

Access Products Division



WEBFORGE

Webforge Contents

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HANDRAILS

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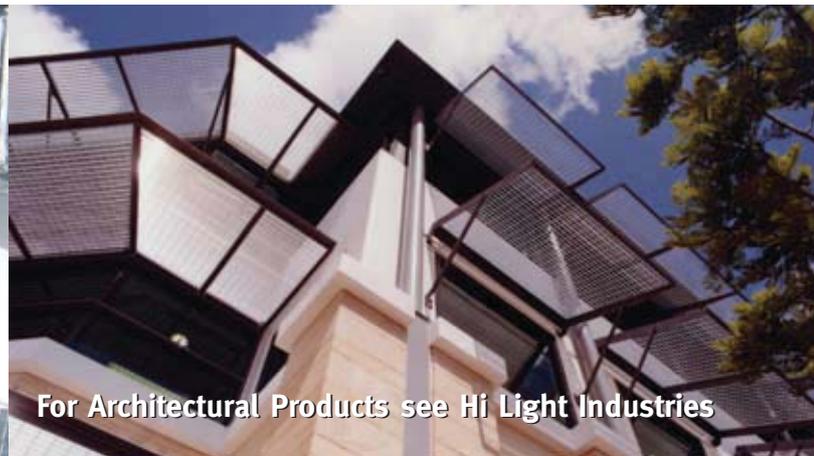
The Company

Services:

- In excess of 50 years experience
- Branches throughout Australia, Asia and New Zealand
- Manufacture
- Design
- Technical Support
- Quotations
- Fabrication
- Quality Assurance
- Feasibility and Budget Rates
- Lump Sum and Rate Contracts
- Project Management
- Small Jobs
- Large Projects
- Computerised Job Tracking

Products:

- Bar Grating
- Handrailing
- Expanded Metal
- Balustrades
- Drainage Grates and Cast Covers
- Sunscreens



For Architectural Products see Hi Light Industries

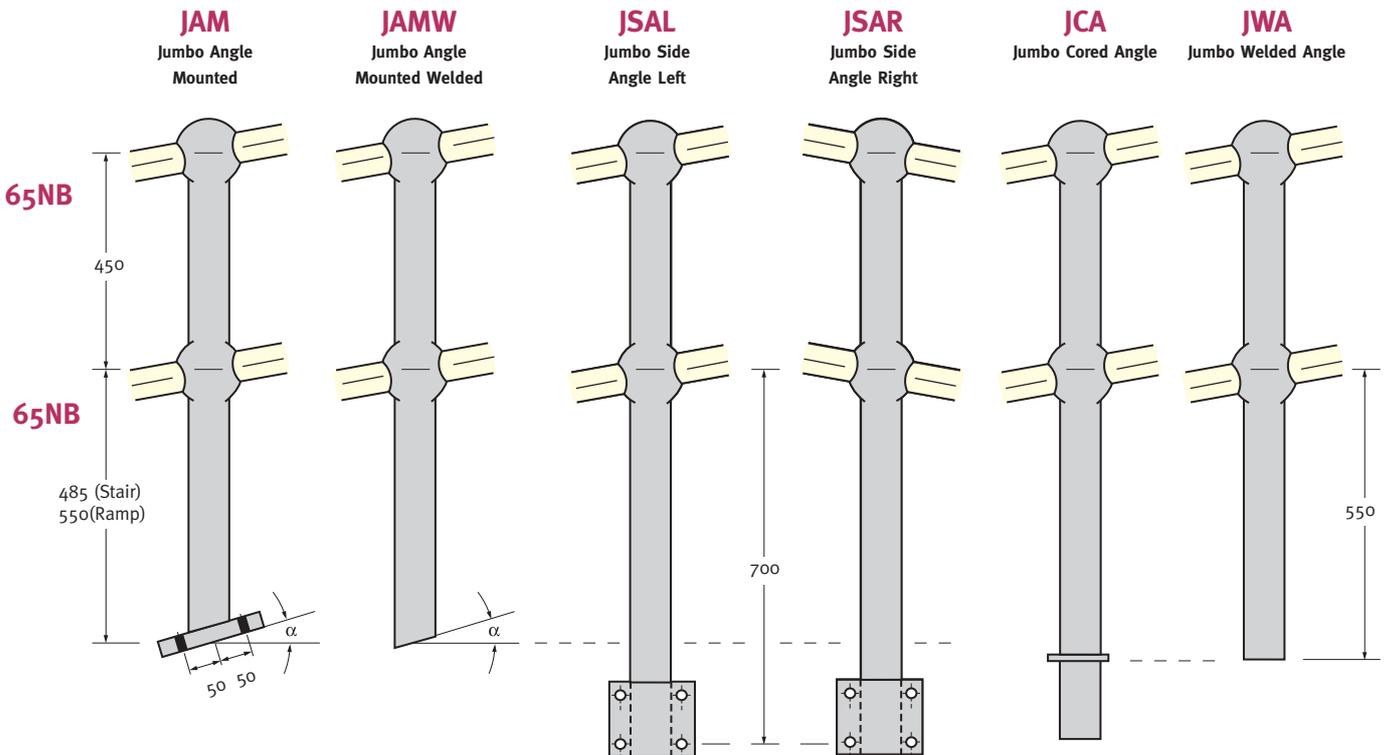
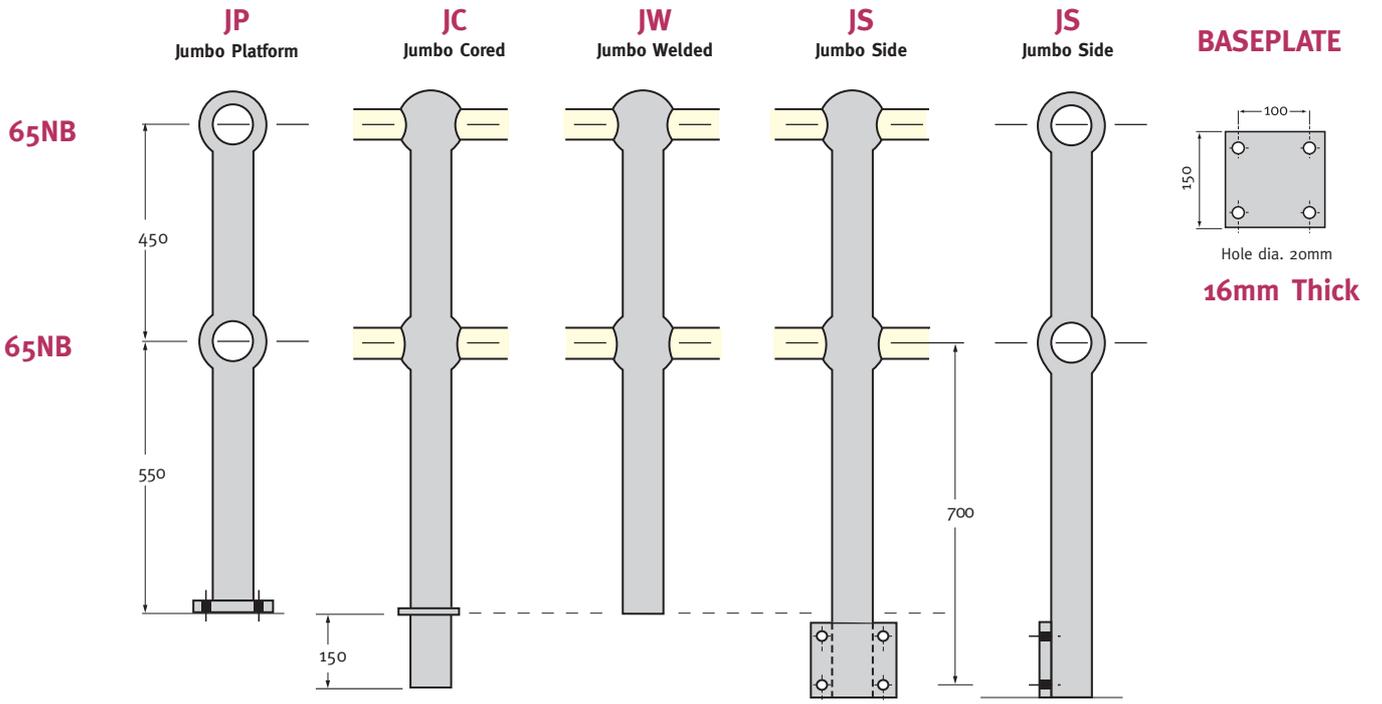


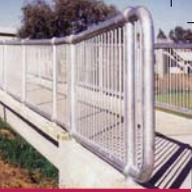
For Civil Products see separate brochure

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Jumbo

JUMBO





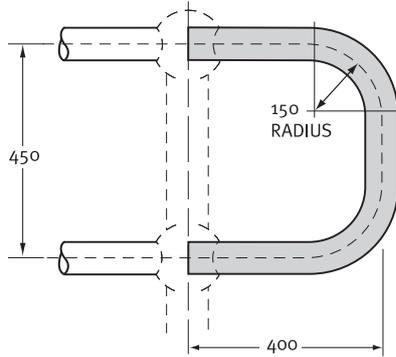
Closures and Bends

Horizontal Closure Bends (HCB)

Standard Pipe:

65NB 3.6mm WT

See specifications on page 25.



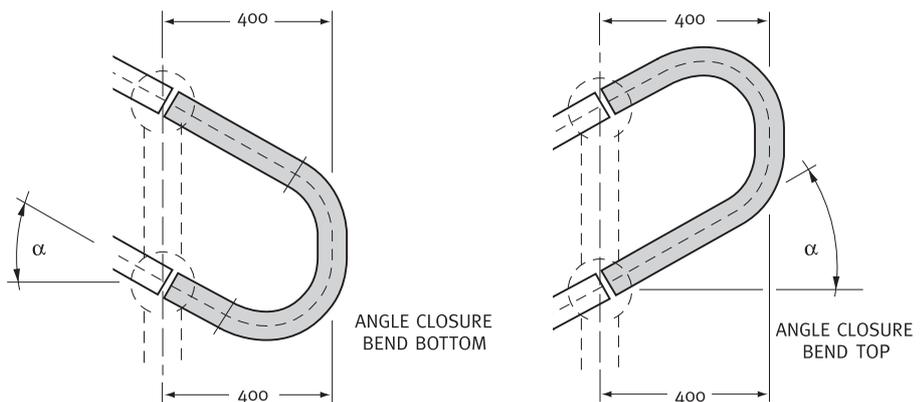
Angle Closure Bends (ACB)

Standard Pipe:

65NB 3.6mm WT

See specifications on page 25.

Available with a value from 1° - 45°



Rail Bends (RB)

Standard Pipe:

65NB 3.6mm WT

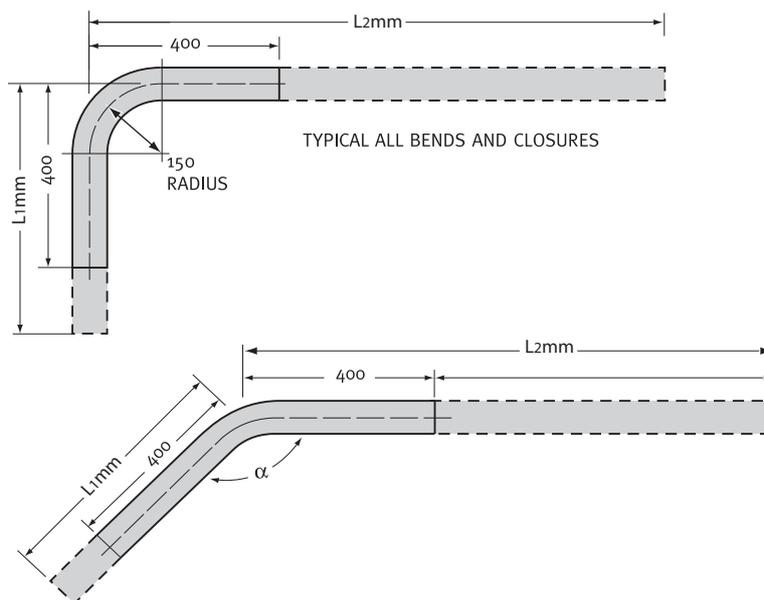
See specifications on page 25.

Standard Leg:

400mm x 400mm

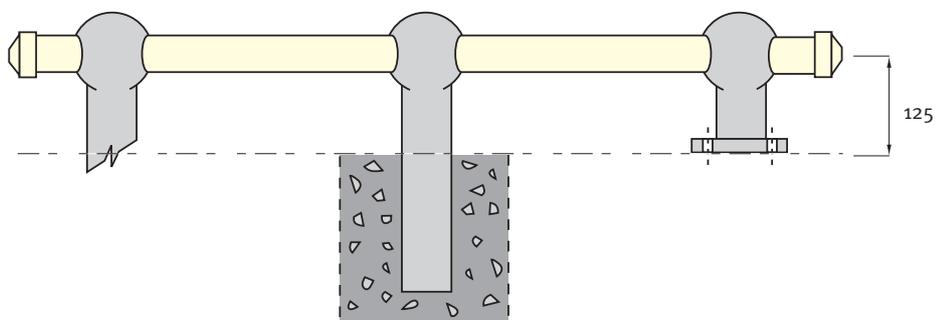
Non-Standard Leg:

$L1 + L2 \leq 6500$



Bumprails

Choose stanchion type and nominate dimensions

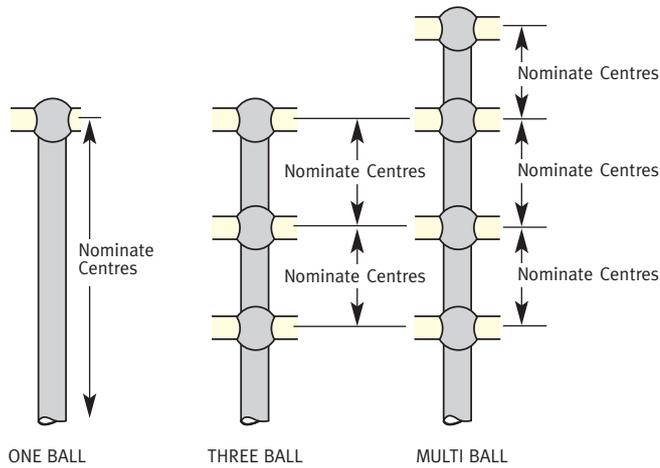


Our Products

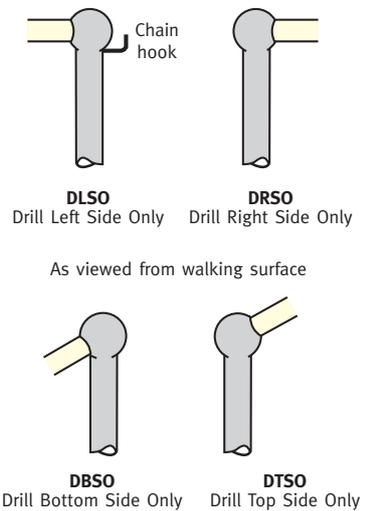
GALLERY



Options Ordering



Nominate Drillings & Centres



MATERIAL

Mild Steel
Stainless Steel
Aluminium

TREATMENT

Untreated Black- Steel
Galvanised - Steel
Electropolished - Stainless Steel
Powder Coated - Steel, Stainless Steel or Aluminium
Painted - Steel, Stainless Steel or Aluminium
Mill - Stainless Steel or Aluminium
Anodised - Aluminium

HOW TO ORDER STANCHIONS

1. Choose a type from page 22-23.
2. Choose a material type.
3. Choose a treatment.
4. Nominate a kickplate bracket height. See table page 24.
5. Nominate an offset if SO type stanchion.
6. Nominate an angle if an angle type stanchion.
7. Nominate the required options.
8. Enclose a sketch if needed to explain specials.

Examples:

PG Platform Galvanised
WB..... Welded Black
PA Platform Aluminium
SOG 110..... SO Galvanised 110 offset
SOGK 110 R140.. SO Galvanised 110 offset RH Kickplate D=140
SOGK 125 L160.. SO Galvanised 125 offset LH Kickplate D=160
SOHG 110 SO Heavy Duty Galvanised 110 offset
AMB 45 AM Black 45°
SG Special..... S Galvanised Drill 32/32
CG Special..... C Galvanised. Centres 450/450/550.
Drill 32/25/25. See Sketch Supplied.

HOW TO ORDER CLOSURES AND BENDS

1. Choose a type from page 25.
2. Choose a material.
3. Choose a treatment.
4. Choose a leg length if not standard.
5. Choose a pipe size.
6. Choose an angle if an ACB or RB.

Examples:

ACB 32 G 45..... Angle Closure 32NB Galvanised 45°
ACB 25 G 45..... Angle Closure 25NB Galvanised 45°
HCB 32 B Horizontal Closure 32NB Black
HCB 25 B Horizontal Closure 25NB Black
RB 25 G 90..... Rail Bend 25NB Galvanised 90°
RB 32H B 135.... Rail Bend 32NB Heavy Duty Black 135°

HOW TO ORDER GATES/DROP BARRIERS

1. Choose a type from page 25.
2. Choose the stanchion type from page 22-23.
3. Choose material.
4. Choose a treatment.
5. Nominate a kickplate if required.
6. Nominate the swing direction.
7. Nominate the centre to centre dimension of the stanchions or advise if other.
8. Photocopy the sketch on page 25 and fill in the details if needed.

Examples:

Gate with two PG stanchions. Galvanised No Kickplate. 1250 centres. NW swing.
Gate without stanchions. Galvanised. With Kickplate. 1000 centre to centre of 32 NB pipe. SW swing.
Drop bar. Painted yellow. 700 inside styles.

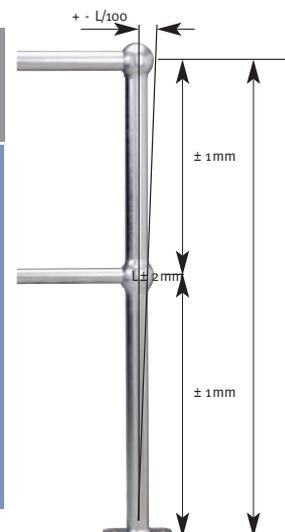
Specifications



MONOWILLS HANDRAILS

	Type	Standard			Jumbo
MATERIAL SPECIFICATIONS	Material	Mild Steel	Stainless Steel	Aluminium	Steel
	Grade	250	316L	6063-T6	250
	STANCHION - STANDARD NB OD Wall Thickness	40 48.3mm 3.2mm	48.26mm 2.77 sched 10	50mm 4.0mm	65 76mm 3.6mm
	STANCHION - HEAVY NB OD Wall Thickness	40 48.3mm 4.0mm	48.26mm 3.68mm sched 40		75 76 4.5mm
	BALL OD	76mm	76mm	76mm	125mm
	RAILS - STANDARD - HAND NB OD Wall Thickness Weight	32 42.4mm 3.2mm 3.17kg/m	42.16mm 2.77mm 2.73kg/m	46mm 3.5mm 1.27kg/m	65 76mm 3.6mm 6.57kg/m
	RAILS - STANDARD - KNEE NB OD Wall Thickness Weight	25 33.7mm 3.2mm 2.46kg/m	33.40mm 2.77mm 2.11kg/m	38mm 2mm 0.61kg/m	65 76mm 3.6mm 6.57kg/m
	RAILS - SPECIALS - HAND & KNEE NB OD Wall Thickness	25 to 40 33.7mm to 48.3mm 3.2mm to 4.0mm			
	PIPE OD = < 50mm OD > 50mm & = < 75mm Thickness Variation	+/-0.2mm - +/-10%	+/-0.2mm - +/-10%	+/-0.2mm - +/-10%	- +/-0.25mm +/-10%
	MANUFACTURING TOLERANCES	BASE PLATES SPHERES DRILLING SPHERES HOLE ANGLE	+/-1mm 2-4mm oversize +/-1° any horizontal axis 0.5° in slope	+/-1mm 2-4mm oversize +/-1° any horizontal axis 0.5° in slope	+/-1mm 2-4mm oversize +/-1° any horizontal axis 0.5° in slope
STANCHION SPACINGS	SPACING AS1657 AS1657 App.B Stanchion P Stanchion S Stanchion W Stanchion SO Stanchion C	2000mm 3000mm 2700mm 3000mm 3000mm 3000mm	2000mm 3000mm 2700mm 3000mm 3000mm 3000mm	1800mm 1800mm 1800mm - 1600mm 1800mm	- 4000 - - - -

	Type	Steel		Aluminium
		3.2mm WT	4.0mm WT	
MASS	PC, C, CA, SA, SC	4.85kg	5.30kg	2.10kg
	P, PA	4.75kg	5.20kg	2.05kg
	W, WA, AMW	3.85kg	4.40kg	1.66kg
	S	5.00kg	5.60kg	2.16kg
	SO	5.35kg	5.85kg	2.52kg
	SOAL/SOAR	5.30kg	5.60kg	2.29kg
	AM	4.45kg	5.00kg	1.92kg
	OBPG	1.60kg	1.90kg	0.69kg
	OBSG	2.0kg	2.30kg	0.86kg
	OBHG	1.30kg	1.60kg	0.69kg
	IG, IGA	6.0kg	7.0kg	2.64kg





WEBFORGE

Through its network of operations throughout Australia, New Zealand and Asia, Webforge has the resources and experience to service a complete range of projects whatever the complexity or size.

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