

DYWIDAG Formtie System → Technical Data

DYWIDAG Water Stops

DSI delivers 3 types of Water Stops:

Type N	-	for lost anchors, not recoverable, ref. ...3043 The plate 120 x 120 mm is weld on the MUKUSOL Threadbar.
Type S	-	for recoverable anchors: plate 120 x 120 mm (ref. ...3044)
Type G	-	for recoverable anchors: plate dia. 65 mm (ref. 15 F 3093) plate dia. 110 mm (ref. 15 F 3093/B) plate dia. 80 mm (ref. 20 F 3093)

Quality control:

All water stops are tested regularly. The following tests are performed with randomly chosen parts:

- 1) Load test: We check the breaking load of the products.
- 2) Watertightness: Water Stops Type S and Type G are tested with an (air)-pressure of 0,7 MPa (7 bar) to ensure watertightness.
- 3) Thread Control: Screwability and dimensions are checked with gauges.

Product Overview:

Reference	Type	Working Load	Test Load in DSI-Lab	Test Watertightness
15 FS 3043	N	85 kN	170 kN	visual inspection of welding
15 F 3044	S	90 kN	190 kN	7 bar
15 F 3093	G	90 kN	190 kN	7 bar
15 F 3093/B	G	90 kN	190 kN	7 bar
20 FS 3043	N	140 kN	270 kN	visual inspection of welding
20 F 3044	G	150 kN	345 kN	7 bar
20 F 3093	G	150 kN	345 kN	7 bar
26 ES 3043	N	240 kN	500 kN	visual inspection of welding

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