delivery or collect from our trade counter. No order is too small we offer next day small order carrier delivery service to anywhere in the UK.

We are well aware of the problems associated with contracting and can turn round none stock rectangular and spiral ductwork manufacture in extremely fast lead times ensuring you have those critical deliveries complete and on time. We have many long standing regular customers who can gladly support our claims.

We are well aware of current Health & Safety issues when delivering to site and to fulfil our obligations our lorries have been specially adapted with safety rails, no stand areas on the rear and Lloyds tested safety harnesses and support points, our drivers attend a safety induction course especially for site loading and unloading. Where possible ductwork is delivered in purpose made Lloyds tested cages.

We offer a free estimating service electronically or post send us your drawings and we will use our expertise to break down your drawings to a priced and simplified shopping list.

In addition to standard ductwork we offer the following bespoke services.

- 1 Spiral Ductwork, Rectangular Ductwork to none standard specifications
- 2 Flat Oval Ductwork, Koolduct
- 3 Paper Waste ductwork (clipped ductwork for easy section removal and cleaning)
- 4 Fume and Dust Extraction Ductwork
- 5 Chlorinated rubber finishes to Swimming Pool ductwork
- 6 Powder Coated finishes to any Ral colour delivered to site each item bubble wrapped for protection until installed
- 7 Fire Rated ductwork and Smoke Rated ductwork to BS 476 Part 24:1987 and BSEN 1366 Part 1, brochure on request
- 8 All items can be delivered to site with bagged ends to prevent dust ingress during delivery and on site prior to installation
- 9 Delivery in purpose built cages for safe off loading and distribution on site. These cages are annually tested by Lloyds and carry an inclusive load of 750 Kilo's
- 10 Double Skin clad ductwork for thermal, acoustic or fire protection
- 11 Stainless Steel Ductwork
- 12 Stainless Steel Flue Systems

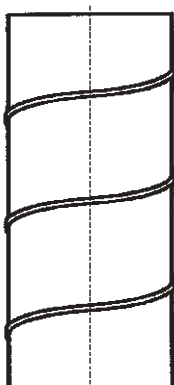
Large discounts are available on bulk orders and to regular customers. We take all major credit/debit card payments.

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All dimensions in millimetres unless otherwise stated.

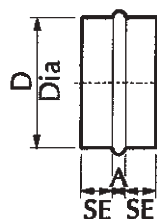
► Spiral Ducting



Code
S

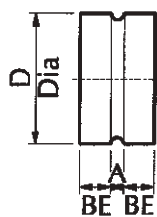
Manufactured in standard 3m lengths from hot dipped galvanised mild steel strip of spirally wound construction to DW144 specification.

► Couplers



Male Coupler

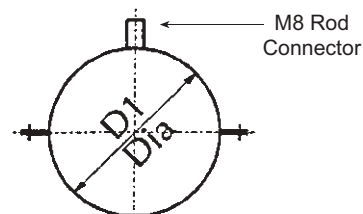
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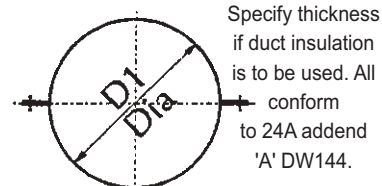
Female Coupler

Code
CF

► Split Ring Supports



Typical up to 315 diameter



Typical 255 diameter & above
Split Ring Duct Supports

SPIRAL TUBE

Diameter Ø	Prices £/3 Metre	Material ThK
80	28.10	0.50
100	25.33	0.50
125	31.80	0.50
150	38.05	0.50
160	40.70	0.50
180	54.75	0.50
200	59.07	0.50
224	68.00	0.60
250	73.73	0.60
280	85.23	0.60
300	88.74	0.60
315	95.79	0.60
355	144.25	0.60
400	162.46	0.60
450	182.68	0.80
500	202.97	0.80
560	227.32	0.80
600	243.57	0.80
630	255.97	0.80
710	288.43	0.80
800	324.89	0.80
900	456.91	1.00
1000	507.65	1.00
1118	726.16	1.20
1250	810.31	1.20
1422	925.56	1.20
1524	988.23	1.20

COUPLERS

Diameter Ø	Prices BE/SE	Dimensions	
		'A'	BE/SE
80	2.50	10	40
100	2.06	10	40
125	2.90	10	40
150	2.40	10	40
160	3.08	10	40
180	3.27	10	40
200	3.00	10	40
224	3.62	10	40
250	3.78	10	40
280	5.22	10	40
300	4.99	10	40
315	5.44	10	40
355	7.49	10	50
400	7.79	10	50
450	9.63	10	50
500	12.86	10	50
560	14.07	10	50
600	16.30	10	50
630	18.03	10	50
710	22.29	15	50
800	25.72	15	50
900	30.30	15	50
1000	33.37	15	50
1118	44.80	20	50
1250	46.26	20	50
1422	51.71	20	50
1524	52.92	20	50

SPLIT RING SUPPORTS

Fabricated Split Rings
Code SR

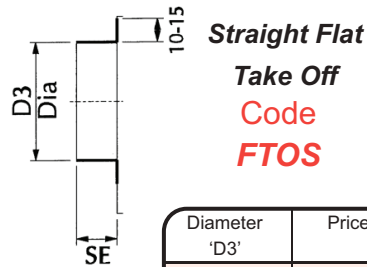
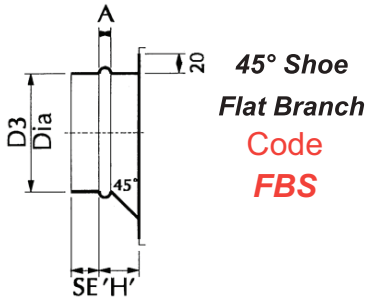
Pressed Split Rings
Code ODO

Duct Diameter	Material	Rod Diameter	Prices (EACH)	Material	Prices (EACH)
80	25 x 2	M8	6.86	20 x 2	2.41
100	25 x 2	M8	5.40	20 x 2	2.41
125	25 x 2	M8	5.55	20 x 2	3.18
150	25 x 2	M8	5.71	20 x 2	3.67
160	25 x 2	M8	6.86	-	-
180	25 x 2	M8	6.86	-	-
200	25 x 2	M8	6.86	20 x 2	4.78
224	25 x 2	M8	6.86	-	-
250	25 x 2	M8	8.50	20 x 2	5.90
280	25 x 2	M8	10.86		
300	25 x 2	M8	10.86		
315	25 x 2	M8	10.91		
355	25 x 3	M8	12.86		
400	25 x 3	M8	13.04		
450	25 x 3	M8	14.62		
500	30 x 3	M8	19.73		
560	30 x 3	M8	24.33		
600	30 x 3	M8	24.33		
630	30 x 3	M8	24.90		
710	30 x 3	M8	25.34		
800	30 x 3	M8	26.31		
900	40 x 5	M10	45.20		
1000	40 x 5	M10	47.48		
1118	40 x 5	M10	50.43		
1250	40 x 5	M12	61.73		
1422	40 x 5	M12	85.75		
1524	50 x 6	M12	111.47		

Other non standard sizes available - 381, 432, 610, 660, 762, 813, 864, 914, 965, 1016, 1067, 1168, 1219, 1270, 1321, 1600, 2000. Cut lengths supplied at 10% extra cost.

Use flange joint for sizes above 1000 diameter.
Dimensions 'A' & 'SE/SB' are identical for all pressed and fabricated fittings.

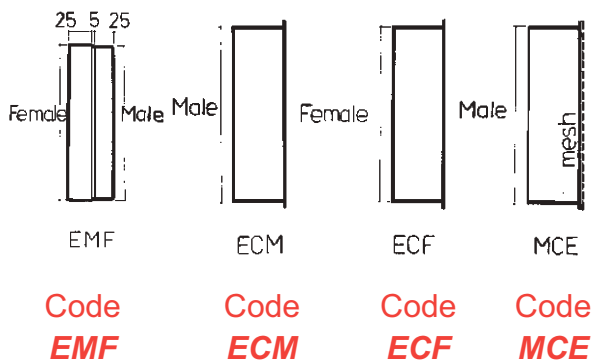
► Flat Take Offs Suitable for fitting to rectangular ductwork



Diameter 'D3'	Prices	Dimensions 'H'
80	25.90	75
100	24.90	75
125	27.29	75
150	25.72	75
160	30.12	75
180	30.87	75
200	34.08	75
224	44.26	110
250	44.26	110
280	52.43	110
300	57.88	110
315	61.35	125
355	72.20	125
400	89.17	125
450	102.89	160
500	121.76	160
560	130.34	160
600	135.48	160
630	149.20	210

Diameter 'D3'	Prices
80	3.83
100	3.99
125	4.19
150	4.55
160	4.81
180	5.77
200	5.67
224	6.87
250	7.44
280	9.26
300	9.70
315	10.13
355	11.11
400	11.38
450	16.51
500	20.59
560	24.01
600	28.29
630	32.42
710	33.45
800	40.72
900	42.66
1000	49.25
1118	62.85
1250	64.05
1422	81.74
1524	102.22

► End Caps

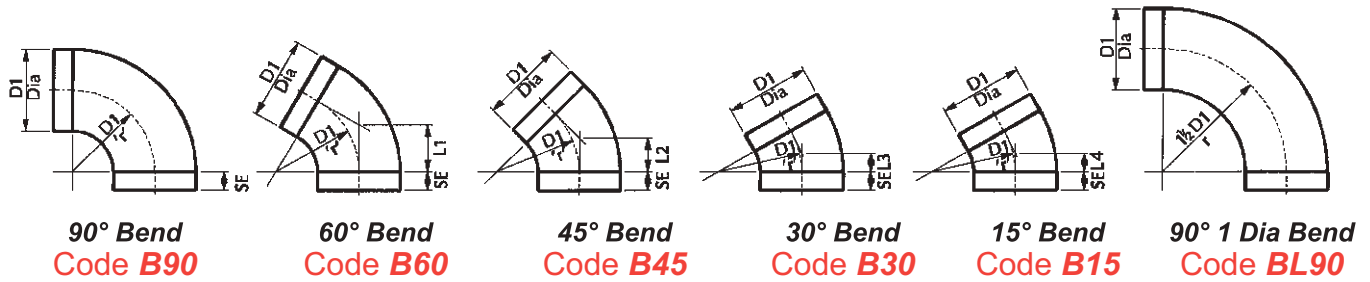


Diameter 'D1'	Prices EMF
80	6.77
100	6.77
125	7.35
150	7.52
160	7.52
180	11.08
200	10.00
224	-
250	17.55
300	-
315	24.50
355	21.28
400	21.28

Diameter 'D1'	Prices ECM	Prices ECF
224	18.87	18.87
280	18.87	18.87
300	20.46	20.46
355	23.87	23.87
400	25.90	25.90
450	29.31	29.31
500	29.99	29.99
560	41.47	41.47
600	52.42	52.42
630	52.71	52.71
710	72.47	72.45
800	82.48	82.48
900	115.63	115.63
1000	138.75	138.75
1118	192.71	192.71
1250	215.84	215.84
1422	323.74	323.74
1524	369.99	369.99

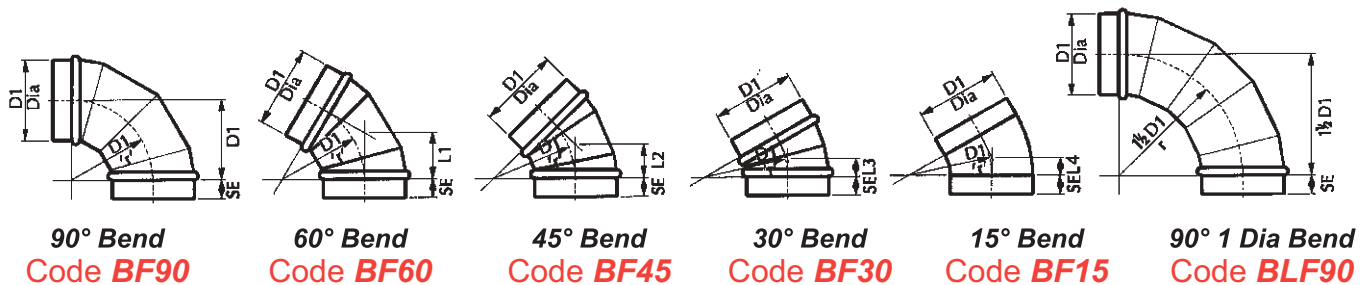
Diameter 'D1'	Prices MCE
80	4.44
100	4.44
125	4.44
150	5.17
160	31.18
180	32.01
200	7.39
224	33.64
250	9.58
280	41.03
300	42.66
315	44.30
355	45.94
400	53.11
450	85.41
500	100.11
560	101.65
600	108.93
630	114.33
710	141.46
800	177.83
900	215.68

► Pressed Bends



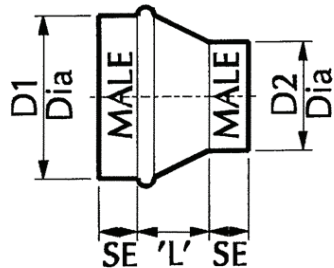
Diameter 'D1'	Prices						Dimensions			
	B90	B60	B45	B30	B15	BL90	'L1'	'L2'	'L3'	'L4'
80	9.72	12.17	7.80	7.53			46	33	21	11
100	8.91	10.16	7.80	7.53	11.33	POA	58	41	27	13
125	12.09	13.01	9.47	8.52	12.77	POA	72	52	33	16
150	16.17	20.20	12.09	11.63	16.54	POA	87	62	40	20
160	19.11	20.86	15.87	11.95	16.60	POA	92	66	43	21
180	23.07	29.18	15.71	15.13	28.97	POA	104	75	48	24
200	25.07	29.85	16.61	16.49	21.77	POA	115	83	54	26

► Fabricated Bends



Diameter 'D1'	Prices						Dimensions			
	BF90	BF60	BF45	BF30	BF15	BLF90	'L1'	'L2'	'L3'	'L4'
224	32.76	32.53	25.99	25.99	17.98	60.80				
250	32.76	32.53	25.99	25.99	17.98	60.80	144	104	67	33
280	34.09	33.43	25.99	25.99	21.61	86.69	162	116	75	37
300	34.09	33.43	25.99	25.99	24.81	86.69	173	124	80	40
315	34.09	33.43	25.99	25.99	25.99	86.69	182	130	84	41
355	40.18	38.38	34.09	31.90	32.20	93.84	205	147	95	47
400	51.05	45.85	36.83	34.09	34.68	101.85	231	166	107	53
450	64.41	52.62	42.76	35.94	35.34	111.68	260	186	121	59
500	83.61	71.22	52.04	37.13	37.13	125.11	289	207	134	66
560	112.09	98.07	65.02	49.54	49.54	149.22	323	232	150	74
600	136.25	117.66	69.91	55.76	55.76	208.68	346	249	161	79
630	138.44	122.01	76.16	55.76	55.76	208.68	364	261	169	83
710	210.47	192.26	105.27	89.75	86.68	303.82	410	294	190	94
800	250.13	239.04	148.64	117.66		348.49	462	331	214	105
900	402.42	286.82	222.88	142.44		661.24	520	373	241	119
1000	588.20	467.65	359.09	185.77		795.26	577	414	268	132
1118	872.98	658.21	507.63	297.14		1045.47	646	463	300	147
1250	1040.10	778.31	588.20	334.32		1422.40	722	518	335	165
1422	1485.87	1113.46	928.68	482.93		1767.47	821	589	381	187
1524	1789.29	1334.64	990.59	588.20		1805.01	880	631	408	201

► Short Conical Reducers (Pressed)



Concentric
Code
RCS

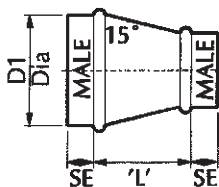
▼ Prices

Diameter 'D1'	Diameter D2								
	80	100	125	150	160	180	200	224	250
100	7.72								
125	9.03	9.03							
150		13.34	11.53						
160		10.31	10.31	11.18					
180			14.69	13.34	13.34				
200		18.01	18.01	16.33	13.83				
224				19.17	20.01	19.85	19.35		
250			20.84	21.34	21.83		21.68	21.68	
300							34.19		25.00
315									24.01

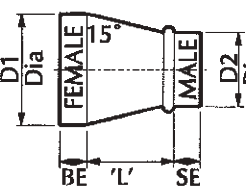
▼ Dimension 'L'

Diameter 'D1'	Diameter D2								
	80	100	125	150	160	180	200	224	250
100	18								
125	28	22							
150		34	22						
160		37	26	14					
180			37	24	19				
200		58	46	34	26				
224				45	40	30	20		
250			70	59	53		40	20	
300						0	65		40
315									40

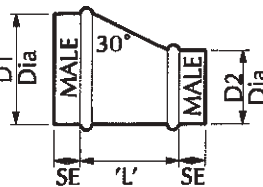
► Long Fabricated Reducers



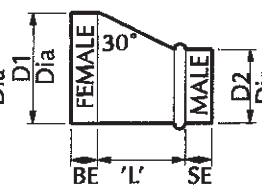
Concentric
Code
RCL



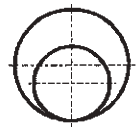
Concentric
Code
RCFL



Eccentric
Code
REL



Eccentric
Code
REFL



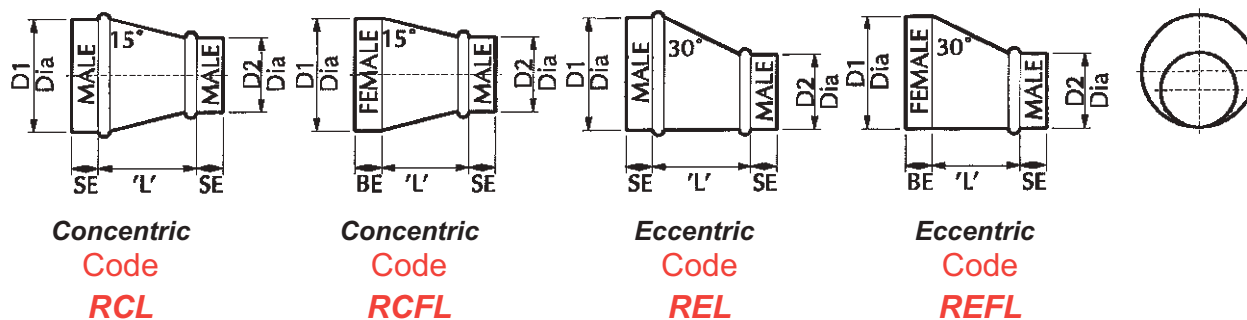
▼ Prices Concentric (Eccentric PLUS 30%)

Diameter 'D1'	Diameter D2							
	80	100	125	150	160	180	200	224
100	14.70							
125	14.70	14.70						
150	15.21	15.21	14.70					
160	15.12	16.19	17.11	14.37				
180	18.37	17.11	17.11	17.11	17.11			
200		19.73	19.73	17.11	17.11	17.11		
224		23.00	23.00	23.00	23.00	23.00	23.00	
250		24.95	24.55	24.24	24.24	24.24	22.30	22.30
280				28.90	28.90	28.90	27.55	26.30
300		37.46		37.46	37.46	36.14	36.14	36.14
315				39.35	36.14	36.14	36.14	36.14
355							44.58	42.59
400							49.20	49.20

▼ Dimension 'L'

Diameter 'D1'	Diameter D2							
	80	100	125	150	160	180	200	224
100	70							
125	110	80						
150	150	120	80					
160	170	135	90	50				
180	205	170	135	80	70			
200		205	160	120	120	70		
224		245	205	160	140	110	70	
250		290	245	205	190	150	110	80
280				255	240	205	170	130
300				280	280	240	205	160
315				315	310	270	230	190
355							300	260
400							380	330

► Long Fabricated Reducers



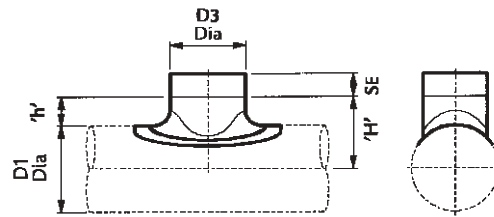
▼ Prices Concentric (Eccentric Plus 30%)

Diameter 'D1'	Diameter D2																	
	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1118	1250	1422
280	24.24																	
300	36.14	36.14																
315	36.14	36.14	36.14															
355	42.59	36.14	36.14	36.14														
400	49.20	49.83	49.83	49.83	42.59													
450	52.52	50.53	50.53	50.53	46.03	46.03												
500	59.10	55.78	55.78	55.78	50.53	47.92	47.92											
560	72.20	72.20	72.20	72.20	68.92	68.56	68.56	68.27										
600			72.20	72.20	68.92	68.92	68.92	67.61	67.61									
630			78.77	78.77	78.98	75.49	75.49	75.49	75.49	75.49								
710					137.86	137.86	131.23	131.23	131.23	121.40	121.40							
800								100.46	137.55	137.55	129.24	129.24						
900								206.75	206.75	193.60	193.60	193.60	193.60					
1000								206.75	206.75	262.53	262.53	216.63	216.63	207.30				
1118											275.62	275.62	328.17	318.31	314.05			
1250											491.92	460.44	424.23	367.13	328.49	282.73		
1422													606.84	533.16	485.60	440.71	393.17	
1524													765.23	655.85	633.19	582.26	534.16	435.06

▼ Dimension 'L'

Diameter 'D1'	Diameter D2																	
	250	280	300	315	355	400	450	500	560	600	630	710	800	900	1000	1118	1250	1422
280	80																	
300	110	70																
315	140	90	56															
355	210	160	125	100														
400	290	240	200	180	110													
450	380	320	290	250	195	120												
500	470	410	476	350	280	200	120											
560	480	510	480	455	390	305	220	140										
600	636	584	550	554	454	376	290	203	100									
630			600	575	510	430	340	235	150	70								
710					650	570	480	393	290	200	170							
800						722	636	550	445	376	325	188						
900								722	619	550	500	360	203					
1000								900	792	722	670	532	376	203				
1118											875	740	560	380	210			
1250											1100	965	810	636	463	258		
1422													1090	910	730	560	380	
1524													1260	1090	910	730	560	210

► Pressed Saddles Suitable for mounting onto spiral tube.



Code **PS**

▼ Prices

Diameter 'D1'	Dimensions D3											
	80	100	125	150	160	180	200	224	250	280	300	315
80	7.09											
100	7.09	7.09										
125	7.09	7.09	8.25									
150	7.09	7.09	8.25	11.02								
160	7.09	7.09	8.25	11.02	14.33							
180	7.09	7.09	8.25	11.02	14.33	14.33						
200	7.09	7.09	8.25	11.02	14.33	14.33	15.62					
224	7.09	7.09	8.25	11.02	14.33	14.33	15.62	19.96				
250	7.09	7.09	8.25	11.02	14.33	14.33	15.62	19.96	22.43			
280	7.09	7.09	8.25	11.02	14.33	14.33	15.62	19.96	22.43	poa		
300	7.09	7.09	8.25	11.02	14.33	14.33	15.62	19.96	22.43	poa	26.64	
315	7.09	7.09	8.25	11.02	14.33	14.33	15.62	19.96	22.43	poa	26.64	31.60
355	7.09	7.09	8.25	11.02	14.33	14.33	15.62	19.96	22.43	poa	26.64	31.60
400	7.09	7.09	8.25	11.02	14.33	poa	15.62	19.96	22.43	poa	26.64	31.60
450	7.09	7.09	8.25	11.02	14.33	poa	15.62	19.96	22.43	poa	26.64	31.60
500	7.09	7.09	8.25	11.02	14.33	poa	15.62	19.96	22.43	poa	26.64	31.60
560	7.09	7.09	8.25	11.02	14.33	poa	15.62	19.96	22.43	poa	26.64	31.60
600	7.09	7.09	8.25	11.02	14.33	poa	15.62	19.96	22.43	poa	26.64	31.60
630	7.09	7.09	8.25	11.02	14.33	poa	15.62	19.96	22.43	poa	26.64	31.60

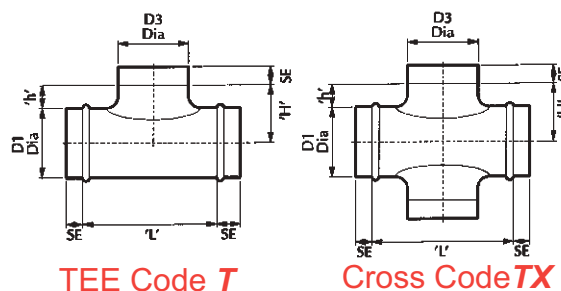
Dimension 'h'	12	15	20	20	25	25	25	25	25	25	25	25
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poa (price on application) supplied fabricated to order. Sizes 180, 224, 300, 315 diameter saddles are only available as 'pressed' fittings whilst existing stocks last.

We can supply all sizes as fabricated items to order.

► Pressed Tees & Crosses

Formed by assembling pressed saddles onto fabricated body



Dimensions
'H' & 'h'
as pressed
saddles

▼ Prices For Tee (T)

Diameter 'D1'	Diameter D3											
	80	100	125	150	160	180	200	224	250	280	300	315
80	25.90											
100	27.49	18.34										
125	29.31	24.66	24.66									
150	31.68	26.99	24.66	25.43								
160	31.68	26.99	24.66	25.43	30.83							
180	38.14	27.68	29.99	30.30	35.46	poa						
200	39.53	33.91	32.98	36.99	38.71	poa	40.85					
224	47.76	34.68	33.67	36.99	41.92	poa	50.23	poa				
250	47.76	36.62	36.77	37.50	42.79	poa	50.46	poa	57.05			
280	54.50	38.21	40.63	41.03	45.88	poa	53.57	poa	62.27	poa		
300	56.52	38.79	41.07	41.67	45.88	poa	53.57	poa	62.27	poa	70.91	
315	57.88	41.63	41.58	42.20	46.52	poa	54.54	poa	63.27	poa	poa	69.68
355		47.48	45.20	48.33	51.56	poa	63.75	poa	72.24	poa	poa	81.27
400		52.16	54.40	54.29	54.29	poa	68.53	poa	77.21	poa	poa	86.11
450		55.27	58.19	60.04	64.94	poa	71.15	poa	79.65	poa	poa	87.99
500		57.50	59.85	62.44	69.73	poa	76.15	poa	83.95	poa	poa	92.59
560		58.88	61.15	64.04	70.29	poa	78.12	poa	87.02	poa	poa	95.43
600		60.54	62.90	65.78	71.45	poa	78.66	poa	89.10	poa	poa	97.61
630		63.12	65.28	68.50	73.44	poa	82.21	poa	92.98	poa	poa	101.75

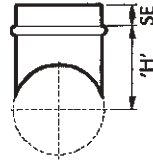
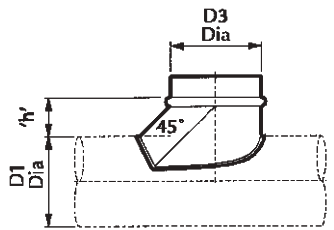
▼ Dimension 'L'

	Diameter D3											
	80	100	125	150	160	180	200	224	250	280	300	315
L =	140	160	200	245	245	270	300	325	350	430	450	465

▼ Prices For Crosses (TX)

Diameter 'D1'	Diameter D3											
	80	100	125	150	160	180	200	224	250	280	300	315
80	37.61											
100	39.91	26.59										
125	42.48	35.77	35.77									
150	45.94	39.11	35.77	35.43								
160	45.94	39.11	35.77	36.87	44.71							
180	55.31	40.12	43.49	43.92	51.42	poa						
200	57.31	49.17	47.83	53.64	56.13	poa	59.23					
224	69.23	50.29	48.80	53.64	60.76	poa	72.81	poa				
250	69.23	53.11	53.37	54.34	62.00	poa	73.19	poa	82.71			
280	79.01	55.41	58.92	59.44	66.52	poa	77.69	poa	90.28	poa		
300	81.93	56.22	59.51	60.45	66.52	poa	77.69	poa	90.28	poa	102.85	
315	83.98	60.41	60.27	61.13	67.52	poa	79.05	poa	91.73	poa	poa	101.03
355	84.81	68.91	65.50	70.06	74.76	poa	92.46	poa	105.97	poa	poa	117.86
400		75.62	78.92	78.74	78.74	poa	99.39	poa	111.95	poa	poa	124.85
450		80.10	84.36	87.10	94.14	poa	103.19	poa	115.46	poa	poa	127.59
500		83.39	86.73	90.53	101.15	poa	110.44	poa	121.74	poa	poa	134.28
560		85.40	88.69	92.82	101.92	poa	113.28	poa	126.17	poa	poa	138.41
600		87.77	91.21	95.35	103.62	poa	114.07	poa	129.22	poa	poa	141.52
630		91.56	94.69	99.31	106.46	poa	119.17	poa	134.79	poa	poa	147.54

► Shoe Saddles



Code
SS

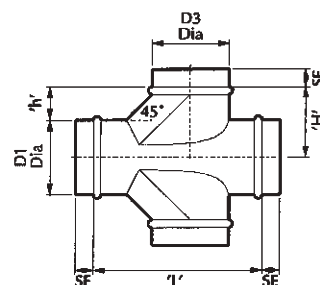
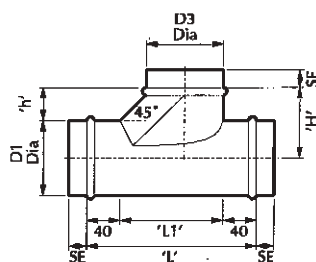
Prices

Diameter D1	Diameter D3																	
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630
100	24.66																	
125	24.66	27.24																
150	24.66	24.66	26.82															
160	24.66	27.24	29.65	32.89														
180	26.93	27.24	29.65	32.89	36.04													
200	24.66	24.66	26.82	32.89	36.04	32.39												
224	26.93	27.24	29.65	32.89	36.04	36.04	42.31											
250	24.66	24.66	26.82	32.89	36.04	32.39	42.31	38.54										
280	26.93	27.24	29.65	32.89	36.04	36.04	42.31	42.31	54.40									
300	24.66	24.66	26.82	32.89	36.04	32.39	42.31	38.54	54.40	54.40								
315	24.66	24.66	26.82	32.89	36.04	32.39	42.31	38.54	54.40	54.40	58.59							
355	24.66	27.24	29.65	32.89	36.04	32.39	42.31	38.54	54.40	49.34	64.75	86.41						
400	26.93	27.24	29.65	32.89	36.04	32.39	42.31	38.54	54.40	54.40	64.75	86.41	101.15					
450	26.93	27.24	29.65	32.89	36.04	36.04	42.31	42.31	54.40	49.34	64.75	86.41	101.15	121.76				
500	26.93	27.24	29.65	32.89	36.04	36.04	42.31	42.31	54.40	54.40	64.75	86.41	101.15	121.76	153.49			
560	26.93	27.24	29.65	32.89	36.04	36.04	42.31	42.31	54.40	54.40	64.75	86.41	101.15	121.76	153.49	170.64		
600	26.93	27.24	29.65	32.89	36.04	36.04	42.31	42.31	54.40	54.40	64.75	86.41	101.15	121.76	153.49	170.64	188.62	
630	26.93	27.24	29.65	32.89	36.04	36.04	42.31	42.31	54.40	54.40	64.75	86.41	101.15	121.76	153.49	170.64	188.62	231.50

Dim 'h'	75	75	75	75	75	75	110	110	110	110	125	125	125	160	160	160	160	210
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► Shoe Tees / Crosses

Dimensions
'H' & 'h'
as shoe
saddles



TEE Code **TS**

Cross Code **TSX**

Prices for Tee (TS)

L1 equals L-80

Diameter 'D1'	Diameter D3																	
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630
100	62.24																	
125	63.40	66.33																
150	65.38	67.79	73.44															
160	65.38	68.39	73.44	72.24														
180	69.57	68.75	78.00	78.16	85.38													
200	72.16	74.97	80.76	80.89	86.94	90.89												
224	74.56	77.49	83.56	83.64	88.63	93.87	99.65											
250	77.55	80.20	86.60	86.71	91.83	97.18	104.99	114.23										
280	82.83	85.77	92.09	92.30	99.14	104.66	111.91	120.18	129.89									
300	84.60	87.71	94.34	94.42	99.09	105.09	114.23	123.00	135.41	147.17								
315	84.60	87.71	94.34	94.42	99.09	105.09	114.23	123.00	135.41	147.17	148.62							
355	88.24	91.38	98.46	98.46	103.15	109.30	116.46	127.43	137.50	152.24	153.58	178.22						
400	94.01	97.39	104.29	104.48	109.51	115.67	122.74	134.18	144.60	159.69	160.86	186.08	204.40					
450	98.13	101.80	109.02	109.69	114.10	120.66	128.29	139.78	149.78	165.13	166.47	193.36	212.05	233.50				
500	103.15	107.05	114.23	114.57	119.66	122.39	134.33	145.59	156.03	171.58	173.00	200.97	220.92	241.95	265.86			
560	107.56	111.63	119.52	119.66	125.07	131.77	139.41	151.42	161.96	178.49	179.93	209.24	228.64	250.59	276.80	297.63		
600	110.87	114.75	123.31	123.41	128.63	135.94	143.61	155.63	168.11	182.87	184.13	215.27	235.26	258.00	284.39	311.44	306.23	
630	113.57	117.93	126.10	126.20	130.45	138.98	146.99	159.17	170.08	186.34	187.72	218.95	238.66	263.24	290.52	317.90	340.66	357.87

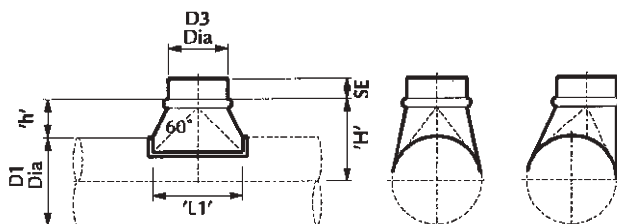
Dimension 'L'

Diameter 'D1'	Diameter D3																	
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630
L =	225	270	295	305	325	345	404	430	460	480	510	550	595	680	730	790	840	910

Prices for Crosses (TSX)

Diameter 'D1'	Diameter D3																	
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630
100	90.27																	
125	91.93	96.19																
150	94.80	98.27	106.49															
160	94.80	98.27	106.49	104.77														
180	100.27	99.69	113.15	113.31	123.78													
200	104.65	108.69	117.14	117.30	126.07	131.80												
224	108.13	112.35	121.12	121.28	128.52	136.15	144.52											
250	112.45	116.30	125.60	125.73	133.19	140.95	152.22	165.63										
280	120.06	124.36	133.51	133.77	143.80	151.70	162.28	174.30	188.36									
300	122.67	127.23	136.77	136.93	143.72	152.41	165.63	178.36	196.32	213.38								
315	122.67	127.23	136.77	136.93	143.72	152.41	165.63	178.36	196.32	213.38	215.49							
355	127.96	132.52	142.75	142.75	149.54	158.47	168.92	184.80	199.32	220.78	222.65	258.39						
400	136.29	141.17	151.27	151.49	158.80	167.73	177.98	194.53	209.69	231.27	233.18	269.88	296.40					
450	142.32	147.61	158.09	159.06	165.48	174.99	186.04	202.65	217.21	239.45	241.38	280.39	307.43	338.67				
500	149.54	155.22	165.63	166.14	173.48	177.48	194.79	211.13	226.22	248.84	250.86	291.43	320.36	350.79	385.48			
560	155.94	161.89	173.34	173.48	181.38	191.05	202.19	219.54	234.84	258.79	260.73	303.06	331.48	363.36	401.34	431.56		
600	160.86	170.96	178.82	178.94	186.52	197.07	208.26	225.64	243.79	265.14	267.00	312.15	341.14	374.11	412.39	451.64	486.08	
630	164.65	170.96	182.87	183.03	189.18	201.55	213.18	230.79	246.61	270.26	272.17	317.46	346.02	381.71	421.15	460.99	493.96	518.88

► Conical Saddles



Equal

**Code
CES**

Flatback

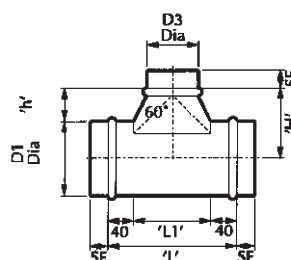
**Code
CFBS**

▼ Prices

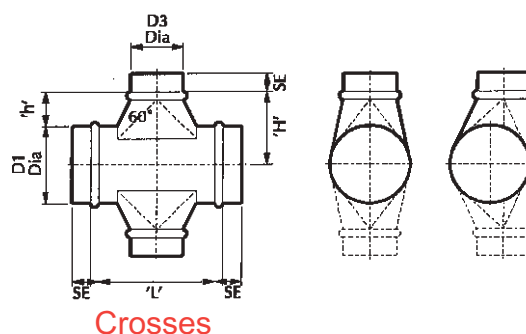
Diameter 'D1'	Diameter D3																
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600
100	28.79																
125	28.79	29.86															
150	28.79	29.86	30.83														
160	28.79	29.86	30.83	31.28													
180	28.79	29.86	30.83	31.28	32.08												
200	28.79	29.86	30.83	31.28	32.08	34.95											
224	28.79	29.86	30.83	31.28	32.08	34.95	38.63										
250	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05									
280	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05	45.69								
300	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05	45.69	50.87							
315	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05	45.69	50.87	61.89						
355	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05	45.69	50.87	61.89	67.12					
400	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05	45.69	50.87	61.89	67.12	76.80				
450	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05	45.69	50.87	61.89	67.12	76.80	90.17			
500	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05	45.69	50.87	61.89	67.12	76.80	90.17	99.03		
560	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05	45.69	50.87	61.89	67.12	76.80	90.17	99.03	108.85	
600	28.79	29.86	30.83	31.28	32.08	34.95	38.63	42.05	45.69	50.87	61.89	67.12	76.80	90.17	99.03	108.85	145.62

Dim 'h'	75	75	75	75	75	75	110	110	110	110	125	125	125	160	160	160	210
Dim 'L1'	186	211	236	246	266	286	352	378	408	428	459	499	544	634	684	744	842

► Conical Tees / Crosses



Dimensions 'H' & 'h'
as conical saddles
L1 equals L-80



Crosses

Tees

TEE Code
CROSS Codes

TCE
TC EX

TCFB
TCFBX

Prices for Tee (TCE, TCFB)

Diameter 'D1'	Diameter D3																
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600
100	57.15																
125	61.71	63.05															
150	65.62	65.62	74.83														
160	65.62	67.61	76.80	77.61													
180	68.60	70.29	78.77	79.35	82.78												
200	73.03	72.17	81.10	86.42	82.78	87.67											
224	78.77	76.80	85.31	88.63	89.24	91.86	98.75										
250	80.05	80.41	88.63	93.25	92.62	94.51	102.36	111.62									
280	86.55	83.87	93.86	98.47	98.47	99.11	106.96	111.62	125.70								
300	88.63	88.90	97.11	98.47	101.06	102.16	111.62	119.46	132.54	128.89							
315	91.86	90.60	99.88	98.47	103.71	105.01	113.29	122.35	133.59	129.45	140.19						
355	98.47	96.08	106.49	101.71	108.29	110.26	119.46	128.61	141.10	134.62	145.45	151.86					
400	105.01	103.07	112.86	114.91	114.91	114.91	124.72	135.19	144.41	143.14	154.20	160.76	174.28				
450	113.56	110.26	114.91	114.91	114.91	121.40	133.20	141.76	150.95	155.20	166.58	173.21	186.86	198.83			
500	121.40	123.74	124.72	128.00	124.72	128.00	139.44	149.64	161.40	163.96	175.63	182.45	196.30	198.98	220.05		
560	121.40	121.40	124.72	128.00	124.72	128.00	144.41	154.20	167.32	166.67	178.62	185.59	199.60	212.09	223.78	236.97	
600	121.40	121.40	129.84	128.00	124.72	128.00	144.41	154.20	167.32	168.44	180.61	187.73	201.89	214.45	226.30	239.27	250.10

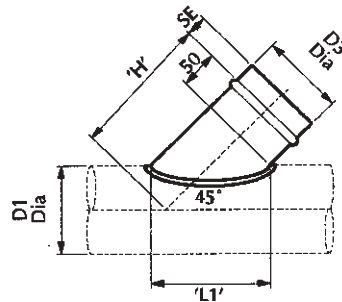
Dimension 'H' & 'L'

	Diameter D3																
H =	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600
L =	266	291	316	326	346	366	432	458	488	508	539	589	624	714	764	824	922

Prices for Crosses (TC EX, TCFBX)

Diameter 'D1'	Diameter D3																
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600
100	82.86																
125	89.46	91.44															
150	95.12	95.12	108.50														
160	95.12	98.02	111.37	112.51													
180	99.46	101.90	114.18	115.07	120.06												
200	117.58	104.65	117.58	125.30	120.06	127.12											
224	123.69	111.37	123.69	128.52	129.39	133.20	143.22										
250	116.12	116.58	128.52	135.20	134.32	137.03	154.61	161.84									
280	125.49	121.61	136.12	142.77	142.77	143.73	155.10	161.84	182.24								
300	128.52	127.79	140.83	142.77	146.55	148.14	161.84	173.18	192.19	186.85							
315	133.20	131.41	144.84	142.77	150.40	152.23	164.22	177.42	193.72	187.73	203.28						
355	142.77	139.37	154.41	147.49	157.03	159.88	173.18	186.51	204.56	195.21	210.90	220.19					
400	152.23	149.45	163.62	166.62	166.62	166.62	180.85	196.05	209.40	207.57	223.60	233.09	252.68				
450	164.65	159.88	166.62	166.62	166.62	176.05	193.12	205.54	218.86	224.98	241.56	251.18	270.96	288.29			
500	176.05	179.44	180.85	185.63	180.85	185.63	202.19	216.95	234.04	237.76	254.64	264.50	284.62	288.52	319.05		
560	176.05	176.05	180.85	185.63	180.85	185.63	209.40	223.60	242.63	241.68	258.96	269.14	289.49	307.49	324.51	343.56	
600	176.05	176.05	188.29	185.63	180.85	185.63	209.40	223.60	242.63	244.15	261.89	272.21	292.72	311.02	328.17	346.93	362.68

► 45° Branch



Code
BR

▼ Prices

Diameter 'D1'	Diameter D3																	
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630
100	25.28																	
125	25.28	26.04																
150	25.28	26.04	29.30															
160	25.28	26.04	29.30	29.69														
180	25.28	26.04	29.30	29.69	30.61													
200	25.28	26.04	29.30	29.69	30.61	33.82												
224	25.28	26.04	29.30	29.69	30.61	33.82	37.38											
250	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11										
280	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55									
300	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55	53.49								
315	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55	53.49	54.57							
355	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55	53.49	54.57	64.44						
400	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55	53.49	54.57	64.44	70.41					
450	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55	53.49	54.57	64.44	70.41	79.55				
500	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55	53.49	54.57	64.44	70.41	79.55	89.20			
560	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55	53.49	54.57	64.44	70.41	79.55	89.20	100.40		
600	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55	53.49	54.57	64.44	70.41	79.55	89.20	100.40	109.79	
630	25.28	26.04	29.30	29.69	30.61	33.82	37.38	41.11	47.55	53.49	54.57	64.44	70.41	79.55	89.20	100.40	109.79	118.23

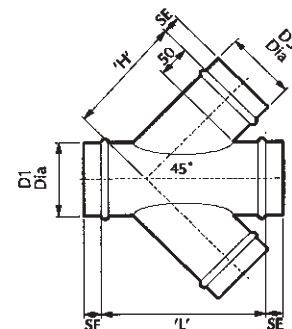
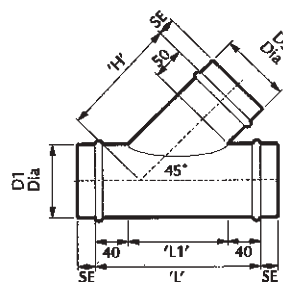
▼ Dimension 'H'

Diameter 'D1'	Diameter D3																	
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	600	630
100	170																	
125	188	200																
150	205	217	230															
160	212	224	237	242														
180	227	239	252	257	267													
200	241	253	266	271	281	291												
224	257	269	282	287	297	307	319											
250	276	288	301	306	316	326	338	351										
280	297	310	322	327	337	347	359	372	387									
300	311	323	336	341	351	361	373	386	401	411								
315	322	335	347	352	362	372	384	397	412	422	429							
355	350	362	375	380	390	400	412	425	440	450	457	477						
400	382	394	407	412	422	432	444	457	472	482	489	509	532					
450	417	429	442	447	457	467	479	492	507	517	524	544	567	592				
500	452	464	477	482	492	514	514	527	542	559	559	579	602	627	652			
560	495	508	520	525	535	557	557	570	585	602	602	622	670	670	695	725		
600	530	543	555	560	570	592	592	605	620	637	637	680	705	705	730	760	785	
630	544	557	569	574	594	594	606	619	634	652	652	695	719	719	744	774	799	809

Dim 'L1'	141	176	211	225	253	282	315	352	394	423	444	500	564	634	705	790	860	888
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► 45° Branch Tees / Crosses

Dimensions
'H' & 'L1'
as 45° Branch



Prices for Tee (TBR)

TEE Code **TBR**

Cross Code **TBRX**

Diameter 'D1'	Diameter D3																
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	630
100	61.65																
125	62.19	63.19															
150	64.44	63.85	68.21														
160	64.64	65.78	70.17	70.67													
180	65.16	66.26	70.67	71.35	72.24												
200	67.20	68.40	72.92	73.47	74.57	79.09											
224	71.44	72.65	77.27	77.83	78.98	83.58	88.37										
250	74.99	76.37	80.94	81.57	82.83	87.41	92.30	92.30									
280	77.36	78.77	83.56	84.11	85.45	90.04	95.01	100.21	109.07								
300	81.14	82.50	87.41	88.06	89.30	94.06	99.06	104.27	113.30	120.83							
315	84.79	86.18	91.09	91.78	93.07	97.81	102.82	108.16	117.19	125.49	126.83						
355	85.78	87.32	92.30	92.99	94.43	99.22	104.29	109.72	118.94	127.32	128.64	142.35					
400	93.39	95.01	100.19	100.83	102.35	107.28	112.58	118.08	127.44	135.94	137.35	151.17	159.38				
450	101.11	102.93	108.13	108.91	110.48	115.65	120.94	126.65	136.05	144.66	146.16	160.28	168.68	181.29			
500	105.55	107.57	112.86	113.71	115.50	120.60	126.10	131.83	141.51	150.22	151.74	166.13	174.72	187.48	200.81		
560	110.30	112.35	117.89	118.80	120.74	125.94	131.58	137.55	147.26	156.20	157.89	172.45	181.33	194.39	208.01	223.35	
600	114.51	116.84	122.35	123.31	125.20	130.54	136.29	142.38	152.28	161.39	162.97	177.62	186.85	200.16	213.88	229.60	243.14
630	118.52	120.80	126.54	127.44	129.45	134.84	140.71	146.88	156.98	165.87	167.60	185.52	191.73	205.22	219.12	235.01	259.61

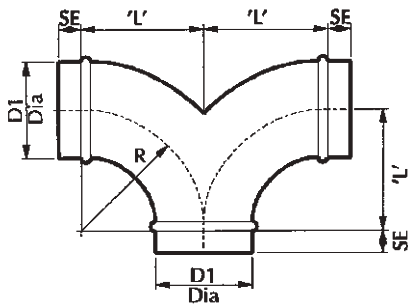
Dimension 'H' & 'L'

	Diameter D3																
H =	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	630
L =	221	256	291	305	333	362	395	432	474	503	524	580	644	714	785	870	968

Prices for Crosses (TBRX)

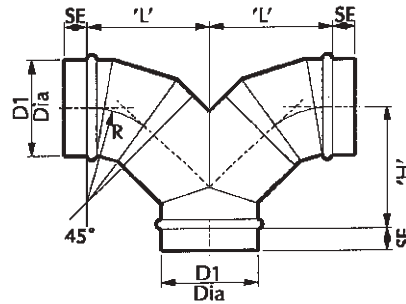
Diameter 'D1'	Diameter D3																
	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	630
100	89.37																
125	90.19	91.60															
150	93.41	92.61	98.93														
160	93.74	95.34	101.79	102.52													
180	94.44	96.07	102.52	103.43	104.77												
200	97.47	99.17	105.74	106.54	106.84	114.70											
224	103.60	105.35	112.13	112.86	114.52	121.17	128.09										
250	108.75	110.70	117.37	118.26	120.06	126.69	133.77	141.17									
280	112.23	114.23	121.12	121.99	123.88	130.54	137.76	145.35	158.15								
300	117.63	119.67	126.69	127.69	129.49	136.38	143.61	151.16	164.22	175.23							
315	122.95	125.00	132.11	133.08	134.99	141.80	150.71	156.87	169.90	181.97	183.94						
355	124.36	126.61	133.77	134.84	136.93	143.84	151.27	159.08	172.48	184.65	186.52	206.39					
400	135.41	137.76	145.23	146.21	148.39	155.55	163.25	171.25	184.80	197.06	199.19	219.22	231.10				
450	146.60	149.29	156.77	157.91	160.18	167.68	175.36	183.66	197.33	209.75	211.92	232.41	244.56	262.81			
500	153.05	155.94	163.60	164.86	167.52	174.86	182.87	191.20	205.18	217.88	220.08	240.83	253.37	271.90	291.12		
560	159.92	162.94	170.90	172.32	175.09	182.61	190.78	199.41	213.59	226.46	228.84	250.02	262.93	281.89	301.61	323.86	
600	166.05	169.33	177.42	178.82	181.55	189.25	197.63	206.49	220.87	234.02	236.27	257.57	270.93	290.22	310.11	332.87	352.52
630	171.81	175.11	183.38	184.80	187.73	195.50	204.02	212.97	227.61	240.51	243.04	269.01	278.05	297.55	317.74	340.74	376.40

► Twin Bends



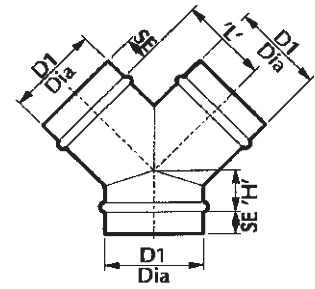
Pressed Twin Bend Code **TBP**

Diameter 'D1'	Dimensions		Prices
	'R'	'L'	
80	100	100	82.30
100	100	100	82.30
125	125	125	89.21
150	150	150	102.91
160	160	160	106.33
180	180	180	137.20
200	200	200	144.08
224	224	224	168.08
250	250	250	168.08



Fabricated Twin Bend Code **TBF**

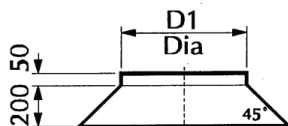
Diameter 'D1'	Dimensions			Prices
	'R'	'L'	'H'	
280	280	325	292	212.91
300	300	346	309	212.91
315	315	361	321	218.48
355	355	405	356	252.09
400	400	453	395	308.10
450	450	505	437	364.13
500	500	558	480	392.13
560	560	622	531	504.20
600	600	664	565	532.19
630	630	690	584	560.19
710	710	781	659	728.24
800	800	848	708	1064.36
900	900	983	821	1400.47
1000	1000	1089	906	1695.19
1118	1118	1216	1009	2162.81
1250	1250	1354	1120	2557.40



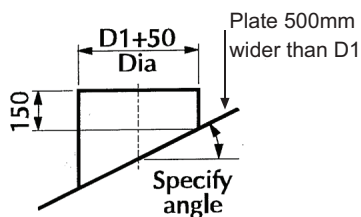
Fabricated 'Y' 45° Code **Y45**

Diameter 'D1'	Dimensions		Prices
	'L'	'H'	
280	180	83	131.27
300	190	87	132.37
315	197	90	133.37
355	217	98	169.54
400	240	108	180.70
450	265	118	210.13
500	290	129	239.10
560	320	141	274.93
600	340	149	308.99
630	355	155	338.75
710	395	172	452.15
800	440	191	641.71
900	490	211	897.49
1000	540	232	1116.86
1118	600	257	1607.13
1250	665	284	1690.25

► Weatherings / Cravats



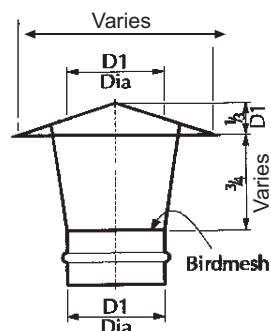
Cravat
Code **CR**



Roof Plate
Code **RP**

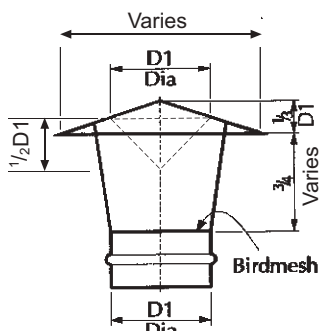
Diameter 'D1'	CR Prices	RP Prices
100	46.31	54.00
125	46.51	54.23
150	49.21	57.37
160	49.31	57.50
180	49.47	57.68
200	53.20	62.03
224	79.45	92.64
250	72.61	84.66
280	79.45	92.64
300	86.50	100.85
315	93.41	108.91
355	99.93	116.51
400	121.12	141.22
450	138.31	161.27
500	160.35	186.96
560	163.35	190.46
600	165.33	192.77
630	186.39	217.33
710	214.83	250.49
800	259.31	302.35
900	294.84	343.78
1000	297.92	347.38

► Terminals



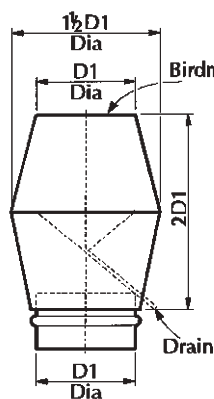
**Rain Cowl
without inverter**

**Code
RC**



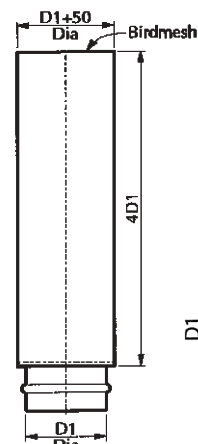
**Rain Cowl
with inverter**

**Code
RCI**



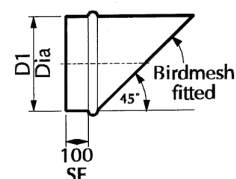
Jet Cowl

**Code
JC**



Vertical Cowl

**Code
VC**



**Side Discharge
Terminal**

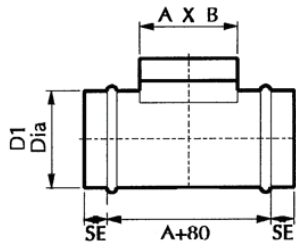
**Code
SDT**

Diameter 'D1'	RC	RCI	JC	VC	SDT
100	29.75	61.39	372.05	88.87	52.36
125	33.06	64.37	376.56	93.06	53.80
150	36.35	77.10	377.31	98.10	39.53
160	60.52	78.66	380.24	100.36	59.60
180	63.19	82.18	384.37	100.36	67.78
200	41.60	91.89	399.54	103.29	40.85
224	79.09	102.82	405.58	106.22	78.45
250	51.26	111.84	414.27	111.69	43.09
280	98.79	128.40	491.60	125.39	85.06
300	103.07	133.99	508.33	130.49	87.70
315	106.47	138.38	527.24	150.71	89.82
355	118.38	153.89	532.70	168.45	112.30
400	137.50	178.72	599.64	232.37	119.95
450	157.20	204.34	832.44	258.76	145.82
500	173.85	225.97	974.69	285.98	156.47
560	198.38	257.91	1124.49	324.56	170.51
600	223.78	290.96	1151.90	353.50	197.15
630	236.58	307.52	1604.19	369.37	237.95
710	296.80	385.83	1642.10	451.08	277.88
800	378.06	491.50	1749.70	691.66	321.35
900	445.01	578.54	1827.90	812.48	361.64
1000	576.44	749.40	1951.05	974.67	439.42

All terminals are supplied with male coupler fitted at base.

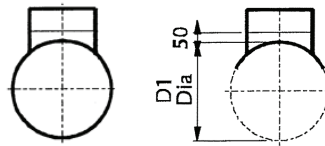
If alternative fixing to stack is required, please specify.

► Access Sections & Doors



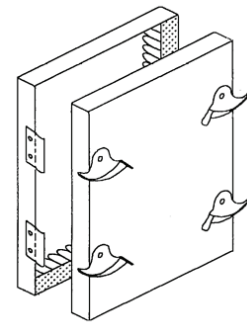
Access Section with door

Code ASDR



Saddle with door

Code SDR

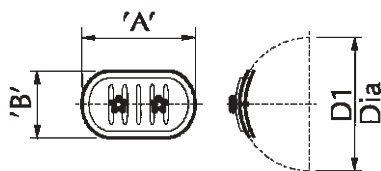


Door

Code DR

Diameter 'D1'	Door Size 'A' x 'B'	ASDR Prices	SDR Prices
80	300 x 150	67.24	61.93
100	300 x 150	67.73	61.93
125	300 x 150	68.32	61.93
150	300 x 150	68.92	61.93
160	300 x 150	69.16	61.93
180	300 x 150	70.92	61.93
200	300 x 200	72.60	62.48
224	300 x 200	75.64	62.48
250	300 x 200	76.25	62.48
280	300 x 200	79.47	62.48
300	300 x 200	79.94	62.48
315	300 x 200	80.26	62.48
355	300 x 300	82.83	69.32
400	300 x 300	90.27	69.32
450	300 x 300	95.18	69.32
500	300 x 300	98.79	69.32
560	300 x 300	100.21	69.32
600	450 x 450	122.36	81.03
630	450 x 450	125.67	81.03
710	450 x 450	127.82	81.03
800	450 x 450	148.96	81.03
900	450 x 450	152.37	81.03
1000	450 x 450	161.96	81.03
1118	600 x 400	219.23	101.15
1250	600 x 400	228.65	101.15

Size	Prices
100X100	14.74
150X100	14.74
150X150	14.86
200X100	16.38
200X150	17.10
200X200	17.75
250X250	20.52
300X150	20.97
300X200	21.36
300X300	22.74
350x350	26.08
400X200	24.90
400X400	28.04
450X300	29.00
450X450	29.44
500X200	39.73
500X400	40.61
500X500	41.52
600X250	57.71
600X400	41.52
600X600	46.19



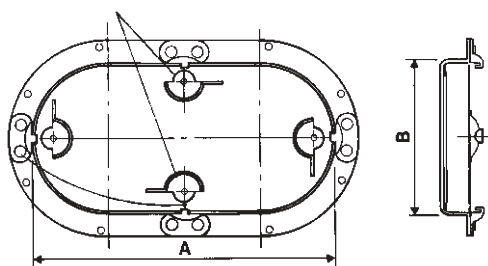
Circular Access Door

Code ADC

Code	Door Size	Duct Dia	Prices
ADC-18-0080	180 x 80	80	10.01
ADC-18-0100		100 to 125	
ADC-18-0150		150 to 160	
ADC-25-0150	250 x 150	150 to 160	11.73
ADC-25-0180		180 to 224	
ADC-25-0250		250 to 315	
ADC-25-0355		355 to 450	
ADC-40-0400	400 x 300	400 to 800	19.71
ADC-40-450		450	
ADC-40-500		500	
ADC-40-550		550 to 800	

N.B. Please specify duct diameter when ordering.

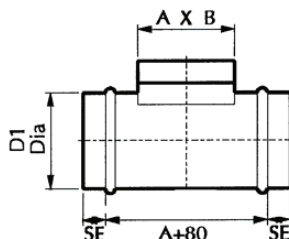
► Pressed Access Door & Saddles



Pressed Access Door

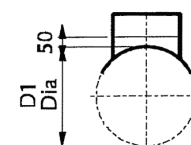
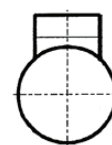
Code CC20

Code	Size 'A' x 'B'	Price
CC00	200 x 125	25.06
CC10	300 x 150	28.05
CC20	450 x 250	39.13
CC30	550 x 350	48.90
CC40	650 x 450	70.48



Access Section with Door

Code CASDR



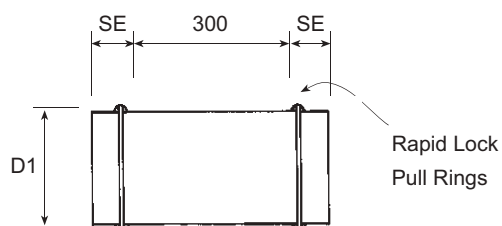
Saddle with Door

Code CSDR

Diameter 'D1'	Door Size 'A' x 'B'	CASDR Prices	CSDR Prices
80	200 x 125	78.25	62.92
100	200 x 125	78.58	62.92
125	200 x 125	79.01	62.92
150	300 x 150	82.96	65.99
160	300 x 150	82.96	65.99
180	300 x 150	84.98	63.95
200	300 x 150	85.50	65.99
224	300 x 150	88.90	65.99
250	460 x 250	104.43	80.25
280	460 x 250	108.02	80.25
300	460 x 250	108.53	80.25
315	460 x 250	108.91	80.25
355	460 x 250	111.30	80.25
400	530 x 360	135.00	98.74
450	530 x 360	140.75	98.74
500	635 x 360	145.00	98.74
560	635 x 430	181.49	134.98
600	635 x 430	192.86	134.98
630	635 x 430	196.70	134.98
710	635 x 430	199.16	134.98
800	635 x 430	223.14	134.98
900	635 x 430	227.00	134.98
1000	635 x 430	238.11	134.98
1118	635 x 430	285.19	140.62
1250	635 x 430	294.16	140.62

N.B. If doors supplied loose for fitting on site
We recommend that an additional gasket is fitted to these models to achieve a leakage rate to class D of DW142

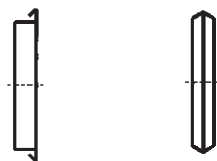
► Removable Section



Code RS

Code	Diameter 'D1'	Price
RS10	100	49.65
RS12	125	51.53
RS15	150	55.36
RS16	160	57.92
RS18	180	58.88
RS20	200	61.00
RS22	220	63.63
RS25	250	66.00
RS30	300	83.89

► Joint Flanges



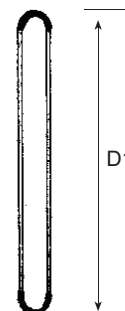
Flange Ring **Flange Clip**

Code
VLF

Code
VLC

Diameter Ø	Prices (each)		
	VLF	VLC	FITTING PRICE PER FLANGE
80			
100	5.57	6.59	5.34
125	5.57	6.59	5.34
150	5.57	6.59	5.34
160	5.57	6.59	5.34
180	5.57	6.59	5.34
200	5.57	6.59	5.34
224	5.57	6.59	5.34
250	5.57	6.59	5.98
280	5.57	6.59	6.24
300	6.46	11.82	6.24
315	6.46	11.82	6.24
355	7.62	14.03	6.24
400	8.94	14.25	6.38
450	9.75	15.10	8.63
500	11.66	18.08	8.63
560	12.47	19.30	9.30
600	13.08	20.15	10.09
630	13.68	21.01	11.95
710	19.80	30.78	14.21
800	23.43	36.33	15.27
900	26.82	37.06	15.27
1000	31.60	42.19	19.92
1118	35.81	43.18	19.92
1250	39.09	47.09	21.25
1422	43.39	52.33	25.24
1524	53.33	53.33	25.24

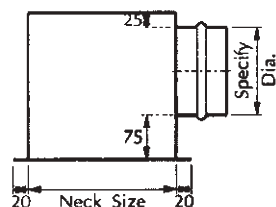
► Rapid Lock Rings



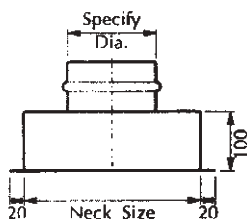
Code
RPC

Code	Diameter 'D1'	Price
RPC 0080	80	13.80
RPC 0100	100	14.48
RPC 0125	125	15.49
RPC 0150	150	16.72
RPC 0160	160	18.98
RPC 0180	180	19.42
RPC 0200	200	20.40
RPC 0224	224	20.40
RPC 0250	250	20.40
RPC 0300	300	25.38

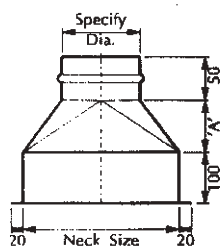
► Grille Boxes



Side Entry
Code GBSE



Top Entry
Code GBTE



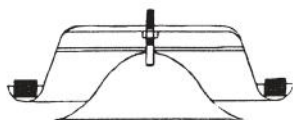
Square-Round
Code GBSQR

Neck Size (mm)	Dim 'A'	Prices		
		Type GBSE	Type GBTE	Type GBSQR
100 x 100	100	28.35	26.05	59.12
150 x 100	100	30.47	26.33	59.42
200 x 100	100	30.80	26.64	59.72
250 x 100	100	32.93	26.93	59.98
300 x 100	100	33.29	27.24	60.25
150 x 150	100	34.37	28.81	59.72
200 x 150	100	34.73	29.19	59.98
250 x 150	100	36.90	29.55	60.25
300 x 150	100	35.58	29.87	60.53
200 x 200	100	38.66	29.59	60.25
250 x 200	100	39.06	29.97	60.53
300 x 200	100	39.50	30.36	60.81
350 x 200	150	41.04	33.35	61.73
400 x 200	180	45.62	34.01	62.43
450 x 200	200	46.82	34.66	63.15
500 x 200	100	44.70	34.08	76.45
225 x 225	100	42.52	32.16	60.53
250 x 250	100	43.03	32.53	60.81
300 x 250	100	43.47	32.98	61.13
400 x 250	100	44.38	33.85	61.72
500 x 250	180	47.37	35.46	77.94
300 x 300	150	45.15	33.93	62.05
400 x 300	200	49.29	35.33	63.52
500 x 300	200	50.54	36.31	78.73
600 x 300	300	54.92	38.17	81.51
350 x 350	150	49.72	34.92	62.76
400 x 400	200	52.38	36.46	85.97
450 x 450	200	55.50	39.74	86.73
550 x 550	300	61.90	43.72	90.43
600 x 600	300	65.68	44.61	91.64

Other sizes can be supplied on request. If your requirements are for dimensions other than standard, please specify when ordering.

Code SMA: ts 25 x 25 x 595 long **£1.00** p/pair, 0.6 & 0.8 sheet metal.

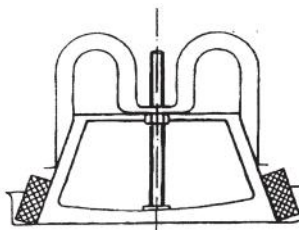
► Air Valves



**Supply and
Extract Valve**

Code **EVP**
Plastic

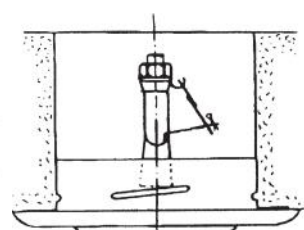
Diameter	Prices
100	5.05
125	6.18
150	7.63
160	9.16
200	10.68



Supply air Valve

Code **SAV**
Steel

Diameter	Prices
100	4.60
125	5.71
150	6.58
160	7.16
200	8.64



**Extract air Valve
with fire damper**

Code **EAVFD**
Steel

Diameter	Prices
100	34.59
125	39.07

Extract air Valve

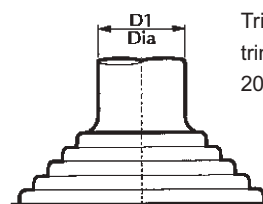
Code **EAV**
Steel

Diameter	Prices
100	4.60
125	5.71
150	6.58
160	7.16
200	8.64

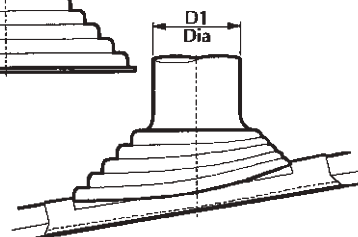
All valves have adjustable airflow calibration and are supplied with fixing rings.

► Master Flash

Code	Diameter 'D1'	Prices		
		EPDM	Silicone	Fixing Kit
MFW - 3	6 - 102	16.02	25.21	8.27
MFW - 4	75 - 152	21.07	31.28	8.27
MFW - 5	102 - 178	23.15	36.70	8.27
MFW - 6	127 - 228	27.01	42.47	8.27
MFW - 7	152 - 280	54.22	81.58	8.27
MFW - 8	178 - 330	59.96	91.06	8.27
MFW - 9	254 - 467	87.74	132.16	8.27
MFW - M	330 - 660	249.03	411.32	24.61



Trim to suit pipe diameter,
trimmed M-F Opening should be
20% less than pipe diameter.



Code **MFWE**

Code **MFWS**

ADVANCED OZONE RESISTANCE tested to...

EPDM

Silicone

HIGH TEMPERATURE RESISTANCE

70 Hours @ 500 pphm

70 Hours @ 500 pphm

tested to... intermittent

+135°C(+275°F)

+260°C(+500°F)

continuous

+100°C(+212°F)

+225°C(+437°F)

LOW TEMPERATURE RESISTANCE tested to...

-55°C(-65°F)

-74°C(-100°F)

TENSILE STRENGTH minimum...

COMPRESSION SET maximum...

10Mpa(1450 Psi)

5Mpa(700 Psi)

*Complete specification data and testing methods are available upon request.

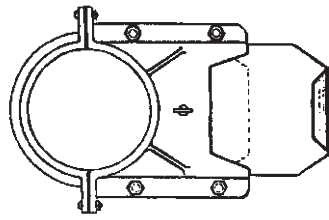
25%

50%

► Blast Gate Damper

Blast Gate Damper

Code **BGD**



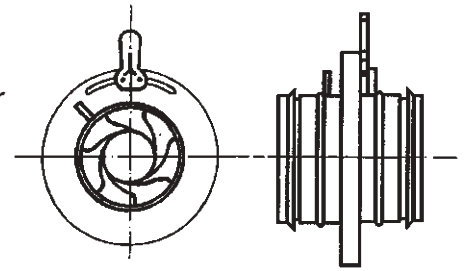
Diameter	Code	Prices
63	BGD 063	20.04
80	BGD 080	20.04
100	BGD 100	29.44
125	BGD 125	32.91
150	BGD 150	43.43
160	BGD 160	61.72
180	BGD 180	61.72
200	BGD 200	73.17
224	BGD 224	112.45
250	BGD 250	132.42
280	BGD 280	173.59
300	BGD 300	200.32
355	BGD 355	432.79

Die-cast aluminium with zinc plated blade. Fabricated available in larger sizes.

► Iris Dampers

Iris Damper

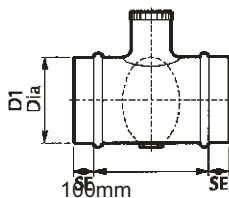
Code **ID**



Diameter	Code	Price
100	ID 100	PRICE UPON APPLICATION
125	ID 125	
150	ID 150	
160	ID 160	
200	ID 200	
250	ID 250	
315	ID 315	
400	ID 400	
500	ID 500	
630	ID 630	
800	ID 800	

Airflow measuring & regulation damper with sealed ends. Calibrated adjusting handle and manometer testing points.

► Single Blade Balancing Damper



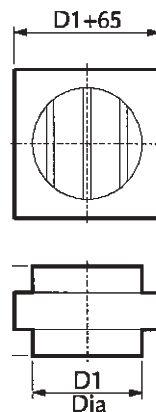
Single Blade Balancing

Code **DPB0080**

Diameter 'D1'	Prices DPB
80	25.53
100	21.37
125	21.60
150	24.61
160	29.93
180	31.35
200	26.19
224	37.14
250	30.72
280	41.59
300	34.14
315	43.65
355	54.80
400	57.55
450	78.84
500	177.70
560	177.70
600	201.40
630	201.40

► Opposed Blade Damper

Diameter 'D1'	Dim 'L'	Prices DOB
100	70	56.86
125	70	61.77
150	70	66.62
160	70	68.64
180	70	70.68
200	70	73.43
224	70	77.00
250	70	80.63
280	70	86.66
300	70	91.51
315	70	95.31
355	70	102.97
400	70	111.11
450	70	121.38
500	70	143.51
560	70	143.51
610	70	162.33
630	70	162.33
710	70	183.02
800	70	211.71
900	70	351.23
1000	70	374.17



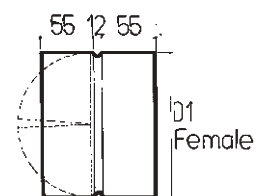
Code **DOB**

Multi-Blade Volume Control Dampers

Standard Construction

Galvanised casings, Aluminium blades, manual control

► Back Draught Damper

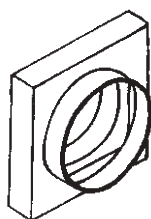


Backdraft

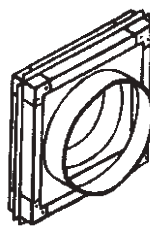
Code **BD**

Diameter 'D1'	Prices BD
80	
100	7.02
125	8.29
150	10.41
160	10.89
180	
200	14.08
224	
250	22.77
280	
300	
315	29.00
355	45.58

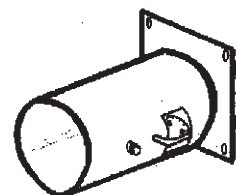
► Circular Fire Dampers



Plain
Code **FDCG**



With Holding Frame Code **FDCGF**
With Angle Frame Code **FDCGAF**



TRI/PRO FD/VCD
Code **FDVCD**

▼
Prices Low, medium, high pressure ductwork systems. Blade pack retained out of airstream, 2 hour fire rating.

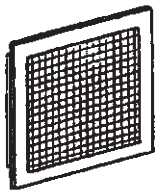
Diameter	Galvanised Case & Blades		
	Code FDCG	Code FDCGF/FDCGAF	Code FDVCD
100	56.59	81.86	70.64
125	57.82	88.72	73.08
150	58.99	89.85	77.35
160	59.86	90.74	82.83
180	60.49	91.50	
200	61.24	91.99	93.04
225	62.50	94.17	
250	63.64	97.56	109.00
280	65.07	99.51	
300	66.41	103.57	123.01
315	68.64	104.74	131.54
355	73.59	105.90	
400	75.37	115.58	
450	80.33	123.58	
500	93.88	143.37	
560	104.69	154.15	
600	120.51	173.03	
630	123.79	179.19	
710	145.04	203.62	

	Price
Fusible Links:- 72°C	12.38
95°C	18.02
124°C	18.02
145°C	18.02
182°C	18.02

	Code	Price
Microswitch, Single Pole	MSP	45.63
Microswitch, Double Pole	MDP	107.25
Visual Indicator	VI	9.66
Solenoid Valve (State Voltage)	SV	222.13

Stainless Steel Blades available upon request
Rectangular Fire Dampers available upon request

► Grilles



**'Egg-crate'
Extract Grille**
Code **ECG**

Aluminium Anodised Satin Finish

Duct Size	Prices	
	Code ECG Egg-crate Extract Grille	Code ECGD Egg-crate Extract Grille & Damper
150 x 150	12.35	19.45
200 x 200	15.13	24.51
250 x 250	18.40	30.11
300 x 300	23.58	36.63
400 x 400	34.02	52.69
450 x 450	39.47	62.46
600 x 600	59.83	110.15

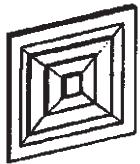
White Finish (RAL 9010)

Duct Size	Prices	
	Code ECGW Egg-crate Extract Grille	Code ECGDW Egg-crate Extract Grille & Damper
150 x 150	12.17	19.38
200 x 200	14.95	24.20
250 x 250	18.45	29.76
300 x 300	23.58	36.17
400 x 400	34.43	52.10
450 x 450	39.47	61.64
595 x 595 O/A	59.83	94.11

For sizes and types of grille not shown, please consult our sales office for prices.

Other RAL colours can be supplied at additional cost.

► Diffusers



1, 2 & 3 Way also
available from stock

White Finish (RAL 9010)

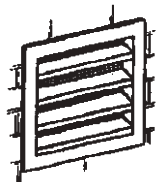
Neck Size (mm)	Face Size (mm)	Prices	
		Code CD Without Damper	Code CDD With Damper
150 x 150	295 x 295	23.24	25.36
225 x 225	370 x 370	24.56	30.96
300 x 300	445 x 445	29.18	41.16
375 x 375	520 x 520	32.70	45.80
450 x 450	595 x 595	25.89	46.47

Ceiling Diffuser (no Damper)
Ceiling Diffuser (with Damper)

Code **CD**
Code **CDD**

► Louvres

Aluminium Anodised Satin Finish



Opening Size (mm)	Price
150 x 150	15.30
200 x 200	18.80
250 x 250	21.97
300 x 300	28.23
400 x 400	35.05
450 x 450	40.49
600 x 600	60.01

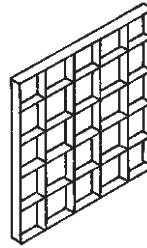
Weather Louvre Code **WL**

Other RAL & BS colours can be supplied at additional cost.

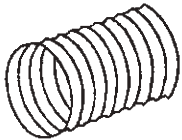
For sizes and types of grille not shown, please consult our sales office for prices.

► White PVC Egg Crate Core (To fit inside Ceiling Tile)

Code	Size	Price
ECC 1195	1195 x 595	26.69
ECC 595	595 x 595	15.68



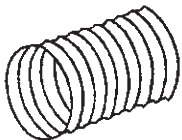
► Flexible Ductwork



Aluminium
Code PAK

Application: Heating ventilation systems & various industrial purposes.
Construction: Corrugated 90% pure Aluminium wound to produce a double overlap crimp joint, which is resistant to unwinding.
Features: Tested to BS476 Parts 6, 7, & 8 with negligible smoke generation.
Temp. Range: -30°C to +280°C **Air Velocity:** 25 metres/sec
Max Pressure: 2,500 Pa **Std Length:** 3 metres

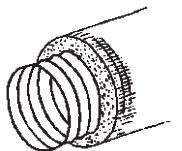
Size	80	100	125	150	160	180	200	250	300	315	355	400	450	500
Price	POA	23.82	26.79	37.04	46.97	POA	POA	POA	POA	POA	POA	POA	POA	POA



Aluminium
Code FAL

Application: Air conditioning & ventilation systems.
Construction: Tough multiple layer aluminium polyester, enclosing & supported by a spring steel helix
Features: Highly flexible, lightweight, economical & fire retardant to BS476 Parts 6, 7 & 20.
Temp. Range: -30°C to +125°C **Air Velocity:** 30 metres/sec
Max Pressure: 2,500 Pa **Std Length:** 10 metres

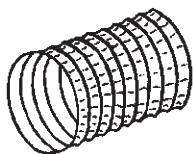
Size	100	125	150	160	180	200	224	250	300	315	355	400	450	500	560
Price	10.08	11.92	14.25	14.94	17.64	18.60	21.19	23.21	27.56	28.57	44.05	44.72	52.06	59.16	POA



Thermal
Aluminium
Code FALINS

Application: Heating & refrigeration air conditioning systems where a high degree of insulation is required.
Construction: Aluminium flex core, wrapped in 25mm high density fibre glass insulation and coated with an aluminium sheath
Features: Pre-insulated, fully lined, economical & fire retardant to BS476 Parts 6, 7, & 20
Temp. Range: -30°C to +125°C **Air Velocity:** 30 metres/sec
Max Pressure: 2,500 Pa **Std Length:** 10 metres

Size	100	125	150	180	200	224	250	300	315	355	400	450	500	610
Price	31.15	36.31	40.29	44.40	47.97	56.54	61.66	71.94	75.31	78.78	113.02	123.28	143.07	POA



P.V.C. Coated
Glass Fibre
Code FPVC

Application: Heating ventilation & air conditioning systems.
Construction: Grey coloured PVC coated glass fibre fabric, permanently bonded to a corrosion resistant spring steel helix.
Features: Lightweight, economical and fire retardant to BS476 Parts 6, 7 & 20.
Temp. Range: -5°C to +90°C **Air Velocity:** 30 metres/sec
Max Pressure: 2,500 Pa **Std Length:** 6 metres

Size	80	100	125	150	160	180	200	224	250	300	315	355	400	450	500	560	610
Price	14.10	15.36	19.66	22.26	22.73	28.66	29.59	36.19	38.81	46.53	50.69	59.92	65.12	74.54	84.95	98.27	110.04

Lightning Band **Code LBSS**

Price / 30 metres	22.26
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Housing & Screws **Code HSSS**

Price / 50	23.43
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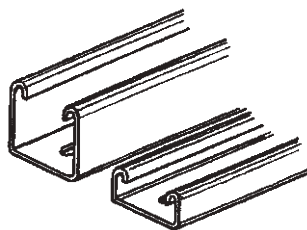


Code
QRC

Quick Release Clip	
Code QRC	
Size	Price
60 - 145	1.26
60 - 175	1.37
60 - 215	1.65
60 - 288	1.78
60 - 320	2.23
60 - 370	2.64
60 - 420	3.15
60 - 540	3.29

► Channel

Size	Code	Price
40 x 20 x 16G x 3m	SC 4020-3	18.89
40 x 20 x 16G x 5m	SC 4020-5	31.42
40 x 40 x 16G x 3m	SC 4040-3	25.26
40 x 40 x 16G x 5m	SC 4040-5	41.76
41 x 21 x 2.5 x 3m	SC 4121-3	27.36
41 x 41 x 2.5 x 3m	SC 4141-3	36.02
41 x 41 x 2.5 x 6m	SC 4141-6	72.11
41 x 21 x 2.5 x 6m	SC 4121-6	59.45
41 x 41 x 2.5 x 6m	PC 4141-6	75.65
82 x 41 x 2.5 x 6m	BBC8241-6	214.48



Code **SC** = Slotted (11mm slot)

Code **PC4141** = Plain

Code **BBC** = Back to Back

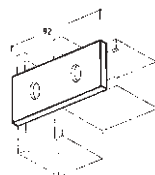
Manufactured from corrosion resistant galvanised steel.

► Channel Brackets (all holes 14 dia)

Code	Description	Price
W002	2 Hole Bracket	1.54
W003	3 Hole Bracket	2.47
W004	4 Hole Bracket	3.33
W005	5 Hole Bracket	3.95
W006	L Bracket	2.75
W007	Tee Bracket	4.58
W010	90 Degree Bracket	2.09
W013	90 Degree Bracket	2.31
W020	Welded Angle Bracket	8.36
W022	Obtuse Angle Bracket	2.99
W024	Acute Angle Bracket	2.37
W026	Shallow Z Bracket	3.81
W027	Single Z Bracket	4.57
W028	Double Z Bracket	6.02
W029	Half Channel Top Hat	2.77
W030	Single Channel Top Hat	2.47
W049	External Connector 40 x 40	6.87
W050	External Connector 40 x 20	5.69

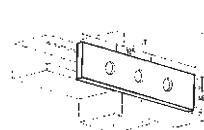
2 Hole Bracket

Code **W002**



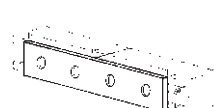
3 Hole Bracket

Code **W003**



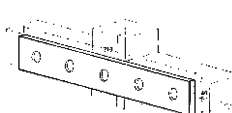
4 Hole Bracket

Code **W004**



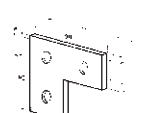
5 Hole Bracket

Code **W005**



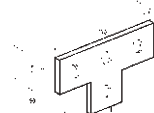
L Bracket

Code **W006**



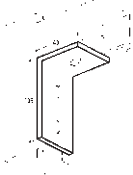
Tee Bracket

Code **W007**



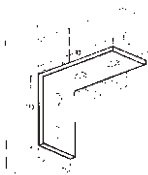
90° Bracket

Code **W010**



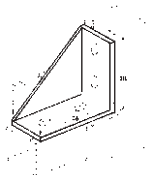
90° Bracket

Code **W013**



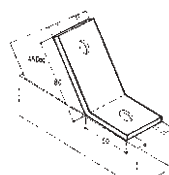
Welded Angle Bracket

Code **W020**



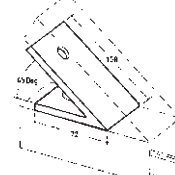
Obtuse Angle Bracket

Code **W022**



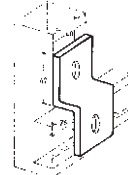
Acute Angle Bracket

Code **W024**



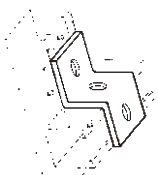
Double Z Bracket

Code **W026**



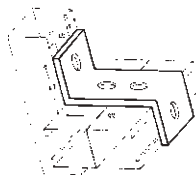
Single Z Bracket

Code **W027**



Double Z Bracket

Code **W028**



Half Channel Top Hat

Code **W029**



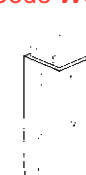
Single Channel Top Hat

Code **W030**



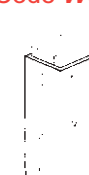
External Connector 40 x 40

Code **W049**



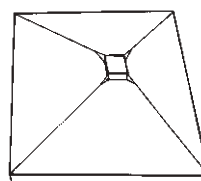
External Connector 40 x 20

Code **W050**



► Channel Brackets (all holes 14 dia)

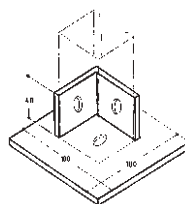
Code	Description	59.36
BIGFOOT305	305 x 305 Per Pair	4.81
BP	Base Plate	12.66
DBP	Double Base Plate	0.20
SCSWM6	M6 Channel Square Washer	0.20
SCSWM8	M8 Channel Square Washer	0.20
SCSWM10	M10 Channel Square Washer	0.20
SCSWM12	M12 Channel Square Washer	1.08
ACM6	Angle Cleat	1.08
ACM8	Angle Cleat	1.08
ACM10	Angle Cleat	1.08
ACM12	Angle Cleat	0.40
SCWM8	Channel Washer	0.40
SCWM10	Channel Washer	0.23
SCEC40	PVC End Caps 40 x 40	0.23
SCEC20	PVC End Caps 40 x 20	5.44
SP	Splice Plate 40 x 40	3.81
SP20	Splice Plate 40 x 20	3.49
WP20	Window Plate 40 x 40	3.40
WP40	Window Plate 40 x 20	4.80
WP80	Window Plate 80 x 40	1.71
ALM12	Angle Lindaptor 14mm Dia Hole	2.46
W031	Double Channel Top Hat	0.32
SCPNM6	M6 Channel Nut	0.35
SCPNM8	M8 Channel Nut	0.36
SCPNM10	M10 Channel Nut	0.48
SCPNM12	M12 Channel Nut	0.47
SCSNM6	M6 Channel Spring Nut	0.51
SCSNM8	M8 Channel Spring Nut	0.58
SCSNM10	M10 Channel Spring Nut	0.66
SCSNLM6	M6 Channel Spring Nut	0.51
SCSNLM8	M8 Channel Spring Nut	0.58
SCSNLM10	M10 Channel Spring Nut	0.66
SCSNLM12	M12 Channel Spring Nut	



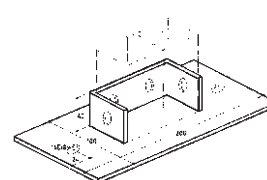
NEW

Big Foot (sold in pairs)
Code **BIGFOOT305**

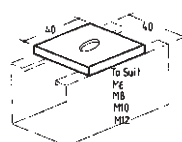
Base Plate
Code **BP**



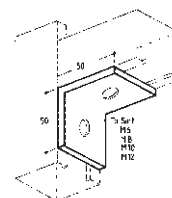
Double Base Plate
Code **DBP**



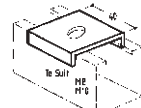
Channel Square Washer
Code **SCSW**



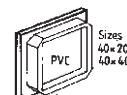
Angle Cleat
Code **AC**



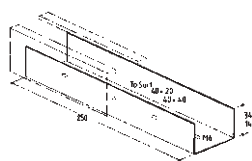
Channel Washer
Code **SCW**



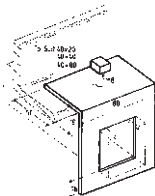
PVC End Caps
Code **SCEC**



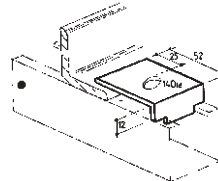
Splice Plate
Code **SP**



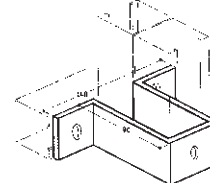
Window Plate
Code **WP**



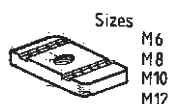
Angle Lindaptor
Code **ALM12**



Double Channel Top Hat
Code **W031**



Channel Nut
Code **SCPN**



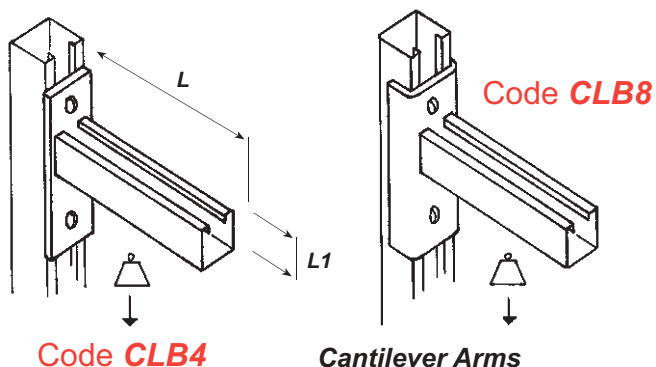
Channel Spring Nut
Code **SCSN**



Channel Spring Nut
Code **SCSNL**



► Duct Supports

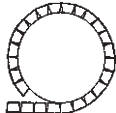


LOADS DESIGNED ON HEAVY DUTY CHANNEL

	L mm	Price
CLB 4	600	24.99
CLB 8	600	35.69
CLB 45	450	19.12

Crocodile Insulation Strip

Code PFC

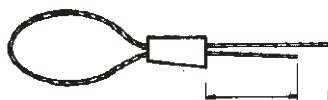


Size	Length	Code	Price
50w x 25d Phenolic 60kg	36 metres	PFC 2	105.41
50w x 38d Phenolic 60kg	30 metres	PFC 3	79.19
50 x 50 Phenolic 60kg	24 metres	PFC 5	118.43

Phenolic Flat 60kg/m³ Code PFS

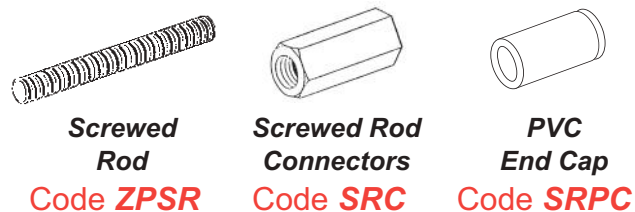
Size	Length	Code	Price
50w x 25d	36m (Box)	PFS 2	87.24
50w x 38d	30m (Box)	PFS 3	92.11
50w x 50d	24m (Box)	PFS 5	96.54

Cablemate Wire Rope System

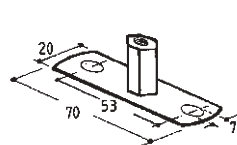


Minimum pull through 50mm

DOBY GRIP WIRE ROPE SUSPENSION SYSTEM			
Code	Description	Load Rating	Price
DG2	Doby Grip Pack of 20	50kg	59.22
DG3	Doby Grip Pack of 10	100kg	55.80
DGWR2	Doby Grip 2mm Wire Roll x 150m		53.04
DGWR3	Doby Grip 3mm Wire Roll x 150m		91.87
DG2K2	Doby Grip 2m Wire Kit x 10	50kg	47.23
DG2K5	Doby Grip 5m Wire Kit x 10	50kg	59.93
DG3K2	Doby Grip 2m Wire Kit x 10	100kg	74.56
DG3K5	Doby Grip 5m Wire Kit x 10	100kg	109.33
DG2CH	Doby Grip Ceiling Hanger x 10	40kg	32.67
DG3CH	Doby Grip Ceiling Hanger x 10	80kg	73.04
DGWC	Doby Wire Rope Cutters		82.18
CADDY SPEED LINK SLK SYSTEM			
Code	Description	Load Rating	Price
SLK2L1000SP	2mm Speed Link x 300m		64.12
SLK2C200	Speed Link Locking Device	45kg	1.92
SLK2L2LP	Speed Link 2mm x 2m Loop End	45kg	3.87
SLK2L3LP	Speed Link 2mm x 3m Loop End	45kg	4.34
SLK2L5LP	Speed Link 2mm x 5m Loop End	45kg	5.48

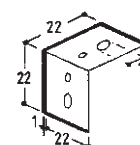


Code	Size	M6	M8	M10	M12
ZPSR	Price (per 3m)	1.84	3.05	4.86	7.23
SRC	Price (each)	0.25	0.35	0.51	0.70
SRPC	Price / 100	10.70	15.77	16.80	22.10



M8/M10 Fixed Back Plates

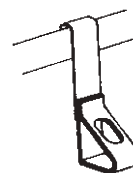
Code FB



HCB1 Ceiling Bracket

Code CB

Code	Size	Price
FB	Price (each)	3.73
CB	Price (per 100)	7.53



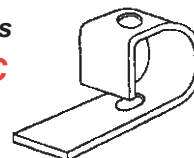
Caddy Clips

Code CC

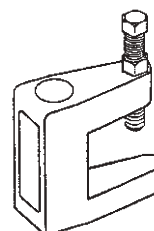
Size	Code	Flange Size	Price per 100
M8	CC1	2-5mm	174.23
M10	CC2	2-5mm	174.23
M8	CC3	5-7mm	174.23
M10	CC4	5-7mm	174.23

Purlin Clips

Code PC



Size	M10 / M12
Price (each)	0.82

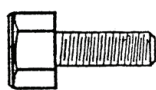


Beam Clamps

Code BC

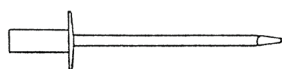
Size	M8	M10	M12
Price (each)	2.05	2.11	3.13

► Fixings

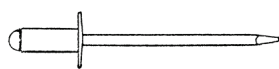


**Hexagon Head
Set Pins**
Code **ZPSP**

Thread Length	Prices per 100			
	M6	M8	M10	M12
20mm				
25mm	4.32	8.98	11.86	19.20
30mm				
40mm	3.17	12.85	20.34	33.43
50mm				
60mm				



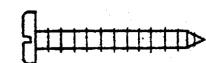
Pop Rivets
Fully Sealed
Code **SAPR**



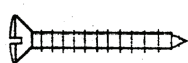
Multifast
Code **MAPR**

Price per 1000		
Code	Size	Price
SAPR 51	4x12 mm	37.30

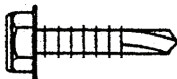
Price per 1000		
Code	Size	Price
MAPR 51	4x12 mm	20.02
MAPR 31	4.8x12 mm	24.65
MAPR 35	4.8x16mm	34.59



Self Tapping Screws
Pan Head
Code **STS**



Countersunk
Code **STCS**



Self Drilling
Screws
Code **SDC**

Prices per 1000		
Code	Size	Price
STS 828	8 x 25	30.94
STS 838	8 x 38	31.50
STCS 820	8 x 20	13.27
STCS 825	8 x 25	19.15
STCS 838	8 x 38	38.73
STCS 850	8 x 50	49.60
SDC 423	4.2 x 13	18.25
SDC 429	4.2 x 19	20.69
SDC 489	4.8 x 19	27.11
SDC 483	4.8 x 13	24.31
SCW 13 (Self Drill)	4.2 x 13 Sq Head	14.84
SCW 19 (Self Drill)	4.2 x 19 Sq Head	25.58

Plastic Rawlplugs

Code	Size	Screw Size	Price/1000
BRP	37mm long	10 to 14	11.43
RRP	32mm long	6 to 10	8.61

Chuck Adaptor for Self Drilling Screws

Code	Size	Price each
Chuck 4.2	4.2	9.21
Chuck 4.8	4.8	9.21
Chuck	Sq Head	9.21



**Hexagon Head
Nuts**
Code **ZPHN**

Size	M6	M8	M10	M12
Price per 100	2.22	2.96	6.54	8.40



Wedge Nuts
Code **WN**

Size	M6	M8	M10
Price per 100	35.78	35.78	40.24



Penny Washers
Code **PW**
(25mm DIA)



Spring Washers
Code **ZPSW**



Flat Washers
Code **ZPFW**

Size	Prices per 100			
	M6	M8	M10	M12
PW	1.53	2.41	2.41	5.83
ZPSW	0.51	1.18	1.62	2.51
ZPFW	1.52	1.62	2.21	3.08
RW	22.38	3/16 x 3/4 Rivet Washers 15.26/1000		



Non-Drill Anchors
Code **NDA**

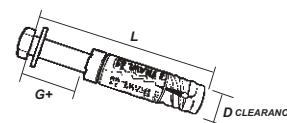
Size	M6	M8	M10	M12
Price per 100	10.67	15.25	24.63	70.74

Non-Drill Anchor Setting Tool



Code **STM**

Size	M6	M8	M10	M12
Each	8.09	9.86	11.15	11.49



**Masonry Bolt
With Shield**

Code
MBS

Code	Size	L	D	G	Price Each
MBS 8	M8	60	14	10	1.85
MBS 10	M10	70	16	12	2.14
MBS 12	M12	80	20	8	4.33

Coach Screws
Hex Head



Code
CS63

Part No	Size	Price Per 10
CS 63	M6 x 30	1.79
CS 64	M6 x 40	2.08
CS 82	M8 x 25	3.03
CS 84	M8 x 40	3.32
CS 85	M8 x 50	3.40
CS 102	M10 x 25	3.67
CS 104	M10 x 40	4.51
CS 105	M10 x 50	4.84
CS 107	M10 x 75	6.28

► Ancillary Products

▼ Sealants

Description	Code	Price
Solvent Based 350ml Cartridge	BSDSC	3.27
Water Based 310ml Cartridge	DMS 310WB	1.17
280ml Silicone Cartridge	DMSC (CLEAR) DMSW (WHITE)	4.17
Acrylic Sealer 6kg Tub	INDENDEN 40-32	20.86
Intumescent Sealer 380ml	ARBOXL 1075	3.84
Chalking Gun	CG	7.17

▼ Flange Rubber

Description	Code	Price
Sabre EPDM 15mm x 6mm x 10m	EPDM 15	2.73
Sabre EPDM 19mm x 6mm x 10m	EPDM 19	3.70
Sabre EPDM 19mm x 6mm x 15m	EPDM 1915	5.33
BUTYL 12mm x 3mm x 4m	BL 12	4.83
BUTYL 15mm x 4mm x 8m	BL 15	11.06
BUTYL 19mm x 3mm x 4m	BL 19	6.52
BUTYL 25mm x 3mm x 4m	BL 25	8.33

▼ Rectangular Flange System

DOBY FLANGE				
Size	Code	Size/Gauge	Price per 5m Length	No. per Bundle
20	DFL 120	0.8mm	16.96	50
30	DFL 130	1.0mm	21.72	50
40	DFL 140	1.25mm	38.89	50
DOBY STIFFENERS				
20	DVS2	1.6mm	19.26	50
30	DVS3	1.6mm	29.41	50
40	DVS4	2.0mm	37.33	50
DOBY CORNERS (FLANGE)				
20 Short	DFC 20	3mm	82.75 / (200 Box)	
20 Long	DFC 20L	3mm	95.97 / (200 Box)	
30	DFC 30	4mm	72.52 / (100 Box)	
40	DFC 40	5mm	90.03 / (50 Box)	
DOBY CORNERS STIFFENERS				
20	DVS2C	1.6mm	74.54 / (200 Box)	
30	DVS3C	1.6mm	115.60 / (200 Box)	
40	DVS4C	2.0mm	77.34 / (100 Box)	
DOBY CLEATS/CLAMPS				
20/30	DDC	Cleat 20 Flange Clamp	48.74 / (200 Box)	
40	DCV	20-30-40 Flg Heavy Clamp	165.17 / (200 Box)	
40	CV	Heavy Clamp 30/40 Flange	109.30 (200 Box)	

GEBHARDT FLANGE SYSTEM				
Size	Code	Size/Gauge	Price per 5mm Length	No. per Bundle
20	GSFPREM20	0.7mm	11.80	100
30	GSFPREM30	0.8mm	17.70	100
40	GSF P40	0.8mm	42.64	100
GEBHARDT STIFFENER				
30	GSFS 35	1.75mm	35.40	50
40	GSFS 45	1.75mm	47.20	50
GEBHARDT CORNERS				
20 Short	GSF 20SC	2.5mm	144.01 / (500 Box)	
20 Long	GSF 20LC	2.5mm	201.40 / (500 Box)	
30	GSF 30C	2.8mm	148.84 / (250 Box)	
40	GSF 40C	2.8mm	218.83 / (150 Box)	

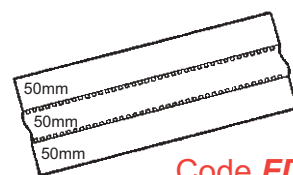
ST.ST FLANGE POA

▼ Duct Tapes

Description	Code	Price
Grey Cloth Tape 50 Wide x 50m	GCT	4.65
Grey PVC Tape 50 Wide x 33m	GPVCT	3.98
White PVC Tape 50 Wide x 33m	WPVCT	3.97
Silver tape 50 Wide x 50m	ST	6.43
Silver tape 100 Wide x 50m	ST 100	9.42

▼ Supports Rubber

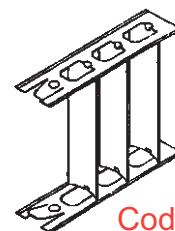
Description	Code	Price
Polyethylene 25mm x 6mm x 10m	PR 25	2.48
Polyethylene 40mm x 6mm x 10m	PR 40	3.31



Code **FDCP**
Code **FDCGF**

▼ Flexible Connector

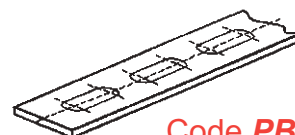
Description	Code	Price
Polyester Coated x 25m	FDC - P25	87.38
Glass Fibre x 25m	FDC - GF25	141.41



▼ Turning Vane & Track

Code **TVT**

Description	Code	Price
Turning Vane x 3m	TV	7.08
Turning vane track x 3m	TVT	6.80



▼ Punch Banding

Code **PB25**

Description	Code	Price
25w x 30m Roll	PB	27.42

▼ Barafoam

Code	Size	Fire Classification	Specification	Prices
FA6-0	30m x 1m Roll	Class 0	6mm Self Adhesive	386.42
FA13-0	2m x 1m	Class 0	13mm Self Adhesive	55.00
FA25-0	2m x 1m	Class 0	25mm Self Adhesive	70.37
FA50-0	2m x 1m	Class 0	50mm Self Adhesive	136.27

▼ Duct Wrap

Code	Size	Specification	Prices
ROCK2	1.2m x 18m	25mm	139.89

▼ Conduit

Code	Size	Specification	Prices
GC 20	3.75 metres	20mm	14.11
GC 25	3.75 metres	25mm	19.32
RWM10	-	10mm Rubber Washers	6.95

Finish - GALVANISED

▼ Damper Quadrant Sets (Die Cast Alu)

Size	Size	Price
Small	DQS 1	7.21
Medium	DQS 2	9.06
Large	DQS 3	16.01
Extra Large	DQS 4	33.99

▼ Guy Supports (Galv. Finish)

Code	Description	Price
GW	3mm x 30mts Wire	15.22
GW6	6mm x 30mts Wire	37.02
GB	3mm Bulldogs	0.26
GB6	6mm Bulldogs	0.75
GT	3mm Thimbles	0.26
GT6	6mm Thimbles	0.75
GD	5/16d Shackle	0.77
GS6	6mm Strainer	3.38
GS8	8mm Strainer	3.98

▼ Paint / Brushes

Code	Description	Price
SP 500	500mm galv. spray tin	10.29
PB 25	25mm Medium Paint Brush	2.25
PB 50	50mm Medium Paint Brush	3.78
TB500	500mm Top Black Spray Paint	9.81

▼ Piano Hinge

Size	Code	Price / Length
PH 1.5	38mm Open x 1.5m Long 16g x 10g Pins	17.75

Finish - ZINC PLATED

▼ Polythene (500g)

Code	Description	Price
PB 1	36 x 56 Bag	1.36
PB 2	24 x 36 Bag	0.93
PB 3	4m x 25m Roll	70.80
BT	50mm x 60m Parcel Tape	0.96

▼ Toggle & Hook

Code	Description	Price
TH 2	No. 25 per set	3.59
TH 3	No. 33 per set	3.93

▼ Vane Rivets

Code	Description	Price
BVR	Splitter Vane Rivets	82.59 / 100

▼ Weldmesh

Code	Pattern	Size	Gauge	Prices
WM	13mm x 13mm	914 x 30mtrs	16	477.81
WM 4	13mm x 13mm	1220 x 30mtrs	16	647.04
WML	13mm x 13mm	914 x 30mtrs	19	222.36
WM4L	13mm x 13mm	1220 x 30mtrs	19	286.62

Finish - GALVANISED

▼ Woodscrews (Plated)

Code	Description	Price / 200
WS 1	No. 8 x 19	5.21
WS 2	No. 8 x 38	7.26
WS 3	No. 8 x 45	9.13
WS 4	No. 10 x 45	8.79

► Site Equipment

▼ Drills

Code	Description	Price
SD 18	3mm Stub Pack of 10	24.38
SD 532	4mm Stub Pack of 10	25.40
SD 1364	5mm Stub Pack of 10	26.41
HS 6	M6 Standard	6.10
HS 8	M8 Standard	10.32
HS 10	M10 Standard	16.52
HS 12	M12 Standard	25.72

▼ Hammer Drills

Code	SDS M6	SDS M8	SDS M10	SDS M12
Price	8.42	8.73	11.96	15.30

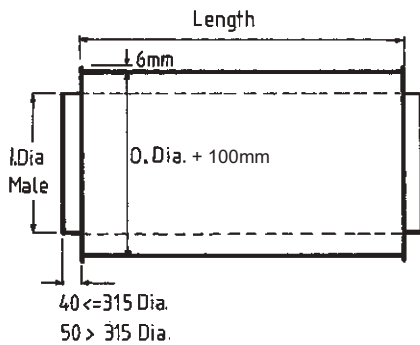
▼ Cutting Discs

Code	Description	Price
CD 4	100 x 3.2	3.68
CD 7	127 x 3.2	5.24
CD 9	227 x 3.2	7.23
CD 14	356 x 0.125	17.05
UTCD115	Ultra Thin	1.99

▼ Miscellaneous

Code	Description	Price
HP	Hand Rivetor (Pliers)	23.55
LP	Lazy Tongs	81.49
MT	10ft Measuring Tape	4.08
HB	24 tpi Hacksaw Blades	3.16
JB	Bosch TW118A	3.01
RG	Rigger Gloves	6.11
BG9	Black Gloves	8.55

► Silencers



Silencers
Code SIL

d	L = 300mm		L = 600mm		L = 900mm		L = 1200mm	
	Order Code	£	Order Code	£	Order Code	£	Order Code	£
100	0100-03	36.52	0100-06	31.82	0100-09	58.13	0100-12	83.47
125	0125-03	37.13	0125-06	35.14	0125-09	62.50	0125-12	85.81
150	0150-03	42.65	0150-06	38.58	0150-09	66.87	0150-12	95.36
160	0160-03	46.99	0160-06	39.57	0160-09	71.68	0160-12	95.36
200	0200-03	57.83	0200-06	45.63	0200-09	87.15	0200-12	115.50
250	0250-03	69.98	0250-06	53.32	0250-09	104.07	0250-12	132.62
300	0300-03	75.99	0300-06	64.98	0300-09	109.32	0300-12	150.13
315	0315-03	76.40	0315-06	64.98	0315-09	120.31	0315-12	168.61
355	0355-03	104.07	0355-06	116.79	0355-09	157.18	0355-12	180.47
400	0400-03	106.74	0400-06	118.74	0400-09	173.30	0400-12	207.77

Circular Silencers

In addition to the above off the shelf silencer, we manufacture Plant Room silencers Straight and Pod type and offer the same options as below.

Rectangular Silencers

We also manufacture Rectangular Silencers to order featuring the following options.

1. Generally manufactured to DW 144
2. Fire Rated casing option
3. Perforated mesh faced splitters
4. Melinex facings for easy cleaning
5. Powder coatings to any RAL colour
6. Chlorinated Rubber finish
7. Stainless steel construction

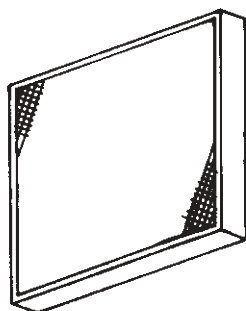
Should you know your requirements give us the following information and we will give you a price by return.

1. Proposed Attenuator Size
2. Air Volume
3. Maximum Pressure Loss
4. Any particular construction requirements

Contact our sales team for our silencer brochure. Or visit our website.

Notes: For silencer insertion losses and details of our full range of rectangular and circular silencers ask for our catalogue Ductmann Acoustics

► Filters



▼ Glass Media Panel Filters - Code GMP

Nominal Size	Price 1" Thick	Price 2" Thick
250 x 250	6.58	6.85
300 x 300	7.45	8.69
400 x 400	9.66	10.75
500 x 500	10.90	12.50
600 x 600	12.16	14.25

▼ Grease Filters (Galv/Alu) - Code GF

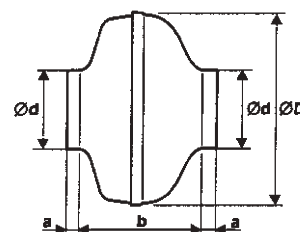
Nominal Size	Price 1" Thick	Price 2" Thick
250 x 250	26.22	29.96
300 x 300	27.40	41.36
400 x 400	33.04	49.54
500 x 500	41.26	58.80
600 x 600	51.65	76.45

Filter Boxes Manufactured to order

► Fans

▼ Standard Range

Size	Code	Range in M ³ /s	£
100	FAN0100A	0.069 - 0.015	105.19
125	FAN0125A	0.087 - 0.017	105.19
150	FAN0150A	0.165 - 0.033	105.95
160	FAN0160A	0.165 - 0.033	117.37
200	FAN0200A	0.214 - 0.016	128.78
250	FAN0250A	0.252 - 0.069	134.18
315	FAN0315A	0.036 - 0.162	200.84



Code **FAN**

▼ High Performance Range

Size	Code	Range in M ³ per second	£
150	FAN0150H	0.186 - 0.033	127.50
160	FAN0160H	0.186 - 0.033	147.01
200	FAN0200H	0.242 - 0.048	166.52
250	FAN0250H	0.27 - 0.053	171.01
315	FAN0315H	0.51 - 0.217	225.12

▼ Sizes

d	D	b	a
100	280	168	36
125	280	168	36
150	372	178	36
200	379	185	27
250	379	205	27
315	441	205	27

SP 5001	Speed Control	59.24
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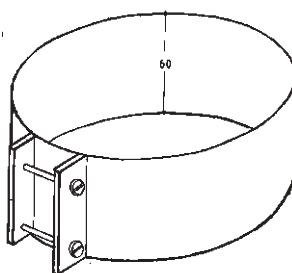
In addition to the above off the shelf In Line Fans we also supply and manufacture the following ranges.

• Domestic Fans • Acoustic in line Box Fans • acoustic in line Twin Fans • Axial Fans • Small AHU's

We are stockists for the complete range of Vent Axia fans supplied at short notice, for fan selections ask our sales team or visit their website on www.vent-axia.com. Contact our sales team for further information or visit our website.

► Fast Clamp

Size	Code	Price
100	FC0100	10.86
125	FC0125	10.86
150	FC0150	12.48
160	FC0160	12.48
200	FC0200	13.38
250	FC0250	15.03
315	FC0315	18.31
400	FC0400	27.79
500	FC0500	36.69



Code **FC**

Ductwork

Product	Size	PVC	PVC	PVC	Steel	Steel
		308 x 29	234 x 29	206 x 60	234 x 29	308 x 29
Airbrick	Code	VKC753	VKC703	VKC5631	SVKC703	SVKC753
Adapter	Price	POA	POA	POA	POA	POA
2 x Airbrick	Code		VKC712	VKC5633	SVKC712	SVKC100
Adapter	Price		POA	POA	POA	POA
Airbrick	Code			VKC5615	SVKC561	
100 Dia	Price			POA	POA	
Flat Channel	Code	VKC754	VKC706	VKC5604		
1 Metre	Price	POA	POA	POA		
Flat Channel	Code	VKC755	VKC707	VKC5629		
2 Metre	Price	POA	POA	POA		
Galvanised	Code				SVKC706	SVKC754
1.5 Metre	Price				POA	POA
Flat Channel	Code	VKC750	VKC703	VKC5608	SVKC700	SVKC750
Connector	Price	POA	POA	POA	POA	POA
Horizontal	Code	VKC759	VKC711	VKC5616	SVKC711	SVKC759
45 Deg Bend	Price	POA	POA	POA	POA	POA
Horizontal	Code	VKC751	VKC701	VKC5605	SVKC701	SVKC751
90 Deg Bend	Price	POA	POA	POA	POA	POA
Vertical	Code	VKC757	VKC709		SVKC709	SVKC760
45 Deg Bend	Price	POA	POA		POA	POA
Vertical	Code	VKC758	VKC710	VKC5612	SVKC710	SVKC758
90 Deg Bend	Price	POA	POA	POA	POA	POA
Elbow Bend	Code	VKC752	VKC702	VKC5625		
100 Diameter	Price	POA	POA	POA		
Rec/round	Code		VKC708	VKC5615	SVKC708	SVKC100
100 Diameter	Price		POA	POA	POA	POA
Support Clip	Code			VKC5610		
	Price			POA		
Taper	Code		VKC756		SVKC756	
	Price		POA		POA	
Flexible	Code			VKC5627		
Bend	Price			POA		

Flat Domestic Ductwork

Ideal for fitting in kitchens concealed above wall units or in wall or ceiling voids due to its low profile.

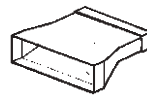
PVC Ductwork

1. Manufactured with self extinguishing materials to meet fire retardant standard UL94V2
2. Further sizes available in range (110 x 54) (150 x 70) (180 x 95)
3. Push fit socket and spigot joints (connectors required to join flat channel lengths)
4. Easily cut with a hacksaw

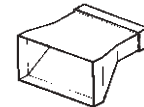
Galvanised Ductwork

1. Manufactured to DW 144
2. Connectors required at every joint
3. Flat channels incorporate flanges on each side for drilling and fixing to building
4. Dimension across flanges on flat channel (308 x 29) 355mm and (234 x 29) 280mm

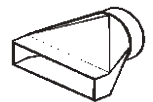
Air Brick Adapter
For codes see table



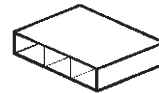
2 x Airbrick Adapter
For codes see table



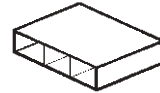
Air Brick 100 Dia
For codes see table



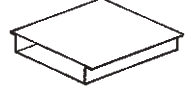
Flat Channel 1 Metre
For codes see table



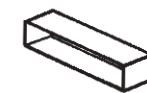
Flat Channel 2 Metre
For codes see table



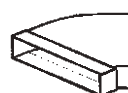
Galvanized 1.5 Metre
For codes see table



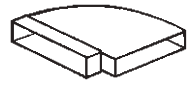
Flat Channel Connector
For codes see table



Horizontal 45° Bend
For codes see table



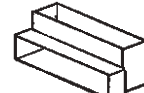
Horizontal 90° Bend
For codes see table



Vertical 45° Bend
For codes see table



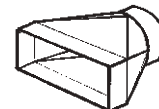
Vertical 90° Bend
For codes see table



Elbow Bend 100 Dia
For codes see table



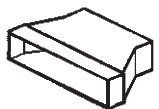
Rec/Round 100 Dia
For codes see table



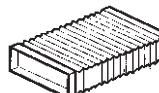
Support Clip
For codes see table



Taper
For codes see table

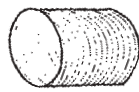


Flexible Bend
For codes see table

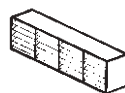


Product	Code	Price
100 Dia Flex 10 metres	DFAL0100	POA
204 x 60 Air Brick	DVVC704	POA
100 Dia Extract Valve	DEAV0100	POA
200x 200 100 Dia	DGBTE200x200	POA
Quick Release Clip	DQRC145	POA
200 x 200 Grille	DECG200x200	POA

100 Dia Flax 10 Metres
Code DFAL0100



204 x 60 Air Brick
Code DVVC704



100 Dia Extract Valve
Code DEAV0100



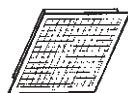
Quick Release Clip
Code DQRC145



200 x 200 100 Dia
Code DGTE 200 x 200

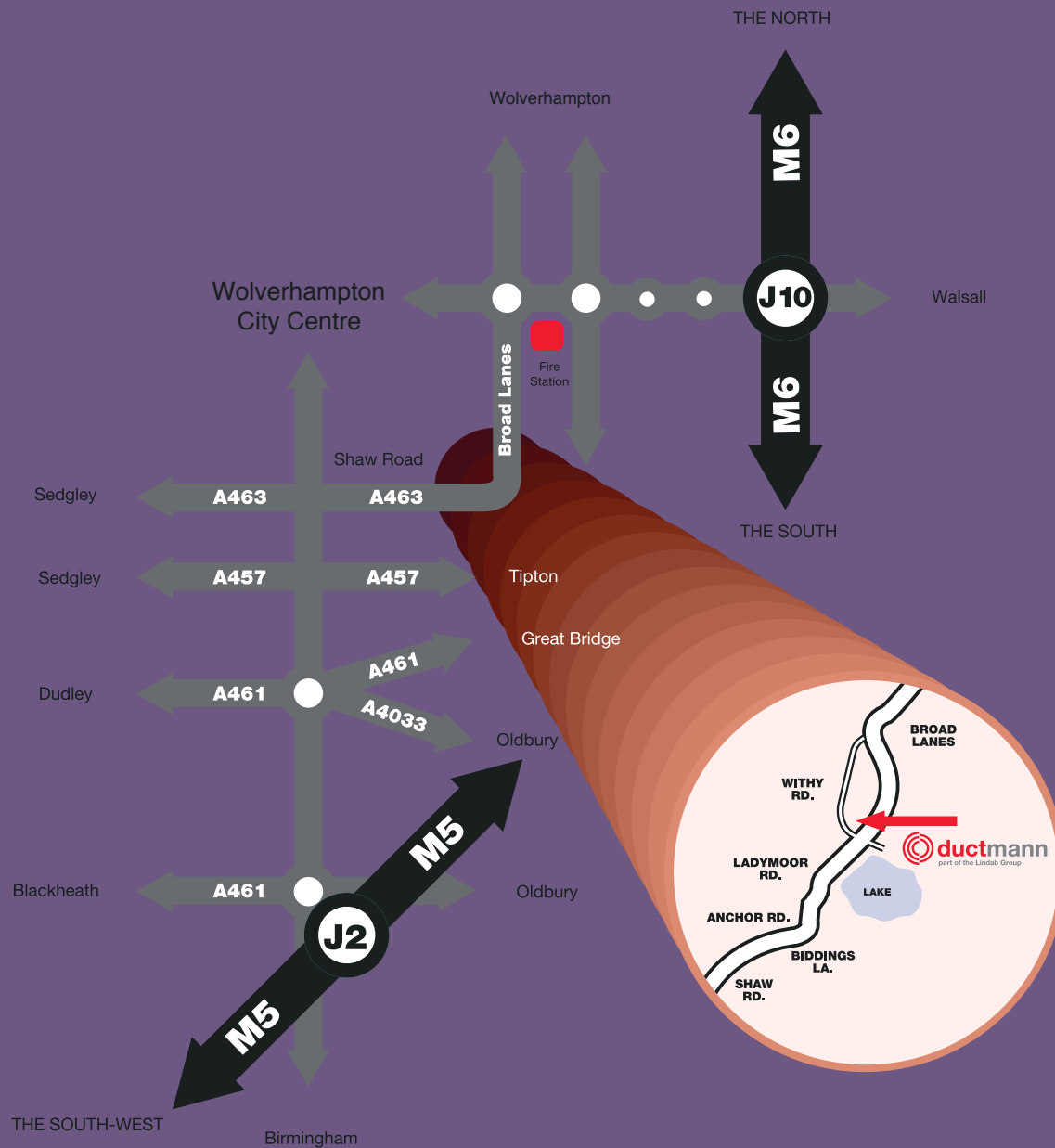


200x 200 Grille
Code DECG 200 x 200



► Terms and Conditions of Sale

1. Unless otherwise expressly agreed in writing by the Seller (Ductmann Limited) no goods shall be supplied by the Seller to the Buyer except in accordance with these conditions, which supersede any earlier sets of conditions appearing in the Seller's catalogues or elsewhere. The conditions shall constitute the entire terms and conditions of the contract between the Buyer and the Seller and in the event of any conflict, these conditions stipulated incorporated or referred to by the Buyer whether in the order or in any negotiations or otherwise.
2. Prices quoted by the Seller to the Buyer will be valid for seven days only from the date of the quote. Subject Ductmann Limited reserves the right to increase prices, packaging and specifications without prior notification. VAT is to be added to prices quoted for mainland UK and Northern Ireland.
3. Any time or date named by the Seller for delivery of any goods is given as a forecast in the light of prevailing conditions and is given and intended as an estimate only. If notwithstanding the Seller's best endeavors the Seller fails to despatch or deliver the goods by such time or date, such failure shall not constitute a breach of the contract and the Seller shall not be liable to the Buyer to make good any damage or loss whatsoever whether arising directly or indirectly out of any delay in delivery. In the event that for any reason the Seller is unable to supply any goods on or at the time or date named for delivery, such time or date shall be postponed for a reasonable time.
4. The Buyer shall inspect the goods immediately upon delivery thereof to him and shall:
 - i. on goods delivered outside England and Wales within 14 days or,
 - ii. on all goods delivered within England and Wales within 7 days carry out such inspection and give notice in writing to the Seller of any matter, thing, defect or shortage by reason of which he alleges that the goods are not in accordance with the contract.
5. Save in respect of death or personal injury resulting from the negligence of the Seller its servants or agents, the Seller shall not be liable for any claim or claims (by direct or indirect consequential or incidental injury, loss or damage made by the Buyer against the Seller whether in contract or tort (including negligence on the part of the Seller its servants or agents) arising out of or in connection with any defects in the goods or any act, omission, neglect or default (whether or not the same constitutes a fundamental breach of contract or breach of a fundamental term thereof) of the Seller its servants or agents in the performance of this contract. If the Seller is found to be liable or admits liability the liability should be limited to the value of the invoice to which the claim relates.
6. The Buyer accepts that the person acknowledging receipt of goods from the Seller is a customer, employee or agent and the signature on the appointed carriage delivery note is legal proof of delivery of the goods.
7. In the event that the Buyer fails for any reason to accept delivery of the goods, the Seller shall be entitled to store the goods until the actual delivery and the Buyer shall be liable to the Seller for the reasonable costs of storage and insurance.
8. Goods may not be returned by the Buyer to the Seller without prior written agreement. Any such goods must be returned accompanied by a goods returns note stating the Seller's advice note number and invoice number on which the goods were originally supplied. Where a handling charge applies this will be notified by the Seller to the Buyer in writing prior to return of the goods.
9. All accounts are payable on demand. In the absence of demand, payment in full for the goods supplied shall be made by the Buyer to the Seller on or before the thirtieth day following the date of the invoice. Furthermore, the Seller shall be entitled to charge interest at the rate of 2.5% per month upon all overdue balances. The Seller shall also be entitled to charge such reasonable costs as it may incur in recovering any overdue balances.
10. The time within which the Buyer is to pay for the goods shall be of the essence of this contract and in the event that the Buyer shall fail to make payment by the due date, all sums due to the Seller from the Buyer under this or any other contract for the supply of goods shall forthwith become due and payable to the Seller.
11. The risk in respect of all goods sold under this contract shall pass to the Buyer upon despatch of the goods by the Seller from the Seller's premises, notwithstanding agreement by the Seller to bear the cost of delivery or to deliver the goods itself
12. Title in the goods shall not pass until the purchase price of the goods has been paid or satisfied in full under this or any other contract, if by cheque then only on clearance, notwithstanding the delivery of the same and the passing of risk therein. The Buyer shall store the goods in such a way that they can readily be identified as being the Seller's property.
13. The Seller retains a general lien on any of the Buyer's equipment or other goods in the Seller's possession for any unpaid balance the Buyer may owe to the Seller.
14. The Seller shall not be liable in respect of conditions or warranties whether expressed or implied, that have not been confirmed by them in writing. The Seller shall not be liable in respect of consequential loss.
15. This contract shall be governed by English Law and the parties hereto shall submit to the sole jurisdiction of the English Courts.



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