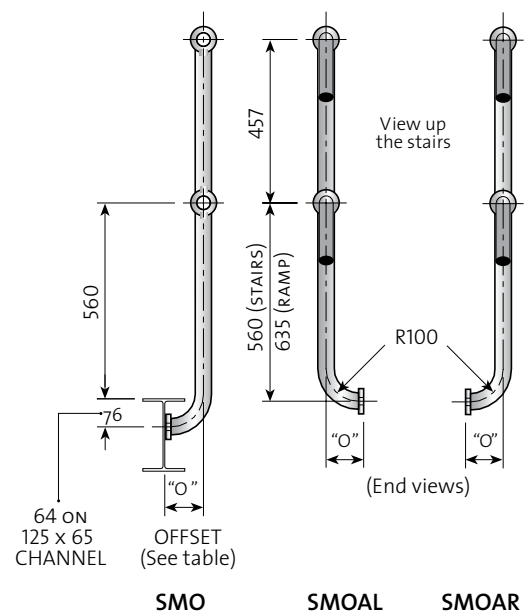
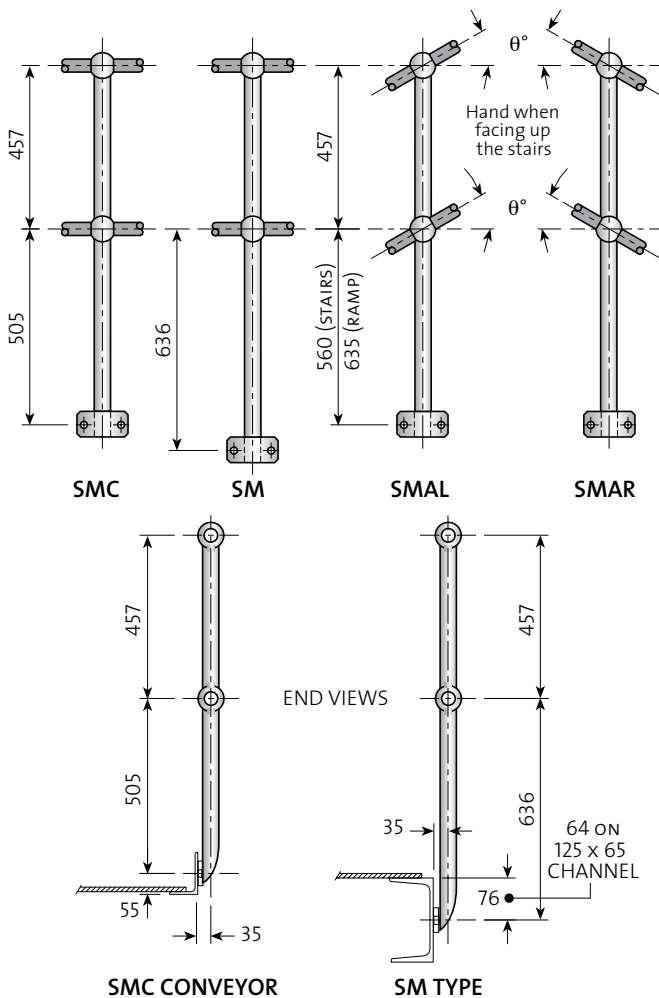
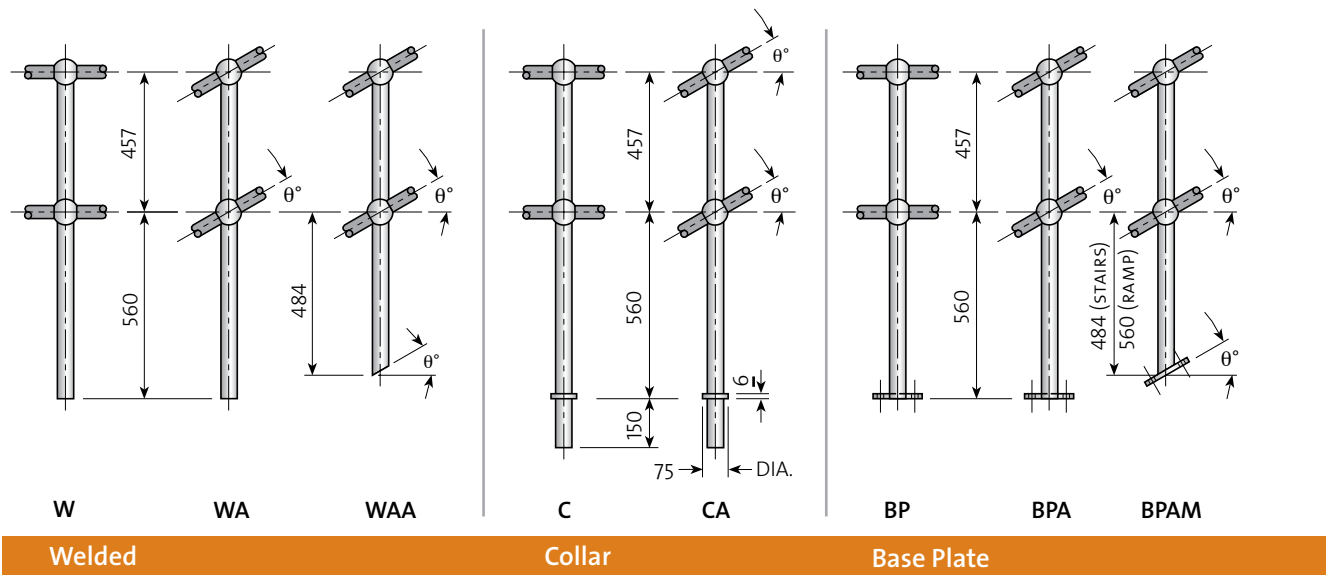


WELDLOK BALLTUBE® COMPONENT DIMENSIONS

Weldlok Balltube® Standard Stanchions



Offset "O" (mm)

Channel	"O" offset	Universal Beam	"O" offset
125 x 65	110	200	110
150 x 75	110	250	110
180 x 75	110	310	120
200 x 75	110	360	125
230 x 75	110	410	125
250 x 90	125	460	135
300 x 90	125	530	140
380 x 100	135		

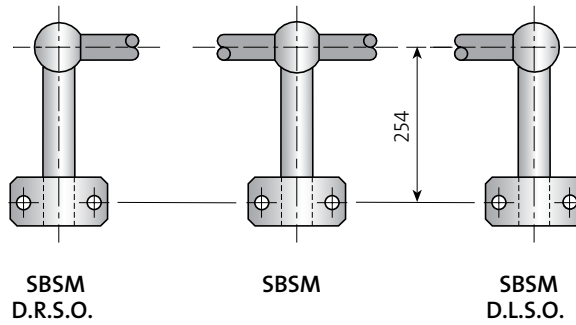
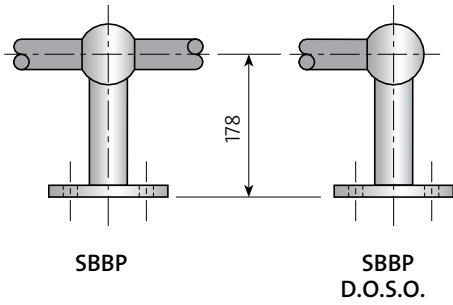
Side Mounted

Side Mounted Offset

WELDLOK BALLTUBE®

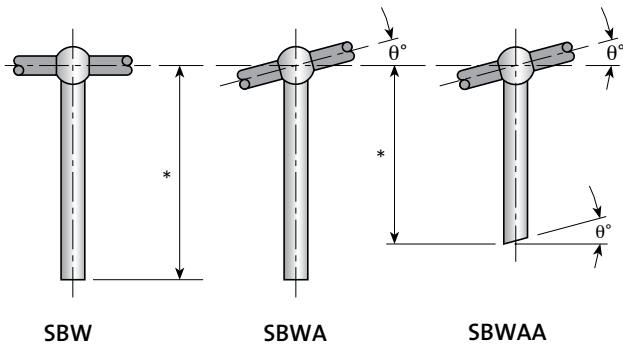
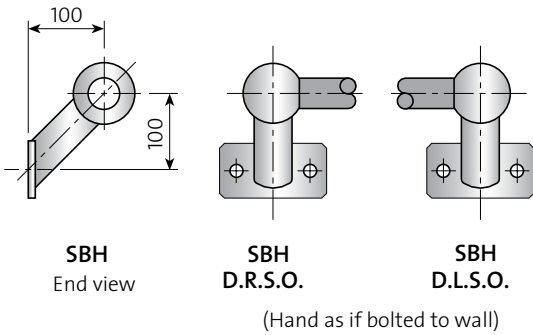
COMPONENT DIMENSIONS

Weldlok Balltube® Standard Single Ball Stanchions



Single Ball Base Plate

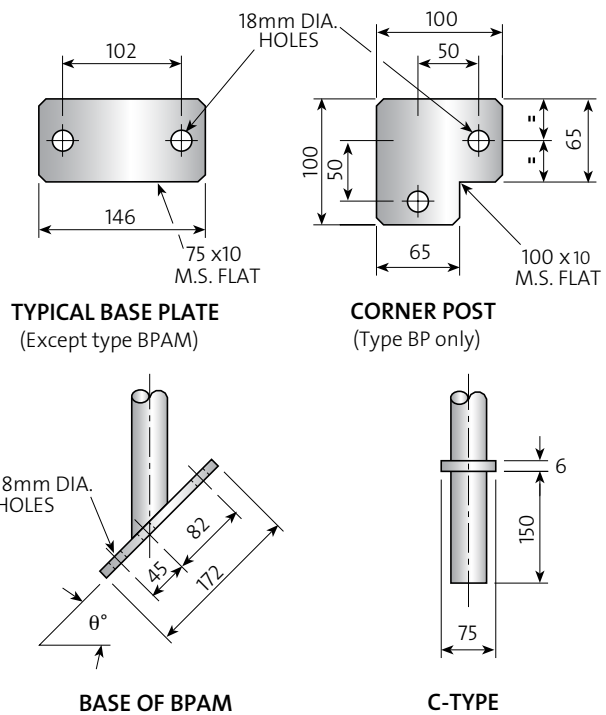
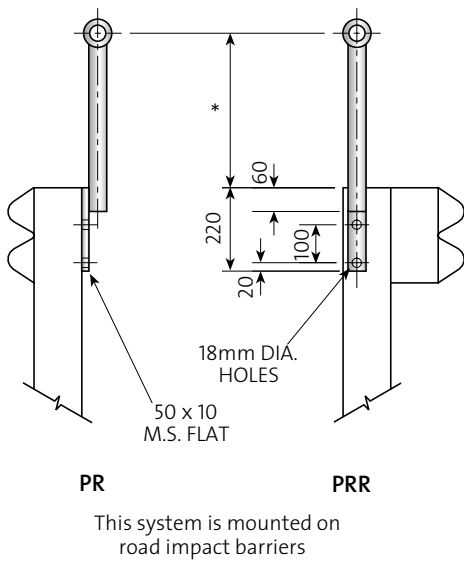
Single Ball Side Mounted



*Nominate dimensions
Available in all base plate types

Single Ball Offset Handrail

Single Ball Welded

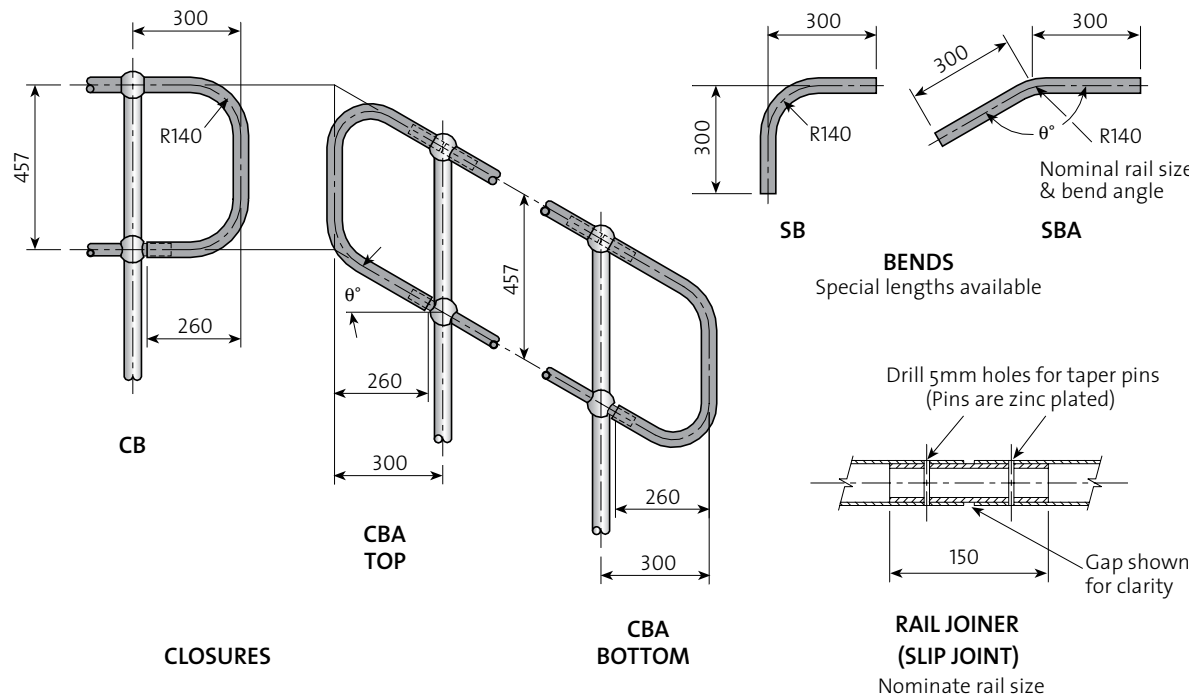


Personnel Handrail

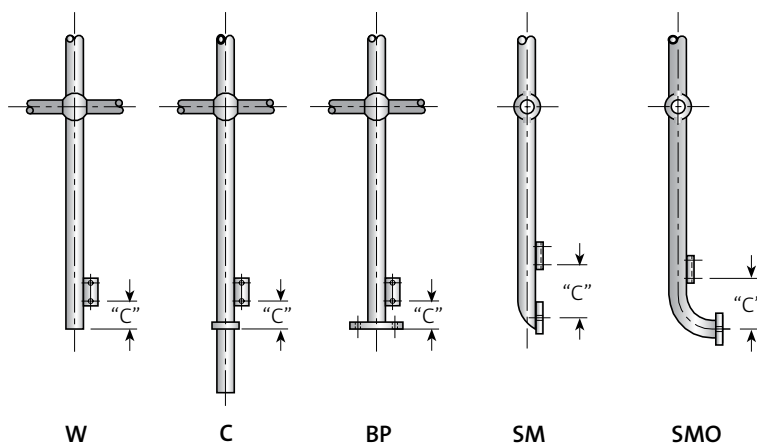
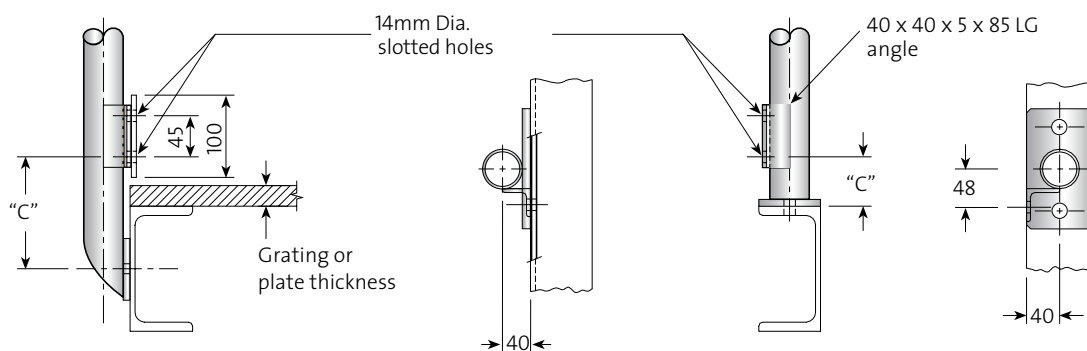
Standard Base Plates

WELDLOK BALLTUBE® COMPONENT DIMENSIONS

Weldlok Balltube® Standard Closures, Joiners and Bends



Weldlok Balltube® Kickplate Mounting Brackets



Dimension "C" (mm)

Type	"C" = Grating or Plate Thickness Plus
W	30
C	30
BP	30
SM	106*
SMO	106*

*94 when used on 125 x 65

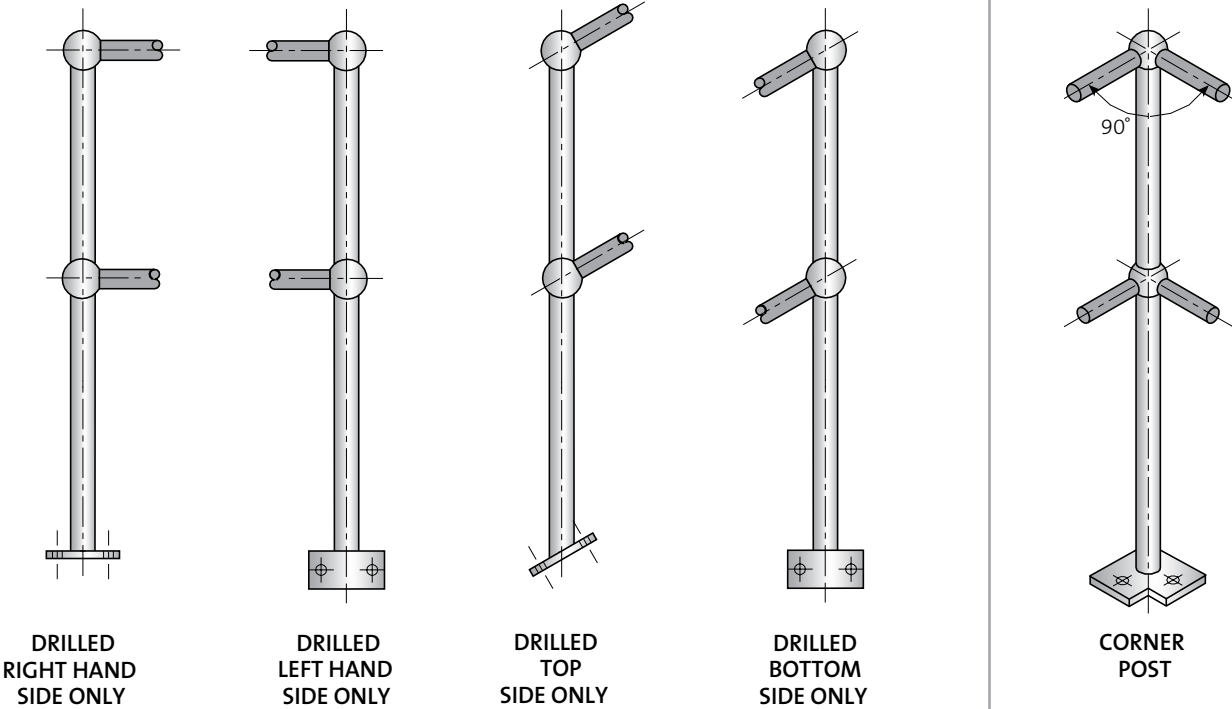
Note: Kickplate mounting brackets are an optional extra

Example:
If grating is 25mm deep then "C" Dimension
= 55mm for types W, C, & BP.

WELDLOK BALLTUBE®

COMPONENT DIMENSIONS

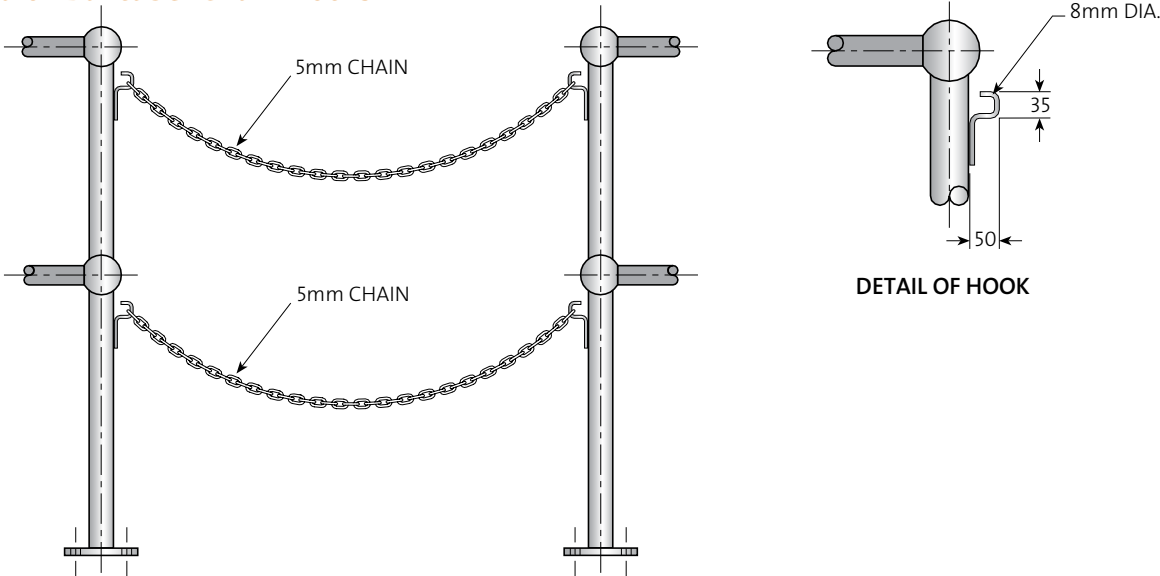
Weldlok Balltube® Special Drilling for Rails



DRILLED ONE SIDE ONLY (D.O.S.O.)

These combinations of drilling are available on full range of standard stanchions

Weldlok Balltube® Chain Hooks

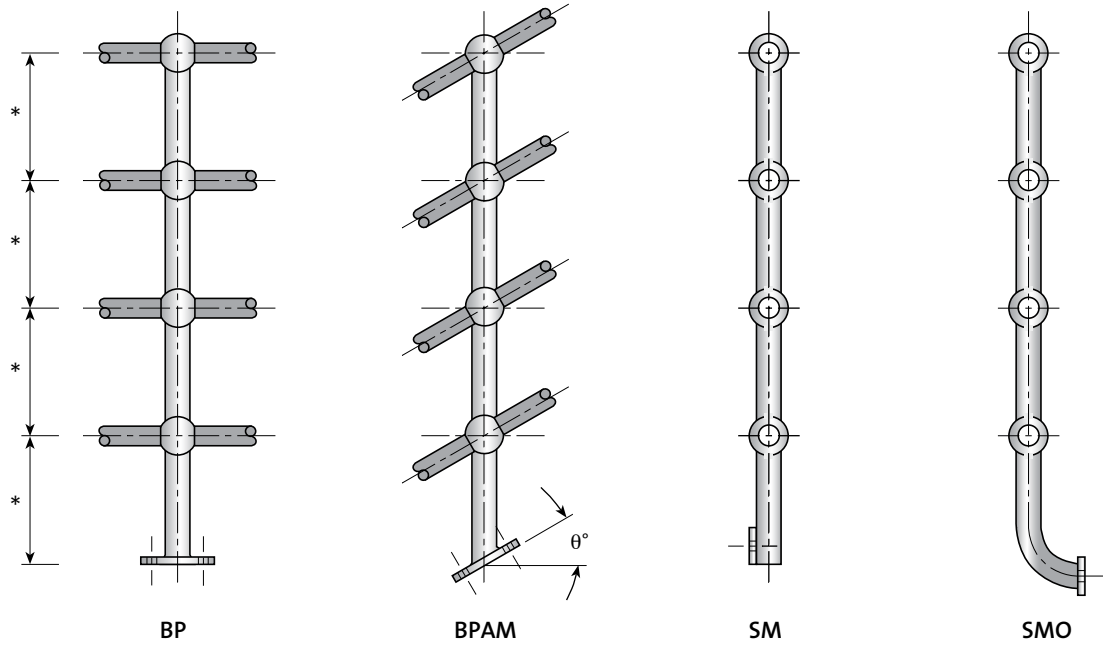


D.O.S.O. STANCHIONS WITH CHAIN HOOKS

Specify whether top rail only or both rails
5mm heavy duty chain available on request

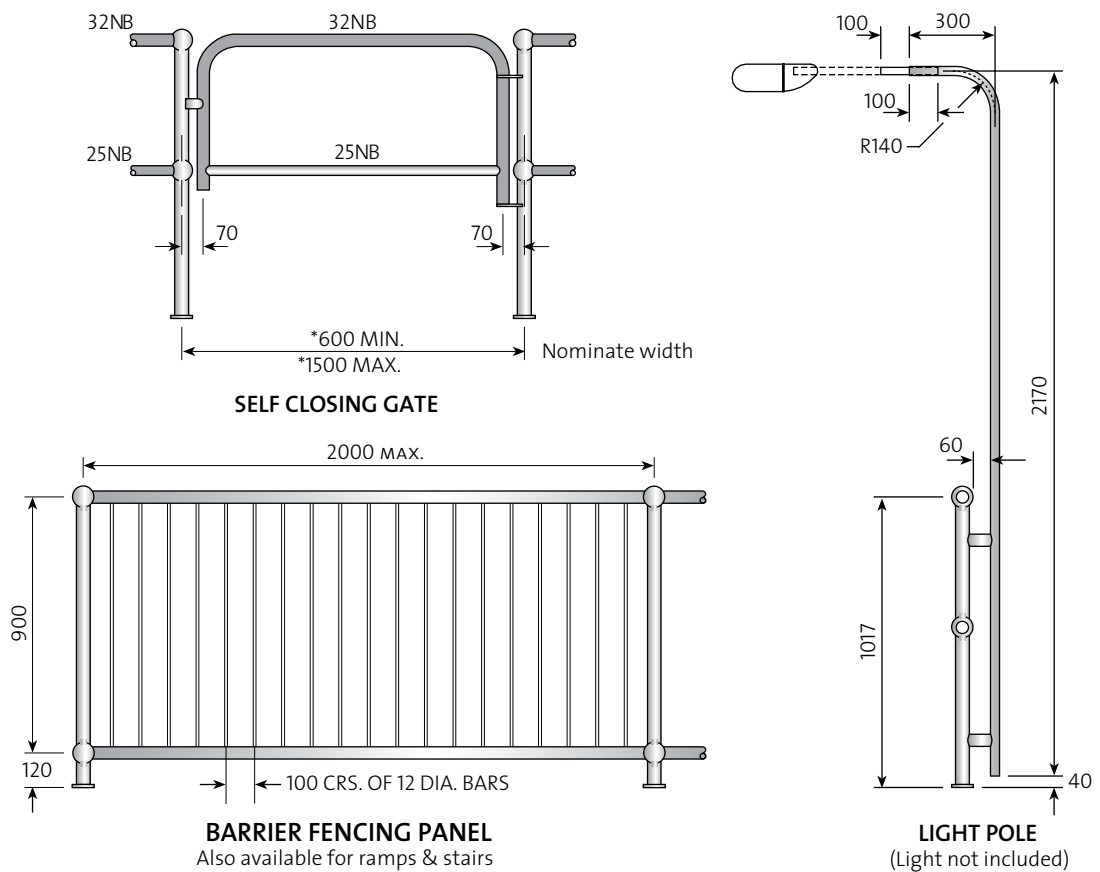
WELDLOK BALLTUBE® COMPONENT DIMENSIONS

Weldlok Balltube® Multi Ball Stanchions



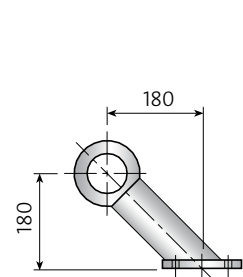
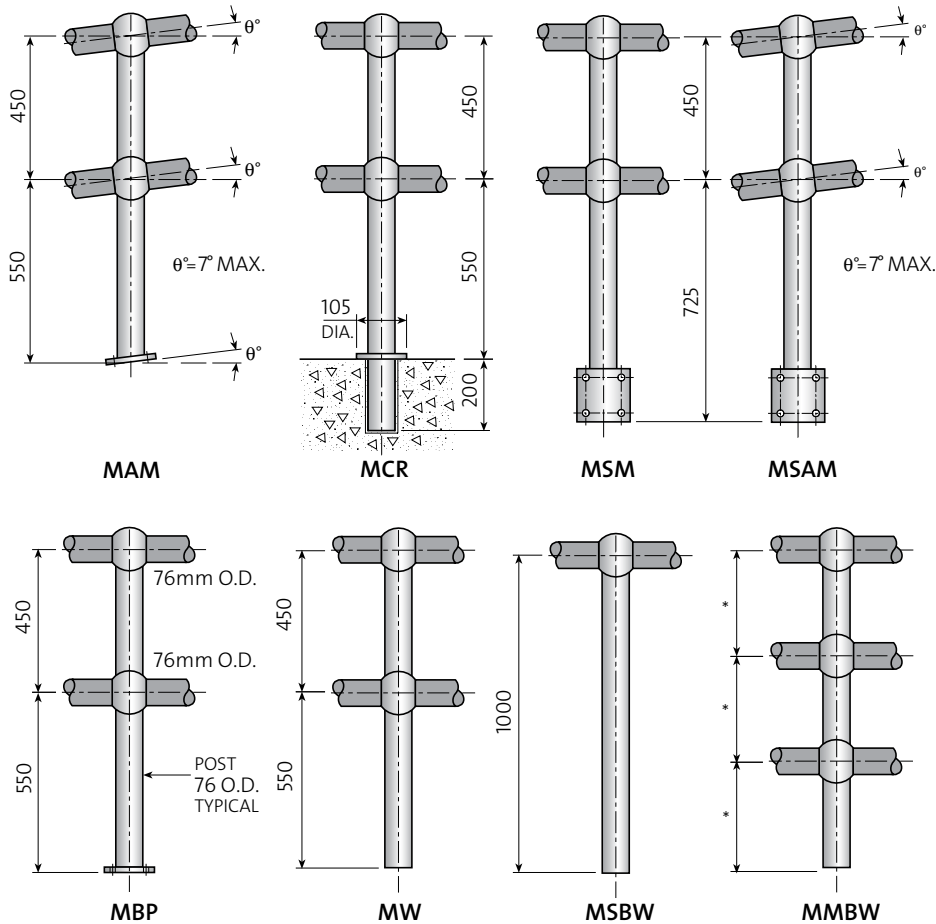
*Specify number of balls, pitching & height required of stanchion (150mm minimum centres)
Multi ball stanchions are available in any of the range of Balltube stanchion configurations

Weldlok Balltube® Handrail Accessories

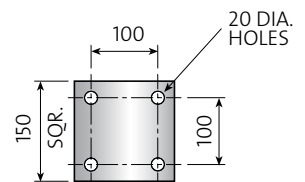


WELDLOK BALLTUBE® MEGA BALL COMPONENT DIMENSIONS

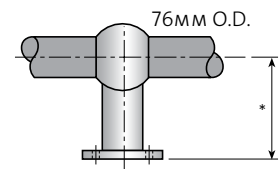
Weldlok Balltube® Mega Ball Stanchions



MOF



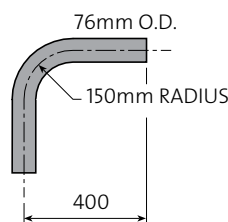
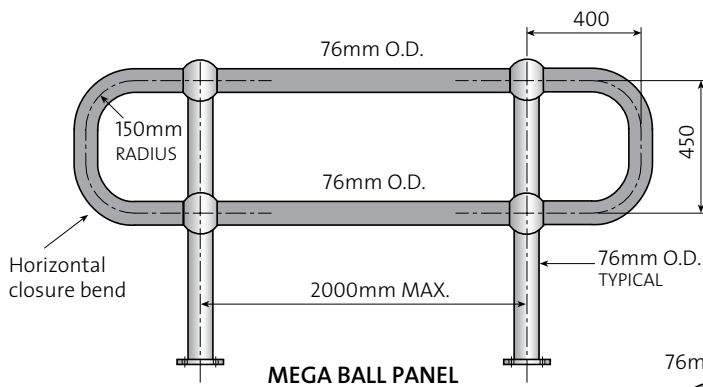
TYPICAL BASE PLATE
(16mm THICK)



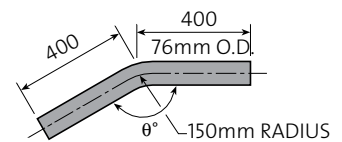
MSBBP

*specify number of balls,
pitching & height required of stanchion (180mm minimum)
(300mm min. centres)

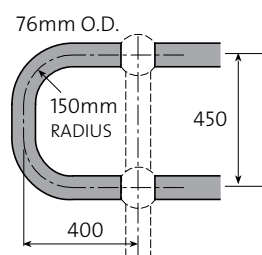
Weldlok Balltube® Mega Ball Closures and Bends



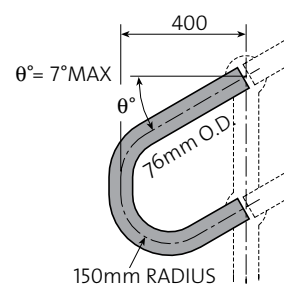
STANDARD 90° BEND



ANGLE BEND



HORIZONTAL CLOSURE BEND



ANGLE CLOSURE BEND

WELDLOK BALLTUBE® HANDRAIL WEIGHTS

Weldlok Balltube® Stanchions

Type	3.2mm Wall Thickness	4.0mm Wall Thickness
BP	4.8kg	5.3kg
BPA	4.8kg	5.3kg
C	4.9kg	5.4kg
CA	4.9kg	5.4kg
W	3.9kg	4.4kg
WA-WAA	3.9kg	4.4kg
SM	5.0kg	5.6kg
SMO	5.3kg	5.9kg
SMA	4.9kg	5.4kg
SMC	4.9kg	5.4kg
SMOA	5.3kg	5.9kg
BPAM	4.5kg	5.0kg
SBW	3.9kg	4.4kg
SBWA	3.9kg	4.4kg
SBBP	1.7kg	2.0kg
SBSM	2.0kg	2.3kg
SBH	1.3kg	

Mega Ball Stanchions

Type	N.B.	Weight
MAM	65	11.50kg
MCR	65	10.50kg
MSM	65	12.65kg
MSAM	65	12.65kg
MBP	65	11.50kg
MW	65	8.70kg
MSBW	65	8.10kg
MOF	65	5.30kg
RAIL – Standard Duty	65	6.51 kg/m
RAIL – Heavy Duty	65	7.90 kg/m

Weights based on wall thickness of 3.6mm



Bends & Closures

Type	N.B.	Weight
SB, SBA	32	1.8kg
SB, SBA	25	1.4kg
SB, SBA	20	0.9kg
CB	32	2.8kg
CB	25	2.2kg
CBA	32	2.8kg
CBA	25	2.2kg

Rails & Kickplates

Type	Weight
32 N.B. Rail	3.2 kg/m
25 N.B. Rail	2.5 kg/m
20 N.B. Rail	1.6 kg/m
100 x 6 Kickplate	4.8 kg/m

The above weights for rails and bends are based on medium gauge pipe.

Ordering Information

Important When Ordering

1. Nominate duty of stanchions (standard or heavy duty).
2. Specify finish required for stanchions (galvanised or untreated).
3. Nominate type of stanchion (see codes in this brochure).
4. State top rail and mid-rail sizes required in nominal bore pipe sizes.
5. If kickplate mounting bracket is required, nominate handing and dimension "C" (refer to page 7). Note: Right-hand location of kickplate is standard and will be supplied on RH unless otherwise nominated.
6. If stanchions are offset type, state "O" dimension from selection table on page 5.
7. If stanchions are angled type, specify angle of elevation.
8. If stanchions are to be drilled one side only, nominate handing.
9. Any variations to normal stanchions should be noted and drawing supplied.
10. Supply list of all joiners and split pins, rails, kickplates, etc.