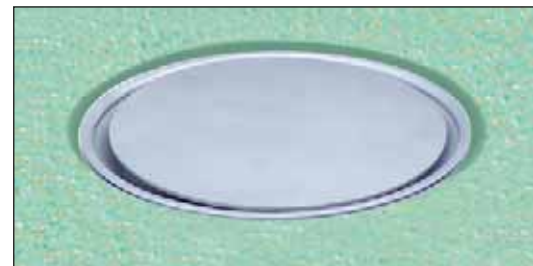
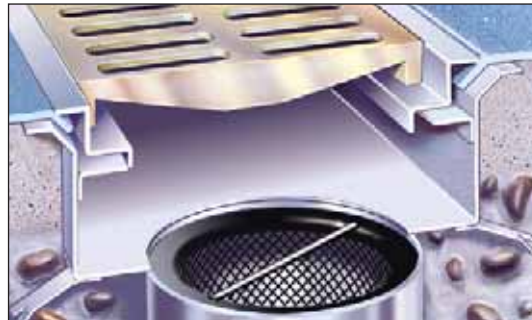


Uniclass	EPIC
CI/SfB	

September 2010



*Drainage Products
for use with sheet floor covering*



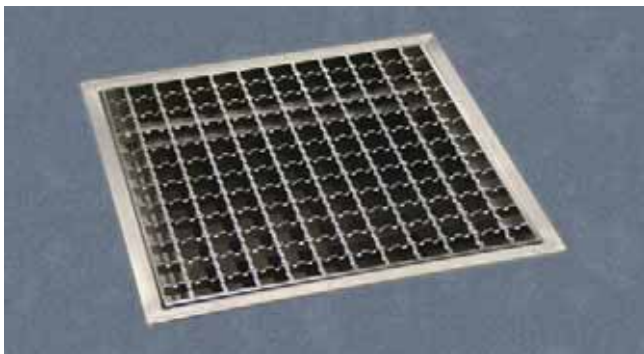
A privately owned U.K. company with more than forty five years' experience in the industry, Wade is established as a leading manufacturer of quality drainage products. Much of the success of the business is attributable to an on-going commitment to put technology to practical use, to generate fresh ideas, and to guarantee quality assured production.

Worldwide demand for higher standards of hygiene and safety in buildings is reflected in the increasing use of modern slip-resistant flooring.

In keeping with its position at the forefront in the design and manufacture of drainage products, Wade has developed a range of channels, gullies, gratings and covers specifically for use with flexible sheet floor covering, such as vinyl.

Appearance

To complement the aesthetic values of their surroundings, superbly finished gratings and covers are available in stainless steel, nickel bronze (satin finish) and polished bronze.



Hygiene

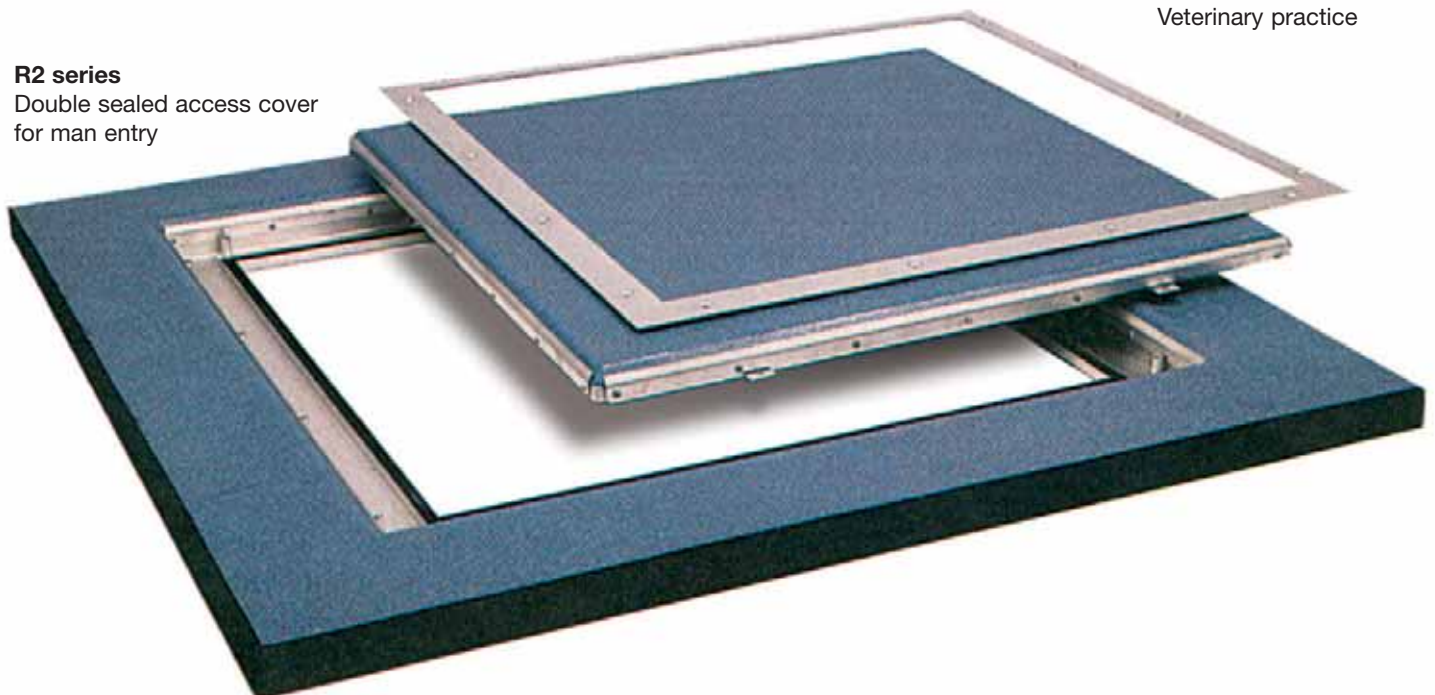
Stainless steel gullies combine unobtrusive clamping of sheet flooring material with close fitting stainless steel gratings (anti-slip mesh grating Q4343 pictured).



Veterinary practice

R2 series

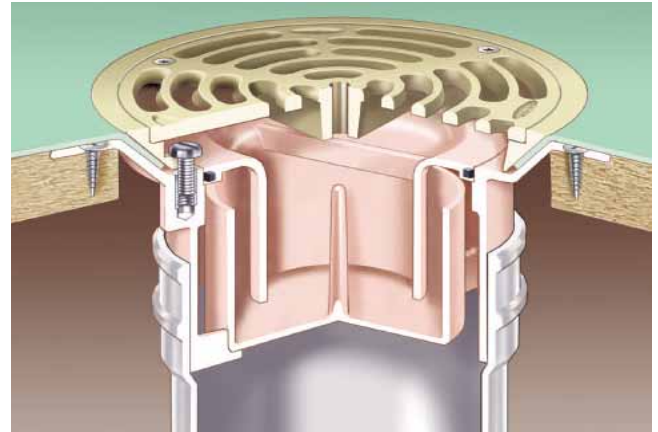
Double sealed access cover for man entry





Integrity

Unobtrusive clamping ensures a watertight seal, yet gratings/covers are removable for access to pipework without disturbing the flooring material.



Drainage in a timber deck with vinyl flooring

GV series trapped gullies offer a compact, lightweight range with options to suit a variety of installations.



Heavy duty bar grating

Stainless steel channel and grating designed for trolley wheel-loading.



North Sea oil rig

P4 and P5 series non-spark gunmetal gullies with deep sump are used in metal decks such as on oil rigs and ships. For details of these gullies, please contact our Technical Services Department.



Drainage and service access in a kitchen with vinyl flooring

K2303 gratings of nickel bronze and R213 access cover of stainless steel.

Quality assurance

Certification of compliance with BS EN ISO 9001 underlines our commitment to quality and service.

A range of superbly finished gratings is available for use with stainless steel channel, illustrated on page 5.



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Stainless steel – austenitic grade 304

Streamline Reverse wedge profile reduces incidence of blocked gratings. 5mm aperture version is suited for pedestrian areas including barefoot zones such as at swimming pools; 15mm aperture version is suited for kitchens and food processing areas.

Spec. Code	Illust. no.	Length	Width	Depth	Aperture width	Free area cm ² /m	Load rating class
SS31140	1	500	80	20	5	410	A 15
SS32150	1	500	135	25	5	690	A 15
SS32151	1	1000	135	25	5	690	A 15
SS32160	1	500	135	30	5	690	B 125
SS32350	1	500	135	25	15	890	A 15
SS33150	1	500	150	25	5	760	A 15
SS33160	1	500	150	30	5	760	B 125

Plain mesh Established design with good loading characteristics, generous free drainage area and slip resistance make this grating suited for kitchens and similar work areas.

SS50322	2	500	123	20	30 x 10	910	A 15
SS51422	2	500	135	20	32 x 15	1040	A 15
SS53232	3	500	150	30	23 sq.	1205	B 125
SS53242	3	500	150	40	23 sq.	1205	B 125
SS54232	3	500	200	30	23 sq.	1620	B 125
SS54242	3	500	200	40	23 sq.	1620	B 125
SS56232	3	500	300	30	23 sq.	2440	A 15

Anti-slip mesh Double notched bars make this grating suited for wet or greasy floors such as at abattoirs and in catering, food processing and pharmaceutical industries.

SS70222	4	500	123	20	23 sq.	1000	A 15
SS73232	4	500	150	30	23 sq.	1205	B 125
SS73242	4	500	150	40	23 sq.	1205	B 125
SS74232	4	500	200	30	23 sq.	1620	B 125
SS74242	4	500	200	40	23 sq.	1620	B 125
SS76232	4	500	300	30	23 sq.	2440	A 15

Pressed For use in shower areas, saunas, balconies, swimming pools, laboratories etc.

SS42232	5	1000	135	15	8	305	A 15
SS42233	6	1000	135	15	8	280	A 15
SS43232	5	1000	150	15	8	335	A 15
SS43233	6	1000	150	15	8	315	A 15

Stainless steel bar (Illustration No.7) For use in heavy load bearing areas, bar gratings can be manufactured to suit particular applications.

Laserline (Not illustrated) Custom-made gratings with laser-cut apertures to clients' own design. Consideration should be given to the maximum aperture width, particularly when designing for use in barefoot areas. Please contact our Technical Services Department with details of your requirements.

Certain gratings can be manufactured of austenitic grade 316.

Nickel bronze BS EN 1982 – satin finish

Durable high quality gratings particularly suited to areas subject to a high volume of pedestrian traffic.

Standard slot

Spec. Code	Illust. no.	Length	Width	Depth	Aperture width	Free area cm ² /m	Load rating class
SN11430	8	500	60	15	16 sq.	184	A 15
SN11230	9	500	60	15	10	172	A 15
SN12220	10	546	118	10	8	365	B 125
SN12230	10	663	135	15	8	425	A 15
SN13240	11	486	186	19	10	725	A 15
SN16330	15	483	300	15	12	1440	B 125

Decorative

SN23130	12	500	150	15	4	280	A 15
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Flatral

SN23930	13	500	150	15	15 max.	475	A 15
SN25930	14	500	293	15	15 max.	950	A 15

Also available (not illustrated) are various gratings in other styles, sizes and finishes.

Security locking is also available, to specify add suffix 'L' to grating Spec. Code.

Channel for use with gratings illustrated on page 4 is available in a choice of profiles shown below.

Stainless steel – austenitic grade 304, 1.5mm thickness

Profile SVF with stainless steel clamp ensures watertight connection yet access to channel and outlet is easily achieved without disturbing the floor covering.

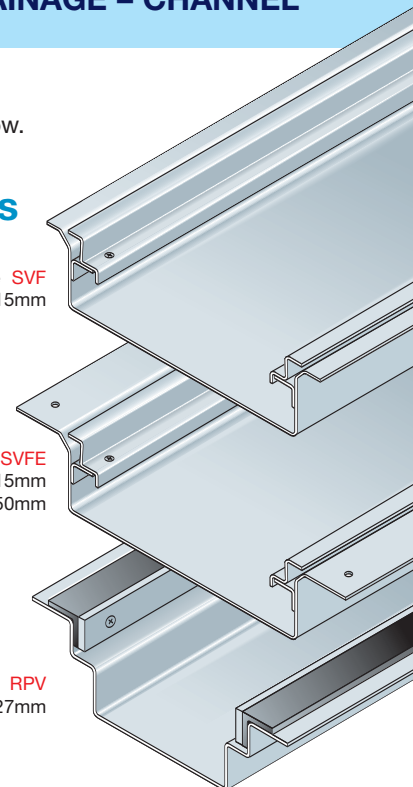
Profile SVFE has an extended flange with fixing holes, for use in a timber deck.

Profile RPV is supplied with a factory fitted, PVC angle edging strip, to which sheet floor covering can be butt-welded at the time of installation; such channels are particularly suited to heavy duty applications.

Spec. Code **SVF**
Show flange = 15mm

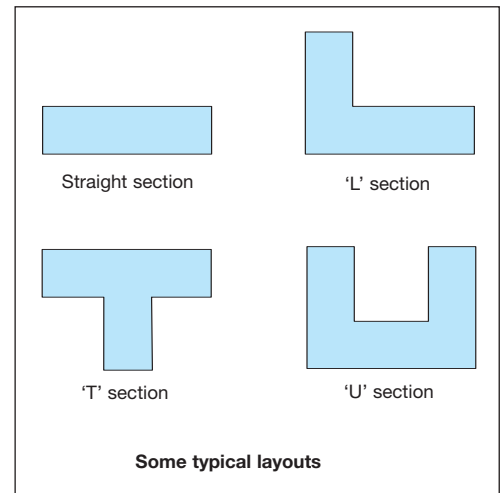
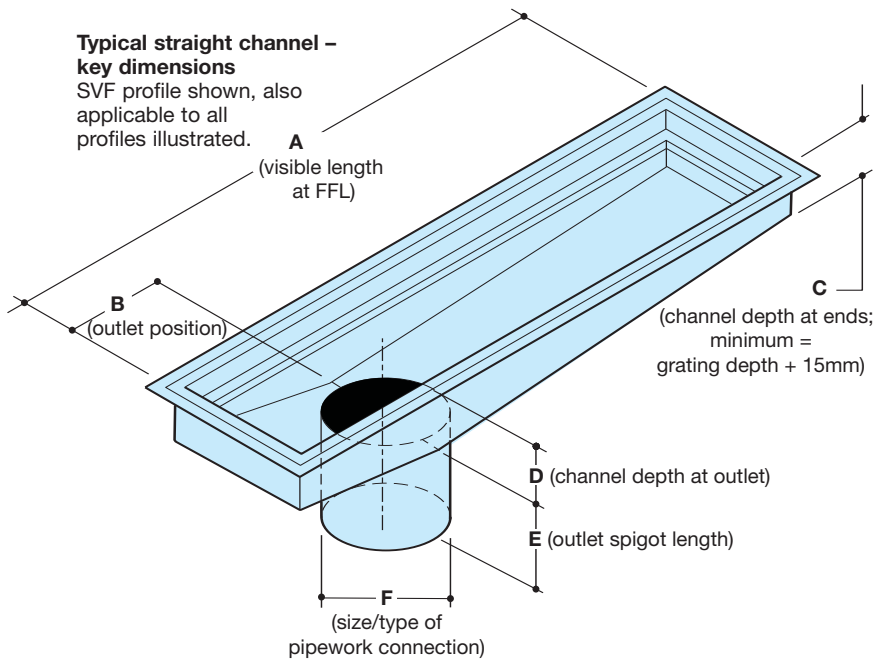
Spec. Code **SVFE**
Show flange = 15mm
Fixing flange = 50mm

Spec. Code **RPV**
Show flange = 27mm



Typical straight channel – key dimensions

SVF profile shown, also applicable to all profiles illustrated.



To specify/order channel with grating quote:

Grating Spec. Code

Channel profile Spec. Code

General dimensions in mm (A to E above)

Outlet connection details (F above – size/type of pipework system)

Thickness of the sheet floor covering

Option

All channel profiles are also available with optional tile upstand (illustrated below right). To specify add suffix 'T' and provide details.

Other requirements

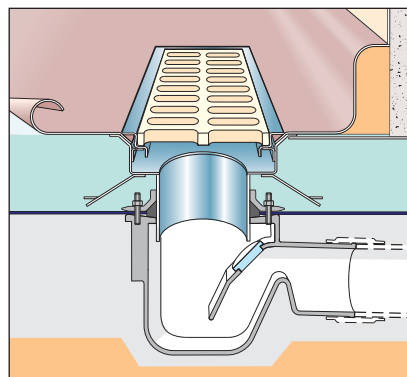
To suit particular applications channel can be custom made in austenitic grade 304 or 316, with or without fall, and with non standard profiles including deep invert, easy access and heavy duty versions. Please contact our Technical Services Department for details.

Typical installation

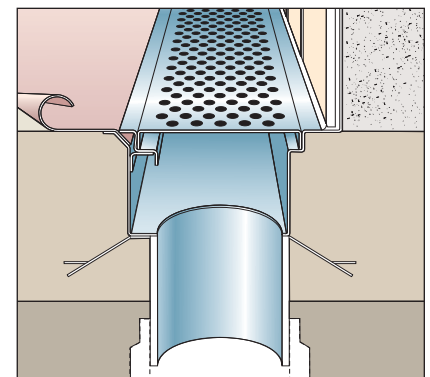
Gullies with Linear Drainage

Wade floor gullies, trapped or untrapped can be used with stainless steel drainage channel as illustrated.

Details of a range of stainless steel and cast iron floor gullies are included on pages 8, 9 and 14.



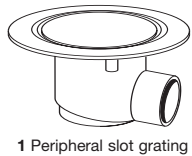
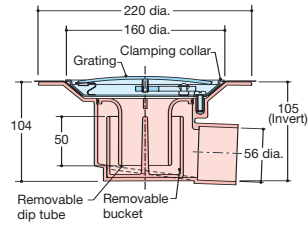
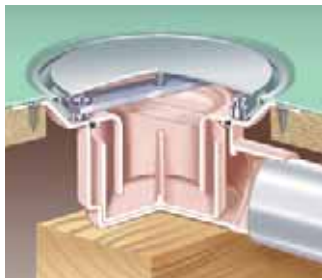
SVF channel and SN12230 grating, with G304 LD 'P' trapped body (supplied with gasketed membrane clamping collar).



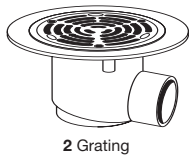
SVFT channel (SVF with optional tile upstand) and SS42232 grating.

GV series Compact, lightweight, trapped gullies for use in wet bathrooms and shower areas decked with sheet floor covering such as vinyl, up to 3.5mm thickness

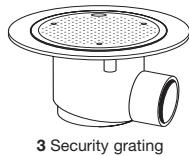
'P' Trapped gully – 50mm seal



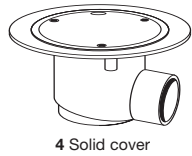
1 Peripheral slot grating



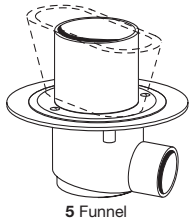
2 Grating



3 Security grating



4 Solid cover

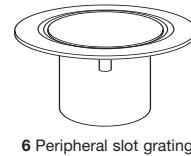
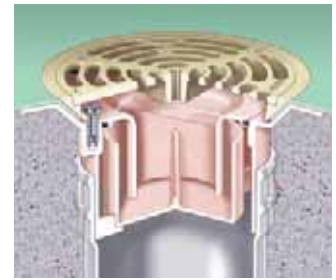
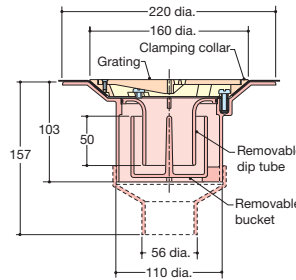


5 Funnel

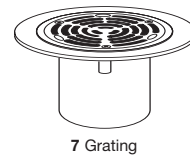
Material

Grating, clamping collar – see table
Body, dip tube, bucket – plastic (ABS)

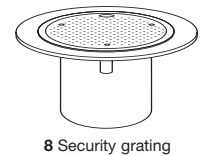
Trapped gully with vertical outlet – 50mm seal



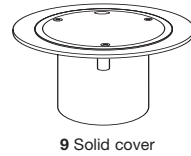
6 Peripheral slot grating



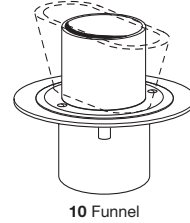
7 Grating



8 Security grating



9 Solid cover



10 Funnel

Material

Grating, clamping collar – see table
Body, dip tube, bucket – plastic (ABS)

Spec. Code	Illust. no.	Top material	Version
GV5007	1	Stainless steel	Grating (peripheral slot)
GV5103	2	Nickel bronze	Grating
GV5107	2	Stainless steel	Grating
GV5237	3	Stainless steel	Security grating (3mm aperture)
GV5247	3	Stainless steel	Security grating (4mm aperture)
GV5503	4	Nickel bronze	Solid cover (gasketed)
GV5517	4	Stainless steel	Solid cover (unsealed)
GV5803	5	Nickel bronze	Funnel (tapered) 101 dia. x 100H
GV5817	5	Stainless steel	Funnel (parallel) 101 dia. x 101H
GV5823	5	Nickel bronze	Funnel (oval) 224L x 85W x 99H

Spec. Code	Illust. no.	Top material	Version
GV6007	6	Stainless steel	Grating (peripheral slot)
GV6103	7	Nickel bronze	Grating
GV6107	7	Stainless steel	Grating
GV6237	8	Stainless steel	Security grating (3mm aperture)
GV6247	8	Stainless steel	Security grating (4mm aperture)
GV6503	9	Nickel bronze	Solid cover (gasketed)
GV6517	9	Stainless steel	Solid cover (unsealed)
GV6803	10	Nickel bronze	Funnel (tapered) 101 dia. x 100H
GV6817	10	Stainless steel	Funnel (parallel) 101 dia. x 101H
GV6823	10	Nickel bronze	Funnel (oval) 224L x 85W x 99H

Features

Watertight – clamping collar provides a water-tight seal between the flooring material and gully even when the grating is removed.

Water seal – formed by a bucket and dip tube, the water seal depth of 50mm complies with plumbing codes of practice in the U.K.

Flow rate – (grating and funnel versions) rate in excess of 40 l/min; comfortably exceeds the minimum rate of 24 l/min required by BS EN 274 for the discharge from a single shower head.

Vandal resistant – GV5007/ GV6007 secured grating has no visible fixings and is removable only upon depressing an unobtrusive lever.

Accessible – removable grating/cover/funnel and trap enable easy access from above for maintenance purposes.

OPTIONS

Suffix

- H** Fitted with Pin Torx screws for security applications (not GV5007/GV6007) **Note: GV5237/47 and GV6237/47 are fitted with Pin Torx screws as standard.**
- I** Tapped to provide a direct connection for waste pipes – specify size 1 1/4", 1 1/2" or 2" (solid cover versions only)
- PB** Made of polished bronze (available for nickel bronze versions only)
- P** Polished (GV5817/GV6817 are polished as standard)

Bucket – removable filter bucket helps to eliminate blockages and intercepts jewellery and other items which might otherwise be washed away.

Outlet – (GV5 series) 50mm socket for solvent weld connection to PVC pipework. (GV6 series) 110mm spigot outlet for solvent weld or ring seal connection to PVC pipework (50mm reducer supplied loose).

Installation – ideally suited for installation in timber or concrete floors or where space is limited.

Quality – stainless steel or nickel bronze grating/cover/funnel with matt finish (GV5817/GV6817 polished), combines durability, safety and good looks.

Material

Grating/cover/funnel, clamping collar – stainless steel or nickel bronze body, dip tube, bucket – plastic (ABS).

Notes:

1. The gully must be supported and installed in accordance with instructions which accompany the product.
2. Frequent cleaning will be necessary in applications where very high amounts of hair and other waste material are present.
3. Vari-Level bodies, shown on pages 8 to 10, may be used with a range of gratings shown on page 12, to form assemblies for use with various flooring finishes including sheet floor covering and tiles.

DIRECT CONNECTION GRATINGS AND COVERS

Direct Connection gratings and covers of nickel bronze are for use where a gully body is not required. The gratings/covers look identical to Vari-Level threaded gratings/covers when installed, but are machined to enable direct connection to pipework – per the table below:

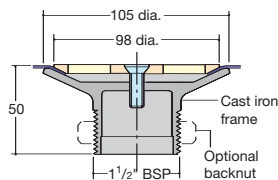
A cast iron backnut is available for use with 40mm and 50mm pipework in timber floors.

Solid covers, (not SuperSeal), may be tapped BSP to provide connection for waste pipes. To specify/order add 'Tapped 1 1/4", 1 1/2" or 2"' to the cover Spec. Code.



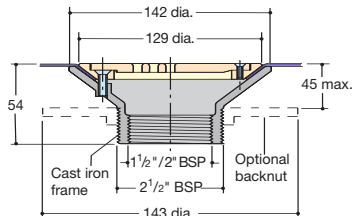
N1 series

40mm pipework



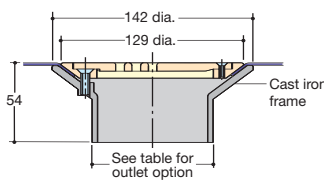
N2 series

40mm/50mm pipework



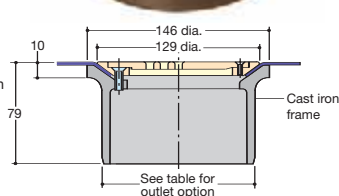
N3 series

75mm pipework



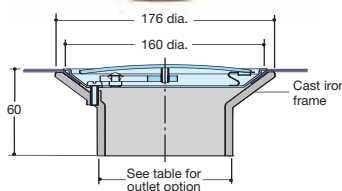
N4 series

100mm pipework



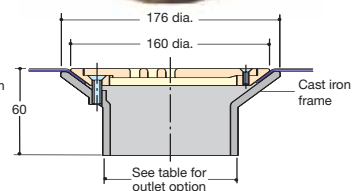
K1897

100mm pipework



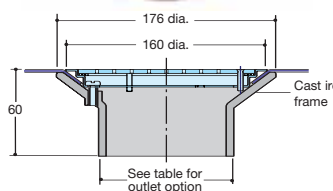
K23/K51 series

100mm pipework
Nickel bronze or stainless steel



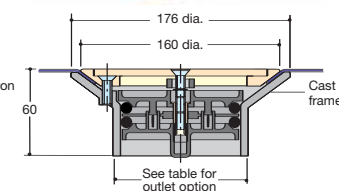
K36 series

100mm pipework



K56 series

100mm pipework
Nickel bronze or stainless steel



Spec. Code

Open grating	Solid cover	SuperSeal solid cover	Material	Pipework system/nom. dia.	Grating free area cm ²	Load rating class
N111	•	•	Nickel bronze	Plastic 40	32	K3
N112*	•	•	Nickel bronze	Plastic 40	32	K3
N211	N212	•	Nickel bronze	Plastic 40	32	L15
N213*	N214*	•	Nickel bronze	Plastic 40	32	L15
N215	N216	•	Nickel bronze	Plastic 50	32	L15
N217*	N218*	•	Nickel bronze	Plastic 50	32	L15
N301	N302	•	Nickel bronze	Cast iron BS 416 75	32	L15
N303	N304	•	Nickel bronze	Plastic 82	32	L15
N305	N306	•	Nickel bronze	Plastic DIN 75mm	32	L15
N405	N404	•	Nickel bronze	Cast iron BS 437 100	32	L15
N410	N409	•	Nickel bronze	Clay Supersleve 100	32	L15
K1897	•	•	Stainless steel	BS 416/Plastic 110	32	L15
K2392	K5192	K5691	Nickel bronze	BS 416/Plastic 110	26	K3
K2397	K5197	K5697	Stainless steel	BS 416/Plastic 110	32	L15
K3693	•	•	Stainless steel	BS 416/Plastic 110	15	K3
K3694	•	•	Stainless steel	BS 416/Plastic 110	20	K3

* With backnut

Add suffix 'H' for security versions fitted with Pin Torx screws (K3693/K3694 are supplied with Pin Torx screws as standard)

VARI-LEVEL GULLIES



GP614 Trapped plastic body with K2302 nickel bronze grating.

Vari-Level gullies comprise a cast iron or plastic, trapped or non-trapped body, with a threaded height-adjustable grating, solid cover or funnel of nickel bronze or stainless steel. A watertight seal is achieved by a flooring clamping collar, yet the grating/cover is removable for access to pipework without disturbing the flooring material.

Vari-Tilt gullies comprise a cast iron or plastic, trapped or non-trapped body, with a ring-seal height/tilt-adjustable grating, solid cover or funnel of nickel bronze or stainless steel. For details of this range, please contact our Technical Services Department.



G202 Trapped cast iron body with K2302 nickel bronze grating.

Bodies

Bodies are available in a range of styles, sizes and outlet types as illustrated on pages 8, 9 and 10. For details of other versions please contact our Technical Services Department.

Gratings/covers/funnels

Bodies accept Wade Vari-Level threaded gratings and funnels, shown on page 12, with 4" throat; versions with 3" throat may be connected using adaptor U1101 shown on page 15.

Height adjustability – distance between body flange and top of grating/cover.

By rotating the grating/cover/funnel it's height above the body flange can be adjusted to suit finished floor level within the following limits:

B1 series

Max. height = height of grating/cover minus 15mm
Min. height = height of grating/cover minus 35mm

C series/D series

Max. height = height of grating/cover plus 10mm
Min. height = height of grating/cover minus 30mm

G series

Max. height = height of grating/cover minus 10mm
Min. height = height of grating/cover minus 30mm

GP 3/6 series

Max. height = height of grating/cover plus 10mm
Min. height = height of grating/cover minus 5mm

GP 11 series

Max. height = height of grating/cover plus 10mm
Min. height = height of grating/cover minus NIL

Extra height can be obtained by means of an extension shown on page 13.

(GP 3/6 and GP 11 must use UP104 version).

Membrane clamping collar

C and D series bodies require a membrane clamping collar which serves to connect the selected grating or cover to the body. Please specify collar required when ordering.

GP series bodies are supplied with a 4" throat membrane clamping collar, which serves to connect the selected grating or cover to the body.

B and G series bodies are threaded to accept the selected grating or cover, so a membrane clamping collar is required only in applications where a damp proof membrane is used.

To specify/order, select collar Spec. Code from table.

Side inlets

Certain bodies, as illustrated, have an optional facility for side inlets. To specify/order, quote the location and size of each side inlet, as set out on page 10.

Accessories

A range of accessories is shown on page 13.

Connections

Bodies with spigot outlet are for direct connection to pipework; versions with BSP threaded outlet are for connection to pipework by means of a spigot adaptor. Details of adaptors for connecting to different types and sizes of pipework are shown on page 15.

To specify/order

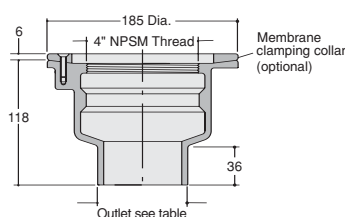
Quote the Spec. Codes for the selected body, grating, options and accessories.

When using a C or D series body, a membrane clamping collar must also be specified, per table.

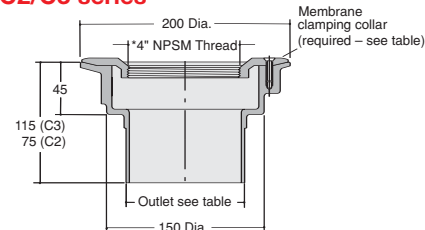
* If using a 3" throat dia grating, add suffix '3' to the collar Spec. Code (applies to C series only)

Cast iron non-trapped bodies

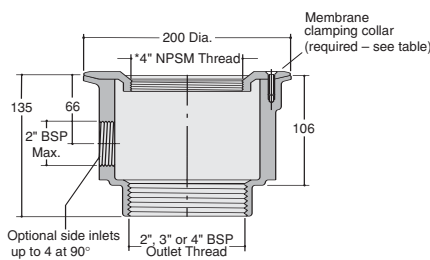
B1 series



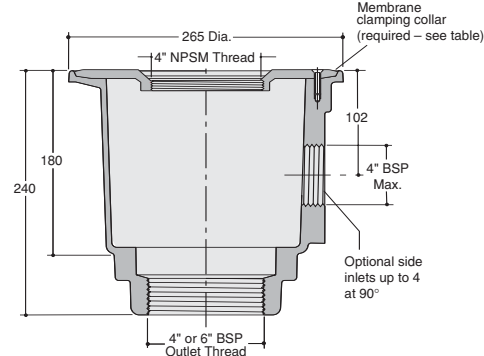
C2/C3 series



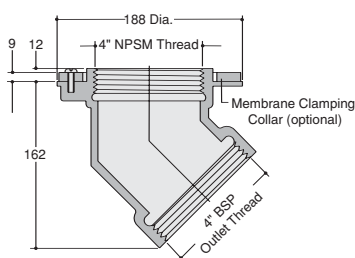
C5 series Deep sump plus optional side inlet



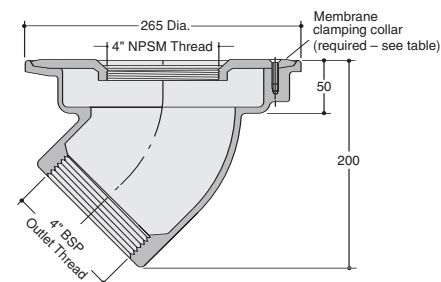
D4 series Deep sump plus optional side inlet



B504 45° threaded outlet



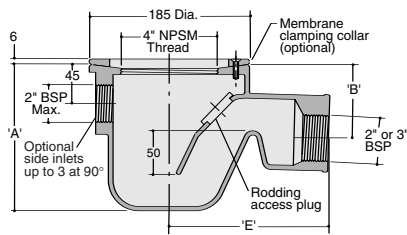
D604 45° threaded outlet



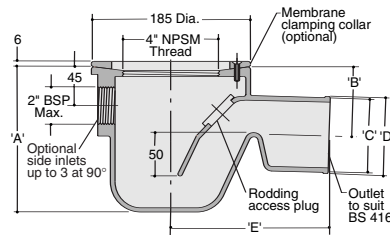
Spec. Code	Body	Collar	Outlet size	Pipework system	Free area cm ²
B102	C.B	C.B	50mm	BS 416 / DIN 19522	19
B103	C.B	C.B	75mm	BS 416	44
B104	C.B	C.B	100mm	BS 416 / DIN 19522 / Plastic	78
C202	C.CV	C.CV	2" BSP	•	19
C203	C.CV	C.CV	3" BSP	•	44
C204	C.CV	C.CV	4" BSP	•	78
C343	C.CV	C.CV	82mm	Plastic	44
C344	C.CV	C.CV	110mm	Plastic	78
C363	C.CV	C.CV	75mm	BS 437	44
C364	C.CV	C.CV	100mm	BS 437	78
C393	C.CV	C.CV	75mm	BS 416	44
C394	C.CV	C.CV	100mm	BS 416	78
C502	C.CV	C.CV	2" BSP	•	19
C503	C.CV	C.CV	3" BSP	•	44
C504	C.CV	C.CV	4" BSP	•	78
D404	C.DV	C.DV	4" BSP	•	78
D406	C.DV	C.DV	6" BSP	•	176
B504	C.B	C.B	4" BSP	•	78
D604	C.DV	C.DV	4" BSP	•	78

Cast iron 'P' trapped bodies – 50mm seal

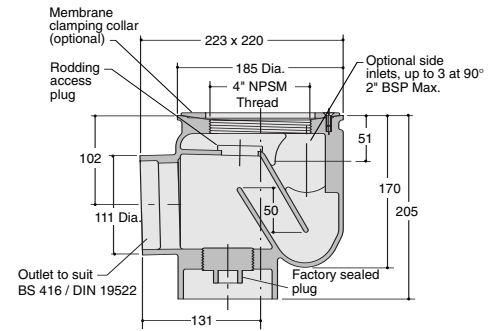
G2 series



G3 series



G804

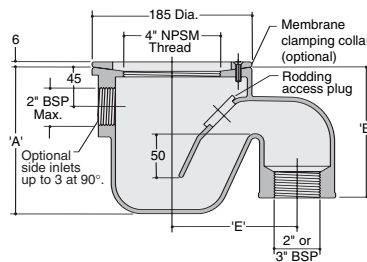


Spec. Code	Outlet size	A	B	C	D	E	Free area cm ²
G202	2" BSP	170	85	•	•	185	19
G203	3" BSP	205	96	•	•	190	44
G303	75mm	170	80	87	89	185	44
G304	100mm	205	92	112	No bead	190	78
G804	100mm	•	•	•	•	•	72

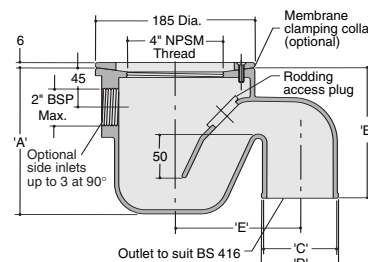
When a damp proof membrane is being used, specify clamping collar C.G2

Cast iron 'S' trapped bodies – 50mm seal

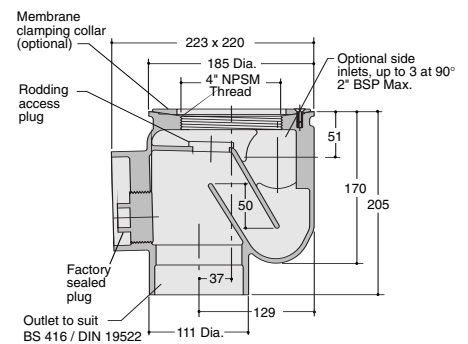
G5 series



G6 series



G1004

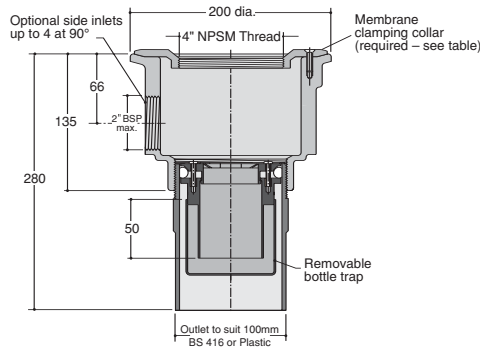


Spec. Code	Outlet size	A	B	C	D	E	Free area cm ²
G502	2" BSP	170	150	•	•	145	19
G503	3" BSP	205	165	•	•	156	44
G603	75mm	170	150	87	89	145	44
G604	100mm	205	165	112	No bead	155	78
G1004	100mm	•	•	•	•	•	72

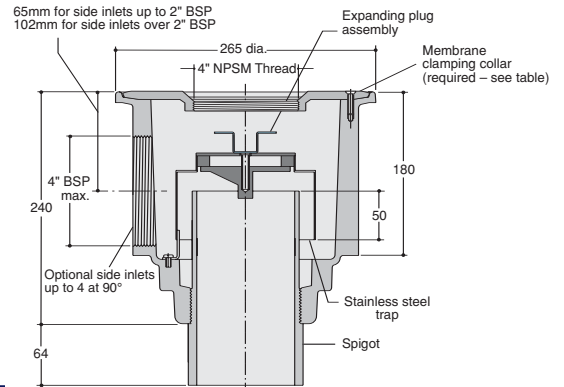
When a damp proof membrane is being used, specify clamping collar C.G2

Cast iron inline trapped bodies – 50mm seal

GC144



GD series



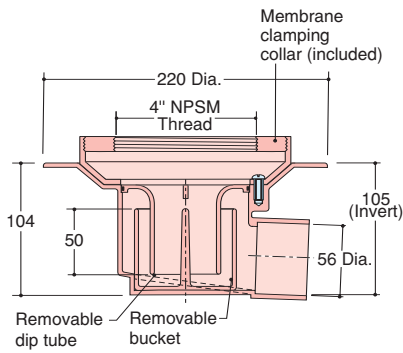
Spec. Code	Outlet size	Pipework system	Free area cm ²
GC144 C.CV	100mm	BS 416/DIN 19522 (100mm)/Plastic (110mm)	20
GD144 C.DV	100mm	BS 416/DIN 19522 (100mm)/Plastic (110mm)	78
GD164 C.DV	100mm	BS 437	78

When using a GC or GD series body a membrane clamping collar must also be specified, per table.

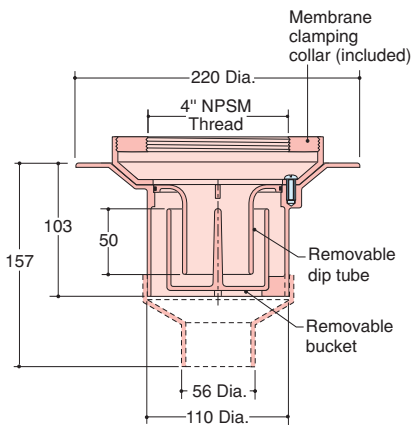
Note: GC144 is designed for low volume drainage applications (max. flow rate of 1l/s). Frequent cleaning will be necessary in applications where very high amounts of hair and other waste material are present.

Plastic trapped bodies – 50mm seal

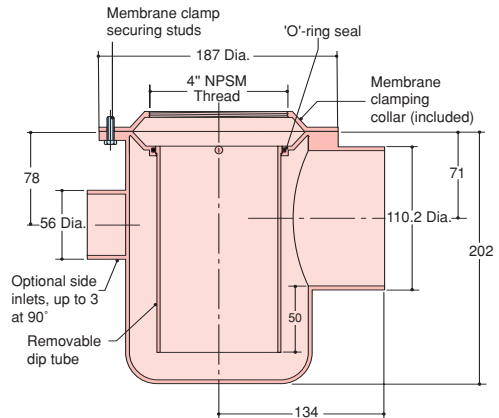
GP312



GP614



GP1104



Spec. Code	Outlet size	Pipework system	Free area cm ²
GP312	50mm	Plastic	14
GP614	110mm	Plastic	14
GP1104	110mm	BS 416/Plastic	67

Note: GP312/GP614 are designed for low volume drainage applications (max. flow rate of 1l/s). Frequent cleaning will be necessary in applications where very high amounts of hair and other waste material are present.

Side inlets

Side inlets in a gully permit the underfloor connection of pipes from fixtures such as sinks and wash basins, from drainage channels and from other gullies.

Side inlets in Wade trapped gullies illustrated are located completely above the water level.

The illustrations represent typical gully bodies, viewed from above, and show the Spec. Codes for all possible combinations of locations.

Unless otherwise requested, side inlets in cast iron gully bodies will be supplied as BSP female threads

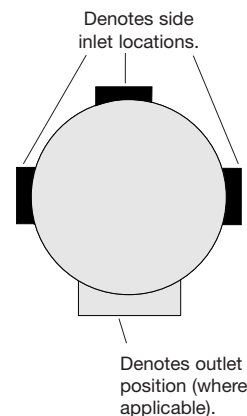
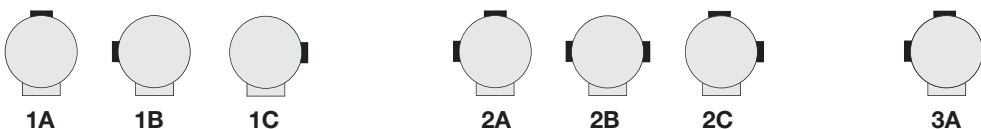
(specify thread size); stainless steel bodies have BSP female threads up to 2"; above 2", spigot side inlets are supplied to suit BS 416 pipework.

GP11 series plastic gully bodies have three side inlets moulded in that will accept 50mm plastic pipework; these inlets are usable by removing knock-outs from the body on site.

Gully bodies with vertical outlet



Gully bodies with 'P', 'Q' or 'S' trapped outlet



To specify/order

Quote the Spec. Code for the selected body, with suffix 'I', and the location and size of each inlet.

e.g. G304 body with 2 side inlets tapped 1.5" BSP, in locations per illustration 2B. Specify: G304 I - 2B x 1.5" BSP


The term Vari-Level refers to the fine adjustability of the height of a grating or access cover above a body; this feature enables installation exactly at finished floor level by rotating the grating or access cover.

A Vari-Level gully comprises, as a minimum, a Vari-Level body and a Vari-Level grating; in some versions these items fit together directly,

but, mostly, connection is by means of an inter-connecting, dual-purpose part – a membrane clamping collar.

To address a myriad of applications, different versions of Vari-Level bodies are available for use with a wide range of Vari-Level gratings, Vari-Level access covers and Vari-Level accessories, as illustrated in this section.

Representation of a Vari-Level gully assembly with accessories and spigot adaptor

		Catalogue page
	<p>Funnel (bolt-on)</p> <p>Grating or access cover</p> <p>Extension</p> <p>Membrane clamping collar</p> <p>Body</p> <p>Spigot adaptor</p>	<p>Accepts indirect discharge from waste pipes (optional)</p> <p>Nickel bronze Stainless steel</p> <p>Provides additional height for gratings and access covers (optional)</p> <p>Also serves to connect the grating or access cover to the body on most series; optional facility on others</p> <p>Non-trapped, cast iron Trapped, cast iron Trapped, plastic</p> <p>Enables effective connection to all sizes and types of pipework in general use</p>
		<p>13</p> <p>12</p> <p>13</p> <p>8-10</p> <p>8 9 10</p> <p>15</p>

Gratings, solid covers, funnels

Vari-Level threaded gratings, covers and funnels are for use with Vari-Level bodies and are height adjustable with a fine thread to enable accurate installation at finished floor level. Please refer to page 8 for height adjustability dimensions. Vari-Level threaded gratings/covers/funnels may also be connected to pipework and proprietary gullies by means of adaptors, illustrated on page 13.

OPTIONS

- H** Fitted with Pin Torx screws for security applications (K3603/4 are fitted with Pin Torx screws as standard)
- I** Tapped to provide a direct connection for waste pipes – specify size BSP – 1 1/4", 1 1/2" or 2" (applies to K51 series; K5103 may also be tapped 3" or 4" BSP; K5102 may also be tapped 3" BSP)
- P** Polished (K3407 is polished as standard)
- PB** Made of polished bronze (applies to nickel bronze versions)
- T** With removable push-in bottle trap, 50mm seal (applies to 4" throat versions; see U1404 on page 13 for cleaning notes).

K1807
Peripheral slot



K23 series
Open grating
Nickel bronze or stainless steel



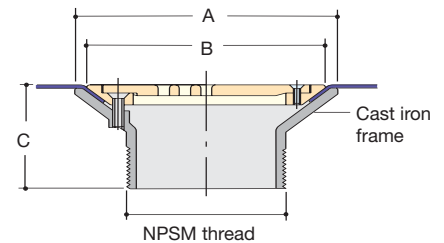
K36 series
Security grating



K51 series
Gasketed sealed cover (K5107 unsealed)
Nickel bronze or stainless steel



K56 series
Double sealed quick release cover
Nickel bronze or stainless steel



Spec. Code			Material	Throat dia inches	A mm	B mm	C mm	Grating free area cm ²	Load rating class	Grating aperture width
Open grating	Solid cover	SuperSeal solid cover								
K1807	•	•	Stainless steel	4	176	160	60	26	K3	6
K2301	K5101	•	Nickel bronze	3	142	129	54	32	L15	6
K2302	K5102	K5601	Nickel bronze	4	176	160	60	48	L15	6
K2307	K5107	K5607	Stainless steel	4	176	160	60	48	L15	6
K2303	K5103	•	Nickel bronze	4	250	230	58	106	L15	6
K3603	•	•	Stainless steel	4	176	160	60	15	K3	3
K3604	•	•	Stainless steel	4	176	160	60	20	K3	4

K3401



K3407



K3402



Spec. Code	Material	Throat dia inches	Overall size at FFL mm	Overall size above FFL mm	Depth below FFL mm	Free area cm ²
K3401	Nickel bronze	4	176 dia.	101 dia. x 101 H	60	23
K3407	Stainless steel	4	176 dia.	101 dia. x 101 H	60	23
K3402	Nickel bronze	4	176 dia.	224 L x 85 W x 99 H	60	42

Note: Funnels have a built-in vermin guard.

Accessories

For use with bodies and gratings shown on pages 8 to 12

Bolt-on funnels

For use with K23 gratings in applications where provision for indirect waste or condensate drainage is required in addition to floor drainage.



Nickel bronze
Dia: 101
Ht: 101.

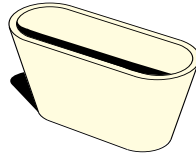
U501

To take single indirect waste pipe.



Stainless steel
Dia: 101
Ht: 100
Polished

U511



Nickel bronze
W: 85
L: 225
Ht: 96

U601

To take multiple indirect waste pipes; (for use with gratings. min. 150 mm dia).

Filter bucket – Nylon 6

Used to intercept debris, valuables etc.



UP701

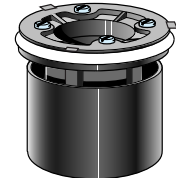
To fit inside gratings with 4" throat. (Not K28, K29 or K30). Typical installation shown on page 17.

UP702

Deep version for use with Vari-Level gratings with bodies C5, D4 & D8, adaptors T702, T901 and extensions U1 series

Removable bottle trap

Nylon 6, silicone rubber



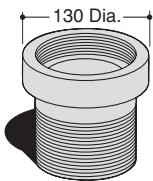
U1404

To fit inside a grating, funnel or body, with 4" throat / outlet.

Note: Frequent cleaning will be necessary in applications where very high amounts of hair and other waste material are present.

Vari-Level extensions and grating to pipework adaptors

Extension – Cast iron



Used to increase the height between the top of a body and finished floor level.
Note: Extensions may be stacked to obtain extra height, but rodding access will be restricted when used with G and GP series trapped bodies.

Spec. Code	Thread female	NPSM male	Overall height	Height min.	Gained max.
U102	4"	4"	60	37	55
U103	4"	4"	100	40	95
U104	4"	4"	152	85	145
U208	4"	•	25	25	25
UP104 (Plastic)	4"	4"	152	36	145

U102, U103, U104 For use with Vari-Level gratings/funnels/covers with 4" throat and bodies with 4" inlet.

UP104 Plastic version for use with GP series trapped bodies and gratings/funnels/covers with 4" throat.

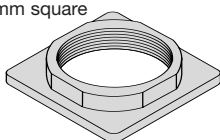
U208 For use with Vari-Level gratings/covers with 4" throat and bodies series B1, B2, G2-G6, G8, G10 to provide height increase of only 25mm: this bolt-on extension cannot be stacked.

Note: Additional height dimensions given in the table above should be added to the max. and min. dimensions given in the 'Height Adjustability' section on page 8.

Gully adaptors – Cast iron

To connect Vari-Level grating to proprietary clay or PVC body. Increased range of height adjustability is obtainable by reversing the adaptor.

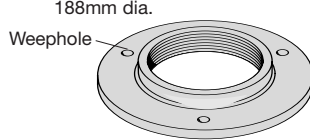
150mm square



T1301 For use with 4" throat grating/cover

T1302 For use with 3" throat grating/cover

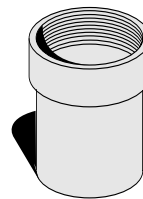
188mm dia.



T1401 For use with 4" throat grating/cover

T1402 For use with 3" throat grating/cover

Vari-Level grating/cover to pipework adaptors



Vari-Level gratings and covers, when used without a body, may be connected to pipework by means of a cast iron adaptor, as shown in the table below.

Adaptors for use with 3" throat Vari-Level gratings/covers

Spec. Code	Pipework system	Overall length
T701	Plastic 82mm O.D.	127
T714	Plastic 75mm O.D.	130
T712	Plastic 110mm O.D.	115
T801	C.I. BS 416 75mm	127
T712	C.I. BS 416 100mm	115
T701	C.I. DIN 19522 / SMU 75mm	127
T712	C.I. DIN 19522 100mm	115
T911	Clay SuperSieve 100mm	145

Adaptors for use with 4" throat Vari-Level gratings/covers

Spec. Code	Pipework system	Overall length
T703	Plastic 82mm O.D.	127
T703	Plastic 82mm O.D.	115
T704	Plastic 75mm O.D.	115
T702	Plastic 110mm O.D.	100
*TP702	Plastic 110mm O.D.	152
T803	C.I. BS 416 75mm	115
T702	C.I. BS 416 100mm	100
T703	C.I. DIN 19522 / SMU 75mm	115
T702	C.I. DIN 19522 100mm	100
T901	Clay SuperSieve 100mm	130
*TP702	C.I. BS 416 / DIN 19522 100mm	152

*Plastic version

STAINLESS STEEL GULLIES

Body assemblies – 60mm seal – stainless steel austenitic grade 304, 1.5mm thickness (minimum)

A range of body assemblies is available for use with gratings shown on page 15. Suitable for sheet floor covering thickness up to 3.5mm.

OPTIONS

Side inlets

Quote location and size of side inlets, as set out on page 10.

Sediment bucket

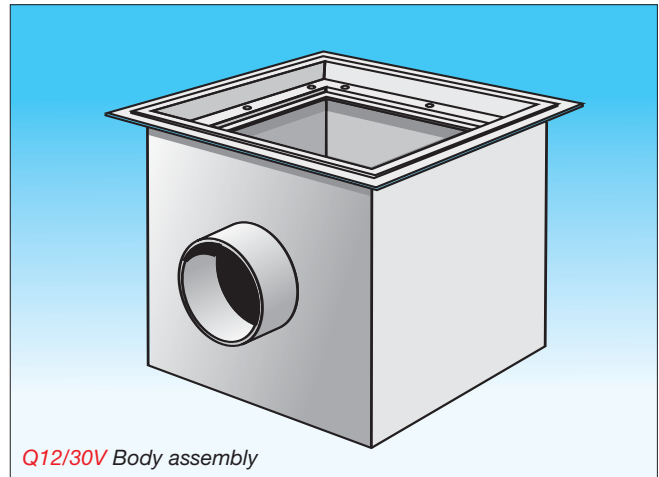
A stainless steel sediment bucket is available to intercept solids. To specify/order, add suffix 'B' to the Spec. Code.

Non-trapped version

Q10V, Q14V, Q15V and Q18V, can be supplied non-trapped. To specify/order, add suffix 'N' to the Spec. Code.

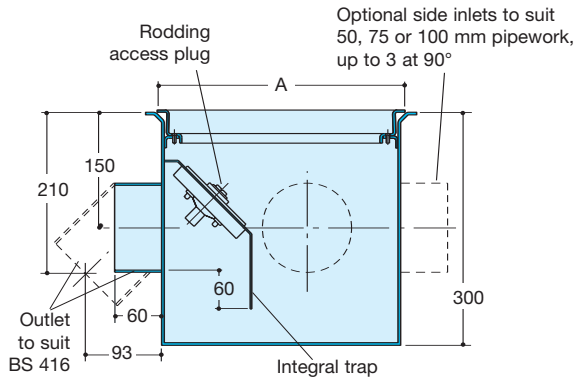
Bolt-on funnel

U511 (see page 13)



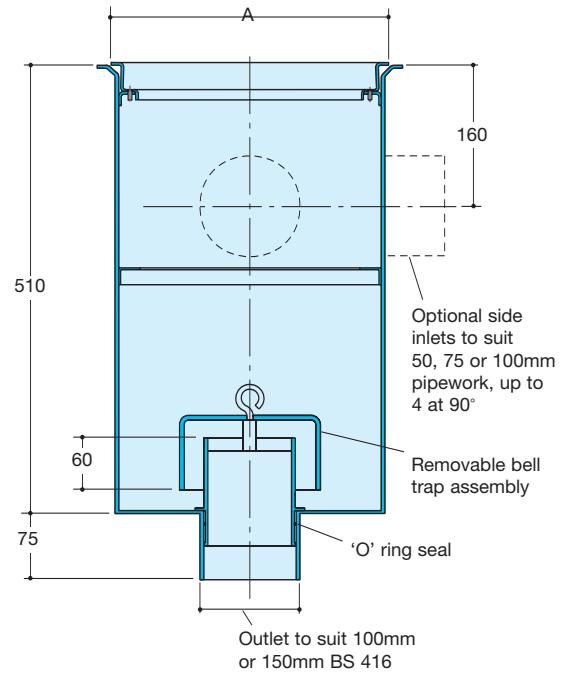
Q12/30V Body assembly

'P'/'Q' trapped – Q12V/Q13V/Q16V/Q17V series



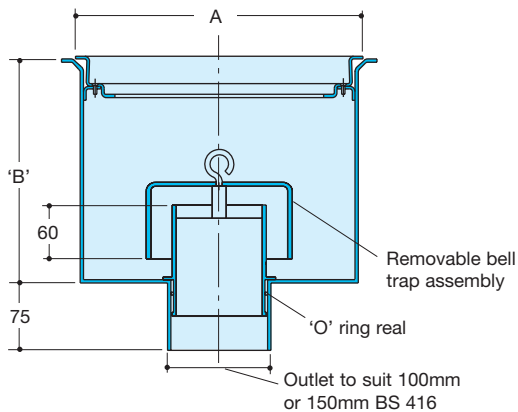
Spec. Code	A	Outlet size mm	Grating depth mm	Free area cm ²	Trap type
Q12/30V	325 sq.	100	30	78	P
Q16/30V	225 sq.	100	30	78	P
Q13/30V	325 sq.	100	30	78	Q
Q17/30V	225 sq.	100	30	78	Q

Bell trapped – Q10V/Q15V series



Spec. Code	A	Outlet size mm	Grating depth mm	Free area cm ²
Q10/30V	325 sq.	100	30	53
Q10/36V	325 sq.	150	30	176
Q15/30V	225 sq.	100	30	53

Bell trapped – Q14V/Q18V series

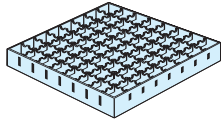


Spec. Code	A	Outlet size mm	Grating depth mm	Free area cm ²
Q14/30V	325 sq.	100	30	53
Q14/36V	325 sq.	150	30	176
Q18/30V	225 sq.	100	30	53

Gratings – stainless steel austenitic grade 304

For use with body assemblies shown on page 14.

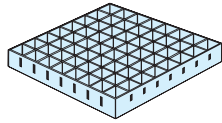
Gratings are available with choice of size and loading bar thickness to provide differing load ratings.



Q42/Q43 series

Anti-slip mesh

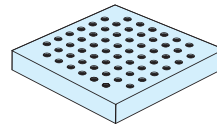
Double notched bars make this grating suited for wet or greasy floors.



Q52/Q53 series

Plain mesh

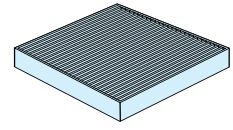
Established design with good loading characteristics and generous free area.



Q62 series

Smooth perforated

Suited for bathrooms, shower areas etc.



Q92/Q93 series

Streamline

Heel-proof reverse wedge profile. Also suited for barefoot zones.

192 square – for use with Q15, Q16, Q17 & Q18 stainless steel gullies

Spec. Code	Length mm	Width mm	Depth/ load bar mm	Aperture mm	Free area cm ²	Load rating N/mm ² class	Weight Kg
Q4232	192	192	30/2	23 x 23	290	7.5 L15	1.2
Q5232	192	192	30/2	23 x 23	290	7.5 L15	1.3
Q6230	192	192	30	8 dia	61	0.7 K3	1.1
Q9233	192	192	30/3	5	216	2.4 K3	1.0

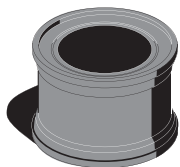
293 square – for use with Q10, Q12, Q13 & Q14 stainless steel gullies

Spec. Code	Length mm	Width mm	Depth/ load bar mm	Aperture mm	Free area cm ²	Load Rating N/mm ² class	Weight Kg
Q4332	293	293	30/2	23 x 23	670	4.5 L15	2.5
Q5332	293	293	30/2	23 x 23	670	4.5 L15	2.8
Q9333	293	293	30/3	5	405	2.4 L15	2.5

To Specify/Order: Quote the Spec. Codes for the selected body assembly, grating, and options.

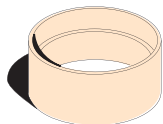
Note: Please ensure that the size of the selected style of grating matches the selected body assembly.

ADAPTORS



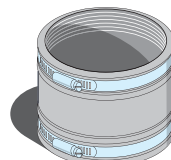
T11 Push fit coupling

BS 416/437 to Supersleve.



T12 Copper to BS 416

Adaptor must be brazed/soldered to copper before connecting to BS 416.



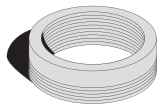
T15 MJ coupling

BS 416 to plastic



T16 MJ coupling 75mm

BS 416 to Ensign

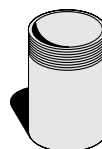


U11 Reducing bush

To enable 3" throat gratings/covers to be used in Vari-Level bodies/adaptors with 4" inlet.

Note: Height of grating/cover will be increased by 15mm min./27mm max.

Spigot adaptors



A range of spigot adaptors, shown in the table below, enables gullies with BSP threaded outlet to be connected speedily and effectively to all pipework in general use.

Longer spigots, such as required to pass through a slab, can be made in 10mm increments up to 1,000mm.

To specify/order add suffix 'X' and length (mm). On request, spigots may also be threaded both ends. For details, please contact our Technical Services Department.

Spec. Code	FROM Part/pipework	TO Part/pipework
T1103	100mm BS 416 / BS 437	100mm clay Supersleve pipework
T1201	50mm BS 416	50mm copper
T1202	75mm BS 416	75mm copper
T1203	100mm BS 416	100mm copper
T1501	100mm BS 416	100mm plastic
T1603	75mm BS 416	75mm DIN 19522 Ensign pipework
U1101	Vari-Level grating/cover 3" throat	Vari-Level bodies 100mm inlet

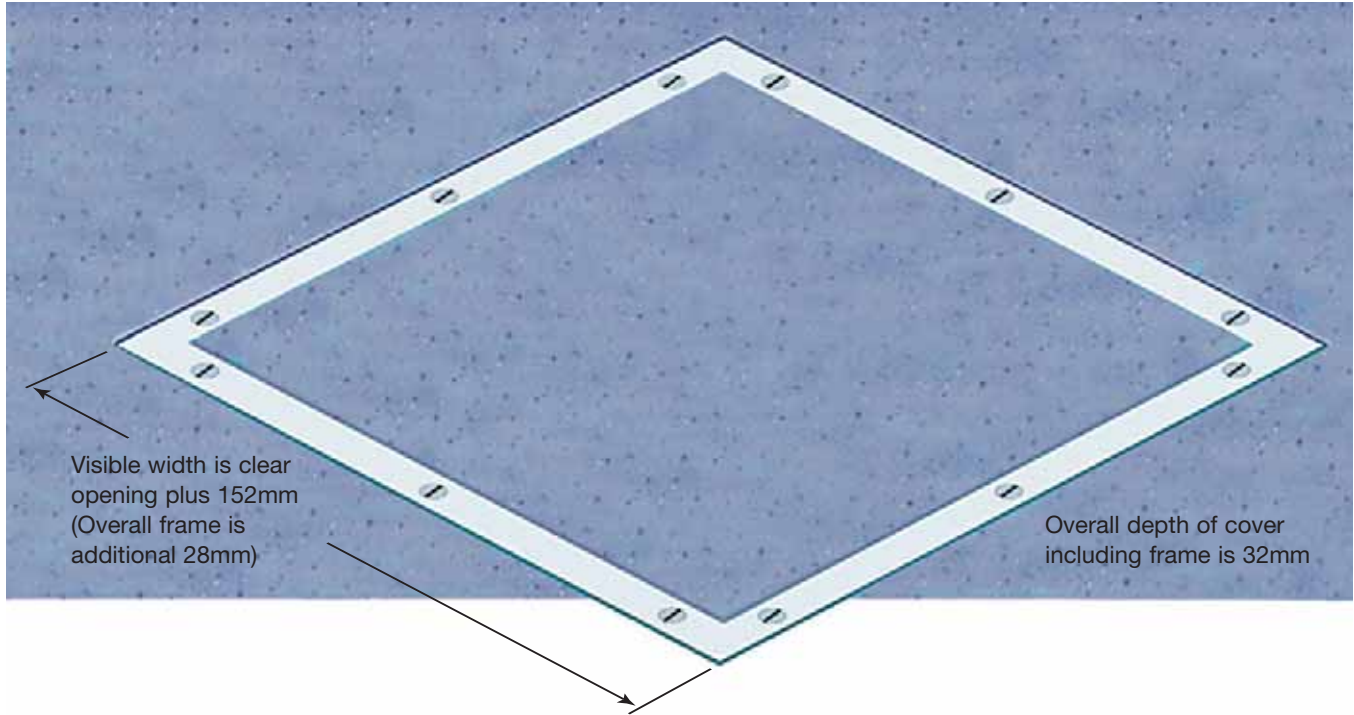
Spec. Code	Pipework mm	Nom. Length dia. mm
T101	Cast iron BS 416	50 90
T102	Cast iron BS 416	75 90
T103	Cast iron BS 416	100 90
T105	Cast iron BS 437	100 90
T101	Ensign + SMU	50 90
T108	SMU	75 90
T103	Ensign + SMU	100 90
T1702*	Plastic	50 60
T301	Plastic	82 140
T1704*	Plastic	110 126
T1802	Stainless steel (Europipe)	50 90
T401	Clay (Densleve)	100 170
T501	Clay (Supersleve)	100 130

* Solvent weld sockets

DOUBLE SEALED ACCESS COVER - FOR MAN ENTRY

Stainless steel – austenitic grade 304

Wade has solved the problem of access to an inspection chamber or a service duct within a building where sheet floor covering is used. A watertight joint formed between the sheet floor covering and the edge of the frame, prevents water from seeping into the structure.



- Reliable** Floor material edges remain clamped even when cover is removed.
- Hygienic** No holes, recesses or dirt traps.
- Air tight** Double sealed by closed cell neoprene gaskets to meet all current building regulations.
- Safe** All edges of floor material are securely clamped in position by concealed clamp strips. No steps or exposed edges.

- Unobtrusive** When installed only a 50mm wide stainless steel clamping frame is visible.
- Vandal resistant** Cover is removable only after loosening several screws.
- Watertight** Clamped flooring prevents water from seeping into the structure.

Material

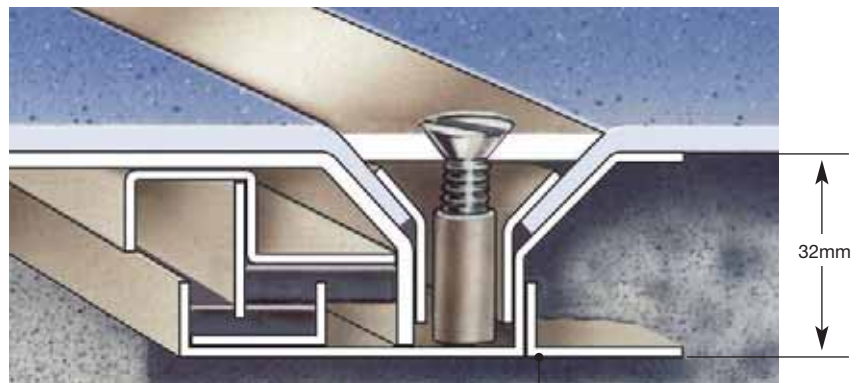
Stainless steel

Spec. Code	Clear opening size mm	kg
R211	450 x 450	18.0
R212	600 x 450	22.0
R213	600 x 600	26.5
R214	750 x 600	30.5
R215	750 x 750	35.0
R216	900 x 600	34.5

Visible width is clear opening plus 152mm (Overall frame is additional 28mm).

Special sizes are available to order, for details please contact our Technical Services Department.

Patent No. 2147803



Build-in lugs, 8 per cover

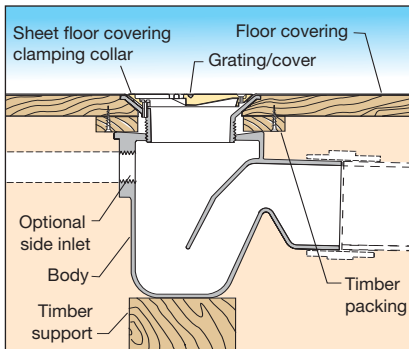
OPTIONS

Suffix

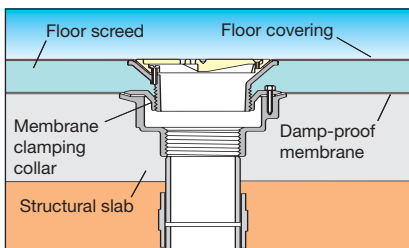
- H** Fitted with Pin Torx screws for security applications.



To achieve a watertight joint, installation must be in accordance with instructions which accompany the gratings/covers.



Typical installation in a wooden floor



Typical installation with damp-proof membrane



Linear drainage in a concrete floor.

Materials/care and maintenance

Materials and finish described below, are selected to provide lasting performance and to blend with surroundings. Wade products require the minimum of maintenance, but periodic inspection should be carried out to ensure absence of matter which could impede drainage. Measures set out below will sustain appearance and prolong service life.

Stainless steel – austenitic grade 304 (grade 316 available to order)

Used for channels, bodies, gratings, covers, and sediment buckets

A corrosion-resistant metal containing significant amounts of nickel and chromium. Clean with soap and warm water, rinse and wipe dry. Gratings may also be cleaned in certain dishwashers. Under no circumstances treat with metal scouring pads, metal scrapers or wire wool as these will contaminate surfaces leaving rust spots.

Nickel bronze – BS EN 1982 satin finish

Used for gratings, covers and funnels

A cast alloy with a fine grain effect which blends well with most floor finishes. The satin finish is generally maintained by the slight abrasive action of passing traffic. In unused areas the material will gradually tarnish. To restore lustre, apply a plain nylon scouring pad (not soap-filled) in the direction of the grain.

Note: Avoid covering nickel bronze items with plastic sheeting after installation, otherwise blackening may occur.

Polished bronze – BS EN 1982

Used for gratings, covers and funnels

A cast alloy suited for finished floors where the rich, bronze colour complements the decor. The “mirror” finish is produced by polishing. If left alone polished bronze will gradually tarnish. To restore lustre, use metal polish and buff with a cloth. The mirror finish must not be treated with any abrasive cleaning material otherwise the surface will be permanently scratched.

Cast iron – BS EN 1561

Used for bodies, membrane clamping collars, spigot adaptors and accessories such as extensions

A widely used metal in the drainage industry, its resistance to corrosion permits extended use under extreme conditions. Castings are coated with a high grade lacquer paint, to provide internal and external surface coverage. Paint will gradually wear off and is replaceable; oxidation (surface rusting) is a natural process which does not weaken the material and is generally regarded as an acceptable finish. A zinc anti-corrosion coating is applied to certain castings by galvanising or sherardizing.

Polypropylene

Used for the removable trap in stainless steel gullies.

ABS

Used for plastic bodies and adaptors.

Other products

Wade manufactures a range of gullies, gratings and access covers for use in different types of floor and flooring, in internal and external applications, some examples of which are shown below.



Access covers in a marble floor

Sealed access covers conceal electrical power points at the Burrell Collection, Glasgow.



Drainage in block paving.

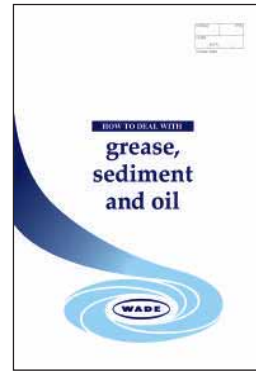
Cast nickel bronze is particularly suited to the mixed traffic conditions encountered in pedestrian areas such as at Halstead, Essex.



Stainless steel gully with Supaslot channel and a wash-down channel tray in a tiled floor.

The facility to fit gullies to stainless steel channel increases options for drainage layout.

Other Wade literature



www.wade.eu

Details of the comprehensive range of Wade drainage products, including WADE-CAD, are available on our interactive CD ROM. Our website also contains product information, price list and CAD files.

Service

Product Information and technical advice are available from the Wade Technical Services Department at Halstead, Essex, from Wade Drainage Technical Consultants located throughout the U.K. and from selected distributors throughout the world. A computer-aided design service is available free of charge for layouts and assemblies of Wade products.

Warranty

The Company warrants its products to be free from defects in material and workmanship for a period of 12 months from the date of delivery.

The Company's obligation under this warranty is limited, at its option, to the repair or replacement, free of charge, or refund of the net invoiced price of any part found to be defective, and

which, in the Company's opinion, has not been subject to undue wear and tear, accident, alteration, abuse or misuse.

Consequential damages are expressly disclaimed.

Technical advice from Wade International Ltd., whether verbal, in writing or by way of trials, is given in good faith but without warranty. The application, use and installation of the Company's products are beyond the control of the Company and the purchaser is solely responsible for ensuring that goods are fit for any particular purpose.

In line with the Company's policy of continual research and development, product specifications and availability are subject to change or withdrawal without prior notice.

Dimensions

In line with general practice all dimensions shown are nominal.



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QUALITY BY TRADITION  PERFORMANCE BY DESIGN