

Weldlok®



CIVIL PRODUCTS

**Ductile & Steel
Technical Guide**

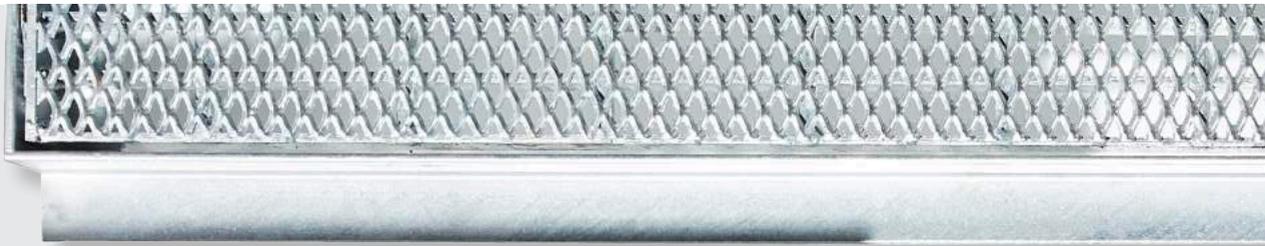
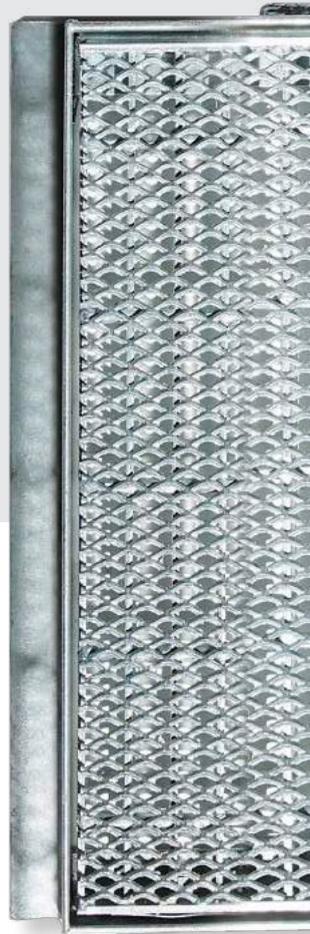


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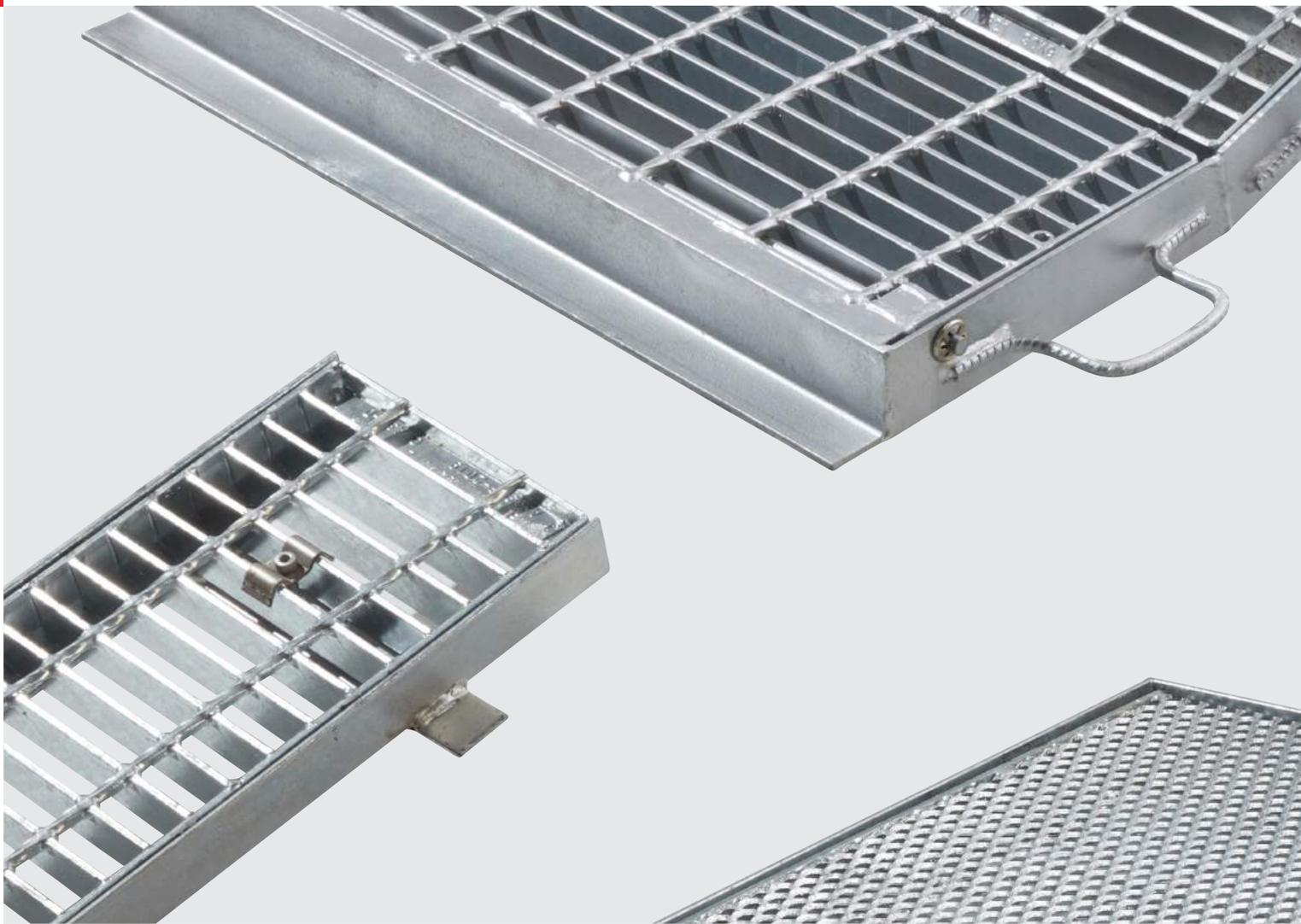
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NEPEAN Building & Infrastructure is a division of NEPEAN, Australia's largest privately owned engineering, mining services and industrial manufacturing organisation.

This brochure is designed to assist councils, civil engineers, architects and drainage contractors with the correct selection of Weldlok® Forgebar® mild steel drainage grates and ductile iron covers and frames.

THE WELDLOK® BRAND IS PROUDLY OWNED BY





Weldlok[®]

INNOVATIVE DRAINAGE PRODUCTS SETTING THE BENCHMARK

Instrumental in the design and establishment of galvanised steel drainage grates in Australia over 40 years ago.



Today, Weldlok pioneers new and specialised designs for Australia's growing needs.

COMPLIANCE

Weldlok drainage grates comply with the following Australian Standards, unless stated otherwise:

- **AS 3996:2019**
Access covers and grates
- **AS/NZS 4680:2006**
Hot-dip galvanising
- **ISO/IEC 17025:2017**
Competence of testing and calibration laboratories

APPRAISALS

A range of Class B and Class D solid top ductile covers have been appraised by the Water Services Association of Australia (WSAA).

PEDESTRIAN/BICYCLE SAFE

Weldlok Forgebar & Diamond grates are fully compliant with AS 3996:2019 and are suitable for both pedestrian and bicycle traffic environments.

TESTING

Drainage grates are load class tested in our in-house NATA-accredited facility. Test reports are available on request, subject to conditions.

The National Association of Testing Authorities (NATA) is Australia's Government-endorsed provider of accreditation for laboratories.



Accreditation No. 12043

LOAD CLASS SELECTION

The stormwater products detailed in this brochure are manufactured to comply with the load classes shown in the table below.

CONTACT OUR WELDLOK TEAM IF YOU HAVE CUSTOM OR SPECIFIC LOAD REQUIREMENTS

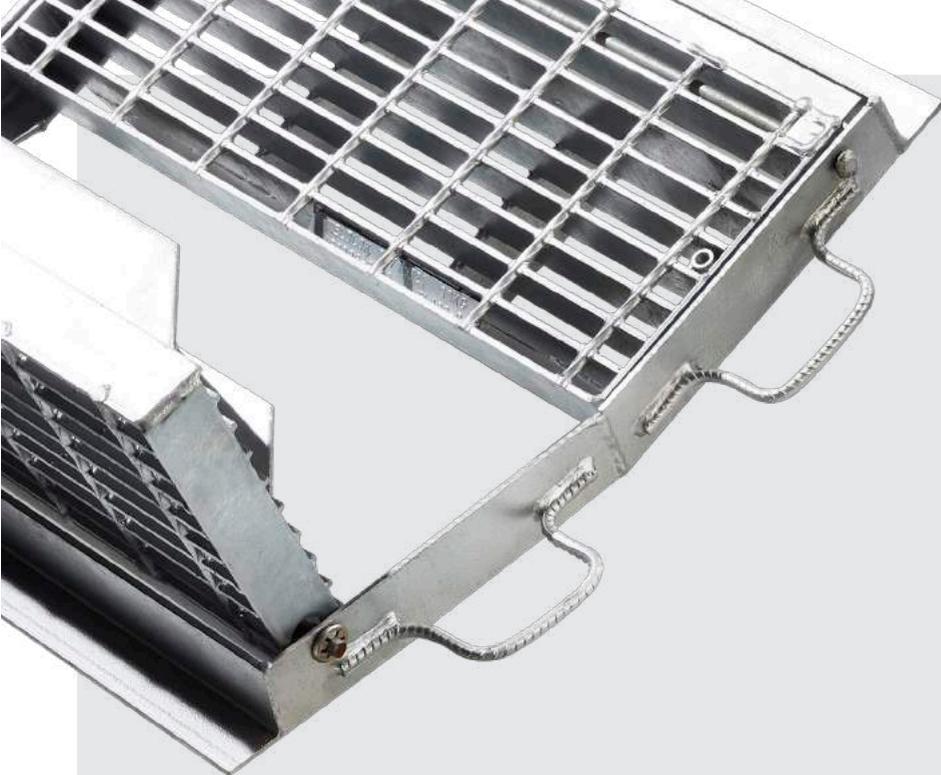
All Weldlok Civil Products are designed and engineered to meet or exceed the specified load class requirements in accordance with AS 3996:2019.

Traffic Conditions		Nominal Wheel Loading (kg)	Serviceability Design Load (kN)	Ultimate Limit Design Load (kN)
CLASS A Areas accessible strictly by pedestrians. Not suited to vehicles. Purpose - residential backyards Walkways not accessible by vehicles		330	6.7	10
CLASS B Private and shared residential property. Suitable for vehicles accessing driveways and footways. Low speed only. Purpose - residential driveways. Unit sites. Parklands. Residential car parks.		2,670	53	80
CLASS C Minor roads and car parks trafficable to vehicles. Purpose - areas with slow moving traffic and minor roads		5,000	100	150
CLASS D Major roads including freeway and motorway shoulders. Warehouses and loading docks. Purpose - major roads		8,000	160	240
CLASS E* Freeway and motorway carriageways. Suitable for all heavy vehicles. Purpose - freeways and motorways		13,700	267	400
CLASS F* Docks, wharfs and airport service and taxiways Purpose- heavy and high traffic volumes		20,000	400	600
CLASS G* Docks, wharfs and airport runways Purpose - heavy and high traffic volumes		30,000	600	900

*Class E, F and G subject to availability.

Notes:

1. Nominal wheel loads are given for guidance only. Consideration should be given to the type, size and pneumatic tyre pressure of the load applied.
2. Class B design loads exceed AS 5100.2:2017 requirements for footway loading.
3. Class D design loads exceed AS 5100.2:2017 requirements for a W80 wheel load.
4. Class C units are based on an intermediate load.
5. The ultimate limit state load is 3 times the nominal wheel load and 1.5 times the serviceability load.



MILD STEEL RANGE

**Hot-dip galvanised
in accordance with
AS/NZS 4680:2006**



Vast array of options for applications such as pedestrian, residential, major roadways and industrial drainage solutions.

HINGED PIT GRATES

PGF & HPG



INNOVATIVE NEW REMOVABLE HINGES INTERCHANGEABLE WITH HEELGUARD AVAILABLE

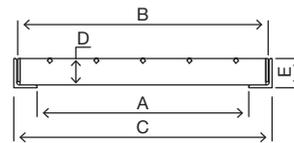
The Hinged Pit Grates range is manufactured in standard sizes and class rated to meet AS 3996:2019. All grates are hinged for easy access and bolted down to deter unwanted access. The frame has two angles toe-out and reo-lugs for easy tying into your formwork prior to casting.

The Weldlok grating pattern is a bicycle safe design providing superior hydraulic capacity. These grates meet the respective load class requirements of AS 3996:2019 as detailed in the table below and carry the manufacturers name, load class, grate weight and code number.

FEATURES:

- Removable Hinges for the new PGF range making grate replacement easy
- Bolt-down security
- Pedestrian friendly
- Bicycle safe design
- Class loads compliant with AS 3996:2019
- Concrete encased product available, contact our team.

EXAMPLE DIAGRAM



Refer to the product data table for measurement details of A, B, C, D and E.

Product Code	AS 3996:2019 Load Class	Pit Clear Opening Nom. (A) (mm)	Grate Size (B) (mm)	Frame Overall (C) (mm)	Grate Depth (D) (mm)	Frame Depth (E) (mm)
PGF0450X0450A-C	A	450 x 450	492 x 455	510 x 525	25	30
PGF0600X0600A-C	A	600 x 600	642 x 605	660 x 675	25	30
PGF0600X0900A-C	A	600 x 900	642x 905	660 x 975	25	30
PGF0900X0900A-C	A	900 x 900	942 x 905	960 x 975	25	30
HPG0300X0300B-C	B	300 x 300	350 x 305	365 x 370	25	30
PGF0450X0450B-C	B	450 x 450	520 x 455	540 x 555	40	45
PGF0600X0600B-C	B	600 x 600	692 x 605	712 x 727	50	56
PGF0600X0900B-C	B	600 x 900	692 x 905	712 x 1027	50	56
PGF0900X0900B-C	B	900 x 900	980 x 455 (2 No)	1000 x 1025	57	63
HPG0900X1200B-C	B	900 x 1200	982 x 606 (2 No.)	1000 x 1322	57	65
HPG1200X1200B-C	B	1200 x 1200	1282 x 606 (2 No.)	1300 x 1322	57	65
PGF0600X0600C-C	C	600 x 600	680 x 605	700 x 715	45	50
PGF0900X0900C-C	C	900 x 900	980 x 455 (2 No)	1000 x 1025	45	50
PGF0450X0450D-C	D	450 x 450	530 x 455	550 x 565	45	50
PGF0600X0600D-C	D	600 x 600	680 x 605	700 x 715	45	50
PGF0600X0900D-C	D	600 x 900	680 x 905	700 x 1015	45	50
HPG0750X0750D-C	D	750 x 750	838 x 756	855 x 862	57	65
PGF0900X0900D-C	D	900 x 900	980 x 455 (2 No)	1000 x 1025	45	50
HPG0900X1200D-C	D	900 x 1200	900 x 1219	1000 x 1322	57	65
HPG1200X1200D-C	D	1200 x 1200	1282 x 606 (2 No.)	1300 x 1322	57	65
HPG1500X1500B-KIT-C*	B	1500 x 1500	780 x 756 (4 No.)	1600 x 1622	57	65
HPG1500X1500D-KIT-C*	D	1500 x 1500	780 x 756 (4 No.)	1600 x 1622	57	65

*Kit includes beam and two beam boxes to suit.

HEEL GUARD PEDESTRIAN

PGFHG



INNOVATIVE NEW DESIGN FOR EASIER ONGOING MAINTENANCE

Newly redesigned Weldlok Heel Guard Grates are available in a range of standard sizes meeting load class requirements. Pedestrian access compliant in both directions, grates have been slip resistance tested by a NATA accredited laboratory. Designed to be safely removed making ongoing maintenance and cleaning quicker and easier.

Suited for use in schools, the PGFHG range complies with council requirements. All grates are tagged with our manufacturers name, load class, grate weight and code number as required by AS 3996:2019.

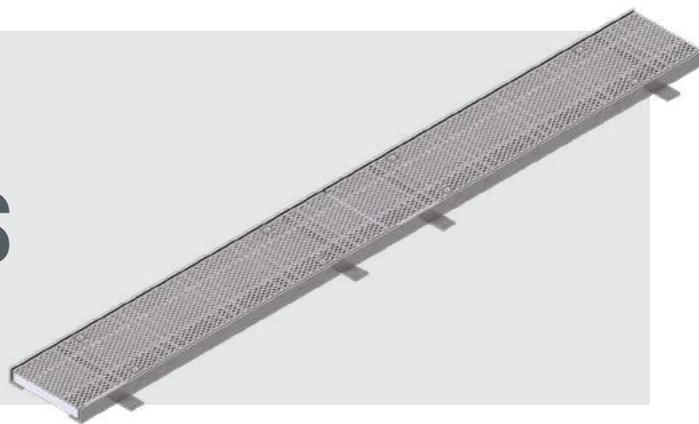
FEATURES

- Class loads compliant with AS 3996:2019
- AS 1428:2021 (deemed pedestrian compliant) both directions
- Flush fit secure lock-down
- Removable hinges for easy cleaning or grate replacement
- AS 4586:2013 – Surface slip resistant tested by a NATA accredited laboratory:
 - Wet Pendulum - P4 rating
 - Oil-Wet Ramp – R10 rating

Product Code	AS 3996:2019 Load Class	Pit Clear Opening Nom. (A) (mm)	Grate Size (B) (mm)	Frame Overall (C) (mm)	Grate Depth (D) (mm)	Frame Depth (E) (mm)
PGFHG0450X0450A-C	A	450 x 450	512 x 455	530 x 543	25	40
PGFHG0600X0600A-C	A	600 x 600	660 x 605	680 x 695	25	40
PGFHG0600X0900A-C	A	600 x 900	660 x 905	680 x 995	25	40
PGFHG0900X0900A-C	A	900 x 900	960 x 905	980 x 995	25	40
PGFHG0450X0450B-C	B	450 x 450	530 x 455	550 x 565	40	50
PGFHG0600X0600B-C	B	600 x 600	678 x 605	700 x 715	50	65
PGFHG0600X0900B-C	B	900 x 900	678 x 905	700 x 1015	40	45
PGFHG0900X0900B-C	B	900 x 900	980 x 445 (2 No.)	1000 x 1025	57	65
PGFHG0450X0450D-C	D	450 x 450	540 x 455	560 x 465	45	55
PGFHG0600X0600D-C	D	600 x 600	692 x 605	710 x 725	45	55
PGFHG0600X0900D-C	D	600 x 900	690 x 905	710 x 1025	45	55
PGFHG0900X0900D-C	D	900 x 900	992 x 445 (2 No.)	1010 x 1065	45	55

HEEL GUARD TRENCH GRATES

TGFHG



INNOVATIVE NEW DESIGN FOR EASIER ONGOING MAINTENANCE

Heel Guard Trench Grates from Weldlok have been recently redesigned and are available in a range of standard sizes meeting load class requirements. Pedestrian access compliant in both directions, grates have been slip resistance tested by a NATA accredited laboratory. Designed to be safely removed making ongoing maintenance and cleaning quicker and easier.

TGFHG ranges are suited for use in schools, complying with council requirements. All grates are tagged with our manufacturers name, load class, grate weight and code number as required by AS 3996:2019.

FEATURES

- Class loads compliant with AS 3996:2019
- AS 1428:2021 (deemed pedestrian compliant) both directions
- Flush fit secure lock-down
- Removable hinges for easy cleaning or grate replacement

Product Code	AS 3996:2019 Load Class	Pit Clear Opening Nom (A) (mm)	Grate Size (B) (mm)	Frame Overall (C) (mm)	Grate Depth (D) (mm)	Frame Depth (E) (mm)
TGFHG0150B2-C	B	150	212 x 995 (2 No.)	230	32	40
TGFHG0240B2-C	B	240	302 x 995 (2 No.)	320	32	40
TGFHG0300B2-C	B	300	362 x 995 (2 No.)	380	32	40
TGFHG0450B2-C	B	450	554 x 995 (2 No.)	560	50	50
TGFHG0600B2-C	B	600	682 x 995 (2 No.)	700	62	65
TGFHG0150D2-C	D	150	234 x 995 (2 No.)	250	45	50
TGFHG0240D2-C	D	240	334 x 995 (2 No.)	350	50	55
TGFHG0300D2-C	D	300	382 x 995 (2 No.)	400	55	65
TGFHG0450D2-C	D	450	604 x 995 (2 No.)	630	80	90
TGFHG0600D2-C	D	600	754 x 995 (2 No.)	780	80	90

GULLY GRATE

NSW & VIC



CONTACT OUR TEAM FOR THE MOST SUITABLE PRODUCT FOR YOUR REGION

Designed for use in main roads and sub-divisions across Australia where heavy vehicle traffic is expected, these grates are manufactured using Forgebar® grating or alternatively diamond pattern grating, where noted. These grates meet the respective load class requirements of AS 3996:2019 as detailed in the table below and are marked with manufacturers name, load class, grate weight and code number.

FEATURES

- Hinged (where noted)
- Bolt-down security
- Bicycle safe design
- Class loads compliant with AS 3996:2019

Product Code	AS 3996:2019 Load Class	Pit Clear Opening Nom. (mm)	Frame Overall (mm)	Frame Depth (mm)	Hinged	Usage
NSW						
GG64-0900X460C-C	C	900 x 460	1105 x 635	skirt	Yes	Median Strip
GG42-0900X0430D-C	D	900 x 430	1035 x 500	65	Yes	NSW Sub-divisions & Highways
GG50-0900X0400D-C	D	900 x 400	1035 x 445	65	Yes	NSW Sub-divisions & Highways
GG-900X0400SD-C	D	900 x 400	1035 x 445	65	Yes	NSW Sub-divisions & Highways
GG50-0900X0400B-C	B	900 x 400	1035 x 445	65	Yes	Gully Grates NSW Roads
GG52-0900X0400D-C	D	900 x 400	1035 x 445	skirt	Yes	NSW Sub-divisions & Highways
GGSSBK0900X0400SD-C	D	900 x 400	1035 x 445	skirt	Yes	NSW Sub-divisions & Highways
GG65-1188X1008CD-C	C & D	1188 x 1008	1400 x 1120	skirt	Yes	Median Strip & Highway
GG0900X0395DD-C	D	900 x 395	1000 x 467	65	No	3 sided frame
GG0900X0460DD-C*	D	900 x 460	1035 x 530	65	Yes	4 sided frame
GG0900X0600DD-C*	D	900 x 620	1020 x 690	65	No	4 sided frame
BCCG9090DD*	D	900 x 980	1000 x 1080	65	No	Bull nose crossing conversion
GG66-0900X0370D-C	D	900 x 370	1400 x 692	skirt	No	Median Strip Gully Grate
RCCG9090DD*	D	900 x 980	1000 x 1080	65	No	Roll over crossing conversion
VIC						
GG0900X0400D-C	D	900 x 400	1035 x 470	65	Yes	Vic. Sub-divisions
GG0900X0520DARD-C	D	900 x 520	1035 x 590	65	Yes	Vic. Sub-divisions
GG0900X0355HUMD-C	D	900 x 355	1002 x 365	65	No	GAA Vic.
GG0900X0338HUMDD-C	D	900 x 338	1000 x 348	65	No	Narrow channel installation
GG084SD1000X0760D-C	D	1000 x 760	1135 x 830	65	Yes	Vic Roads
GG1000X0520D-C	D	1000 x 520	1135 x 590	65	Yes	Vic Roads
GG0900X02552DIAD-C	D	1000 x 525	1120 x 595	65	No	Vic Roads SD1322

* Diamond Grating

GULLY GRATE

QLD & WA



CONTACT OUR TEAM FOR THE MOST SUITABLE PRODUCT FOR YOUR REGION

Product Code	AS 3996:2019 Load Class	Pit Clear Opening Nom. (mm)	Frame Overall (mm)	Frame Depth (mm)	Hinged	Usage
QLD						
BCCGG*	D	900 x 600	1122 x 676	90	Yes	Brisbane CC
PGFEHI0600x0600C-C	C	600 x 600	700 x 700	50	No	IPWEAQ & BCC
PGFEHI0600x0900C-C	C	600 x 900	700 x 1000	60	No	IPWEAQ & BCC
PGFEHI1200x1200C-C	C	900 x 900	1230 x 1230	75	No	IPWEAQ & BCC
DG1200X1200I-D	A	1200 x 1200	1398 x 1398	830	Yes	Dome grate for IPWEAQ & BCC
DG0600X0600I-C	A	600 x 600	750 x 750	580	Yes	Dome grate for IPWEAQ & BCC
DG0600X0900I-C	A	600 x 900	750 x 1050	580	Yes	Dome grate for IPWEAQ & BCC
DG0900X0900I-C	A	900 x 900	1050 x 1050	580	Yes	Dome grate for IPWEAQ & BCC
GG-GC0900x0600D-C	D	900 X 600	1050 x 615	81	Yes	MRD & TMR
WA						
GG-MRWA-GT-GRATE-D-C	D	920 x 425	1100 x 605	90	No	MRWA Gully Grates
GG-MRWA-HN-GRATE-D-C	D	920 x 425	1100 x 605	280	No	MRWA Gully Grates

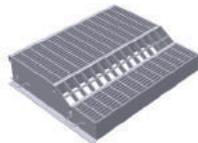
* Diamond Grating



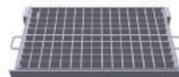
GG57-0900X0400D-C



GG52-0900X0400D-C



GG65-1188X1008CD-C



GG-GC0925X0600D-B



BCCGG*



SPECIFIC TO WA
GG-MRWA-GT-GRATE-D



* DIAMOND GRATING PATTERN

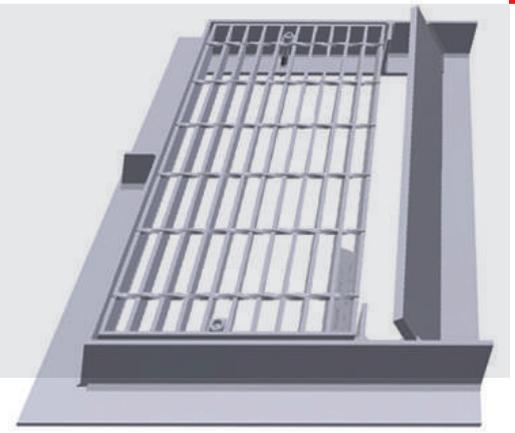
Ideal for areas with multi-directional traffic or in environments with turning forklifts, trucks or similar heavy vehicles. The Weldlok diamond grating design improves grip, reducing the risk of losing traction in wet weather as it maximises water runoff. For mild steel grates in a Class E and higher environment, a Weldlok diamond grating pattern must be used to meet AS 3996:2019.

SEE MORE ON PAGE 20

MAIN ROAD GRATES

MRG

INNOVATIVE NEW DESIGN FOR EASIER ONGOING MAINTENANCE



These grates are specifically manufactured to RMS designs for use across all main roads throughout NSW. All grates have security bolt-downs and are bicycle safe (excluding the LPGMGSG & LPGSF-GRILLE) for use on highways.

The Weldlok grating pattern is a bicycle safe design providing superior hydraulic capacity. These grates meet the respective load class requirements of AS 3996:2019 as detailed in the table below and are tagged with manufacturers name, load class, grate weight and code number.

FEATURES

- Bolt-down security
- Bicycle safe design (Excludes LPGMGSG & LPGSF-GRILLE)
- AS 3996:2019 (compliant to Class D)

Product Code	AS 3996:2019 Load Class	Pit Clear Opening Nom. (mm)	Frame Overall (mm)	Frame Depth (mm)	Bicycle Safe	Bolt-down	Usage
LPGSAL0850X0525D-C	D	850 x 525	950 x 585	65	Yes	Yes	Highways
LPGSAS0850X0372D-C	D	850 x 372	950 x 432	65	Yes	Yes	Highways
LPGSE0522X0405D-C	D	522 x 318	722 x 540	81	Yes	Yes	Highways
LPGSOS0750X0750D-C	D	704 x 753	830 x 765	65	Yes	Yes	Highways
LPGSOD1540X0750D-C	D	1544 x 753	1670 x 765	65	Yes	Yes	Highways
LPGSKS0880X0700D-C	D	704 x 880	830 x 892	65	Yes	Yes	Highways
LPGSKD1540X0880D-C	D	1544 x 880	1670 x 892	65	Yes	Yes	Highways
LPGF0642X0522D-C	D	642 x 522	742 x 622	65	Yes	Yes	Highways
LPGFS0920X0372D-C	D	920 x 372	1020 x 432	65	Yes	Yes	Highways
LPGMGSG0678X0645D-C	N/A	640 x 678	820 x 690	90	No	No	Field inlet



LPGSAL0850X0525D-C



LPGSE0522X0405D-C



LPGSOS0750X0750D-C



LPGSOS0750X0750D-C



LPGFS0920X0372D-C



LPGSF-GRILLE-C



LPGMGSG0678X0645D-C

ROLL-FORMED KERB GRATES

RKF

CONTACT OUR SALES TEAM FOR LOCATION SPECIFIC RKF GRATES



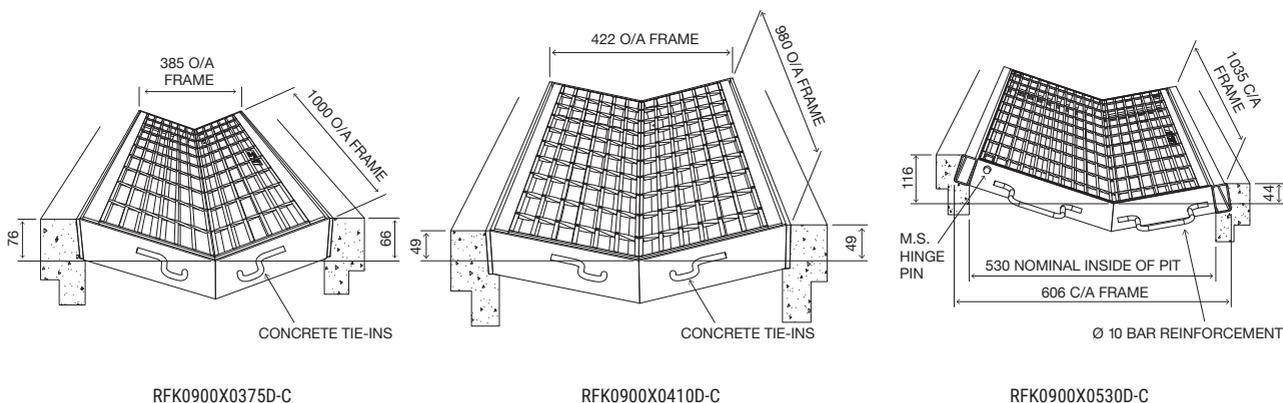
These grates are specifically designed to suit the roll of the kerb and are used predominantly in sub-divisions. All grates are hinged for easy access and bolted down to deter unwanted access. The frame comes with reo concrete tie-ins for easy tying into your formwork prior to casting. These grates meet the respective load class requirements of AS 3996:2019 as detailed in the table below.

All grates are tagged with manufacturers name, load class, grate weight and code number as required by AS 3996:2019.

FEATURES

- Reo concrete tie-ins for easy tying to formwork
- Hinged for easy access
- Bicycle safe design
- Class loads compliant with AS 3996:2019

EXAMPLE DIAGRAM



Product Code	AS 3996:2019 Load Class	Pit Clear Opening Nom. (mm)	Frame Overall (mm)	Frame Depth (mm)	Hinged	Bolt-down	Usage
RFK0900X0375D-C	D	900 x 380	1000 x 385	65	No	Yes	Sub-divisions
RFK0900X0410D-C	D	900 x 400	980 x 422	65	No	Yes	Sub-divisions
RFK0900X0530D-C	D	935 x 500	1035 x 608	65	Yes	Yes	Sub-divisions
RFK198DTEI-C	D	900 x 600	1000 x 618	65	No	Yes	Sub-divisions

DISHED CHANNEL GRATES

DCG



CONTACT OUR SALES TEAM FOR LOCATION SPECIFIC DCG GRATES

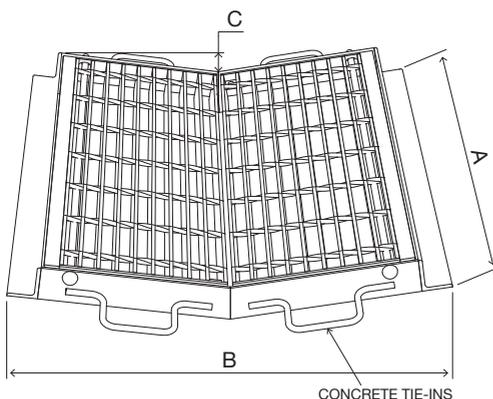
These grates are specifically designed to suit dished crossings. The frame comes with reo concrete tie-ins for easy tying into your formwork prior to casting. These grates meet the respective load class requirements of AS 3996:2019 as detailed in the table below.

All grates are tagged with manufacturers name, load class, grate weight and code number as required by AS 3996:2019.

FEATURES

- Reo concrete tie-ins for easy tying to formwork
- Hinged for easy access
- Bicycle safe design
- Class loads compliant with AS 3996:2019

EXAMPLE DIAGRAM



Refer to table below for measurement details for A, B & C.

Product Code	AS 3996:2019 Load Class	Clear Opening Nom. (mm)	Frame Overall (A x B) (mm)	Invert (C) (mm)	Frame Depth (mm)	Hinged	Bolt-down	Usage
DCG0600X0600D-C	D	631 x 610	729 x 710	47	65	Yes	Yes	Dished crossings
DCG0900X0600D-C	D	910 x 626	1010 x 725	49	63	Yes	Yes	Dished crossings
DCG0750X0750D-C	D	760 x 745	860 x 844	45	65	Yes	Yes	Dished crossings
DCG0900X0800D-C	D	910 x 805	1010 x 904	60	65	Yes	Yes	Dished crossings
DCG0900X0900D-C	D	900 x 905	1000 x 1005	50	65	Yes	Yes	Dished crossings
DCG96DIAD*	D	900 x 660	1000 x 760	50	65	Yes	Yes	Dished crossings

* Diamond Grates

TRENCH GRATES & FRAMES

TGF



A VARIETY OF DROP-IN STYLE GRATES TO SUIT COMMON PRECAST PITS ARE ALSO AVAILABLE. REFER TO THE DIG RANGE ON PAGE 18.

Trench Grates & Frames are manufactured in a range of standard sizes and class rated to meet customer requirements. All grates are bolted down to deter unwanted access and to ensure the grate does not work loose or rattle in the frame. The frame comes with flat bar on each side for easy tying into your formwork prior to casting.

The Weldlok grating pattern is a bicycle safe design providing superior hydraulic capacity. These grates meet the respective load class requirements of AS 3996:2019 as detailed in the table below.

All grates are tagged with manufacturers name, load class, grate weight and code number as required by AS 3996:2019.

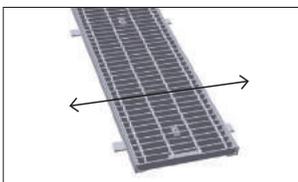
FEATURES

- Bolt-down security
- Bicycle safe design
- Class loads compliant with AS 3996:2019

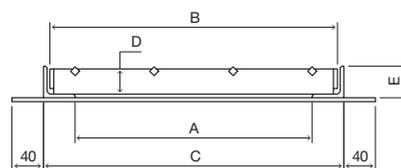
Note: Direction of traffic for forge-welded grating to be predominantly parallel to load bars in Class D applications. For multi-directional travel, Weldlok diamond grating is recommended.

EXAMPLE DIAGRAM

Drive Direction



Opening and Frame Dimensions



Refer to table below for measurement details for A, B, C & D.

Product Code	AS 3996:2016 Load Class	Clear Opening (A) (mm)	Grate Width x Length (B) x Length (mm)	Frame Overall (C) (mm)	Grate Depth (D) (mm)	Frame Depth (E) (mm)
TGF0150B2-C	B	150	196 x 995 (2 No.)	210	25	35
TGF0150D2-C	D	150	224 x 995 (2 No.)	240	40	50
TGF0240B2-C	B	240	285 x 995 (2 No.)	300	25	35
TGF0240D2-C	D	240	324 x 995 (2 No.)	340	45	55
TGF0300B2-C	B	300	346 x 995 (2 No.)	360	25	35
TGF0300D2-C	D	300	394 x 995 (2 No.)	410	50	60
TGF0450B2-C	B	450	534 x 995 (2 No.)	550	45	55
TGF0450D2-C	D	450	544 x 995 (2 No.)	562	75	81
TGF0600B2-C	B	600	682 x 995 (2 No.)	700	57	70
TGF0600D2-C	D	600	694 x 995 (2 No.)	712	75	81

Note: The above Forgebar® trench grates may not be suitable for forklifts & heavy vehicles. Before specifying or selecting, please consult our sales team for advice on the most suitable grating material to suit your application.

SURCHARGE PIT GRATES

SPG



CONTACT OUR SALES TEAM FOR LOCATION SPECIFIC RFK & DCG GRATES

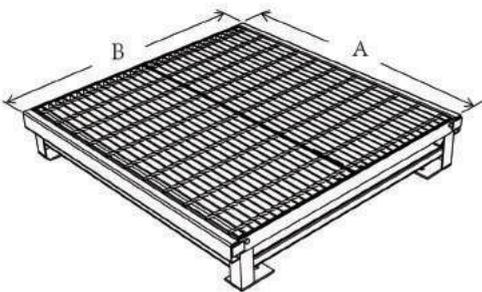
Surcharge Pit Grates are manufactured in a range of standard sizes and are hinged and bolted down with options for bolt down or cast-in legs, generally 300mm long. The bolt down range is suitable for existing pits or where the concrete has been poured before the grate arrives and bolted down to the pit surface wall as required. Cast-in legs are typically used when the grate is cast-in while the pit concrete wall is being poured.

Weldlok can manufacture most sizes and lengths to accommodate your requirements and all grates are tagged with manufacturer's name, load class, grate weight and code number as required by AS 3996:2019.

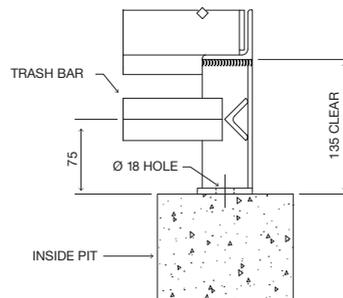
FEATURES

- Hinged (where noted)
- Bolt-down security
- Trash Bar
- Class loads compliant with AS 3996:2019

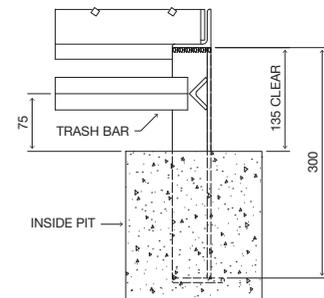
EXAMPLE DIAGRAM



Diagrammatic image of SPG1200X1200BL-C
Refer to the product data table for measurement details of A & B.



SPG Standard Bolted Leg



SPG Standard Cast-in Leg

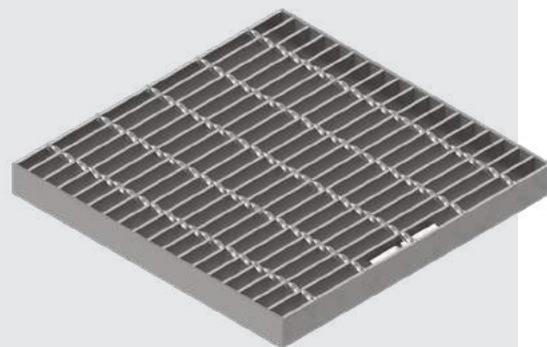
Product Code	AS 3996:2019 Load Class	Grating Panels	Pit Clear Opening nom (mm)	Frame Overall (A x B) (mm)
SPG0450X0450BL-C	A	Single	450 x 450	540 x 555
SPG0600X0600BL-C	A	Single	600 x 600	800 x 750
SPG0600X0900BL-C	A	Single	600 x 900	1070 x 800
SPG0900X0900BL-C	A	Double	900 x 900	1100 x 1050
SPG0900X1200BL-C	A	Double	900 x 1200	1350 x 1100
SPG1200X1200BL-C	A	Double	1200 x 1200	1400 x 1350
SPG1500X1500BL-C*	A	Double	1500 x 1500	1700 x 1700
SPG0600X0600CL-C*	A	Single	600 x 600	800 x 750
SPG0600X0900CL-C*	A	Single	600 x 900	1070 x 800
SPG0900X0900CL-C*	A	Double	900 x 900	1100 x 1050
SPG0900X1200CL-C*	A	Double	900 x 1200	1350 x 1100
SPG1200X1200CL-C*	A	Double	1200 x 1200	1400 x 1350

BL = Bolt-In | CL = Cast-In

* Indicates Made To Order

DROP IN GRATES

DIG



CONTACT OUR SALES TEAM FOR CUSTOM SIZES

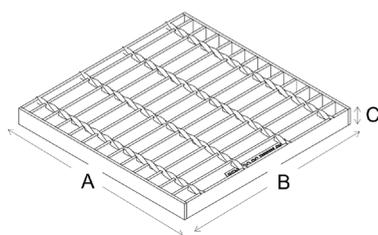
Drop in grates are designed for use with existing recess pits. Available in standard sizes to suit common precast pits these, grates meet the respective load class requirements of AS 3996:2019 as detailed in the table below.

All grates are tagged with manufacturers name, load class, grate weight and code number as required by AS 3996:2019.

FEATURES

- Class loads compliant with AS 3996:2019
- Bicycle safe design
- Drop in style with no frame, hinges or bolts
- Heel Guard design available, refer to HG codes

EXAMPLE DIAGRAM



Refer to table below for measurement details for A, B & C.

Product Code	AS 3996:2019 Load Class	Pit Clear Opening (mm)	Grate Size (A) (mm)	Grate Size (B) (mm)	Grate Depth (C) (mm)	Grate Weight (kg)
DIG0450X0450B-C	B	450 x 450	540	540	50	24.00
DIG0450X0450D-C	D	450 x 450	540	540	50	30.44
DIG0600X0600B-C	B	600 x 600	690	690	50	45.46
DIG0600X0600D-C	D	600 x 600	690	690	50	55.36
DIG0600X0900B-C	B	600 x 900	690	990	50	66.21
DIG0600X0900D-C	D	600 x 900	690	990	50	74.86
DIG0900X0900B-C	B	900 x 900	990	990	50	91.27
DIG0900X0900D-C	D	900 x 900	990	990	50	107.00
DIG0120X01200B-C	B	1200 x 1200	1290	1290	50	169.60
DIG0120X01200D-C	D	1200 x 1200	1290	1290	50	190.67
DIGHG0450x0450B-C	B	450 x 450	540	540	50	29.00
DIGHG0450x0450D-C	D	450 x 450	540	540	50	34.00
DIGHG0600x0600B-C	B	600 x 600	690	690	50	52.00
DIGHG0600x0600D-C	D	600 x 600	690	690	50	59.00
DIGHG0600x0900B-C	B	600 x 900	690	990	50	75.00
DIGHG0600x0900D-C	D	600 x 900	690	990	50	83.00
DIGHG0900x0900B-C	B	900 x 900	990	990	50	104.00
DIGHG0900x0900D-C	D	900 x 900	990	990	50	120.00
DIGHG1200x1200B-C	B	1200 x 1200	1290	1290	50	192.00
DIGHG1200x1200D-C	D	1200 x 1200	1290	1290	50	218.00
BG4545B-QLD-C	B	450 x 450	435	435	50	18.00
BG6060B-QLD-C	B	600 x 600	575	575	50	34.00

CLOSE DIAMOND GRATING

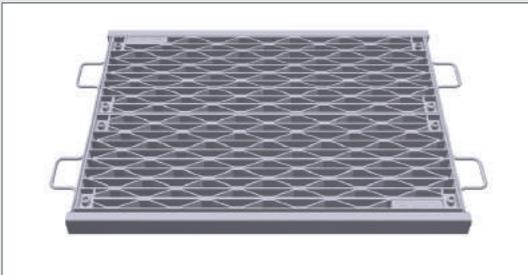
CDG

CONTACT OUR TEAM REGARDING CUSTOM CLOSE DIAMOND GRATING SOLUTIONS

Close Diamond Grating is designed for applications with sustained heavy wheel loads where multi-directional travel across the grating is required. Formed spacer bars can be varied in size to suit the depth of the load bars thus providing maximum lateral restraint for the load bars.

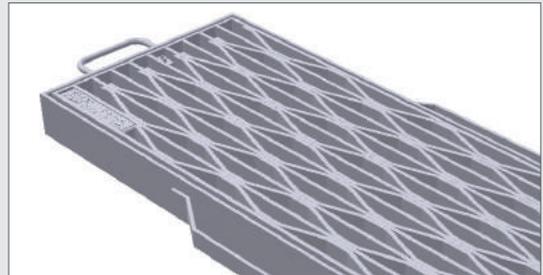
DISHED CHANNEL APPLICATION

Refer to standard products on page 15 or speak with your Weldlok representative regarding a custom solution.



MULTI DIRECTIONAL

Diamond design can be used on a variety of grates to allow multi-directional traffic.



CLASS D EXAMPLE

Shown as used in an external environment with heavy use of forklift trucks.



CUSTOM BUILT GRATES

Designed & Engineered to Exact Specifications

CONTACT OUR TEAM REGARDING CUSTOM SOLUTIONS

Weldlok has been manufacturing custom-designed grating and civil solutions in Australia for more than 40 years.

Our in-house expertise extends across teams in engineering, manufacturing, project management, quality and compliance, working together to solve complex and specialised drainage problems – big or small.

As part of NEPEAN Building & Infrastructure, Weldlok has well established manufacturing facilities in Sydney and Perth. Our capacity allows us to design and fabricate solutions at scale to assist councils, civil engineers, architects and drainage contractors with the correct fit-for-purpose product, including our Australian Made Weldlok Forgebar® mild steel drainage grates or imported ductile iron drainage grates and covers.

Solutions are custom developed to project specifications, or can be designed on consultation including:

- Multi-part covers
- Irregular shapes
- Custom sizes
- Heavy multi-directional loading requiring diamond pattern grates
- Bike safe solutions
- Class A to G load ratings in compliance with AS 3996:2019



Products can be Custom Made-in-Australia



Accreditation No. 12043

Weldlok custom grates can be load tested in compliance with AS 3996:2019 in our NATA-accredited facility (subject to conditions).





DUCTILE RANGE

**Covers and frames
for heavy-duty
applications**



Efficient and safe pit and drain covers for stormwater, sewer and pits on roads, footpaths, and commercial or heavy-duty industrial applications.

SOLID TOP DUCTILE CIRCULAR

STDC



Ductile Iron covers and grates from Weldlok are made from Grade 500/7 ductile iron, designed and engineered to Australian Standards for stormwater and sewer applications.

Covers in this range are gas and watertight with a high strength to weight ratio and two covered lifting points for maneuverability. Finished with our raised signature 'W' pattern on top to create a non-skid surface for roads, pathways and other applications.

FEATURES

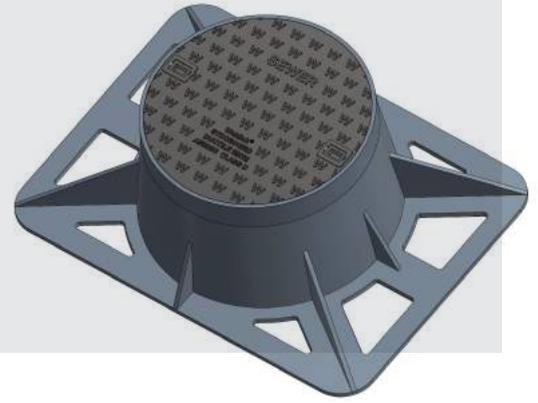
- Non-skid surface
- Gas & Watertight
- Light Weight Cover
- Bolt-down security
- Two Covered Lifting Points
- Class B & D available in Sewer, Stormwater or Maintenance variations
- Class loads compliant with AS 3996:2019

Product Code	AS 3996:2019 Load Class	Product Description	Clear Opening (mm)	Cover Weight (kg)	Frame Depth (mm)
STDCS0600-2B-C	B	Solid Top Ductile Circular 600 C/O Sewer Cover & Frame Class B & 2 Boltdowns	600	28	72
STDCSW0600-2B-C	B	Solid Top Ductile Circular 600 C/O Stormwater Cover & Frame Class B & 2 Boltdowns	600	28	72
STDCP0600-2B-C	B	Solid Top Ductile Circular 600 C/O Plain Cover & Frame Class B & 2 Boltdowns	600	28	72
STDCS0600-2D-C	D	Solid Top Ductile Circular 600 C/O Sewer Cover & Frame Class D & 2 Boltdowns	600	34	72
STDCSW0600-2D-C	D	Solid Top Ductile Circular 600 C/O Stormwater Cover & Frame Class D & 2 Boltdowns	600	34	72
STDCP0600-2D-C	D	Solid Top Ductile Circular 600 C/O Plain Cover & Frame Class D & 2 Boltdowns	600	34	72
STDCPHF0600-4D-C	D	Solid Top Ductile 600 Dia C/O Plain Cover & High Frame with 4 Bolt downs Class D	600	34	125
CONCRETE ENCASED					
STDCCES0600-2B-B	B	Conc.Encased Solid Top Ductile Circular 600 C/O Sewer Cover & Frame Class B & 2 Boltdowns	600	28	150*
STDCCES0600-2D-B	D	Conc.Encased Solid Top Ductile Circular 600 C/O Sewer Cover & Frame Class D & 2 Bolt downs	600	34	150*
STDCCESW0600-2B-B	B	Conc.Encased Solid Top Ductile Circular 600 C/O Stormwater Cover & Frame Class B & 2 Boltdowns	600	28	150*
STDCCESW0600-2D-B	D	Conc.Encased Solid Top Ductile Circular 600 C/O Stormwater Cover & Frame Class D & 2 Boltdowns	600	34	150*
ELECTRICAL & COMMS					
STDCCEL0600-4D-C	D	Solid Top Ductile Circular 600 C/O electrical Cover & Frame Class D & 4 Boltdowns	600	34	72
STDCCOM0600-4D-C	D	Solid Top Ductile 600 Dia C/O Comms Cover & Frame with 4 Bolt downs Class D	600	34	72
DUCTILE GRATE					
STDCGSF0600-4D-C	D	Ductile grate standard frame 600 Dia C/O Cover & Frame with 4 bolts Class D	600	34	72
STDCGHF0600-4D-C	D	Ductile grate high frame 600 Dia C/O Cover & H Frame with 4 bolts Class D	600	34	72

* Depth of concrete

SOLID TOP DUCTILE CIRCULAR

STDCM (Maintenance)



The STDCM range is designed for maintenance applications such as sewer shafts. Covers and frames are gas and watertight and load class-tested in accordance with AS 3996:2019.

Covers are manufactured with our raised signature 'W' pattern on top to create a non-skid surface for roads, pathways and other applications.

FEATURES

- Non-skid surface
- Gas & Watertight
- Light Weight Cover
- Two Covered Lifting Points
- Class loads compliant with AS 3996:2019

Product Code	AS 3996:2019 Load Class	Product Description	Clear Opening (mm)	Cover Weight (kg)	Frame Depth (mm)
STDCS0367B-C	B	Duct Circ ST 367 Maintenance Shaft Sewer Cover & Frame Class B	367	14	84
STDCS0367D-C	D	Duct Circ ST 367 Maintenance Shaft Sewer Cover & Frame Class D	367	26	84
STDCS0375B-C	B	Duct Circ ST 370 Class B Maintenance Shaft Sewer Cover & Frame	370	14	325
STDCS0432D-C	D	Duct Circ ST 432 Class D Maintenance Shaft Sewer Cover & Frame	432	31	325
CONCRETE ENCASED					
STDCCES0367B-B	B	Conc. Encased Duct Circ ST 367 Maintenance Shaft Sewer Cover & Frame Class B	367	14	125*
STDCCES0367D-B	D	Conc. Encased Duct Circ ST 367 Maintenance Shaft Sewer Cover & Frame Class D	367	26	125*

* Depth of concrete

SOLID TOP DUCTILE SQUARE

STDSR



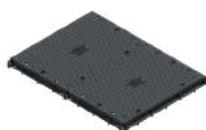
COVERS CAN BE CONCRETE ENCASED ON REQUEST

Solid top square & rectangular ductile covers are designed and engineered to Australian Standards for access applications, manufactured from Grade 500/7 ductile iron. Covers are gas tight and finished with our raised signature 'W' pattern on top to create a non-skid surface.

Two-part covers are available, contact your Weldlok representative for more information.

FEATURES

- Non-skid surface
- Gas tight
- Bolt-down security
- Covered lifting points
- Class loads compliant with AS 3996:2019



STDSR0900X1200D



CIDSR1200X1200D

Product Code	AS 3996:2019 Load Class	Product Description	Clear Opening (mm)	Cover Weight (kg)	Frame Depth (mm)
STDSR0450X0450B-C	B	Solid Top Ductile Sq/Rec. 450x450mm Gas Tight Class B Access Cover & Frame	450 x 450	26	48
STDSR0450X0450D-C	D	Solid Top Ductile Sq/Rec. 450x450mm Gas Tight Class D Access Cover & Frame	450 x 450	40	89
STDSR0600X0450B-C	B	Solid Top Ductile Sq/Rec. 600x450mm Access Cover & Frames Class B	600 x 450	38	59
STDSR0600X0450D-C	D	Solid Top Ductile Sq/Rec. 600x450mm Access Cover & Frames Class D	600 x 450	52	84
STDSR0600X0600B-C	B	Solid Top Ductile Sq/Rec. 600x600mm Gas Tight Class B Access Cover & Frame	600 x 600	41	48
STDSR0600X0600D-C	D	Solid Top Ductile Sq/Rec. 600x600mm Gas Tight Class D Access Cover & Frame	600 x 600	58	89
STDSR0900X0600B-C	B	Solid Top Ductile Sq/Rec. 900x600mm Gas Tight Class B Access Cover & Frame	900 x 600	60	48
STDSR0900X0600D-C	D	Solid Top Ductile Sq/Rec. 900x600mm Gas Tight Class D Access Cover & Frame	900 x 600	90	89
STDSR0900X0900B-C	B	Solid Top Ductile Sq/Rec. 900x900mm Gas Tight Class B Access Cover & Frame	900 x 900	83	48
STDSR0900X0900D-C	D	Solid Top Ductile Sq/Rec. 900x900mm Gas Tight Class D Access Cover & Frame	900 x 900	105	89
2-PART COVERS					
STDSR0900X1200D-C	D	Solid Top Ductile Sq/Rec. 900 x 1200mm 2-part Class D Access Cover & Frame	900 x 1200	74	84
STDSR1200X1200B-C	B	Solid Top Ductile Sq/Rec. 1200 X 1200 C/O 2-part Access Cover & Frames Class B	1200 x 1200	89	59
STDSR1200X1200D-C	D	Solid Top Ductile Sq/Rec. 1200 X 1200 C/O 2-part Access Cover & Frames Class D	1200 x 1200	160	88

CONCRETE INFILL DUCTILE

CIDSR & CIDCS



NEW DESIGN – COVERS CAN BE CONCRETE ENCASED ON REQUEST

Manufactured from Grade 500/7 ductile iron CIDSR & CIDCS are designed for concrete infill applications and provide a gas and watertight solution.

Square products (CIDSR) are designed with a 4-piece frame that can join together in a trench run to cover a larger area.

All products meet the respective load class requirements of AS 3996:2019 as detailed in the table below and carry the manufacturers name, load class, grate weight and code number.

FEATURES

- No holes in base
- Gas tight
- Bolt-down security
- Four covered lifting points
- Class loads compliant with AS 3996:2019

Product Code	AS 3996:2019 Load Class	Product Description	Clear Opening (mm)	Cover Weight (kg)	Frame Depth (mm)
SQUARE					
CIDSR0450X0450B-C	B	Concrete Infill Ductile Sq/Rec 450x450mm Gas Tight Class B Access Cover & Frame	450 x 450	28	48
CIDSR0450X0450D-C	D	Concrete Infill Ductile Sq/Rec 450x450mm Gas Tight Class D Access Cover & Frame	450 x 450	42	89
CIDSR0600X0600B-C	B	Concrete Infill Ductile Sq/Rec 600x600mm Gas Tight Class B Access Cover & Frame	600 x 600	43	48
CIDSR0600X0600D-C	D	Concrete Infill Ductile Sq/Rec 600x600mm Gas Tight Class D Access Cover & Frame	600 x 600	72	89
CIDSR0900X0600B-C	B	Concrete Infill Ductile Sq/Rec 900x600mm Gas Tight Class B Access Cover & Frame	900 x 600	68	48
CIDSR0900X0600D-C	D	Concrete Infill Ductile Sq/Rec 900x600mm Gas Tight Class D Access Cover & Frame	900 x 600	105	89
CIDSR0900X0900B-C	B	Concrete Infill Ductile Sq/Rec 900x900mm Gas Tight Class B Access Cover & Frame	900 x 900	90	48
CIDSR0900X0900D-C	D	Concrete Infill Ductile Sq/Rec 900x900mm Gas Tight Class D Access Cover & Frame	900 x 900	128	89
2-PART COVERS					
CIDSR0900X1200D-C	D	Conc Infill Ductile Sq/Rec. 900 x 1200mm 2-part Class D Access Cover & Frame	900 x 1200	73	84
CIDSR1200X1200B-C	B	Conc Infill Ductile Sq/Rec. 1200 X 1200 C/O 2-part Access Cover & Frames class B	1200 x 1200	89	59
CIDSR1200X1200D-C	D	Conc Infill Ductile Sq/Rec. 1200 X 1200 C/O 2-part Access Cover & Frames class D	1200 x 1200	160	88
CIRCULAR					
CIDCS0600-2D-C	D	Conc. Infill Ductile circular 600mm dia Access Cover & Frame Class D	600	47	72

SLOTTED DUCTILE

WGD



CONTACT OUR SALES TEAM FOR THE MOST SUITABLE PRODUCT FOR YOUR REGION

Weldlok slotted ductile iron products are made from Grade 500/7 ductile iron and designed to meet the respective load class requirements of AS 3996:2019 as detailed in the table below.

The slotted style provides superior water drainage for applications requiring heavy-duty ductile products. Grates and frames are hinged for easy ongoing maintenance with bolt-down points for security. Slotted weave designs are also available in standard frame or deep frame versions depending on application.

FEATURES

- Grade 500/7 ductile iron
- Hinged design
- Bolt-down security
- Bicycle safe design
- Class loads in accordance with AS 3996:2019



WGDSR0650X0450D



WGDSR0650X0450DDF



WGDSR0900X0450D



WGDSR0900X0450DDF



G0600X0600D



G0600X0600G

Product Code	AS 3996:2019 Load Class	Product Description	Clear Opening (mm)	Cover Weight (kg)	Frame Depth (mm)
WGDSR0650X0450D-C	D	Slotted Weave Ductile Sq/Rec 650x450mm Grate Single Part Grate & STD Frame Class D	650 x 450	43	65
WGDSR0650X0450DDF-C	D	Slotted Weave Ductile Sq/Rec 650x450mm Grate Single Part Grate & Deep Frame Class D	650 x 450	43	140
WGDSR0900X0450D-C	D	Slotted Weave Ductile Sq/Rec 900x450mm Grate Single Part Grate & STD Frame Class D	900 x 450	57	65
WGDSR0900X0450DDF-C	D	Slotted Weave Ductile Sq/Rec 900x450mm Grate Single Part Grate & Deep Frame Class D	900 x 450	57	140
G0600X0600D-C	D	Slotted Ductile Sq/Rec 600x600mm Grate & Frame Class D	600 x 600	42	50
G0600X0600G-C	G	Slotted Ductile Sq/Rec 600x600mm Grate & Frame Class D	600 x 600	106	100

QLD SPECIFIC DUCTILE COVERS

QUU



CONTACT OUR SALES TEAM FOR THE MOST SUITABLE PRODUCT FOR YOUR REGION

The Weldlok range of specific ductile covers are made from Grade 500/7 ductile iron, designed and engineered to specifications as required by councils and governing authorities.

The below selection of circular ductile covers meet QUU requirements. Contact our sales team for the most suitable product for your region.

FEATURES

- Non-skid surface
- Bolt-down security
- Designed to meet QUU requirements
- Class loads in accordance with AS 3996:2019

Product Code	AS 3996:2019 Load Class	Product Description	Clear Opening (mm)	Cover Weight (mm)	Frame Depth (mm)
QLD					
QUU-STDC0600S4B-C	B	Solid Top Ductile 600Dia C/O Sewer Cover & Frame with 4 Bolt downs Class B	600	30	60
QUU-CIDC0600S4B-C	B	Conc. Infill Ductile 600Dia C/O Sewer Cover & Frame with 4 Bolt downs Class B	600	30	60
QUU-STDC0600S4D-C	D	Solid Top Ductile 600Dia C/O Sewer Cover & Frame with 4 Bolt downs Class D	600	40	110

WA SPECIFIC DUCTILE CIRCULAR

STDC



CONTACT OUR SALES TEAM FOR THE MOST SUITABLE PRODUCT FOR YOUR REGION

The Weldlok range of region-specific ductile covers are made from Grade 500/7 ductile iron, designed and manufactured to specifications as required by councils and governing authorities.

The below selection of circular ductile covers and grates meets the requirements for use in Western Australia. The WA-specific range is available in solid top or ductile grate variants in both standard or high frame depths. Solid top covers are also available in a variety of specific use markings. Contact our sales team for advice on the most suitable product for your region and application.

FEATURES

- Grade 500/7 ductile iron
- Bolt-down security (where noted)
- Plain or marked covers (where noted)
- Class loads in accordance with AS 3996:2019
- Compliant with requirements for Western Australia



STDCS0600-4D



STDCSW0600-4D



STDCPHF0600-4D



STDCGSF0600-4D



STDCGHF0600-4D

Product Code	AS 3996:2019 Load Class	Product Description	Clear Opening (mm)	Cover Weight (mm)	Frame Depth (mm)
SOLID TOP					
STDCS0600-4D-C	D	Solid Top Ductile 600Dia C/O Sewer Cover & Frame with 4 Bolt downs Class D	600	34	72
STDCSW0600-4D-C	D	Solid Top Ductile 600Dia C/O Stormwater Cover & Frame with 4 Bolt downs Class D	600	34	72
STDCP0600-4D-C	D	Solid Top Ductile Circular 600 C/O Plain Cover & Frame Class D with 4 Bolt downs	600	34	72
STDCCOM0600-4D-C	D	Solid Top Ductile 600Dia C/O Comms Cover & Frame with 4 Bolt downs Class D	600	34	72
STDCEL0600-4D-C	D	Solid Top Ductile 600Dia C/O Elec Cover & Frame with 4 Bolt downs Class D	600	34	72
STDCSIG0600-4D-C	D	Solid Top Ductile 600Dia C/O Signalling Cover & Frame with 4 Bolt downs Class D	600	34	72
STDCPHF0600-4D-C	D	Solid Top Ductile 600Dia C/O Plain Cover & High Frame with 4 Bolt downs Class D	600	34	125
DUCTILE GRATES					
STDCGSF0600-4D-C	D	Ductile grate standard frame 600 Dia C/O Cover & Frame with 4 bolts Class D	600	34	72
STDCGHF0600-4D-C	D	Ductile grate high frame 600 Dia C/O Cover & H Frame with 4 bolts Class D	600	34	125

All 600 diameter circular covers are available in high frame depths. Speak with your Weldlok Representative for details.

WA SPECIFIC DUCTILE RECTANGULAR

CID, STD & WGD



CONTACT OUR SALES TEAM FOR THE MOST SUITABLE PRODUCT FOR YOUR REGION

The Weldlok range of region-specific ductile covers are made from Grade 500/7 ductile iron, designed and manufactured to specifications as required by councils and governing authorities.

The below selection of rectangular ductile covers and slotted weave grates meets the requirements for use in Western Australia. The WA-specific range includes 2-Part solid top or infill covers for Water Corp, and slotted weave grates in various sizes. Contact our sales team for advice on the most suitable product for your region and application.

FEATURES

- Grade 500/7 ductile iron
- Solid top and infill covers include Water Corp markings and bolt-down security
- Ductile grates available in standard or high frames
- Class loads in accordance with AS 3996:2019
- Compliant with requirements for Western Australia



WGDSR0650X0450D



WGDSR0900X0450D



WGDSR0900X0450DDF



CID2PWC0900X0600D



STD2PWC0900X0600D

Product Code	AS 3996:2019 Load Class	Product Description	Clear Opening (mm)	Cover Weight (mm)	Frame Depth (mm)
2-PART COVERS					
CID2PWC0900X0600D-C	D	Infill Cover Ductile 2-part 900x600mm Water Corp Cover & Frame Class D	900 x 600	52	81
STD2PWC0900X0600D-C	D	Solid Top Ductile 2-part 900x600mm Water Corp Cover & Frame Class D	900 x 600	52	84
SLOTTED WEAVE GRATES					
WGDSR0650X0450D-C	D	Slotted Weave Ductile Sq/Rec 650x450mm Grate Single Part Grate & STD Frame Class D	650 x 450	43	65
WGDSR0650X0450DDF-C	D	Slotted Weave Ductile Sq/Rec 650x450mm Grate Single Part Grate & Deep Frame Class D	650 x 450	43	140
WGDSR0900X0450D-C	D	Slotted Weave Ductile Sq/Rec 900x450mm Grate Single Part Grate & STD Frame Class D	900 x 450	57	65
WGDSR0900X0450DDF-C	D	Slotted Weave Ductile Sq/Rec 900x450mm Grate Single Part Grate & Deep Frame Class D	900 x 450	57	140

ANCILLARY ITEMS

Additional Products & Accessories

Additional products and accessories designed to work seamlessly with other Weldlok civil products.

Product Code	AS 3996:2019 Load Class	Product Description	Dimensions
CDLIFT-TOOL	N/A	Ductile Cover Lifting Handle - Tool suits all ductile covers	1 meter long handle
WEEPHOLE	N/A	Hot-dip Galvanised Weep Hole with 30 degree angled opening	150mm width x 350mm length x 50mm height
TELSTRA-PIT-4LIDB-D	B	Telstra Pit Cover 4	1417mm (w) x 1240mm (l)
TELSTRA-PIT-6LIDC-D	C	Telstra Pit 6	1417 (w) x 1860mm (l)
STEPIRON-YPE-375	N/A	375mm Step Iron suitable for fitting into new and existing concrete situations	375mm (w)

LIFTING HANDLE

Suitable for use with all ductile covers, the long handle design enables effortless removal with minimal manual handling. Finished in high contrast blue for easy identification.

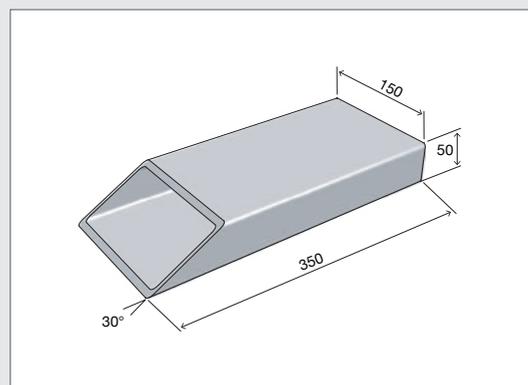


TELSTRA PIT LIDS

Specifically designed in line with Telstra requirements.

WEEP HOLE

Hot-dip galvanised in accordance with AS4680:2006, the weep hole is suitable for civil applications. Sized at 150mm wide extending to a total depth of 350mm, weep holes have a 30 degree angled opening and external height of 50mm.





PRODUCT CODE INDEX



Products are organised in alphanumeric order for easy reference.
For custom solutions please contact our team.

PRODUCT CODE INDEX

CONTACT OUR SALES TEAM FOR SUPPORT OR REGARDING CUSTOM PRODUCTS

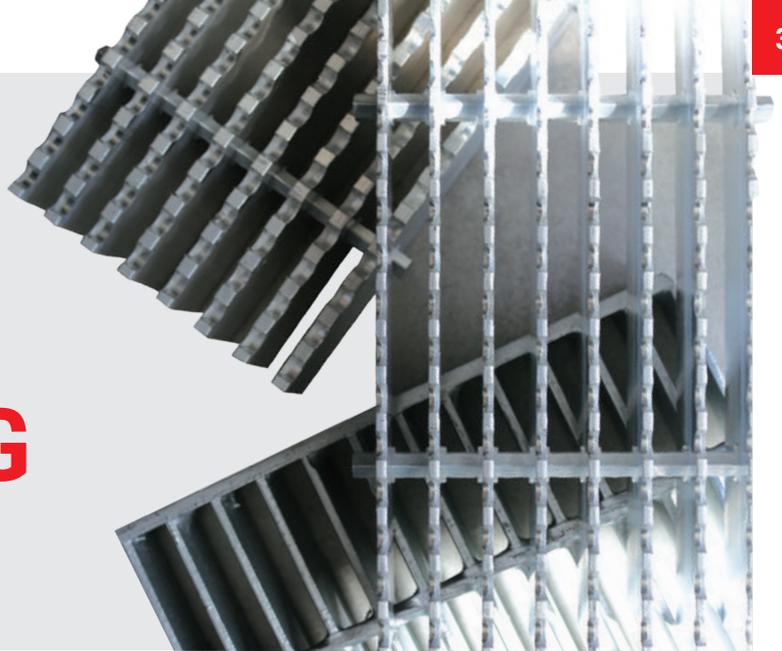
Code	Range	AS 3996:2019 Load Class	Page Number
BCCG9090DD*	Gully Grate	D	11
BCCGG*	Gully Grate	D	12
BG4545B-QLD-C	Drop In Grates	B	18
BG6060B-QLD-C	Drop In Grates	B	18
CDLIFT-TOOL	Ancillary Items	N/A	30
CID2PWC0900X0600D-C	WA Specific Ductile Rectangular	D	29
CIDCS0600-2D-C	Concrete Infill Ductile	D	25
CIDSR0450X0450B-C	Concrete Infill Ductile	B	25
CIDSR0450X0450D-C	Concrete Infill Ductile	D	25
CIDSR0600X0600B-C	Concrete Infill Ductile	B	25
CIDSR0600X0600D-C	Concrete Infill Ductile	D	25
CIDSR0900X0600B-C	Concrete Infill Ductile	B	25
CIDSR0900X0600D-C	Concrete Infill Ductile	D	25
CIDSR0900X0900B-C	Concrete Infill Ductile	B	25
CIDSR0900X0900D-C	Concrete Infill Ductile	D	25
CIDSR0900X1200D-C	Concrete Infill Ductile	D	25
CIDSR1200X1200B-C	Concrete Infill Ductile	B	25
CIDSR1200X1200D-C	Concrete Infill Ductile	D	25
DCG0600X0600D-C	Dished Channel Grates	D	15
DCG0750X0750D-C	Dished Channel Grates	D	15
DCG0900X0600D-C	Dished Channel Grates	D	15
DCG0900X0800D-C	Dished Channel Grates	D	15
DCG0900X0900D-C	Dished Channel Grates	D	15
DCG96DIAD*	Dished Channel Grates	D	15
DG0600X0600I-C	Gully Grate	A	12
DG0600X0900I-C	Gully Grate	A	12
DG0900X0900I-C	Gully Grate	A	12
DG1200X1200I-D	Gully Grate	A	12
DIG0120X01200B-C	Drop In Grates	B	18
DIG0120X01200D-C	Drop In Grates	D	18
DIG0450X0450B-C	Drop In Grates	B	18
DIG0450X0450D-C	Drop In Grates	D	18
DIG0600X0600B-C	Drop In Grates	B	18
DIG0600X0600D-C	Drop In Grates	D	18
DIG0600X0900B-C	Drop In Grates	B	18
DIG0600X0900D-C	Drop In Grates	D	18
DIG0900X0900B-C	Drop In Grates	B	18
DIG0900X0900D-C	Drop In Grates	D	18
DIGHG0450x0450B-C	Drop In Grates	B	18
DIGHG0450x0450D-C	Drop In Grates	D	18
DIGHG0600x0600B-C	Drop In Grates	B	18
DIGHG0600x0600D-C	Drop In Grates	D	18
DIGHG0600x0900B-C	Drop In Grates	B	18
DIGHG0600x0900D-C	Drop In Grates	D	18
DIGHG0900x0900B-C	Drop In Grates	B	18
DIGHG0900x0900D-C	Drop In Grates	D	18
DIGHG1200x1200B-C	Drop In Grates	B	18
DIGHG1200x1200D-C	Drop In Grates	D	18
G0600X0600D-C	Slotted Ductile	D	26
G0600X0600G-C	Slotted Ductile	G	26
GG-900X0400SD-C	Gully Grate	D	11
GG-GC0900x0600D-C	Gully Grate	D	12
GG-MRWA-GT-GRATE-D-C	Gully Grate	D	12
GG-MRWA-HN-GRATE-D-C	Gully Grate	D	12
GG084SD1000X0760D-C	Gully Grate	D	11
GG0900X02552DIAD-C	Gully Grate	D	11
GG0900X0338HUMDD-C	Gully Grate	D	11
GG0900X0355HUMD-C	Gully Grate	D	11
GG0900X0395DD-C	Gully Grate	D	11
GG0900X0400D-C	Gully Grate	D	11
GG0900X0460DD-C*	Gully Grate	D	11
GG0900X0520DARD-C	Gully Grate	D	11
GG0900X0600DD-C*	Gully Grate	D	11

Code	Range	AS 3996:2019 Load Class	Page Number
GG1000X0520D-C	Gully Grate	D	11
GG42-0900X0430D-C	Gully Grate	D	11
GG50-0900X0400B-C	Gully Grate	B	11
GG50-0900X0400D-C	Gully Grate	D	11
GG52-0900X0400D-C	Gully Grate	D	11
GG64-0900X460C-C	Gully Grate	C	11
GG65-1188X1008CD-C	Gully Grate	C & D	11
GG66-0900X0370D-C	Gully Grate	D	11
GGSSBK0900X0400SD-C	Gully Grate	D	11
HPG0300X0300B-C	Hinged Pit Grates	B	8
HPG0750X0750D-C	Hinged Pit Grates	D	8
HPG0900X1200B-C	Hinged Pit Grates	B	8
HPG0900X1200D-C	Hinged Pit Grates	D	8
HPG1200X1200B-C	Hinged Pit Grates	B	8
HPG1200X1200D-C	Hinged Pit Grates	D	8
HPG1500X1500B-KIT-C*	Hinged Pit Grates	B	8
HPG1500X1500D-KIT-C*	Hinged Pit Grates	D	8
LPGF0642X0522D-C	Main Road Grates	D	13
LPGFS0920X0372D-C	Main Road Grates	D	13
LPGMGSG0678X0645D-C	Main Road Grates	N/A	13
LPGSAL0850X0525D-C	Main Road Grates	D	13
LPGSAS0850X0372D-C	Main Road Grates	D	13
LPGSE0522X0405D-C	Main Road Grates	D	13
LPGSKD1540X0880D-C	Main Road Grates	D	13
LPGSKS0880X0700D-C	Main Road Grates	D	13
LPGSOD1540X0750D-C	Main Road Grates	D	13
LPGSOS0750X0750D-C	Main Road Grates	D	13
PGF0450X0450A-C	Hinged Pit Grates	A	8
PGF0450X0450B-C	Hinged Pit Grates	B	8
PGF0450X0450D-C	Hinged Pit Grates	D	8
PGF0600X0600A-C	Hinged Pit Grates	A	8
PGF0600X0600B-C	Hinged Pit Grates	B	8
PGF0600X0600C-C	Hinged Pit Grates	C	8
PGF0600X0600D-C	Hinged Pit Grates	D	8
PGF0600X0900A-C	Hinged Pit Grates	A	8
PGF0600X0900B-C	Hinged Pit Grates	B	8
PGF0600X0900D-C	Hinged Pit Grates	D	8
PGF0900X0900A-C	Hinged Pit Grates	A	8
PGF0900X0900B-C	Hinged Pit Grates	B	8
PGF0900X0900C-C	Hinged Pit Grates	C	8
PGF0900X0900D-C	Hinged Pit Grates	D	8
PGFEHI0600x0600C-C	Gully Grate	C	12
PGFEHI0600x0900C-C	Gully Grate	C	12
PGFEHI1200x1200C-C	Gully Grate	C	12
PGFHG0450X0450A-C	Heel Guard Pedestrian	A	9
PGFHG0450X0450B-C	Heel Guard Pedestrian	B	9
PGFHG0450X0450D-C	Heel Guard Pedestrian	D	9
PGFHG0600X0600A-C	Heel Guard Pedestrian	A	9
PGFHG0600X0600B-C	Heel Guard Pedestrian	B	9
PGFHG0600X0600D-C	Heel Guard Pedestrian	D	9
PGFHG0600X0900A-C	Heel Guard Pedestrian	A	9
PGFHG0600X0900B-C	Heel Guard Pedestrian	B	9
PGFHG0600X0900D-C	Heel Guard Pedestrian	D	9
PGFHG0900X0900A-C	Heel Guard Pedestrian	A	9
PGFHG0900X0900B-C	Heel Guard Pedestrian	B	9
PGFHG0900X0900D-C	Heel Guard Pedestrian	D	9
QUU-CIDC0600S4B-C	QLD Specific Ductile Covers	B	27
QUU-STDC0600S4B-C	QLD Specific Ductile Covers	B	27
QUU-STDC0600S4D-C	QLD Specific Ductile Covers	D	27
RCCG9090DD*	Gully Grate	D	11
RFK0900X0375D-C	Roll-Formed Kerb Grates	D	14
RFK0900X0410D-C	Roll-Formed Kerb Grates	D	14
RFK0900X0530D-C	Roll-Formed Kerb Grates	D	14
RFK198DTEI-C	Roll-Formed Kerb Grates	D	14
SPG0450X0450BL-C	Surcharge Pit Grates	A	17
SPG0600X0600BL-C	Surcharge Pit Grates	A	17
SPG0600X0600CL-C*	Surcharge Pit Grates	A	17
SPG0600X0900BL-C	Surcharge Pit Grates	A	17
SPG0600X0900CL-C*	Surcharge Pit Grates	A	17
SPG0900X0900BL-C	Surcharge Pit Grates	A	17
SPG0900X0900CL-C*	Surcharge Pit Grates	A	17
SPG0900X1200BL-C	Surcharge Pit Grates	A	17
SPG0900X1200CL-C*	Surcharge Pit Grates	A	17
SPG1200X1200BL-C	Surcharge Pit Grates	A	17
SPG1200X1200CL-C*	Surcharge Pit Grates	A	17
SPG1500X1500BL-C*	Surcharge Pit Grates	A	17

Code	Range	AS 3996:2019 Load Class	Page Number
STD2PWC0900X0600D-C	WA Specific Ductile Rectangular	D	29
STDCCES0367B-B	Solid Top Ductile Circular (maintenance)	B	23
STDCCES0367D-B	Solid Top Ductile Circular (maintenance)	D	23
STDCCES0600-2B-B	Solid Top Ductile Circular	B	22
STDCCES0600-2D-B	Solid Top Ductile Circular	D	22
STDCCESW0600-2B-B	Solid Top Ductile Circular	B	22
STDCCESW0600-2D-B	Solid Top Ductile Circular	D	22
STDCCOM0600-4D-C	Solid Top Ductile Circular	D	22
STDCCOM0600-4D-C	WA Specific Ductile Circular	D	28
STDCEL0600-4D-C	Solid Top Ductile Circular	D	22
STDCEL0600-4D-C	WA Specific Ductile Circular	D	28
STDCGHF0600-4D-C	Solid Top Ductile Circular	D	22
STDCGHF0600-4D-C	WA Specific Ductile Circular	D	28
STDCGSF0600-4D-C	Solid Top Ductile Circular	D	22
STDCGSF0600-4D-C	WA Specific Ductile Circular	D	28
STDCP0600-2B-C	Solid Top Ductile Circular	B	22
STDCP0600-2D-C	Solid Top Ductile Circular	D	22
STDCP0600-4D-C	WA Specific Ductile Circular	D	28
STDCPHF0600-4D-C	Solid Top Ductile Circular	D	22
STDCPHF0600-4D-C	WA Specific Ductile Circular	D	28
STDCS0367B-C	Solid Top Ductile Circular (maintenance)	B	23
STDCS0367D-C	Solid Top Ductile Circular (maintenance)	D	23
STDCS0375B-C	Solid Top Ductile Circular (maintenance)	B	23
STDCS0432D-C	Solid Top Ductile Circular (maintenance)	D	23
STDCS0600-2B-C	Solid Top Ductile Circular	B	22
STDCS0600-2D-C	Solid Top Ductile Circular	D	22
STDCS0600-4D-C	WA Specific Ductile Circular	D	28
STDCSIG0600-4D-C	WA Specific Ductile Circular	D	28
STDCSW0600-2B-C	Solid Top Ductile Circular	B	22
STDCSW0600-2D-C	Solid Top Ductile Circular	D	22
STDCSW0600-4D-C	WA Specific Ductile Circular	D	28
STDSR0450X0450B-C	Solid Top Ductile Square	B	24
STDSR0450X0450D-C	Solid Top Ductile Square	D	24
STDSR0600X0450B-C	Solid Top Ductile Square	B	24
STDSR0600X0450D-C	Solid Top Ductile Square	D	24
STDSR0600X0600B-C	Solid Top Ductile Square	B	24
STDSR0600X0600D-C	Solid Top Ductile Square	D	24
STDSR0900X0600B-C	Solid Top Ductile Square	B	24
STDSR0900X0600D-C	Solid Top Ductile Square	D	24
STDSR0900X0900B-C	Solid Top Ductile Square	B	24
STDSR0900X0900D-C	Solid Top Ductile Square	D	24
STDSR0900X1200D-C	Solid Top Ductile Square	D	24
STDSR1200X1200B-C	Solid Top Ductile Square	B	24
STDSR1200X1200D-C	Solid Top Ductile Square	D	24
STEPIRON-YPE-375	Ancillary Items	N/A	30
TELSTRA-PIT-4LIDB-D	Ancillary Items	B	30
TELSTRA-PIT-6LIDC-D	Ancillary Items	C	30
TGF0150B2-C	Trench Grates & Frames	B	16
TGF0150D2-C	Trench Grates & Frames	D	16
TGF0240B2-C	Trench Grates & Frames	B	16
TGF0240D2-C	Trench Grates & Frames	D	16
TGF0300B2-C	Trench Grates & Frames	B	16
TGF0300D2-C	Trench Grates & Frames	D	16
TGF0450B2-C	Trench Grates & Frames	B	16
TGF0450D2-C	Trench Grates & Frames	D	16
TGF0600B2-C	Trench Grates & Frames	B	16
TGF0600D2-C	Trench Grates & Frames	D	16
TGFHG0150B2-C	Heel Guard Trench Grates	B	10
TGFHG0150D2-C	Heel Guard Trench Grates	D	10
TGFHG0240B2-C	Heel Guard Trench Grates	B	10
TGFHG0240D2-C	Heel Guard Trench Grates	D	10
TGFHG0300B2-C	Heel Guard Trench Grates	B	10
TGFHG0300D2-C	Heel Guard Trench Grates	D	10
TGFHG0450B2-C	Heel Guard Trench Grates	B	10
TGFHG0450D2-C	Heel Guard Trench Grates	D	10
TGFHG0600B2-C	Heel Guard Trench Grates	B	10
TGFHG0600D2-C	Heel Guard Trench Grates	D	10
WEEPHOLE	Ancillary Items	N/A	30
WGDSR0650X0450D-C	Slotted Ductile	D	26
WGDSR0650X0450D-C	WA Specific Ductile Rectangular	D	29
WGDSR0650X0450DDF-C	Slotted Ductile	D	26
WGDSR0650X0450DDF-C	WA Specific Ductile Rectangular	D	29
WGDSR0900X0450D-C	Slotted Ductile	D	26
WGDSR0900X0450D-C	WA Specific Ductile Rectangular	D	29
WGDSR0900X0450DDF-C	Slotted Ductile	D	26
WGDSR0900X0450DDF-C	WA Specific Ductile Rectangular	D	29

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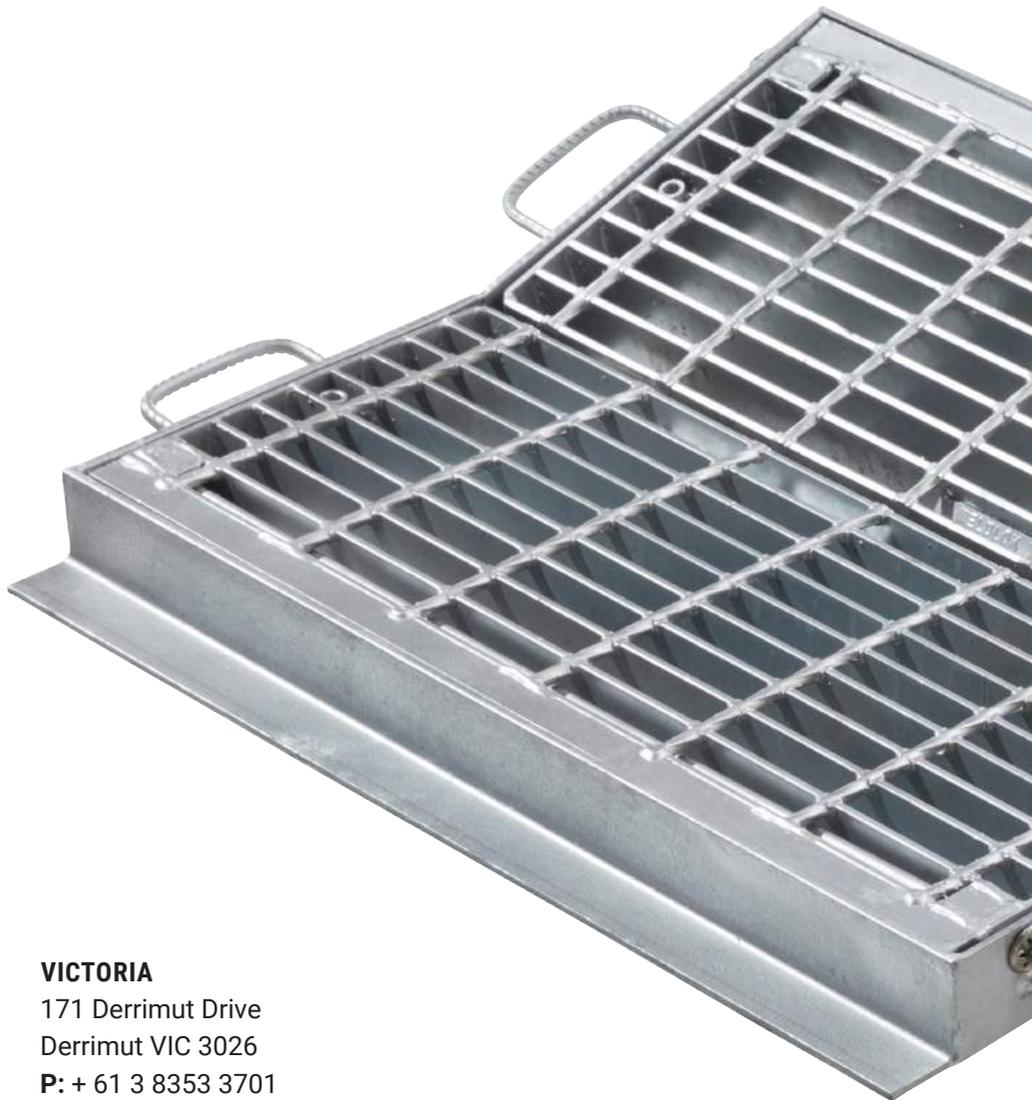
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