

Building Product Information Sheet

Generic Model: MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits

Type: MagnaLatch & TruClose Regular Child and Pool Safety Gate Kits

D&D Technologies®

Part of ASSA ABLOY

1. Unique identification code of the product-type:

| | |
|-----------------|---|
| Brand | D&D Technologies |
| Model(s) | MagnaLatch & TruClose Regular Child and Pool Safety Gate Kits - Part Number / identifier listed below |

| Part Number / identifier | Bar code | Description/Type | Production type | NZ Building Product class |
|---------------------------------|-----------------|--|---------------------------------|----------------------------------|
| ML3TPLDTC1RB | 736494009754 | MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates (Child and Pool Safety Gate Kit) – Bunnings | Batch or mass-produced products | Class 1 |
| MTSTDKS3LA | 736494010064 | MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates (Child and Pool Safety Gate Kit) | Batch or mass-produced products | Class 1 |
| MTSTDKS3LLA | 736494010088 | MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates (2 side legs) (Child and Pool Safety Gate Kit) | Batch or mass-produced products | Class 1 |

This specification only covers the Part Number / identifier listed above – substitutions are not permitted.

2. Product description and its intended use(s)

Magnetic Self-Latching Gate Latch Key Features:

- Automatic self-latching upon gate closure.
- Vertical & horizontal adjustments to maintain recommended alignment. Height setting screw with fine increments to ensure release mechanism knob out is positioned out of reach to meet Clause 3.4.4.1 (location of the latching device) of NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs.
- Alignment Indicators on latch and striker to show recommended alignment.
- Lock:
 - 6-pin re-keyable security lock – re-keyable to match door set.
 - Visual Lock Indicator for knowing when latch is locked or unlocked.
- Suitable for use on pool applications – Independently tested for “Durability, Strength and Rigidity, Closing and Latching and Security of Closure of Gate Unit to AS 1926-1 2012”.
- When used on pool gate applications: The release of the latching device or latch is located at a height no less than 1,500mm above the finished floor/ground level or 1,400mm above the top of the highest lower horizontal member. Always confirm local fence / barrier regulations before installation.
- When used on pool gate applications: Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.
- Materials: Constructed from engineered polymer with aluminium extrusion and stainless-steel latching pin and spring.

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- Operation Temperature range: -40 degrees C to 60 degrees C for the mechanical latch and -20 degrees C to 60 degrees C for the electronic module.
- Recommended and Minimum post sections – refer to table below.
- Ideal Gate Gap and Gap Variance – refer to table below.

Regular Duty Self-Closing Spring Hinges Key Features (supplied as a pair in kit):

- Combined hinge-closer with a self-closing gate capacity of up to 30kg on gate dimensions of 1,500mm H x 900mm W per hinge pair.
- Adjustable self-closing tension feature is provided on both ends of each hinge barrel. Ensure each hinge always have equal tension. Adjust tension on each hinge from the top adjuster only. Only adjust tension with the gate closed.
- Suitable for use on pool applications – Independently tested for “Durability, Strength and Rigidity, Closing and Latching and Security of Closure of Gate Unit to AS 1926-1 2012”.
- When used on pool gate applications: The top of the hinge barrel and adjuster may be considered as horizontal climbable members, so observe a minimal distance of 900mm between two consecutive hinges. Always confirm local fence / barrier regulations before installation.
- When used on pool gate applications: Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.
- MTSTDKS3LA and MTSTDKS3LLA supplied with black covers.
- Supplied with a safety cap. Safety cap to be installed on the lower hinge (optional). Always confirm local fence / barrier regulations before installation.
- Materials: Constructed from engineered polymer with internal stainless steel torsion spring.
- Operation Temperature range: -40 degrees C to 60 degrees C
- Recommended and Minimum post sections – refer to table below.
- Ideal Gate Gap and Gap Variance – refer to table below.

| Part Number / identifier | Description /Type | Latch | | Hinge | | Recommended Fence Post | Recommended Gate Frame |
|--------------------------|---|----------------|--------------|----------------|--------------|------------------------|------------------------|
| | | Ideal Gate Gap | Gap Variance | Ideal Gate Gap | Gap Variance | | |
| ML3TPLDTC1RB | MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates (Child and Pool Safety Gate Kit) – Bunnings | 19mm | 9 – 25mm | 19mm | 9 – 22mm | 30mm | 40mm |
| MTSTDKS3LA | MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates (Child and Pool Safety | 19mm | 9 – 25mm | 19mm | 9 – 22mm | 30mm | 40mm |

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|-------------|--|------|----------|---------------|------|------|
| | Gate Kit) | | | | | |
| MTSTDKS3LLA | MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates (2 side legs) (Child and Pool Safety Gate Kit) | 19mm | 9 – 25mm | Fixed at 21mm | 30mm | 40mm |

Applications:

- Gates weighing 70kg with dimensions of 1,800mm H x 1,200mm W.
- Pool Gates: Observe the following:
 - MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates are suitable for Child and Pool Safety applications.
 - The release of the latching device or latch is located at a height no less than 1,500mm above the finished floor/ground level or 1,400mm above the top of the highest lower horizontal member. Always confirm local fence / barrier regulations before installation. Always confirm local fence / barrier regulations before installation.
 - The top of the hinge barrel and adjuster may be considered as horizontal climbable members, so observe a minimal distance of 900mm between two consecutive hinges. Always confirm local fence / barrier regulations before installation
 - Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.
- Child and Pool Safety Gates.
- Gate material and fencing material – refer to table below.

| Part Number / identifier | Description/Type | Fence Post Material | Gate Material |
|--------------------------|--|---------------------|---------------|
| ML3TPLDTC1RB | MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates (Child and Pool Safety Gate Kit) – Bunnings | Metal | Metal |
| MTSTDKS3LA | MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates (Child and Pool Safety Gate Kit) | Metal | Metal |
| MTSTDKS3LLA | MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates (2 side legs) (Child and Pool Safety Gate Kit) | Metal | Metal |

3. Place of Manufacture:

Place of Manufacture

- Aotearoa New Zealand
 Overseas, see manufacturer section for details

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4. Legal and trading name of the manufacturer(s):

D&D Technologies Pty Ltd.

Address for Service

| | |
|-------------------------------|---|
| Street name and number | Unit 6, 4-6 Aquatic Drive |
| Suburb | Frenchs Forest |
| Region/state | New South Wales |
| Country | Australia |
| Post code | 2086 |
| Website | https://www.ddtech.com/ |
| Email | https://au.ddtech.com/pages/contact-us |
| Phone | +61 2 9454 7888 |
| Business number | ABN: 94 059 413 430 |

5. Legal and trading name of the importer (if applicable):

ASSA ABLOY New Zealand Ltd

Address for Service

| | |
|-------------------------------|---|
| Street name and number | 6 Armstrong Road |
| Suburb | Albany |
| Region/state | Auckland |
| Country | New Zealand |
| Post code | 0632 |
| Website | https://www.assaabloy.com/nz/en |
| Email | nzsales@assaabloy.com |
| Phone | +64 (0)9 448 9188 |
| Business number | NZBN: 9429036762194 |

6. Relevant Building Code clauses:

| Standard | Clause(s) |
|--|--|
| AS1926-1 2012 – Swimming pool safety Part 1: Safety barriers for | Tests to AS1926-1 2012: Durability, Strength and Rigidity, Closing and Latching and Security of Closure of Gate Units. |

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| swimming pools. | |
| NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs | Clause 3.3.4 – Horizontal claimable members – Hinges shall be not less than 900mm apart. Clause 3.4.3 – Self-Closing device Clause 3.4.4 – Latching device Clause 3.4.4.1 – Location of the latching device. |
| NZ Building Regulations 1992 | Clause F9.9.3 - Means of restricting access to residential pools: Any gates must — a. open away from the pool; and b. not be able to be readily opened by children (when paired with suitable self-closing and self-latching devices – see Sections 8 to 11 below); and c. automatically return to the closed position after use. |

7. Statement on how the building product is expected to contribute to compliance.

Clause 3.6 – Durability of a Gate Unit and Appendix F: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

Clause 3.5 – Strength and Rigidity of a Gate Unit and Appendix E: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

Clause 3.4 – Closing and Latching of Gates: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

Clause 2.4.1.3 – Security of Closure: Swimming pool safety Part 1: Safety barriers for swimming pools (AS1926-1 2012).

8. Limitations on the use of the building product:

- Suitable for gates weighing 30kg with dimensions of 1,500 H mm x 900mm W.
- Supplied with a safety cap. Safety cap to be installed on the lower hinge (optional). Always confirm local fence / barrier regulations before installation.
- Pool Gates: Observe the following:
 - MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates are suitable for Child and Pool Safety applications.
 - The release of the latching device or latch is located at a height no less than 1,500mm above the finished floor/ground level or 1,400mm above the top of the highest lower horizontal member. Always confirm local fence / barrier regulations before installation. Always confirm local fence / barrier regulations before installation.
 - The top of the hinge barrel and adjuster may be considered as horizontal climbable members, so observe a minimal distance of 900mm between two consecutive hinges. Always confirm local fence / barrier regulations before installation.
 - Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.

9. Design requirements that would support the appropriate use of the building product.

Pools must have or be provided with physical barriers that restrict access to the pool. A barrier surrounding a pool must have no permanent objects or projections on the outside that could assist children in negotiating the barrier. Refer to the following references for further details:

- Clause F9 - Means of restricting access to residential pools of the NZ Building Regulations 1992.
- NZS 8500: 2006 - Safety Barriers and Fences Around Swimming Pools, Spas and Hot Tubs.

10. Installation requirements

- Refer to supplied fitting instructions.
- Supplied with a safety cap. Safety cap to be installed on the lower hinge (optional). Always confirm local fence / barrier regulations before installation.
- Pool Gates: Observe the following:
 - MagnaLatch Top Pull Series 3 & TruClose Regular Series 3 Kits for Metal Gates are suitable for Child and Pool Safety applications.
 - The release of the latching device or latch is located at a height no less than 1,500mm above the finished floor/ground level or 1,400mm above the top of the highest lower horizontal member. Always confirm local fence / barrier regulations before installation. Always confirm local fence / barrier regulations before installation.

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- Gates shall be hung so that they only swing outwards from the pool area. Always confirm local fence / barrier regulations before installation.

11. Maintenance requirements

NOTE: Gates and Fencing can move due to wind loading, ground movement, and/or other factors. This can cause alignment to shift. Therefore, Site Operator and/or Site Owner must ensure the following inspection and maintenance is carried out on a regular basis or when the gate(s) is prevented from being self-closed and its self-latching device is prevented from self-latching, i.e., the latching pin engaging with the keeper.

- Refer to supplied fitting instructions.
- Observe the following:
 - Check self-closing hinges will self-close the gate from any position and allow the latching pin of the self-latching device to engage with the keeper. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation. When making tension adjustment, ensure each hinge always have equal tension at all times.
 - Always carry out maintenance on both self-latching devices and self-closing hinges for the gate at the same time. The key points are as follow:
 1. Check placement and position of the release mechanism knob with respect to the standards mentioned above.
 2. Check alignment between the latching pin of the latch and the keeper of the striker to ensure the latching pin is engaged with the keeper when the gate is in the closed position. If a MagnaLatch Series 3 Top Pull device is installed, check the alignment indicators provided on the MagnaLatch Series 3 Top Pull for optimal alignment. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation.
 3. Check paired self-closing hinges for the gate to enable the gate to be closed from any position and allow the latching pin to be engaged with the keeper. Where applicable, make necessary adjustment(s) as per manufacturer's recommendation.
 4. Check for any obstruction(s) or potential obstruction(s) that prevents the latching pin being engaged with the keeper when the gate is in the closed position.
- Gate alignment and maintenance is essential to maintain self-closing, latching alignment and performance.

12. Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?

Yes No

If yes, description of the warning or ban under section 26

N/A

13. Date

Date of document completion (day/month/year)

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