

A close-up photograph of a DORMA BTS 60TT floor spring. The device is a rectangular metal unit with a brushed finish. A dark grey, curved handle is mounted on top. A clear plastic cover is partially open, revealing the internal mechanism. The DORMA logo is embossed on the top surface of the unit. Two screws are visible on the top surface. The background is a plain, light grey.

BTS 60TT

Floor Spring

COMPACT AND RELIABLE SOLUTION FOR STANDARD DOORS

The smallest floor spring from DORMA, **BTS 60TT** is developed and made by DORMA as an economic solution for standard, light use double action doors with a width up to 950mm or a maximum door weight of 85kg. Embodying DORMA **TwinTec** technology and **SafeForce** valve,

BTS 60TT provides a good balance of compact size, strong closing force and enhanced safety. **BTS 60TT** is available with various accessories options for glass doors, profile doors and timber doors.

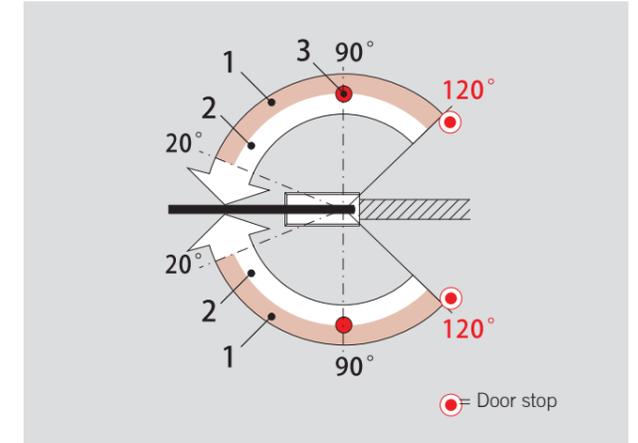
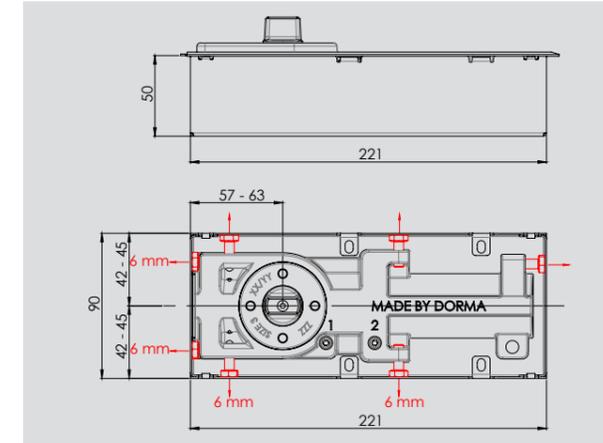
Technical Data		BTS 60TT
Spring strength	Size	3
Standard doors ¹⁾²⁾	≤ 950mm	●
Max. door weight in kg		85
Closing speed variable by valve adjustment	120° - 20° 120° - 0°	●
Hold-open point	90°	○
Weight in kg approx.		3.4
Dimension in mm	Length	221
	Width	90
	Height	50

● Yes ○ Option

¹⁾ For applications involving particularly high or heavy doors, and doors which have to close against wind or draught conditions the, next larger closer size or the DORMA BTS 80 should be selected.

²⁾ Max. opening 120°. Door stop necessary for doors which can open further than 120°.

Measurements



Standard and optional functions

Closing ranges

The floor spring has two controlled closing ranges:
Valve 1: 120° - 20°
Valve 2: 120° - 0°

1. First adjusting closing range (120° - 20°)
2. Second adjusting closing range (120° - 0°)
3. Hold open at 90° (for hold-option version only)

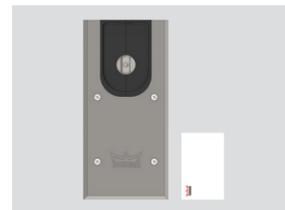
Hold-open

With the hold-open integrated, the door can be held at an angle of 90°.

BENEFITS

Compact size: less work, more savings

BTS 60TT is the smallest floor spring from DORMA which measures only 221mm x 90mm x 50mm. It saves your time and labor costs, as less flooring work on site is required. It also saves transportation and warehousing costs, as now you can store more with less space.



How small is BTS 60TT compared to others?

BTS 60TT is the smallest floor spring from DORMA. Its length is equivalent to 2.6 business cards.

TwinTec: more power with smaller body

TwinTec technology is an innovation from DORMA that enables a stronger closing power with a smaller body. Its dual piston design provides a strong closing force for up to 950mm door width or 85kg door weight.

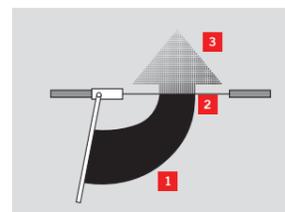


What is TwinTec technology?

TwinTec is the DORMA dual-piston design for BTS 60TT floor spring to provide a strong and reliable closing force with a compact body.

SafeForce: reduced risk of injuries

SafeForce is a safety valve that reduces risk of injuries caused by glass breakage when door is closed by strong wind or sudden slamming. Like the airbag of automobiles, SafeForce valve provides extra safety protection from accidental closing forces.



How does SafeForce Work?

1. Accidental closing by strong wind or extreme force
2. SafeForce valve provides a safe release of the pressure
3. Lower risk of injuries from glass breakage or over-swing

Assurance of DORMA quality:

BTS 60TT is developed and manufactured by DORMA. This size 3 floor spring stands stringent test for consistent performance.



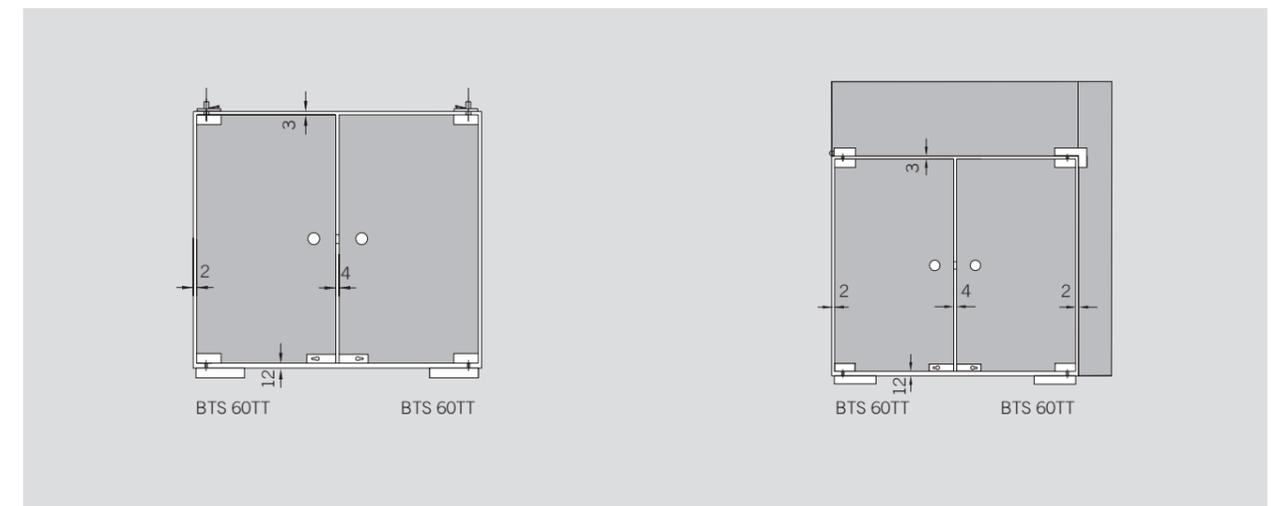
Solution for frameless glass door

With GD patch fittings

- for 12mm toughened glass
- for door weight up to 85kg
- only for 65mm pivot point

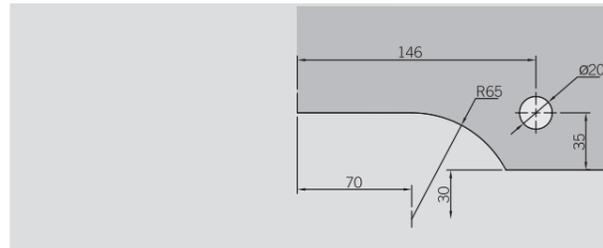
Finish:

- satin stainless steel

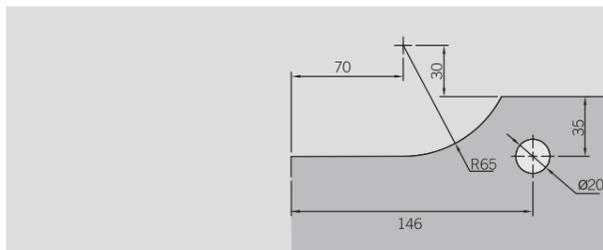


Glass preparation

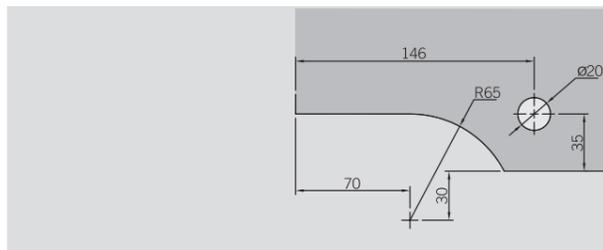
GD PT10
bottom patch fitting



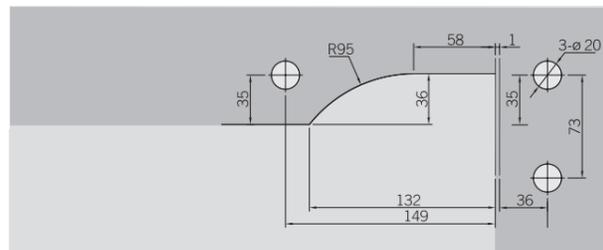
GD PT20
top patch fitting



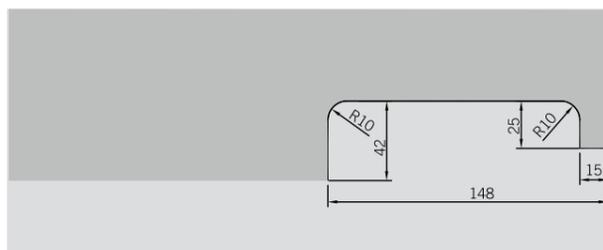
GD PT30
over panel patch fitting



GD PT40
over panel and sidelight patch fitting

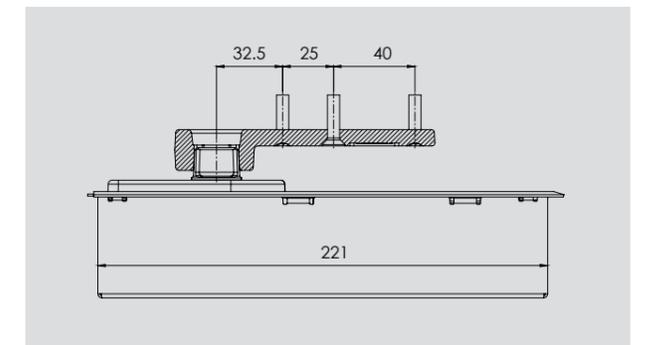
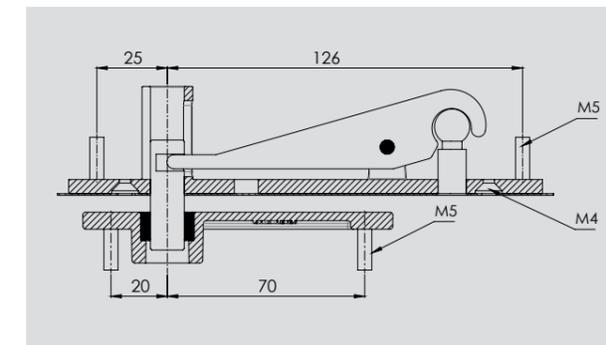
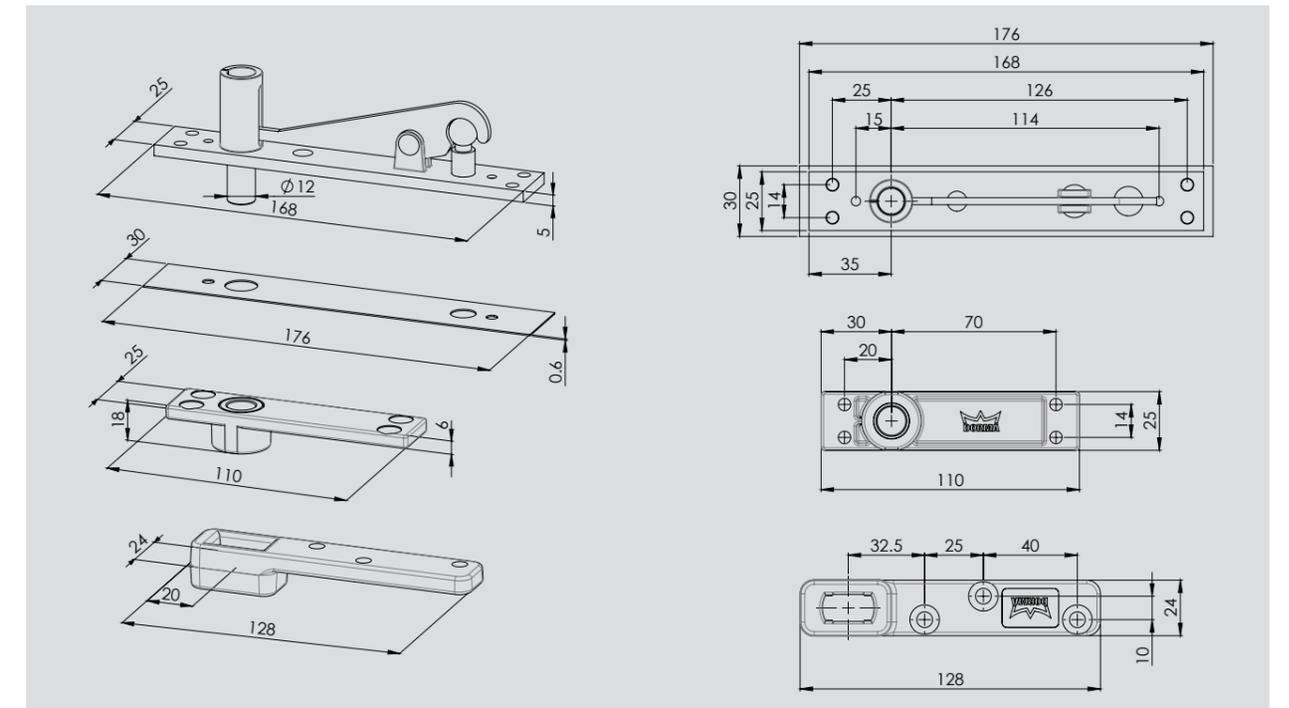


GD US10
corner lock



Solution for timber and profile door

With door strap and top center



BTS 60TT Range of equipment

Description	Article No.
BTS 60TT (Size3 HO) + Door strap & Top center	5021122
BTS 60TT (Size3 HO) + GD PT10/PT20/PT24 (SSS)	5021123
BTS 60TT (Size3 HO) + GD PT10/PT20/PT24/US10 (SSS)	5021124
BTS 60TT (Size3 NHO) + Door strap & Top center	5521122
BTS 60TT (Size3 NHO) + GD PT10/PT20/PT24 (SSS)	5521123
BTS 60TT (Size3 NHO) + GD PT10/PT20/PT24/US10 (SSS)	5521124
GD PT30 (SSS, for 12mm glass)	6817170
GD PT40 (SSS, for 12mm glass)	6817171

HO = Hold Open; NHO = Non Hold Open; SSS = Satin Stainless Steel



DORMA Door Controls
Company Limited
Room 701, 7/F Technology
Plaza, 651 King's Road, North
Point
Hong Kong
Tel : +852 2503 4632
Fax : +852 2887 5370
www.dorma.com/hk

DORMA Far East Pte. Ltd
Singapore
31 Gul Lane
Singapore 629425
Tel : +65 6268 7633
Fax : +65 6265 7995
+65 6459 0137

www.dorma.com/sg
Co. Reg. No. 1981-03135-W

PT DORMA Far East
Indonesia
Tel : +62 21 2930 3762
Fax : +62 21 2930 3763

DORMA Far East Sdn. Bhd.
Malaysia/Brunei
Tel : +603 7665 1683
Fax : +603 7665 1680

DORMA Far East
(Thailand) Ltd.
Thailand/Cambodia/Laos/
Myanmar

Tel : +66 2 236 4994/5/6
Fax: +66 2 236 4997

Taiwan
Tel : +886 2 2709 6611
Fax : +886 2 2709 9911

Vietnam
Tel : +84 8 62 888 748
Fax : +84 8 62 888 701

DORMA Korea Inc.
Tel : +82 31 776 0051
Fax : +82 31 776 0054

DORMA Philippines Corp.
Tel : +63 2 893 4078
Fax : +63 2 845 1108

