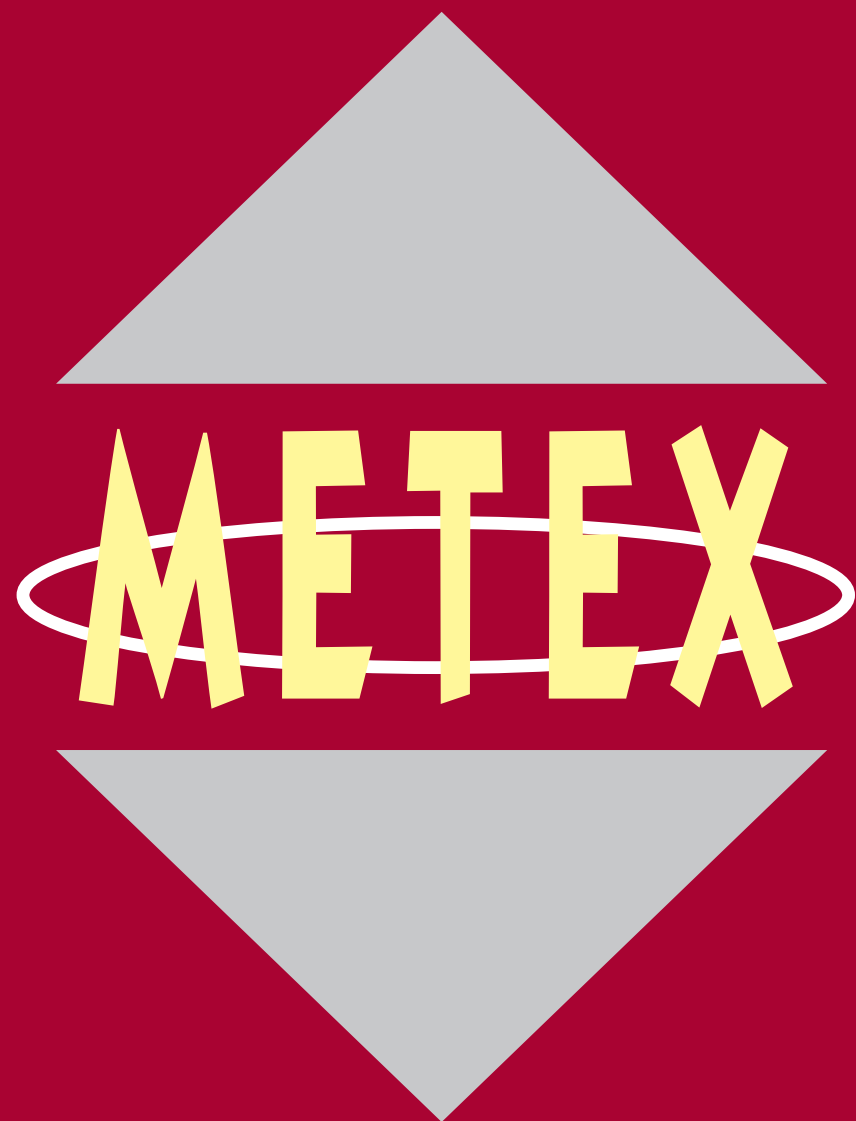
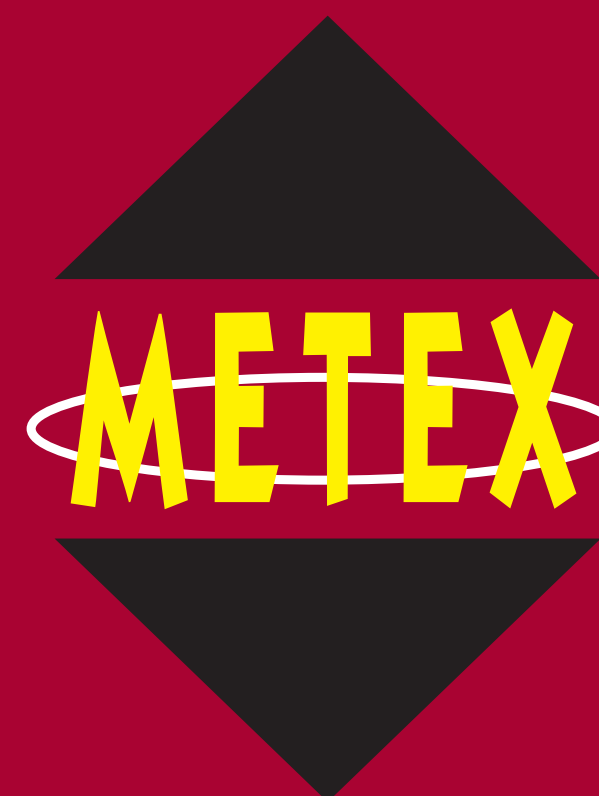
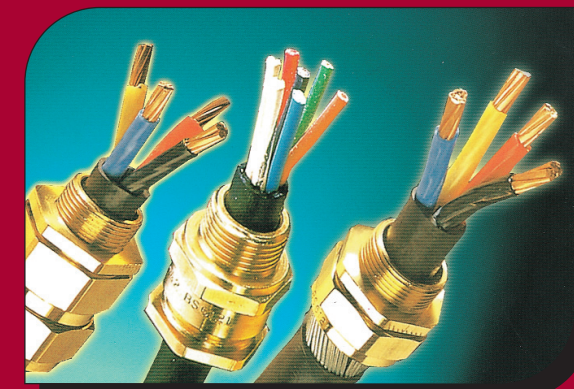




METEX PRODUCTS



Marketed by:
Alpha Star TRADING

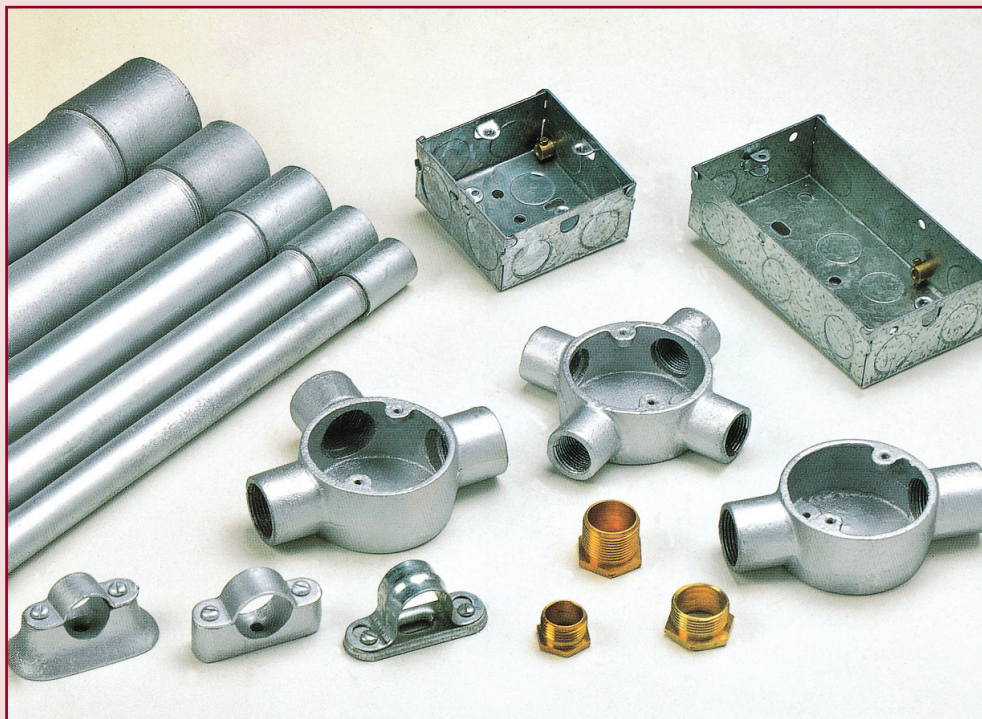
UK Office: Tel: 020 8552 4105, Fax: 020 8552 8865. 314, High Street North,
Manor Park, London E12 6SA. Email: exportsales@fsmail.net

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Telefax: +91 44 42822367
Email: fareed@alphastarindia.com



METALLIC ELECTRICAL CONDUITS & FITTINGS

GALVANISED STEEL CONDUITS

Material : Steel

Finish : Hot dip galvanised both inside and outside

Standard : BS 4568 Part 1 Class 4

Standard Length : 3.75 metre

Conduits are supplied with both ends screwed and complete with one solid coupling.

Outer Diameter	No. of lengths per bundle	Approx. weight per Length(kgs)
20mm	8	2.90
25mm	8	3.66
32mm	4	4.88

SPACING OF SUPPORTS FOR CONDUITS

The following table gives guidance on the spacing of supports for conduits.

Nominal size of conduit mm	Maximum distance between supports	
	Horizontal runs m	Vertical runs m
17-25	1.75	2.0
26-40	2.0	2.25
Over 40	2.25	2.5

For more details, please refer 16th edition of I.E.E Wiring Regulations Appendix 11.

CABLE CAPACITIES OF CONDUITS

The following tables give guidance on the calculation of the number of singlecore PVC insulated cables which can be pulled in various sizes of conduit.

The tables deal with two particular cases.

1. Singlecore PVC insulated cables in straight runs not exceeding 3 metres in length.
2. Singlecore PVC insulated cables in straight runs exceeding 3 metres in length or in runs of any length with bends or sets.

1. Straight runs not exceeding 3 metres in length

- a) For each type of cable being used, obtain the cable factor from Table A.
- b) Sum all the cable factors and compare with the conduit factors given in Table B.
- c) The conduit sizes which will accommodate the cables are those with a conduit factor equal to or greater than the sum of cable factors.



The following Tables A,B,C and D are for guidance only and any future wiring needs should be taken into account.

Table A - Cable factors for short straight runs

Type of Conductor	Conductor cross-sectional area in mm²	Factor
Solid	1	22
	1.5	27
	2.5	39
Stranded	1.5	31
	2.5	43
	4	58
	6	88
	10	146

Table B - Conduit factors for short straight run

Conduit diameter in mm	Factor
20	460
25	800
32	1400

2. Straight runs exceeding 3 metres in length or runs of any length incorporating bends or sets

- a) For each type of cable being used cable factor can be obtained from Table C.
b) Sum all cable factors and compare with conduit factor given in Table D for the relevant length of run and the number of bends and sets in that run.
c) The conduit sizes which will accommodate the cables are those with a conduit factor equal to or greater than the sum of cable factors.

Table C - Cable factors for long straight runs, or runs incorporating bends

Type of Conductor	Conductor cross-sectional area in mm²	Factor
Solid or Stranded	1	22
	1.5	27
	2.5	39

Table D - Conduit factors for runs incorporating bends

Length of run (metres)	Conduit diameter in mm															
	20	25	32	20	25	32	20	25	32	20	25	32	20	25	32	32
1	Covered by Table A & Table B			303	543	947	286	514	900	256	463	818	213	388	692	
1.5				294	528	923	270	487	857	233	422	750	182	333	600	
2				286	514	900	256	463	818	213	388	692	159	292	529	
2.5				278	500	878	244	442	783	196	358	643	141	260	474	
3				270	487	857	233	422	750	182	333	600				
3.5	290	521	911	263	475	837	222	404	720	169	311	563				
4	286	514	900	256	463	818	213	388	692	159	292	529				
4.5	282	507	889	250	452	800	204	373	667	149	275	500				
5	278	500	878	244	442	783	196	358	643	141	260	474				
6	270	487	857	233	422	750	182	333	600							
7	263	475	837	222	404	720	169	311	563							
8	256	463	818	213	388	692	159	292	529							
9	250	452	800	204	373	667	149	275	500							
10	244	442	783	196	358	643	141	260	474							



CIRCULAR CONDUIT BOXES

Material : Malleable Iron
Finish : Galvanised
Standard : BS 4568 part 2

Models

Small : 60.3mm Internal Diameter x 25.4mm Deep. Tapped M4 at 50.3mm Centres.
Large : 81mm Internal Diameter, for conduits of 20 and 25mm dia = 35mm deep and 32mm dia = 39mm deep. Tapped M4 at 71.5mm Centres.
Small Special Deep : 60.3mm Internal Diameter x 62mm Deep. Tapped M4 at 50.8mm Centres.

All the above models are available with tapped hole in the base for earthing screw. Covers and fixing screws need to be ordered separately.

	Models	Small		Large			Small Special Deep	
	Reference	CBS01		CBL01			CBD01	
	Size in mm	20	25	20	25	32	20	25
	Qty per Pack	10	10	5	5	5	5	5

	Models	Small		Large			Small Special Deep	
	Reference	CBS02		CBL02			CBD02	
	Size in mm	20	25	20	25	32	20	
	Qty per Pack	10	10	5	5	5	5	

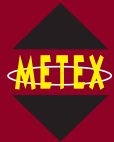
	Models	Small		Large			Small Special Deep	
	Reference	CBS03		CBL03			CBD03	
	Size in mm	20	25	20	25	32	20	25
	Qty per Pack	10	10	5	5	5	5	5

	Models	Small		Large			Small Special Deep	
	Reference	CBS04		CBL04			CBD04	
	Size in mm	20	25	20	25	32	20	25
	Qty per Pack	10	10	5	5	5	5	5

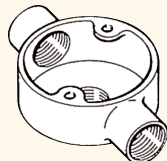
	Models	Small		Large			Small Special Deep	
	Reference	CBS05		CBL05			CBD05	
	Size in mm	20	25	20	25	32	20	25
	Qty per Pack	10	10	5	5	5	5	5

	Models	Small		Large	
	Reference	CBS06		CBL06	
	Size in mm	20	25	20	
	Qty per Pack	10	10	5	

	Models	Small		Large	
	Reference	CBS07		CBL07	
	Size in mm	20	25	20	
	Qty per Pack	10	10	5	

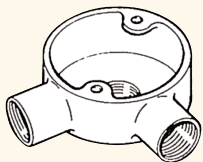


Through and Back Outlet



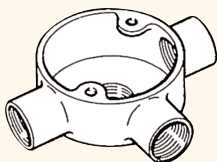
Models	Small		Large	
Reference	CBS08		CBL08	
Size in mm	20	25	20	
Qty per Pack	10	10	5	

Angle and Back Outlet



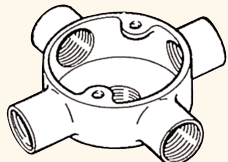
Models	Small		Large	
Reference	CBS09		CBL09	
Size in mm	20	25	20	
Qty per Pack	10	10	5	

Tee and Back Outlet



Models	Small		Large	
Reference	CBS10		CBL10	
Size in mm	20	25	20	
Qty per Pack	10	10	5	

Intersection and Back Outlet



Models	Small		Large	
Reference	CBS11		CBL11	
Size in mm	20	25	20	
Qty per Pack	10	10	5	

Tangent Through



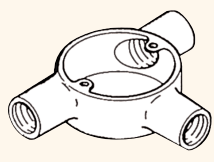
Models	Small		Large		
Reference	CBS12		CBL12		
Size in mm	20	25	20	25	32
Qty per Pack	10	10	5	5	5

Tangent Angle



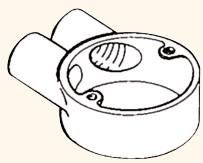
Models	Small		Large		
Reference	CBS13		CBL13		
Size in mm	20	25	20	25	32
Qty per Pack	10	10	5	5	5

Tangent Tee



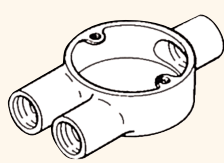
Models	Small		Large		
Reference	CBS14		CBL14		
Size in mm	20	25	20	25	32
Qty per Pack	10	10	5	5	5

U Way



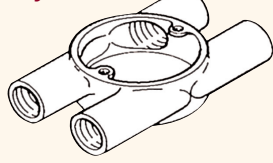
Models	Small	
Reference	CBS15	
Size in mm	20	25
Qty per Pack	10	10

Y Way

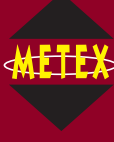


Models	Small	
Reference	CBS16	
Size in mm	20	25
Qty per Pack	10	10

H Way

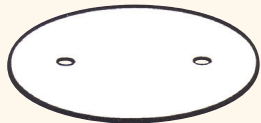


Models	Small	
Reference	CBS17	
Size in mm	20	25
Qty per Pack	10	10



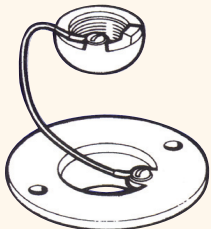
CIRCULAR COVERS

Cover, Light,
Overlapping,
Loose, No Screws



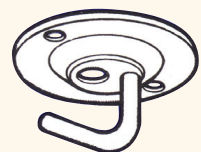
Material : Steel	
Finishes : Black Enamel, Galvanised	
Model	Small
Reference	CCS01
Qty per Pack	100

Cover, Ball and
Socket, Earthed



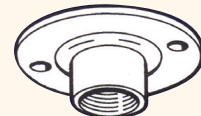
Material : Malleable Iron with copper earthwire Finishes : Black Enamel, Galvanised		
Model	Small	
Reference	CCS02	
Size in mm	20	25
Qty per Pack	25	25

Cover, Hook
Dome, Combined



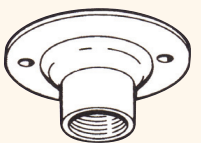
Material : Steel	
Finishes : Black Enamel, Galvanised	
Model	Small
Reference	CCS03
Qty per Pack	25

Cover, Female
Dome



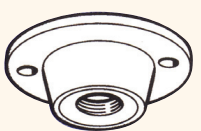
Material : Malleable Iron		
Finishes : Black Enamel, Galvanised		
Model	Small	
Reference	CCS04	
Size in mm	20	25
Qty per Pack	25	25

Cover, Female
Dome

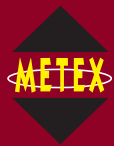


Material : Steel		
Finishes : Black Enamel, Galvanised		
Model	Small	
Reference	CCS05	
Size in mm	20	25
Qty per Pack	25	25

Cover, Ball and
Socket, Earthed



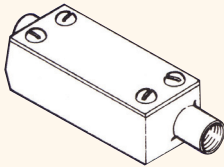
Material : Steel	
Finishes : Black Enamel, Galvanised	
Model	Small
Reference	CCS06
Size in mm	20
Qty per Pack	25



RECTANGULAR JUNCTION BOXES

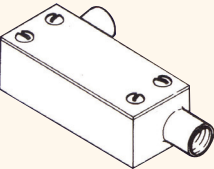
Material: Malleable Iron, Steel Covers.
Finishes: Black Enamel, Galvanised.

Through



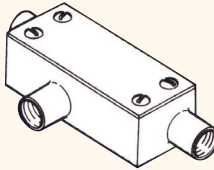
Reference	CBR01		
Size in mm	20	25	32
Qty. per Pack	5	5	4

Tangent Angle, Right Hand



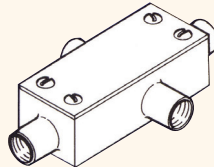
Reference	CBR02		
Size in mm	20	25	32
Qty. per Pack	5	5	4

Tangent Tee



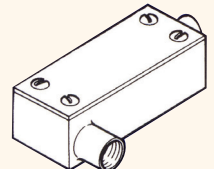
Reference	CBR03		
Size in mm	20	25	32
Qty. per Pack	5	5	2

Intersection



Reference	CBR04		
Size in mm	20	25	32
Qty. per Pack	5	5	2

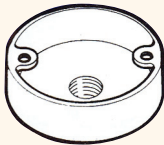
Tangent Angle Left Hand



Reference	CBR05		
Size in mm	20	25	32
Qty. per Pack	5	5	4

CEILING ROSE BOX

Shallow



Material : Malleable Iron
Finishes : Black Enamel, Galvanised
With tapped hole in base for earthing screw. Internal Diameter Minimum 55mm and Minimum Depth 12.5mm. Tapped M4 at 50.8mm Centres.

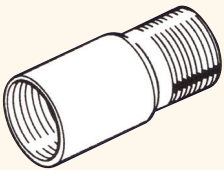
Reference	CR01
Qty per Pack	25



ADAPTORS

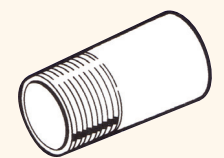
Material : Steel
Finish : Electro Zinc Plated

Imperial to Metric Adaptor



Reference	CA01	
Size	3/4" MALE to 20mm FEMALE	
Qty per Pack	100	
Size	1" MALE to 25mm FEMALE	
Qty per Pack	50	

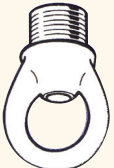
Metric to Imperial Adaptor



Reference	CA02	
Size	20mm MALE to 3/4" FEMALE	
Qty per Pack	100	
Size	25mm MALE to 1" FEMALE	
Qty per Pack	50	

HOOKS AND LOOPS

Loop, Male



Material : Malleable Iron
Finishes : Black Enamel, Galvanised

Reference	HL01	
Size in mm	20	25
Qty per Pack	50	50

Hook, Male



Material : Malleable Iron
Finishes : Black Enamel, Galvanised

Reference	HL02	
Size in mm	20	25
Qty per Pack	50	50

Loop, Female



Material : Malleable Iron
Finishes : Black Enamel, Galvanised

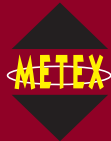
Reference	HL03	
Size in mm	20	25
Qty per Pack	50	50

Hook, Female



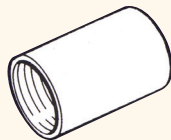
Material : Malleable Iron
Finishes : Black Enamel, Galvanised

Reference	HL04	
Size in mm	20	25
Qty per Pack	50	50



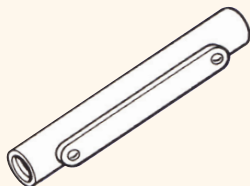
COUPLINGS

Solid



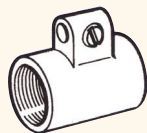
Material : Steel			
Finishes : Black Enamel, Galvanised			
Reference	CS01		
Size in mm	20	25	32
Qty per Pack	100	50	50

Inspection



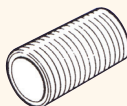
Material : Malleable Iron Body, 16mm - 32mm, Steel Cover, 1 1/2" - 2" Malleable Iron Cover			
Finishes : Black Enamel, Galvanised			
Reference	CS02		
Size in mm	20	25	32
Qty per Pack	25	10	5

Earthing



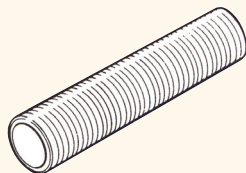
Material : Malleable Iron			
Finishes : Black Enamel, Galvanised			
Reference	CS03		
Size in mm	20	25	32
Qty per Pack	50	50	25

Nipple, Normal



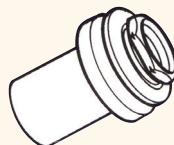
Material : Steel			
Finishes : Self Colour, Galvanised			
Reference	CS04		
Size in mm	20	25	32
Qty per Pack	100	100	50

Nipple,
300mm Long

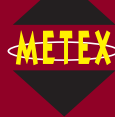


Material : Steel			
Finishes : Black Enamel, Galvanised			
Reference	CS05		
Size in mm	20	25	32
Qty per Pack	10	10	10

Flanged



Material : Malleable Iron Complete with washer and brass bush			
N.B. - Neoprene washers effect a greater degree of protection from the ingress of dust and/or liquids. Reference should be made to I.E.C. Publication 529 - 1976.			
Finishes : Black Enamel, Galvanised			
CS06 (lead washer), CS07 (Neoprene washer)			
Reference	CS06/CS07		
Size in mm	20	25	32
Qty per Pack	50	50	25



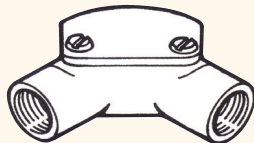
ELBOWS

Solid



Material : Malleable Iron			
Finishes : Black Enamel, Galvanised			
Reference	CEL01		
Size in mm	20	25	32
Qty per Pack	25	25	10

Channel Inspection



Material : Malleable Iron			
Finishes : Black Enamel, Galvanised			
20mm - 32mm Steel Cover			
1 1/2" - 2" Malleable Iron Cover			
Reference	CEL02		
Size in mm	20	25	32
Qty per Pack	25	25	10

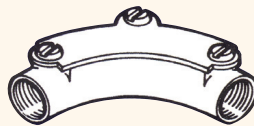
BENDS

Normal, Internal
Thread



Material : Steel			
Finishes : Black Enamel, Galvanised			
Reference	CBN01		
Size in mm	20	25	32
Qty per Pack	25	10	5

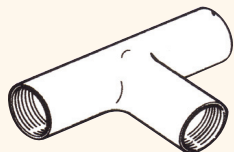
Inspection



Material : Malleable Iron			
Finishes : Black Enamel, Galvanised			
20mm - 32mm Steel Cover			
Reference	CBN02		
Size in mm	20	25	32
Qty per Pack	25	10	5

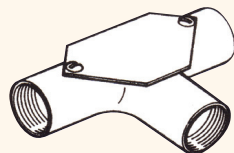
TEES

Solid

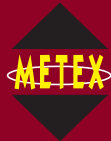


Material : Malleable Iron			
Finishes : Black Enamel, Galvanised			
Reference	CT01		
Size in mm	20	25	32
Qty per Pack	25	25	10

Channel Inspection

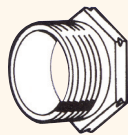


Material : Malleable Iron			
Finishes : Black Enamel, Galvanised			
20mm - 32mm Steel Cover			
Reference	CT02		
Size in mm	20	25	32
Qty per Pack	25	20	10



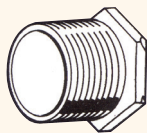
BUSHES

Short Male



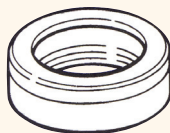
Material : Brass			
Finishes : Self Colour			
Reference	BS01		
Size in mm	20	25	32
Qty per Pack	100	50	50

Long Male



Material : Brass			
Finishes : Self Colour			
Reference	BL01		
Size in mm	20	25	32
Qty per Pack	100	50	50

Female



Material : Brass			
Finishes : Self Colour			
Reference	BF01		
Size in mm	20	25	32
Qty per Pack	100	100	100

PLUGS AND GLANDS

Hexagon Head



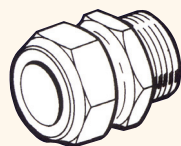
Material : Malleable Iron			
Finishes : Black Enamel, Galvanised			
Reference	PG01		
Size in mm	20	25	32
Qty per Pack	100	100	100

Slotted Head

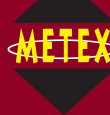


Material : Brass			
Finishes : Self Colour			
Reference	PG02		
Size in mm	20	25	32
Qty per Pack	100	100	100

Gland for T.R.S. or similar cable

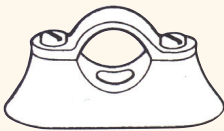


Material : Brass			
Finishes : Self Colour			
Reference	PG03		
Size in mm	20	25	
Qty per Pack	100	100	



SADDLES

Hospital



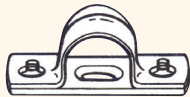
Material : Malleable Iron Base with Steel Top			
Finishes : Black Enamel, Galvanised Reference			
SH01			
Size in mm	20	25	32
Qty per Pack	50	25	25

Distance



Material : Iron Base with Steel Top			
Finishes : Black Enamel, Galvanised			
Reference	SD01		
Size in mm	20	25	32
Qty per Pack	50	25	25

Spacer Bar, One Way



Material : Steel			
Finishes : Black Enamel, Galvanised			
Reference	SB01		
Size in mm	20	25	32
Qty per Pack	100	100	50

Clip (Half Saddle)



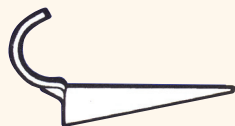
Material : Steel			
Finishes : Black Enamel, Galvanised			
Reference	SC01		
Size in mm	20	25	32
Qty per Pack	100	100	100

Saddle, 1 Way (Single)



Material : Steel			
Finishes : Black Enamel, Galvanised			
Reference	SS01		
Size in mm	20	25	32
Qty per Pack	100	100	100

Crampet, Steel

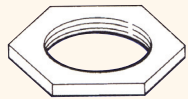


Material : Steel			
Finishes : Black Enamel, Galvanised			
Reference	SC02		
Size in mm	20	25	
Qty per Pack	100	100	



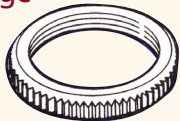
LOCKNUTS

Hexagon Light



Material : Steel			
Finishes : Black Enamel, Galvanised			
Reference	LH01		
Size in mm	20	25	32
Qty per Pack	100	100	100

Circular, Milled Edge



Material : Steel			
Finishes : Self Colour, Zinc Plated			
Reference	LH02		
Size in mm	20	25	32
Qty per Pack	100	100	100

SCREWS

Brass. M4 Pan Head



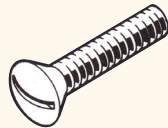
Reference	CSR01		
Lenght in mm	6	10	12
	16	20	25
Qty per Pack	100		

Brass. M3.5 Pan Head



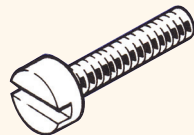
Reference	CSR02		
Lenght in mm	6	10	12
	16	20	25
Qty per Pack	100		

Brass. M3.5 Raised Countersunk



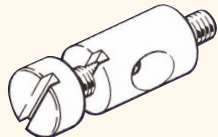
Reference	CSR03		
Lenght in mm	6	10	12
	16	20	25
Qty per Pack	100		

Brass. M3.5 Cheese Head



Reference	CSR04		
Lenght in mm	6	10	12
	16	20	25
Qty per Pack	100		

Brass. M4 Earth Terminal Studs



Reference	CSR05		
Qty per Pack	100		

Screw - Steel, Bright Zinc Plated. M4 Pan Head



Reference	CSR06	
Lenght in mm	5	6
Qty per Pack	100	

Screw - Steel, Bright Zinc Plated. M3.5 Pan Head



Reference	CSR07	
Lenght in mm	5	6
Qty per Pack	100	



ACCESSORIES

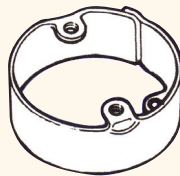
RINGS

Adaptor



Material : Malleable Iron	
Finishes : Black Enamel, Galvanised	
Reference	CAC01
Qty per Pack	100

Extension



Material : Steel	
Finishes : Black Enamel, Galvanised	
Reference	CAC02
Size in mm	6 10 13
Qty per Pack	100 50 50
Size in mm	16 19 25
Qty per Pack	25 25 25
Size in mm	32 38 50
Qty per Pack	10 10 10

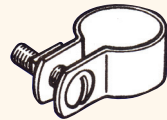
CLIPS

Girder clip, Adjustable



Material : Malleable Iron with Steel Saddle Centre, for parallel or right angle runs	
Finishes : Black Enamel, Galvanised	
Reference	CAC03
Size in mm	20 25 32
Size in inch	1 1/2 2
Order as required	

Earthing



Material : Copper	
Finishes : Self Colour	
Reference	CAC04
Size in mm	20 25 32
Qty per Pack	100 100 50
Size in inch	1 1/2 2
Qty per Pack	50 50

GASKETS

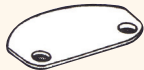
No standard pack - order as required.
Rubber Gaskets also available for all sizes of Adaptable Boxes Reference F415.

Rubber Gasket for Coupling, Inspection



Reference	CAC05		
Lenght in mm	20	25	32
Size in inch	1 1/2	2	

Rubber Gasket for Elbow, Channel Inspection



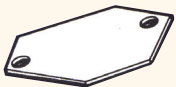
Reference	CAC06		
Lenght in mm	20	25	32
Size in inch	1 1/2	2	

Rubber Gasket for Elbow, Circular Inspection



Reference	CAC07		
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Rubber Gasket for Tee, Channel Inspection



Reference	CAC08		
Lenght in mm	20	25	32
Size in inch	1 1/2	2	

Rubber Gasket for Bend, Inspection



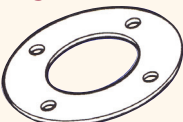
Reference	CAC09		
Lenght in mm	20	25	32
Size in inch	1 1/2	2	

Rubber Gasket for Box. Small Circular

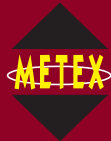


Reference	CAC10		
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Rubber Gasket for Box. Large Circular

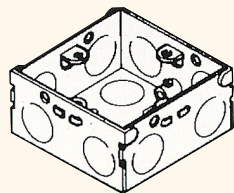


Reference	CAC11		
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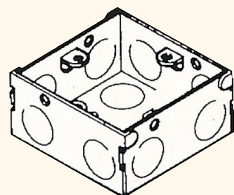


SWITCH AND SOCKET BOXES

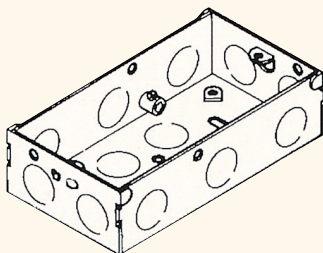
Material : Pre coated Galvanised Steel
Standard : BS 4662



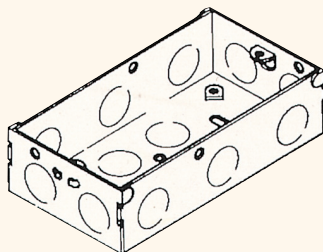
Reference	SS01
Depth	35mm
Gang	One Gang
Type of entry	11 x 20mm KO's
Fixing Lugs	2 fixed and 2 adjustable
Qty per Pack	10



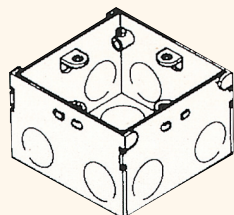
Reference	SS02
Depth	35mm
Gang	One Gang
Type of entry	20 and 25mm KO's
Fixing Lugs	4 fixed
Qty per Pack	20



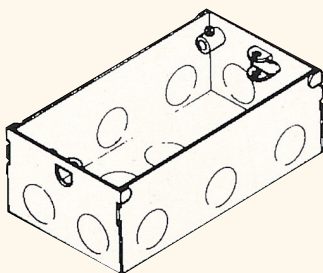
Reference	SS03
Depth	35mm
Gang	Two Gang
Type of entry	14 x 20mm KO's
Fixing Lugs	1 fixed and 1 adjustable
Qty per Pack	5



Reference	SS04
Depth	35mm
Gang	Two Gang
Type of entry	20 x 25mm KO's
Fixing Lugs	2 fixed
Qty per Pack	10



Reference	SS05
Depth	47mm
Gang	One Gang
Type of entry	12 x 20mm KO's
Fixing Lugs	2 fixed and 2 adjustable
Qty per Pack	20



Reference	SS06
Depth	47mm
Gang	Two Gang
Type of entry	14 x 20mm KO's
Fixing Lugs	1 fixed and 1 adjustable
Qty per Pack	10



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