

DUCTILE IRON GRATINGS TECHNICAL INFORMATION

SUMP GRATE - CLASS G

PRODUCT CODE	CLEAR OPENING		FRAME			GRATE				MASS		BOLT-DOWN BOLTS QTY
	CO (W)	CO (L)	FRAME OVERALL WIDTH	FRAME OVERALL LENGTH	FRAME DEPTH	GRATE WIDTH	OVERALL GRATE LENGTH	GRATE-BELLY DEPTH (MAX)	GRATE SEATING DEPTH	TOTAL MASS OF FRAME KG	TOTAL MASS OF GRATE KG	
GM321S6161G	610	610	856	630	69	682	610	120	59	16	86	4
GM321S6191G	610	914	856	934	69	682	914	120	59	23	130	8
GM321S9191G	914	914	1158	934	69	984	914	130	59	23	236	8

Note: Grate and frame come assembled and bolted with M12 SS SHC Bolts (refer to table for quantity)
 Suffix "G" at the end of the code is same as Suffix "F900"
 Trench lengths can be made to custom requirements
 Sump grates come with two galvanised mild steel plates attached at the ends

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 For more information contact your GATIC representative.

DUCTILE IRON GRATINGS TECHNICAL INFORMATION

SUMP GRATE - CLASS E

PRODUCT CODE	CLEAR OPENING		FRAME			GRATE				MASS		BOLT-DOWN BOLTS QTY
	CO (W)	CO (L)	FRAME OVERALL WIDTH	FRAME OVERALL LENGTH	FRAME DEPTH	GRATE WIDTH	OVERALL GRATE LENGTH	GRATE-BELLY DEPTH (MAX)	GRATE SEATING DEPTH	TOTAL MASS OF FRAME KG	TOTAL MASS OF GRATE KG	
GM321S6161E	610	610	854	630	69	680	610	110	59	16	73	2
GM321S6191E	610	914	854	934	69	680	914	110	59	23	105	4
GM321S9191E	914	914	1158	934	69	984	914	133	59	23	182	4

Note: Grate and frame come assembled and bolted with M12 SS SHC Bolts (refer to table for quantity)
 Trench lengths can be made to custom requirements
 Some sump grates can be substituted for trench grates and vice-versa
 Sump grates come with two galvanised mild steel plates attached at the ends

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DUCTILE IRON GRATINGS TECHNICAL INFORMATION

SUMP GRATE - CLASS D

PRODUCT CODE	CLEAR OPENING		FRAME			GRATE				MASS		BOLT-DOWN BOLTS QTY
	CO (W)	CO (L)	FRAME OVERALL WIDTH	FRAME OVERALL LENGTH	FRAME DEPTH	GRATE WIDTH	OVERALL GRATE LENGTH	GRATE-BELLY DEPTH (MAX)	GRATE SEATING DEPTH	TOTAL MASS OF FRAME KG	TOTAL MASS OF GRATE KG	
GM321S3030D	305	305	554	325	69	380	305	59	59	8	16	2
GM321S4545D	457	457	681	477	68	527	457	59	59	12	24	2
GM321S6161D	610	610	854	630	69	680	610	65	59	15	50	2
GM321S6191D	610	914	854	630	69	680	914	65	59	23	75	4
GM321S9161D	914	610	1158	934	69	984	610	85	59	15	83	4
GM321S9191D	914	914	1158	934	69	984	914	82	59	23	120	4

Note: Grate and frame come assembled and bolted with M12 SS SHC Bolts (refer to table for quantity)
 Trench lengths can be made to custom requirements
 Some sump grates can be substituted for trench grates and vice-versa
 Sump grates come with two galvanised mild steel plates attached at the ends

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DUCTILE IRON GRATINGS TECHNICAL INFORMATION

SUMP GRATE - CLASS B

PRODUCT CODE	CLEAR OPENING		FRAME			GRATE				MASS		BOLT-DOWN BOLTS QTY
	CO (W)	CO (L)	FRAME OVERALL WIDTH	FRAME OVERALL LENGTH	FRAME DEPTH	GRATE WIDTH	OVERALL GRATE LENGTH	GRATE-BELLY DEPTH (MAX)	GRATE SEATING DEPTH	TOTAL MASS OF FRAME KG	TOTAL MASS OF GRATE KG	
GM321S3030B	305	305	454	315	48	353	305	38	38	6	9	2
GM321S4545B	457	457	605	467	48	503	457	49	38	8	22	2
GM321S6161B	610	610	757	620	48	655	610	53	38	8	36	2

Note: Grate and frame come assembled and bolted with M12 SS SHC Bolts (refer to table for quantity)
 Trench lengths can be made to custom requirements
 Some sump grates can be substituted for trench grates and vice-versa
 Sump grates come with two galvanised mild steel plates attached at the ends

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DUCTILE IRON GRATINGS TECHNICAL INFORMATION

TRANSVERSE GRATE - CLASS G

PRODUCT CODE	CLEAR OPENING		FRAME			GRATE				MASS		BOLT-DOWN BOLTS QTY
	CO (W)	CO (L)	FRAME OVERALL WIDTH	FRAME OVERALL LENGTH	FRAME DEPTH	GRATE WIDTH	OVERALL GRATE LENGTH	GRATE-BELLY DEPTH (MAX)	GRATE SEATING DEPTH	TOTAL MASS OF FRAME KG	TOTAL MASS OF GRATE KG	
GM321T2212G	229	1220	458	1220	68	304	1220	70	59	25	55	8
GM321T3012G	305	1220	548	1220	69	380	1220	70	59	30	67	8
GM321T6112G	610	1220	850	1220	69	682	1220	105	59	30	172	8
GM321T9191G	914	914	1158	914	69	984	914	105	59	23	236	8

Note: Grate and frame come assembled and bolted with M12 SS SHC Bolts (refer to table for quantity)
 Suffix "G" at the end of the code is same as Suffix "F900"
 Trench lengths can be made to custom requirements

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DUCTILE IRON GRATINGS TECHNICAL INFORMATION

TRANSVERSE GRATE - CLASS D

PRODUCT CODE	CLEAR OPENING		FRAME			GRATE				MASS		BOLT-DOWN BOLTS QTY
	CO (W)	CO (L)	FRAME OVERALL WIDTH	FRAME OVERALL LENGTH	FRAME DEPTH	GRATE WIDTH	OVERALL GRATE LENGTH	GRATE-BELLY DEPTH (MAX)	GRATE SEATING DEPTH	TOTAL MASS OF FRAME KG	TOTAL MASS OF GRATE KG	
GM321T1512D	152	1220	396	1220	69	228	1220	59	59	30	46	4
GM321T2212D	229	1220	474	1220	69	300	1220	59	59	30	55	4
GM321T3012D	305	1220	548	1220	69	380	1220	59	59	30	64	4
GM321T4512D	457	1220	681	1220	68	527	1220	38	59	24	65	4
GM321T6112D	610	1220	848	1220	69	680	1220	65	59	30	100	4
GM321T9112D	914	1220	1138	1220	68	984	1220	85	59	24	166	4

Note: Grate and frame come assembled and bolted with M12 SS SHC Bolts (refer to table for quantity)
Trench lengths can be made to custom requirements
Some Transverse grates can be substituted with sump grates and vice-versa

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DUCTILE IRON GRATINGS TECHNICAL INFORMATION

TRANSVERSE GRATE - CLASS B

PRODUCT CODE	CLEAR OPENING		FRAME			GRATE				MASS		BOLT-DOWN BOLTS QTY
	CO (W)	CO (L)	FRAME OVERALL WIDTH	FRAME OVERALL LENGTH	FRAME DEPTH	GRATE WIDTH	OVERALL GRATE LENGTH	GRATE-BELLY DEPTH (MAX)	GRATE SEATING DEPTH	TOTAL MASS OF FRAME KG	TOTAL MASS OF GRATE KG	
GM321T1512B	152	1220	302	1220	48	200	1220	38	38	16	23	4
GM321T2212B	229	1220	379	1220	48	277	1220	38	38	16	30	4
GM321T3012B	305	1220	455	1220	48	353	1220	38	38	16	38	4
GM321T4512B	457	1220	607	1220	48	505	1220	49	38	16	54	4
GM321T6112B	610	1220	760	1220	48	658	1220	49	38	16	72	4

Note: Grate and frame come assembled and bolted with M12 SS SHC Bolts (refer to table for quantity)
Trench lengths can be made to custom requirements

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