

# Technical Datasheet Channel Grates

## HYDRO DRAIN SUPREME C Series

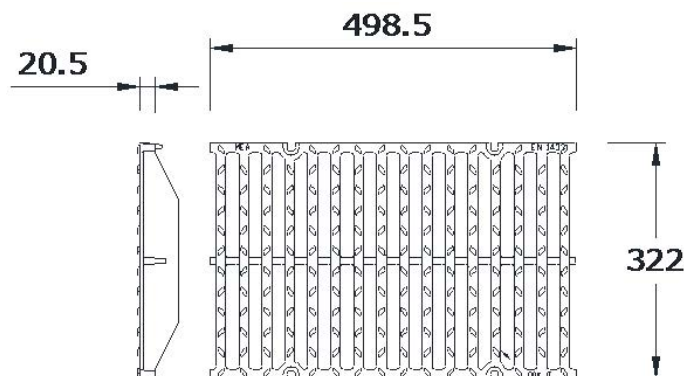


### Hydro Ductile Iron Slotted Grate

Certified to AS3996 Load Class E400. Compliant for wheelchair and walking cane safety AS1428.2. Compliant for bicycle tyre penetration AS3996. Features longitudinal fixation lugs on the grate and channel edge rail to ensure grate will not move horizontally in the channel recess. Includes KTL Coating which is a finished technological process used for coating of metal surfaces with a thin, solid, one layer, and corrosion-resistant paint coating. 4-point-bolted locking system option available, see following page.

Grates suitable for channel system **HYDRO DRAIN Supreme C3000.0, C3020.0**. For channel units and inline sumps.

Total width of grates 322mm. 900Kn, point load approximately 30,000Kgs.



material group	product description	material	length [mm]	Hydro No.	Inlet sect. area Ø cm <sup>2</sup> /m	kg/unit
MD	Ductile iron slotted grate	ductile iron	500	154849	1459	16.5

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### 4-point bolt locking system

For 4-point bolt channel locking system. Suitable for channel system **HYDRO DRAIN Supreme C Series Grates (all sizes)**.

For channel units and inline sumps.

**Locking system** (To provide a traffic safe environment it is necessary to securely lock the grates into the channel body)

material group	product description	material	Hydro Part No.	kg/unit
SS	4 point- bolted locking system	stainless steel	153050	0.2

#### Remark

- \* One set of locking systems required per metre of Channel.
- Locking system suitable for all Hydro Drain Supreme C Series Channels.
- Please find all technical data of channel units and accessories in the Technical Datasheets for channel units.
- The surface coating of ductile iron parts only has a cosmetic function.
- Because of surface oxidation, ductile iron is even irresistible against environment influences (e.g. salt solutions for de-icing). Therefore, surface oxidation of ductile iron parts is not admitted as a complaint by MEA.
- Of course, the resignation of surface coating is in accordance with all corresponding standards.

### Specification Info

#### Hydro Supreme Ductile Iron Slotted Gate.

Load Class E400 to AS3996 (or EN1433 equivalent). Manufactured from Ductile Iron and includes KTL coating. Gate includes provision for 4-point bolt locking system. Features longitudinal fixation lugs on the grate and recesses in the edge rail to ensure grate will not move horizontally in the channel recess. Supply and installation must be in accordance with the installation instructions from the manufacturer.