

Crayflange

profile

- *Manufactured by precision roll-forming operation*
- *Designed to comply according to International Industry Standards*
- *Zinc coating of G90 to Z27 (275 gms. /sq. metre) for added corrosion protection*
- *Automated Non Drying Sealing Compound injection in flange*

Crayflange

4 BOLT **SLIDE ON FLANGE SYSTEM**

Crayford Flanges (Crayflange) 4 Bolt Slide On Flange system is available in five sizes:

Crayflange 20

Crayflange 25

Crayflange 30

Crayflange 35

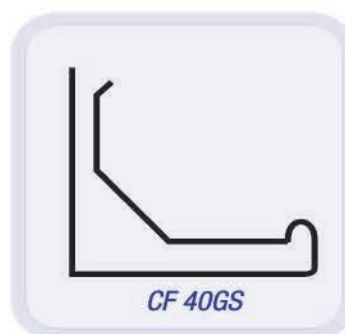
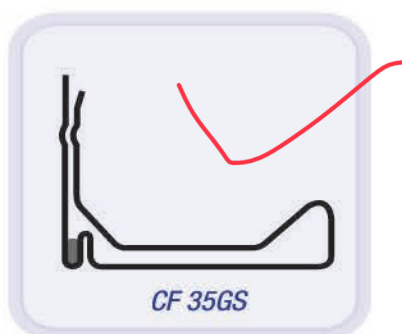
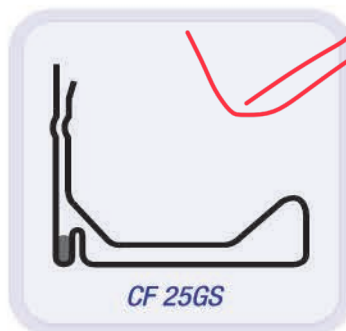
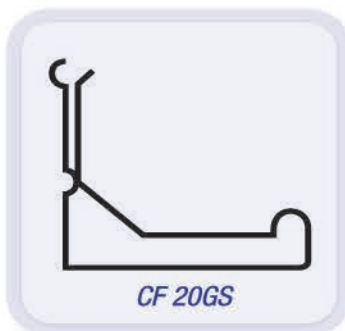
Crayflange 40

- Crayflange is manufactured by precision roll-forming operation, out of hot dipped cold reduced galvanized steel slit coils.
- Crayflange is complying to International Industry Standards
- Crayflange is available as normal flange and for special applications with integral sealent for better results on all pressure class applications.
- Crayflange uses Galvanized Steel Sheet as per ASTM A 653 CSB & ASTM A924 Corresponding to BS2989 (Z2) Corresponding Euronorm EN10142 & EN10143
- Comply to DW144
- Galvanized Steel Sheet used for Crayflange has zinc coating of G90 corresponding to Z27 (275 gms. / sq. metre) for added corrosion protection. (Formerly ASTM - 525)

System Code	Descriptions*	Material Type	Nominal Material Thickness (mm)	Weight** (Kg/m)
CF20GS	Crayflange	Galvanized Steel	0.70	0.485
CF30GS	Crayflange	Galvanized Steel	0.80	0.735
CF40GS	Crayflange	Galvanized Steel	1.00~1.20	1.500
CF25GS	Crayflange	Galvanized Steel	0.70~0.80	0.626
CF35GS	Crayflange	Galvanized Steel	0.80~0.90	0.910
CF20AS	Crayflange	Aluminum	0.70	0.175
CF30AS	Crayflange	Aluminum	0.80	0.250
CF40AS	Crayflange	Aluminum	1.20	0.530
CF25AS	Crayflange	Aluminum	0.70~0.80	0.220
CF35AS	Crayflange	Aluminum	0.90~1.00	0.321

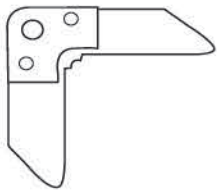
*S - All Systems of Crayflange have an Automated Non Drying Sealing Compound Injection.

**Weight - All weights are theoretical and for indicative Purpose only.

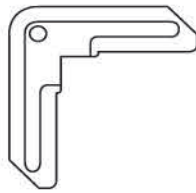


Crayflange CORNER

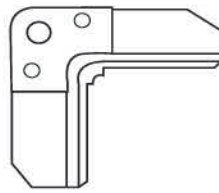
Crayford 4 Bolt Slide on Flange System corners are available in five sizes suiting the respective flange profiles. Crayford Flange Corners (Cray-Corner) are manufactured out of cold rolled mild steel and galvanized after the manufacturing



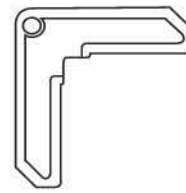
CC20G



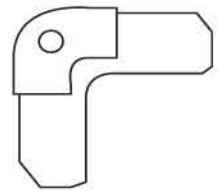
CC25G



CC30G



CC35G



CC40G

Crayflange Corners are available in 250 pcs/box, 300 pcs/box, 150 pcs/box, 200 pcs/box and 100 pcs/box for sizes 20, 25, 30, 35 and 40 respectively.

System Code	Description	Material Type	Nominal Material Thickness (mm)
CC20G	Craycorner	Galvanized Steel	2.50
CC30G	Craycorner	Galvanized Steel	2.50
CC40G	Craycorner	Galvanized Steel	3.50
CC25G	Craycorner	Galvanized Steel	1.20
CC35G	Craycorner	Galvanized Steel	1.50
CC20A	Craycorner	Aluminum	2.50
CC30A	Craycorner	Aluminum	4.00
CC40A	Craycorner	Aluminum	5.00
CC25A	Craycorner	Aluminum	1.20
CC35A	Craycorner	Aluminum	1.50

Crayflange

Slide Cleats and Clamps



CS 20G



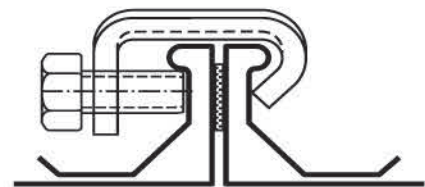
CS 25G



CS 30G



CS 35G



CS 40G

- Crayflange 4 bolt slide on flange system slide cleats are available in four sizes suiting the size 20, size 30, size 25 & size 35 flange profiles
- Crayflange Slide Cleats (Cray-slides) are manufactured out of hot dipped cold reduced galvanized steel slit coils.
- Crayclamps are available in packing of 100 pieces per box.

System Code	Description	Material Type	Nominal Material Thickness (mm)	Length (mm)
CS20G	Crayslide	Galvanized Steel	1.20	2000
CS30G	Crayslide	Galvanized Steel	1.20	2000
CS20A	Crayslide	Aluminum	1.20	2000
CS30A	Crayslide	Aluminum	1.20	2000
CS40G	Crayclamp	Galvanized Steel	4.00	NA
CS25G	Crayslide	Galvanized Steel	1.20	2000
CS35G	Crayslide	Galvanized Steel	1.20	2000
CS25A	Crayslide	Aluminum	1.20	2000
CS35A	Crayslide	Aluminum	1.20	2000

50 MM Static Pressure		Rectangular Duct Construction				
TRANSVERSE JOINT Crayflange 25mm or 35mm @ MAXIMUM SPACING INTERMEDIATE REINFORCEMENT AS PER TABLE 1 – 10						
DUCT SIZE	SHEET THICKNESS					
	16 GA.	18 GA.	20 GA.	22 GA.	24 GA.	26 GA.
200mm DN						25 @ 3000mm
225mm to 250mm						25 @ 3000mm
275mm to 300mm					25 @ 3000mm	25 @ 2400mm
325mm to 350mm					25 @ 3000mm	25 @ 2400mm
375mm to 400mm					25 @ 3000mm	25 @ 2400mm
425mm to 450mm					25 @ 3000mm	25 @ 2400mm
475mm to 500mm				25 @ 3000mm	25 @ 2400mm	25 @ 1500mm
525mm to 550mm				25 @ 3000mm	25 @ 2400mm	25 @ 1500mm
575mm to 600mm				25 @ 3000mm	25 @ 2400mm	25 @ 1500mm
625mm to 650mm				25 @ 3000mm	25 @ 2400mm	25 @ 1500mm
675mm to 700mm			25 @ 3000mm	25 @ 2400mm	25 @ 1500mm	25 @ 1200mm
725mm to 750mm			25 @ 3000mm	25 @ 2400mm	25 @ 1500mm	25 @ 1200mm
775mm to 900mm			-	25 @ 1500mm	25 @ 1200mm	25 @ 1500mm C @ 750 mm
925mm to 1050mm			-	25 @ 1500mm	25 @ 1200mm	25 @ 1500mm C @ 750 mm
1075mm to 1200mm			25 @ 1500mm	25 @ 1200mm	25 @ 1500mm E @ 750 mm	25 @ 1500mm E @ 750 mm
1225mm to 1350mm			35 @ 1200mm	35 @ 1500mm	35 @ 1200mm	35 @ 1500mm F @ 750mm
1375mm to 1500mm			35 @ 1200mm	35 @ 1500mm	35 @ 1200mm	35 @ 1500mm G @ 750mm
1525mm to 1800mm	35 @ 1500mm	35 @ 1500mm	35 @ 1200mm	35 @ 1200mm H @ 600mm	35 @ 1500mm H @ 750mm	35 @ 1200mm H @ 600mm
1825mm to 2100mm	35 @ 1500mm	35 @ 1500mm	35 @ 1200mm	35 @ 1200mm H @ 600mm	-	-
2125mm to 2400mm	35 @ 1500mm	35 @ 1500mm	35 @ 1200mm	35 @ 1200mm J @ 600mm	-	-
OVER 2400 mm	35 @ 1500mm	35 @ 1500mm	-	35 @ 1200mm J @ 600mm	-	-

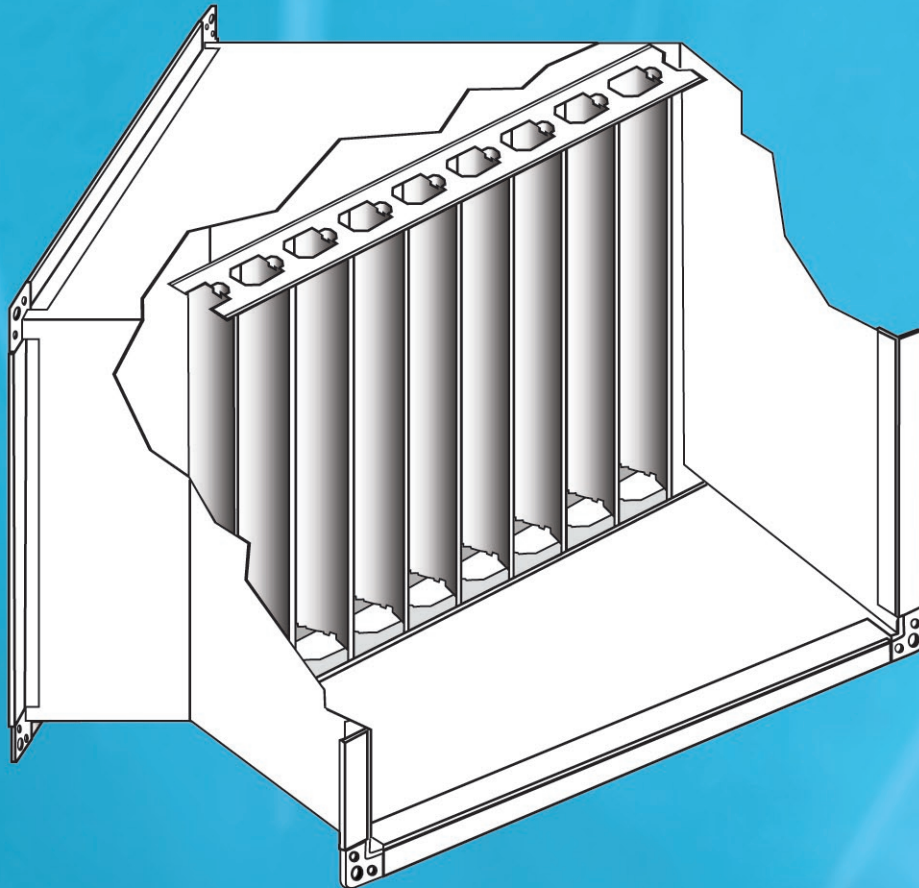
75 MM Static Pressure		Rectangular Duct Construction				
TRANSVERSE JOINT Crayflange 25mm or 35mm @ MAXIMUM SPACING INTERMEDIATE REINFORCEMENT AS PER TABLE 1 – 10						
DUCT SIZE	SHEET THICKNESS					
	16 GA.	18 GA.	20 GA.	22 GA.	24 GA.	26 GA.
200mm DN						25 @ 1500mm
225mm to 250mm					25 @ 2400mm	25 @ 1500mm
275mm to 300mm					25 @ 2400mm	25 @ 1500mm
325mm to 350mm				25 @ 3000mm	25 @ 2400mm	25 @ 1500mm
375mm to 400mm				25 @ 3000mm	25 @ 2400mm	25 @ 1500mm
425mm to 450mm				25 @ 3000mm	25 @ 2400mm	25 @ 1500mm
475mm to 500mm			25 @ 3000mm	-	25 @ 2400mm	25 @ 1500mm
525mm to 550mm			25 @ 3000mm	-	25 @ 2400mm	25 @ 1500mm
575mm to 600mm			-	25 @ 2400mm	-	25 @ 1500mm
625mm to 650mm			-	25 @ 2400mm	-	25 @ 1500mm
675mm to 700mm			25 @ 2400mm	-	25 @ 1500mm	25 @ 1200mm
725mm to 750mm			25 @ 2400mm	-	25 @ 1500mm	-
775mm to 900mm			-	25 @ 1500mm	25 @ 1200mm	-
925mm to 1050mm			-	25 @ 1500mm	25 @ 1200mm	-
1075mm to 1200mm			25 @ 1200mm	35 @ 1500mm	35 @ 1200mm	35 @ 1500mm E @ 750mm
1225mm to 1350mm		35 @ 1500mm	35 @ 1200mm	-	35 @ 1500mm E @ 750 mm	35 @ 1200mm E @ 600mm
1375mm to 1500mm		35 @ 1500mm	35 @ 1200mm	-	35 @ 1500mm G @ 750 mm	35 @ 1200mm F @ 600mm
1525mm to 1800mm	35 @ 1200mm	-	-	35 @ 1500mm H @ 750mm	35 @ 1200mm H @ 600mm	-
1825mm to 2100mm		-	35 @ 1500mm J @ 750 mm	35 @ 1200mm I @ 600mm	-	-
2125mm to 2400mm	-	35 @ 1500mm G @ 750 mm	35 @ 1200mm J @ 600 mm	-	-	-
OVER 2400 mm		35 @ 1500mm H @ 750 mm	35 @ 1200mm J @ 600 mm	-	-	-

100 MM Static Pressure		Rectangular Duct Construction				
TRANSVERSE JOINT Crayflange 25mm or 35mm @ MAXIMUM SPACING INTERMEDIATE REINFORCEMENT AS PER TABLE 1 – 10						
DUCT SIZE	SHEET THICKNESS					
	16 GA.	18 GA.	20 GA.	22 GA.	24 GA.	26 GA.
200mm DN						25 @ 1500mm
225mm to 250mm					25 @ 2400mm	25 @ 1500mm
275mm to 300mm					25 @ 2400mm	25 @ 1500mm
325mm to 350mm			25 @ 3000mm	-	25 @ 2400mm	25 @ 1500mm
375mm to 400mm			25 @ 3000mm	-	25 @ 2400mm	25 @ 1500mm
425mm to 450mm				25 @ 2400mm	-	25 @ 1500mm
475mm to 500mm				25 @ 2400mm	25 @ 1500mm	25 @ 1200mm
525mm to 550mm			25 @ 2400mm	-	25 @ 1500mm	25 @ 1200mm
575mm to 600mm			25 @ 2400mm	-	25 @ 1500mm	25 @ 1200mm
625mm to 650mm			25 @ 2400mm	-	25 @ 1500mm	25 @ 1200mm
675mm to 700mm				25 @ 1500mm	25 @ 1200mm	25 @ 1500mm D @ 750 mm
725mm to 750mm				25 @ 1500mm	25 @ 1200mm	25 @ 1500mm D @ 750 mm
775mm to 900mm			25 @ 1500mm	25 @ 1200mm	25 @ 1500mm D @ 750mm	25 @ 1500mm E @ 750mm
925mm to 1050mm			25 @ 1200mm	35 @ 1500mm	-	25 @ 1500mm E @ 750mm
1075mm to 1200mm			35 @ 1500mm	35 @ 1200mm	35 @ 1500mm F @ 750mm	35 @ 1200mm E @ 750mm
1225mm to 1350mm		35 @ 1500mm	35 @ 1200mm	-	35 @ 1500mm G @ 750 mm	35 @ 1200mm F @ 750mm
1375mm to 1500mm	35 @ 1500mm	35 @ 1200mm	35 @ 1500mm F @ 750mm	-	35 @ 1500mm G @ 750 mm	35 @ 1200mm G @ 600mm
1525mm to 1800mm			35 @ 1500mm G @ 750mm	35 @ 1200mm H @ 600mm	-	-
1825mm to 2100mm		35 @ 1500mm J @ 750mm	35 @ 1200mm J @ 600mm	-	-	-
2125mm to 2400mm		35 @ 1500mm H @ 750 mm	35 @ 1200mm G @ 600 mm	-	-	-
OVER 2400 mm		35 @ 1500mm H @ 750 mm	35 @ 1200mm J @ 600 mm	-	-	-

150 MM Static Pressure		Rectangular Duct Construction				
TRANSVERSE JOINT Crayflange 25mm or 35mm @ MAXIMUM SPACING INTERMEDIATE REINFORCEMENT AS PER TABLE 1 – 10						
DUCT SIZE	SHEET THICKNESS					
	16 GA.	18 GA.	20 GA.	22 GA.	24 GA.	26 GA.
200mm DN					25 @ 1500mm	25 @ 1200mm
225mm to 250mm					25 @ 1500mm	25 @ 1200mm
275mm to 300mm			25 @ 3000mm	-	25 @ 1500mm	-
325mm to 350mm			25 @ 2400mm	25 @ 1500mm	25 @ 1200mm	-
375mm to 400mm				25 @ 1500mm	25 @ 1200mm	-
425mm to 450mm				25 @ 1500mm	25 @ 1200mm	-
475mm to 500mm				25 @ 1500mm	25 @ 1200mm	-
525mm to 550mm				25 @ 1500mm	25 @ 1200mm	-
575mm to 600mm				25 @ 1500mm	25 @ 1200mm	-
625mm to 650mm				25 @ 1500mm	25 @ 1200mm	-
675mm to 700mm				25 @ 1500mm	25 @ 1200mm	25 @ 1500mm E @ 750 mm
725mm to 750mm				25 @ 1500mm	25 @ 1200mm	25 @ 1500mm E @ 750 mm
775mm to 900mm			25 @ 1500mm	25 @ 1200mm	-	25 @ 1500mm E @ 750mm
925mm to 1050mm		35 @ 1500mm	-	35 @ 1200mm	35 @ 1500mm G @ 750mm	35 @ 1200mm E @ 600mm
1075mm to 1200mm		35 @ 1500mm	-	35 @ 1200mm	35 @ 1500mm G @ 750mm	35 @ 1200mm E @ 600mm
1225mm to 1350mm	35 @ 1200mm	35 @ 1200mm	-	35 @ 1500mm H @ 750mm	35 @ 1200mm G @ 600 mm	-
1375mm to 1500mm	35 @ 1500mm	-	-	35 @ 1500mm J @ 750mm	35 @ 1200mm H @ 600 mm	-
1525mm to 1800mm		35 @ 1500mm J @ 750mm	35 @ 1200mm J @ 600mm	-	-	-
1825mm to 2100mm		35 @ 1500mm	35 @ 1200mm	-	-	-
2125mm to 2400mm	35 @ 1500mm	35 @ 1200mm	-	-	-	-
OVER 2400 mm		35 @ 1500mm J @ 750 mm	35 @ 1200mm J @ 600 mm	-	-	-

Crayflange

TURNING VANE SYSTEM



Features

- Designed to provide economical air turns.
- Smooth external face thereby reducing friction loss and low noise generation.
- Unique Crayflange fixing tool allows rapid assembly without the need for riveting or spot welding.
- Z27 (G90) / zinc coated steel giving added corrosion resistance.



CRAYFORD Technic
Limited

Crayflange TURNING VANE SYSTEM

Product Details and Specification

MATERIAL SPECIFICATION

Model No. Standard Length

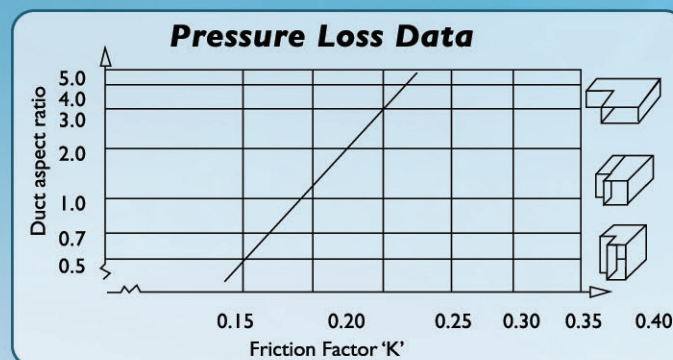
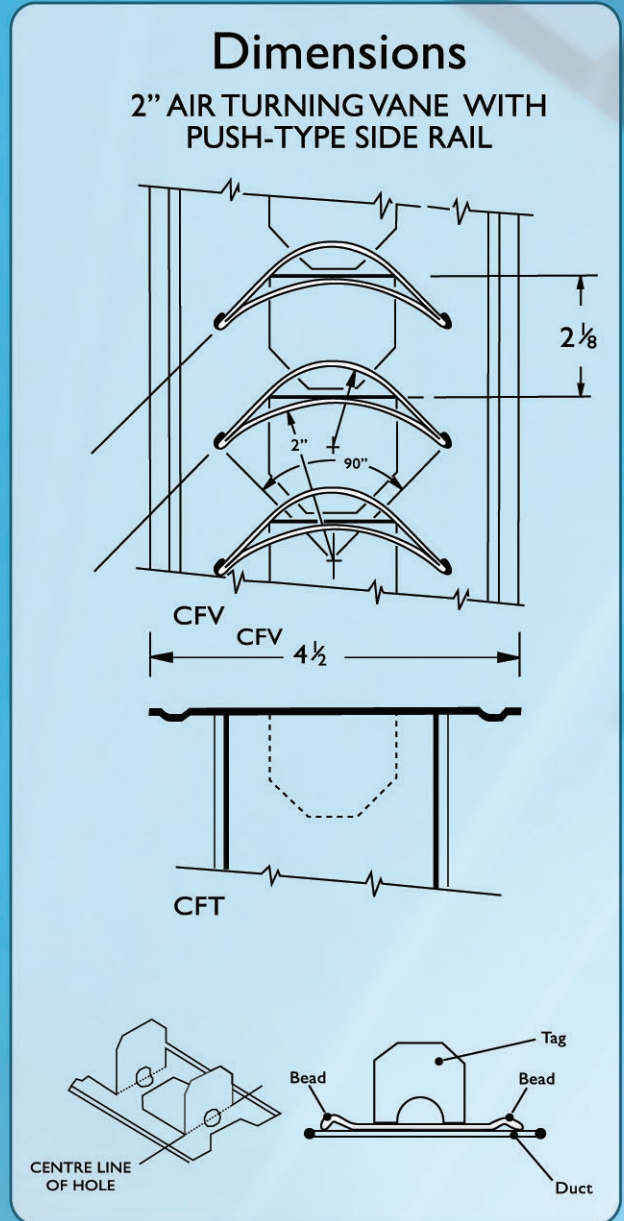
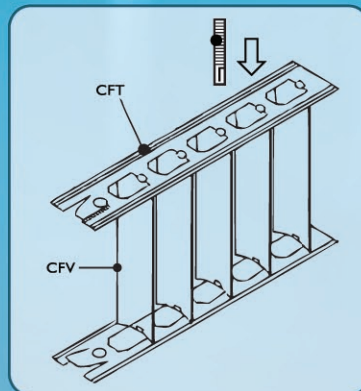
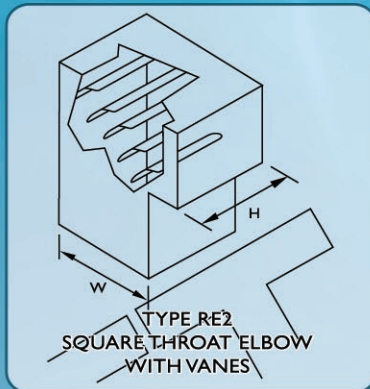
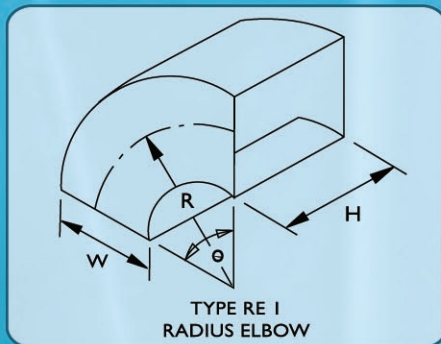
CFV 3.00m

CFT 2.44m

Coating : Hot Dipped Galvanized Steel

Meet : ASTM-A653&ASTMA 924-Z27 (G-90) Zinc Coating

Aerofoil turning vane and fixing track can also be supplied, manufactured from type AA1100H14 aluminium sheet.

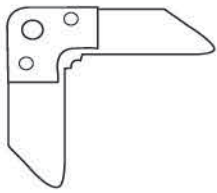


Dimension Specification

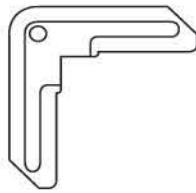
Square bends shall be fitted with turning vanes, with a maximum spacing between the vanes of 60mm. They shall have an inner radius of 50mm and the maximum length of unsupported vane shall be 1250mm. The completed turning vane assembly shall be fitted into the duct by mechanically closed rivets or bolts.

Crayflange CORNER

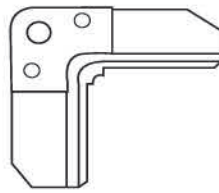
Crayford 4 Bolt Slide on Flange System corners are available in five sizes suiting the respective flange profiles. Crayford Flange Corners (Cray-Corner) are manufactured out of cold rolled mild steel and galvanized after the manufacturing



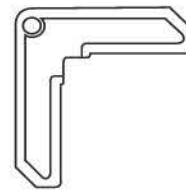
CC20G



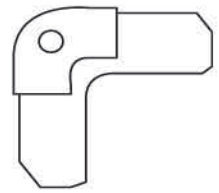
CC25G



CC30G



CC35G



CC40G

Crayflange Corners are available in 250 pcs/box, 300 pcs/box, 150 pcs/box, 200 pcs/box and 100 pcs/box for sizes 20, 25, 30, 35 and 40 respectively.

System Code	Description	Material Type	Nominal Material Thickness (mm)
CC20G	Craycorner	Galvanized Steel	2.50
CC30G	Craycorner	Galvanized Steel	2.50
CC40G	Craycorner	Galvanized Steel	3.50
CC25G	Craycorner	Galvanized Steel	1.20
CC35G	Craycorner	Galvanized Steel	1.50
CC20A	Craycorner	Aluminum	2.50
CC30A	Craycorner	Aluminum	4.00
CC40A	Craycorner	Aluminum	5.00
CC25A	Craycorner	Aluminum	1.20
CC35A	Craycorner	Aluminum	1.50

Crayflange

Slide Cleats and Clamps



CS 20G



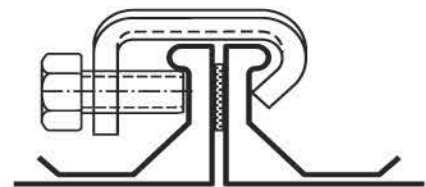
CS 25G



CS 30G



CS 35G



CS 40G

- Crayflange 4 bolt slide on flange system slide cleats are available in four sizes suiting the size 20, size 30, size 25 & size 35 flange profiles
- Crayflange Slide Cleats (Cray-slides) are manufactured out of hot dipped cold reduced galvanized steel slit coils.
- Crayclamps are available in packing of 100 pieces per box.

System Code	Description	Material Type	Nominal Material Thickness (mm)	Length (mm)
CS20G	Crayslide	Galvanized Steel	1.20	2000
CS30G	Crayslide	Galvanized Steel	1.20	2000
CS20A	Crayslide	Aluminum	1.20	2000
CS30A	Crayslide	Aluminum	1.20	2000
CS40G	Crayclamp	Galvanized Steel	4.00	NA
CS25G	Crayslide	Galvanized Steel	1.20	2000
CS35G	Crayslide	Galvanized Steel	1.20	2000
CS25A	Crayslide	Aluminum	1.20	2000
CS35A	Crayslide	Aluminum	1.20	2000