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# Pipe Solutions

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AS1074 MEDIUM WALL GALVANISED PIPEWORK						
CODE	SIZE MM	SIZE "	OUTSIDE DIAMETER MM	WALL THICKNESS MM	LENGTH MM	PIPE END
PM15G	15	1/2	21.3	2.6	6500	Plain End
PM20G	20	3/4	26.7	2.6	6500	Plain End
PM25G	25	1	33.4	3.2	6500	Plain End
PM32G	32	1-1/4	42.2	3.2	6500	Plain End
PM40G	40	1-1/2	48.3	3.2	6500	Plain End
PM50G	50	2	60.3	3.6	6500	Plain End
PMRG65G	65	2-1/2	76.1	3.6	6500	Roll Grooved
PMRG80G	80	3	88.9	4.0	6500	Roll Grooved
PMRG100G	100	4	114.3	4.5	6500	Roll Grooved
PMRG150G	150	6	165.1	5.0	6500	Roll Grooved
PMRG200G	200	8	219.1	6.4	6000	Roll Grooved
PMRG250G	250	10	273	6.4	6000	Roll Grooved

Also available in Red Primed finish.



AS1074 LIGHT WALL GALVANISED 6.5M PIPEWORK						
CODE	SIZE MM	SIZE "	OUTSIDE DIAMETER MM	WALL THICKNESS MM	LENGTH MM	PIPE END
PLRG65G	65	2-1/2	76.1	3.2	6500	Roll Grooved
PLRG80G	80	3	88.9	3.2	6500	Roll Grooved
PLRG100G	100	4	114.3	3.6	6500	Roll Grooved
PLRG150G	150	6	165.1	3.5	6500	Roll Grooved
PLRG200G	200	8	219.1	4.8	6000	Roll Grooved
PLRG250G	250	10	273	4.8	6000	Roll Grooved

Also available in Red Primed finish.

# PIPING PRODUCTS & SERVICES



## STAINLESS PIPE & FITTINGS

Orbital Fire stocks and distributes stainless steel pipework and all related fittings including threaded and butt weld. All products are certified to ASTM A312 and ASME B16.9 standards.



## WELDED & SEAMLESS SCHEDULE PIPEWORK

Orbital Fire stocks and distributes welded and seamless schedule pipework (S10, S40, S80) and fittings including butt weld and 3000lb. All products are certified to ASME B36.10 and ASME B16.9 standards. These can be supplied in a range of finishes and end preparations.



## PIPE FABRICATION

Orbital Fire offers a custom fabrication service for all pipework projects. This includes pipework cut to length, cutting of holes, custom welding and batch marking services. All cutting and welding is produced and certified to relevant New Zealand Standards.

WELDED BOSS CLAMP ZINC PLATE		
CODE	DESCRIPTION	BOSS
HCDB15Z-AON.	21.2od (15NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB20Z-AON.	27.0od (20NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB25Z-AON.	34.0od (25NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB32Z-AON.	43.0od (32NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB40Z-AON.	48.0od (40NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB50Z-AON.	60.0od (50NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB65Z-AON.	76.0od (65NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB80Z-AON.	89.0od (80NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB100Z-AON.	115od (100NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB125Z-AON.	140od (125NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB150Z-AON.	165od (150NB) Welded Boss Clamp - AON Listed	M10 & M12



Listed By **AON**  
Complies to NZS4541:2020

WELDED BOSS CLAMP HDG		
CODE	DESCRIPTION	BOSS
HCDB15G-AON.	21.2od (15NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB20G-AON.	27.0od (20NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB25G-AON.	34.0od (25NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB32G-AON.	43.0od (32NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB40G-AON.	48.0od (40NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB50G-AON.	60.0od (50NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB65G-AON.	76.0od (65NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB80G-AON.	89.0od (80NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB100G-AON.	115od (100NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB125G-AON.	140od (125NB) Welded Boss Clamp - AON Listed	M10 & M12
HCDB150G-AON.	165od (150NB) Welded Boss Clamp - AON Listed	M10 & M12



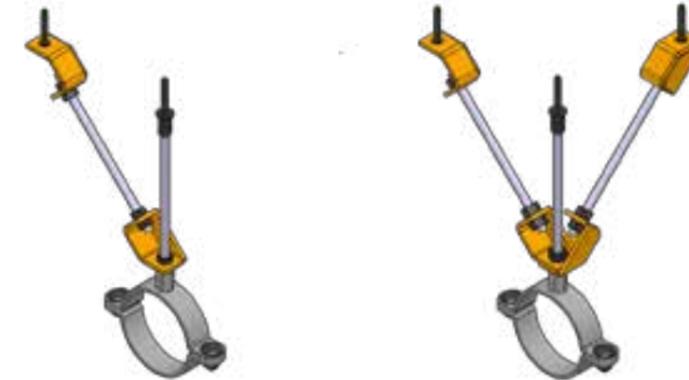
Listed By **AON**  
Complies to NZS4541:2020

WELDED BOSS CLAMP STAINLESS A4		
CODE	DESCRIPTION	BOSS
HCDB15A4-AON.	21.2od (15NB) Welded Boss Clamp - AON Listed	M10
HCDB20A4-AON.	27.0od (20NB) Welded Boss Clamp - AON Listed	M10
HCDB25A4-AON.	34.0od (25NB) Welded Boss Clamp - AON Listed	M10
HCDB32A4-AON.	43.0od (32NB) Welded Boss Clamp - AON Listed	M10
HCDB40A4-AON.	48.0od (40NB) Welded Boss Clamp - AON Listed	M10
HCDB50A4-AON.	60.0od (50NB) Welded Boss Clamp - AON Listed	M10
HCDB65A4-AON.	76.0od (65NB) Welded Boss Clamp - AON Listed	M10
HCDB80A4-AON.	89.0od (80NB) Welded Boss Clamp - AON Listed	M10
HCDB100A4-AON.	115od (100NB) Welded Boss Clamp - AON Listed	M10
HCDB125A4-AON.	140od (125NB) Welded Boss Clamp - AON Listed	M10
HCDB150A4-AON.	165od (150NB) Welded Boss Clamp - AON Listed	M10



Listed By **AON**  
Complies to NZS4541:2020

RBG SEISMIC ATTACHMENT BRACKET	
CODE	DESCRIPTION
ORB-RBG	Orbital RBG Seismic Threaded Rod Bracket – 2020 Seismic AON Approved



Listed By **AON**  
Complies to NZS4541:2020

SEISMIC UNIVERSAL SWAY BRACE	
CODE	DESCRIPTION
SB50	Standard Universal Sway Brace 50 NB
SB65	Standard Universal Sway Brace 65 NB
SB80	Standard Universal Sway Brace 80 NB
SB100	Standard Universal Sway Brace 100 NB
SB150	Standard Universal Sway Brace 150 NB
SB200	Standard Universal Sway Brace 200 NB
SB250	Standard Universal Sway Brace 250 NB
SBA12	Standard Universal Sway Brace M12 Attachment
SBBC	Standard Universal Sway Brace Beam Clamp





Listed By **AON**  
Complies to NZS4541:2020

LIGHT DUTY TWO-PIECE YOKE CLAMP				
CODE	DIAMETER	W X T	DESCRIPTION	STEEL PIPE SIZE
ORB-8-021G	21 mm	20 x 3	21mm (15 NB) Light Duty Two-Piece Yoke Clamp HDG	15 NB
ORB-8-027G	27 mm	20 x 3	27mm (20 NB) Light Duty Two-Piece Yoke Clamp HDG	20 NB
ORB-8-034G	34 mm	20 x 3	34mm (25 NB) Light Duty Two-Piece Yoke Clamp HDG	25 NB
ORB-8-043G	43 mm	20 x 3	43mm (32 NB) Light Duty Two-Piece Yoke Clamp HDG	32 NB
ORB-8-048G	48 mm	20 x 3	48mm (40 NB) Light Duty Two-Piece Yoke Clamp HDG	40 NB
ORB-8-060G	60 mm	20 x 3	60mm (50 NB) Light Duty Two-Piece Yoke Clamp HDG	50 NB
ORB-8-076G	76 mm	20 x 3	76mm (65 NB) Light Duty Two-Piece Yoke Clamp HDG	65 NB
ORB-8-089G	89 mm	20 x 3	89mm (80 NB) Light Duty Two-Piece Yoke Clamp HDG	80 NB
ORB-8-114G	114 mm	20 x 3	114mm (100 NB) Light Duty Two-Piece Yoke Clamp HDG	100 NB

\* Note: Custom sizes and finishes available on request.



Listed By **AON**  
Complies to NZS4541:2020

MEDIUM DUTY TWO-PIECE YOKE CLAMP				
CODE	DIAMETER	W X T	DESCRIPTION	STEEL PIPE SIZE
ORB-18-060G	60 mm	40 x 5	60mm (50 NB) Medium Duty Two-Piece Yoke Clamp HDG	50 NB
ORB-18-076G	76 mm	40 x 5	76mm (65 NB) Medium Duty Two-Piece Yoke Clamp HDG	65 NB
ORB-18-089G	89 mm	40 x 5	89mm (80 NB) Medium Duty Two-Piece Yoke Clamp HDG	80 NB
ORB-18-114G	114 mm	40 x 6	114mm (100 NB) Medium Duty Two-Piece Yoke Clamp HDG	100 NB
ORB-18-140G	140 mm	40 x 6	140mm (125 NB) Medium Duty Two-Piece Yoke Clamp HDG	125 NB
ORB-18-165G	165 mm	40 x 6	165mm (150 NB) Medium Duty Two-Piece Yoke Clamp HDG	150 NB
ORB-18-219G	219 mm	40 x 6	219mm (200 NB) Medium Duty Two-Piece Yoke Clamp HDG	200 NB
ORB-18-273G	273 mm	40 x 6	273mm (250NB) Medium Duty Two-Piece Yoke Clamp HDG	250 NB

\*Note: Custom sizes and finishes available on request.



Listed By **AON**  
Complies to NZS4541:2020

LIGHT DUTY SADDLE CLAMP				
CODE	DIAMETER	W X T	DESCRIPTION	STEEL PIPE SIZE
ORB-14-021G	21 mm	25 x 3	21mm (15 NB) Light Duty Saddle Clamp HDG	15 NB
ORB-14-027G	27mm	25 x 3	27mm (20 NB) Light Duty Saddle Clamp HDG	20 NB
ORB-14-034G	34mm	25 x 3	34mm (25 NB) Light Duty Saddle Clamp HDG	25 NB
ORB-14-043G	43mm	25 x 3	43mm (32 NB) Light Duty Saddle Clamp HDG	32 NB
ORB-14-048G	48mm	25 x 3	48mm (40 NB) Light Duty Saddle Clamp HDG	40 NB
ORB-14-060G	60mm	25 x 3	60mm (50 NB) Light Duty Saddle Clamp HDG	50 NB
ORB-14-073G	73mm	25 x 3	73mm (65 NB) Light Duty Saddle Clamp HDG	65 NB
ORB-14-089G	89mm	25 x 3	89mm (80 NB) Light Duty Saddle Clamp HDG	80 NB
ORB-14-114G	114mm	25 x 3	114mm (100 NB) Light Duty Saddle Clamp HDG	100 NB

\*Note: Custom sizes and finishes available on request.



Listed By **AON**  
Complies to NZS4541:2020

MEDIUM DUTY SADDLE CLAMP				
CODE	DIAMETER	W X T	DESCRIPTION	STEEL PIPE SIZE
ORB-15-021G	21 mm	40 x 5	21mm (15 NB) Medium Duty Saddle Clamp HDG	15 NB
ORB-15-027G	27 mm	40 x 5	27mm (20 NB) Medium Duty Saddle Clamp HDG	20 NB
ORB-15-034G	34 mm	40 x 5	34mm (25 NB) Medium Duty Saddle Clamp HDG	25 NB
ORB-15-043G	43 mm	40 x 5	43mm (32 NB) Medium Duty Saddle Clamp HDG	32 NB
ORB-15-048G	48 mm	40 x 5	48mm (40 NB) Medium Duty Saddle Clamp HDG	40 NB
ORB-15-060G	60 mm	40 x 5	60mm (50 NB) Medium Duty Saddle Clamp HDG	50 NB
ORB-15-076G	76 mm	40 x 5	76mm (65 NB) Medium Duty Saddle Clamp HDG	65 NB
ORB-15-089G	89 mm	40 x 5	89mm (80 NB) Medium Duty Saddle Clamp HDG	80 NB
ORB-15-114G	114 mm	40 x 6	114mm (100 NB) Medium Duty Saddle Clamp HDG	100 NB
ORB-15-165G	165 mm	50 x 6	165mm (150 NB) Medium Duty Saddle Clamp HDG	150 NB
ORB-15-219G	219 mm	50 x 6	219mm (200 NB) Medium Duty Saddle Clamp HDG	200 NB
ORB-15-273G	273 mm	50 x 6	273mm (250NB) Medium Duty Saddle Clamp HDG	250 NB

\* Note: Custom sizes and finishes available on request.



MEDIUM DUTY TWO-PIECE PIPE CLAMP WITH WELDED THREADED PAP					
CODE	DIAMETER	W X T	DESCRIPTION	STEEL PIPE SIZE	PAP SIZE
ORB-16-060G-025	60mm	40 x 5	60mm (50NB) Medium Duty Two Piece Pipe Clamp HDG with 25mm Threaded Pap	50 NB	25 mm
ORB-16-076G-025	76mm	40 x 5	76mm (65NB) Medium Duty Two Piece Pipe Clamp HDG with 25mm Threaded Pap	65 NB	25 mm
ORB-16-089G-025	89mm	40 x 5	89mm (80NB) Medium Duty Two Piece Pipe Clamp HDG with 25mm Threaded Pap	80 NB	25 mm
ORB-16-114G-025	114mm	40 x 6	114mm (100NB) Medium Duty Two Piece Pipe Clamp HDG with 25mm Threaded Pap	100 NB	25 mm
ORB-16-140G-025	140mm	40 x 6	140mm (125NB) Medium Duty Two Piece Pipe Clamp HDG with 25mm Threaded Pap	125 NB	25 mm
ORB-16-165G-025	165mm	40 x 6	165mm (150NB) Medium Duty Two Piece Pipe Clamp HDG with 25mm Threaded Pap	150 NB	25 mm
ORB-16-165G-050	165mm	40 x 6	165mm (150NB) Medium Duty Two Piece Pipe Clamp HDG with 50mm Threaded Pap	200 NB	50 mm
ORB-16-219G-025	219mm	40 x 6	219mm (200NB) Medium Duty Two Piece Pipe Clamp HDG with 25mm Threaded Pap	250 NB	25 mm
ORB-16-219G-050	219mm	40 x 6	219mm (200NB) Medium Duty Two Piece Pipe Clamp HDG with 50mm Threaded Pap	300 NB	50 mm
ORB-16-273G-050	273mm	40 x 6	273mm (250NB) Medium Duty Two Piece Pipe Clamp HDG with 50mm Threaded Pap	300 NB	50 mm
ORB-16-324G-050	324mm	40 x 6	324mm (300NB) Medium Duty Two Piece Pipe Clamp HDG with 50mm Threaded Pap	300 NB	50 mm

\* Note: All custom size paps available on request.

FOOT PLATE	
CODE	DESCRIPTION
F25	Foot Plate 25mm
F32	Foot Plate 32mm
F40	Foot Plate 40mm
F50	Foot Plate 50mm



PIPE U - BOLTS				
CODE	DIAMETER	W X T	DESCRIPTION	STEEL PIPE SIZE
ORB-14-021G	21 mm	M10 x 65	M10 x 65mm Medium Duty U Bolts HDG	15 NB
ORB-14-027G	27 mm	M10 x 77	M10 x 77mm Medium Duty U Bolts HDG	20 NB
ORB-14-034G	34 mm	M10 x 85	M10 x 85mm Medium Duty U Bolts HDG	25 NB
ORB-14-043G	43 mm	M10 x 93	M10 x 93mm Medium Duty U Bolts HDG	32 NB
ORB-14-048G	48 mm	M10 x 100	M10 x 100mm Medium Duty U Bolts HDG	40 NB
ORB-14-060G	60 mm	M10 x 110	M10 x 110mm Medium Duty U Bolts HDG	50 NB
ORB-14-076G	76 mm	M12 x 127	M12 x 127mm Medium Duty U Bolts HDG	65 NB
ORB-14-089G	89 mm	M12 x 140	M12 x 140mm Medium Duty U Bolts HDG	80 NB
ORB-14-114G	114 mm	M12 x 165	M12 x 165mm Medium Duty U Bolts HDG	100 NB
ORB-14-165G	165 mm	M12 x 220	M12 x 220mm Medium Duty U Bolts HDG	150 NB
ORB-14-219G	219 mm	M16 x 295	M16 x 296mm Medium Duty U Bolts HDG	200 NB
ORB-14-273G	273 mm	M20 x 370	M20 x 370mm Medium Duty U Bolts HDG	250 NB
ORB-14-324G	324 mm	M20 x 420	M20 x 420mm Medium Duty U Bolts HDG	300 NB

\* Note: Custom sizes and finishes available on request.



V- NOTCH PIPE BEAM PLATES		
CODE	DESCRIPTION	STEEL PIPE SIZE
ORB-BP34	Beam Plate - 34mm - 48mm (25NB-40NB) Galv	25NB-40 NB
ORB-BP60	Beam Plate - 60mm - 89mm (50NB-80NB) Galv	50NB-80 NB
ORB-BP114	Beam Plate - 114mm (100 NB) Galv	100 NB
ORB-BP168	Beam Plate - 168mm (150 NB) Galv	150 NB
ORB-BP220	Beam Plate - 220mm (200 NB) Galv	200 NB
ORB-BP273	Beam Plate - 273mm (250 NB) Galv	250 NB



2PC CHANNEL CLIP			
D	PIPE	CODE	MATERIAL
21	15NB	ORB-132-021-2PCE	32x1.6
27	20NB	ORB-132-027-2PCE	32x1.6
34	25NB	ORB-132-034-2PCE	32x2.0
43	32NB	ORB-132-043-2PCE	32x2.0
48	40NB	ORB-132-048-2PCE	32x2.0
60	50NB	ORB-132-060-2PCE	32x2.5
76	65NB	ORB-132-076-2PCE	32x2.5
89	80NB	ORB-132-089-2PCE	32x2.5
114	100NB	ORB-132-114-2PCE	32x2.5
165	150NB	ORB-132-165-2PCE	32x2.5

\* Note: Other sizes and finishes available on request.



# ENGINEERING DATA AT YOUR FINGERTIPS!



## HAVE YOU CHECKED OUT THE ENGINEERING RESOURCES AVAILABLE ON THE ORBITAL FIRE WEBSITE?

Come and take a look! Simply click on the "ENGINEERING" tab at the top of the screen to open a drop down menu that will give you access to a variety of handy resources. This includes; **Technical Product Specification documents, CAD Models and Assemblies, Design Services, and more.**

You have the option to view the data online or to download it for print. We are continuously expanding our resource library to better cater to your engineering needs, so keep an eye out for any new additions.

## WHATS INSIDE

