

Technical Datasheet No : 100_(v 1)

Part Number 600-004

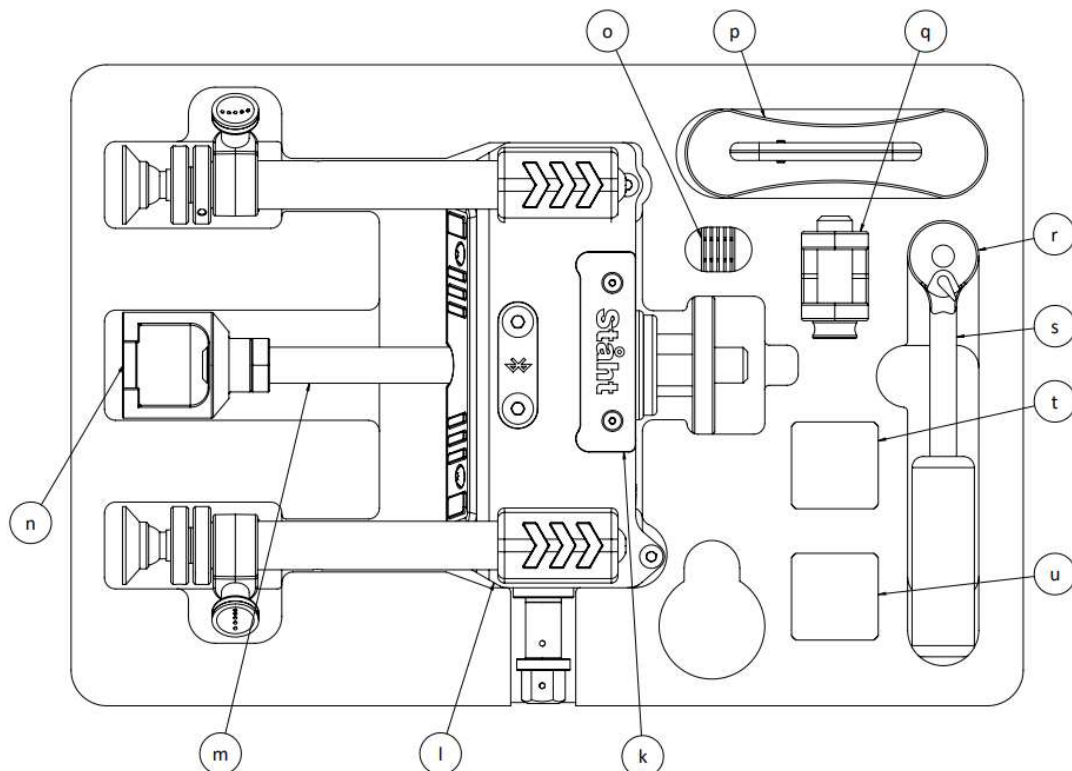
60kN Digital Tensile Tester Kit, c/w Accessories & Heavy-Duty Case

Ståht™



Application – The Staht Tester Kit is designed to proof load test anchors and safety eye bolts up to a maximum load of 60 kN / 13489 lbf. The kit is supplied in a heavy-duty case.

Kit Content: 60kN Digital Load Cell (k) , Bridge (l), Drop Rod & Top Nut (m), Anchor Jaw (n), Clevis (q), USB-C Charge Cable(o), Tool Lanyard for Tester (p), 17mm Socket (r), 3/8" Socket Wrench c/w Wrist Lanyard (s), Threaded Washer Pack M6, 8, 10, 12, 16 & 20 (t), Slotted Washer Pack M6, 8, 10, 12 & 16 (u), 24mm Spanner, Calibration Certificate & User Instructions, Heavy Duty Case & Filler.

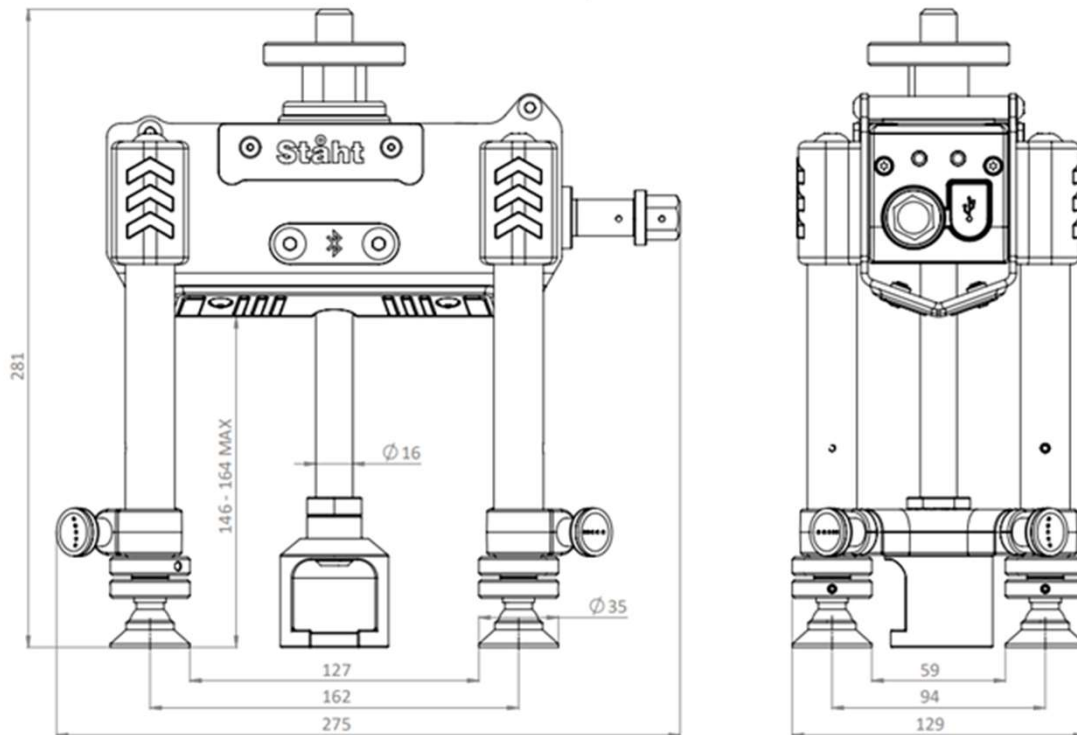


Technical Datasheet No : 100_(v 1)

Part Number 600-004

60kN Digital Tensile Tester Kit, c/w Accessories & Heavy-Duty Case

Ståht



Specification

Operating Load Range	0 – 60 kN / 0 - 13489 lbf
Max Torque @ 60 kN / 13489 lbf	25 Nm / 18.4 ft-lbs
Operating Temperature Range	-20 to 60 °C / -4 to 140°F
Charging Temperature Range	0 to 45 °C / 32 to 113°F
Tester Weight	4.4 kg / 9.7 lbs
Kit Weight & Dimensions	10.1 kg/ 22.2 lbs. 0.465 x 0.350 x 0.175 m / 18.3 x 13.8 x 6.9"
Packaged Weight & Dimensions	10.8 kg/ 23.8lbs. 0.5 x 0.385 x 0.21m / 19.6 x 15.15 x 8.27"
Tool Lanyard Length & Capacity	0.9 - 1.65 m ext / 31.5-65"ext. MAX 8 kg / 17.6 lbs
Wrist Lanyard Capacity	0.9 kg / 1.98 lbs
USB-C Braided Charge Cable	1 m / 39". 3 Amp
Connectivity	Staht Connect App via Bluetooth® LE
Battery	Rechargeable Li-Ion Polymer
Hydraulic Oil	ISO VG 32 Premium Mineral Based Oil
Test Standards	EN 61000-6-3:2007+A1:2011, EN 61000-4-2:2009, EN 61000-4-3+A1:2010 +A2:2010, EN 61000-4-6:2014
Certification	CE, UKCA

Technical Datasheet No : 101^(v 1)

Part Number 600-009

60kN Digital Tensile Tester Kit, c/w Accessories & Kit Bag

Ståht™



Application – The Staht tester is designed to proof load test anchors and safety eye bolts up to a maximum load of 60 kN / 13489 lbf. The kit is supplied in a durable kit bag.

Kit Content: 60kN Digital Load Cell , Bridge, Drop Rod & Top Nut, Anchor Jaw, Clevis, USB-C Charge Cable, Tool Lanyard for Tester, 17mm Socket, 3/8" Socket Wrench c/w Wrist Lanyard, Threaded Washer Pack M6, 8, 10, 12, 16 & 20, Slotted Washer Pack M6, 8, 10, 12 & 16, 24mm Spanner, Calibration Certificate & User Instructions, Padded Bag.

Specification

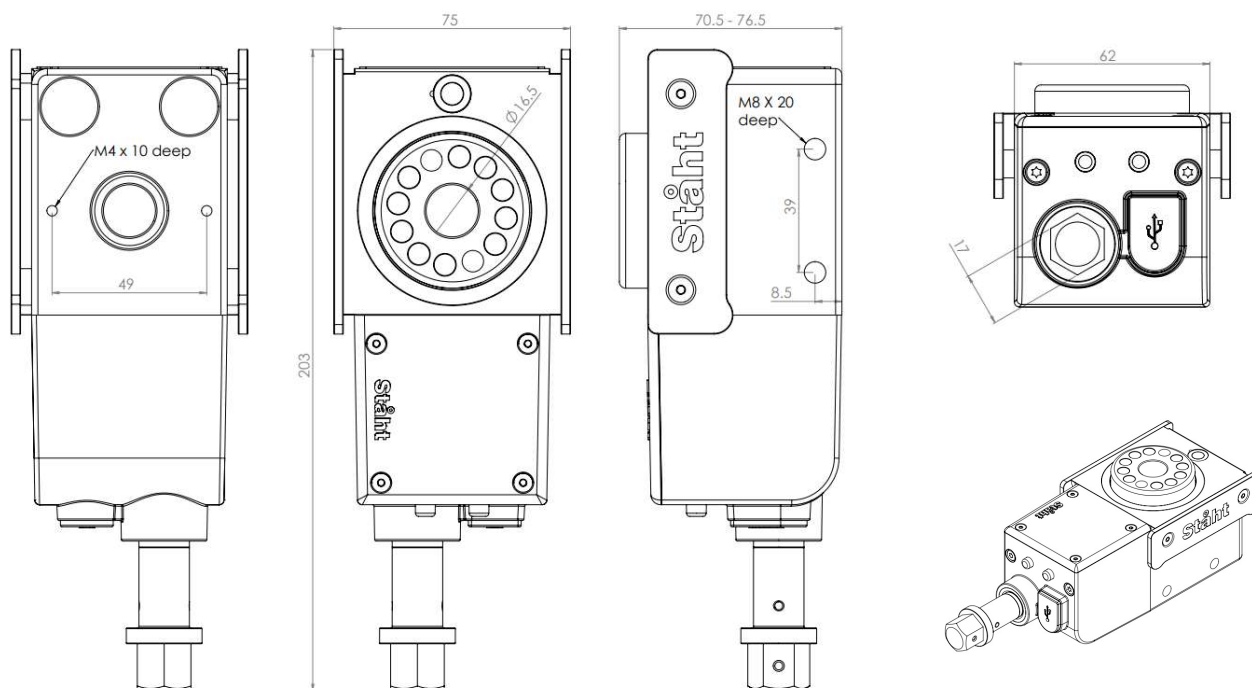
Operating Load Range	0 – 60 kN / 0 - 13489 lbf
Operating Temperature Range	-20 to 60 °C / -4 to 140°F
Max Torque @ 60 kN	25 Nm / 18.4 ft-lbs
Charging Temperature Range	0 to 45 °C . 32 to 113°F
Tester Weight	4.4 kg / 9.7 lbs
Kit Weight & Dimensions	8 kg / 17.6 lbs. 0.35 x 0.31 x 0.17 m / 13.8 x 12.2 x 6.69"
Packaged Weight & Dimensions	8.7 kg / 19.1 lbs. 0.5 x 0.385 x 0.21 m / 19.6 x 15.15 x 8.27"
Tool Lanyard Length & Capacity	0.9-1.65 m / 31.5-65". 8kg / 17.6 lbs
Wrist Lanyard Capacity	0.9 kg / 1.98 lbs
USB-C Braided Charge Cable	1 m /39". 3 Amp
Connectivity	Staht Connect App via Bluetooth® LE
Battery	Rechargeable Li-Ion Polymer
Hydraulic Oil	ISO VG 32 Premium Mineral Based Oil
Test Standards	EN 61000-6-3:2007+A1:2011, EN 61000-4-2:2009, EN 61000-4-3+A1:2010 +A2:2010, EN 61000-4-6:2014
Certification	CE, UKCA

Technical Datasheet No : 102_(v1)

Part Number 601-015

60kN Digital Tensile Tester Load Cell

Staht™



Application – The Load Cell is designed to proof load test anchors and safety eye bolts up to a maximum load of 60 kN / 13489 lbf. For use with a Staht Bridge or to fix onto your own bridge design*.

*Bridge designs and applications for this product not designed and approved by Staht are done so at the risk of the designer and user.

Specification

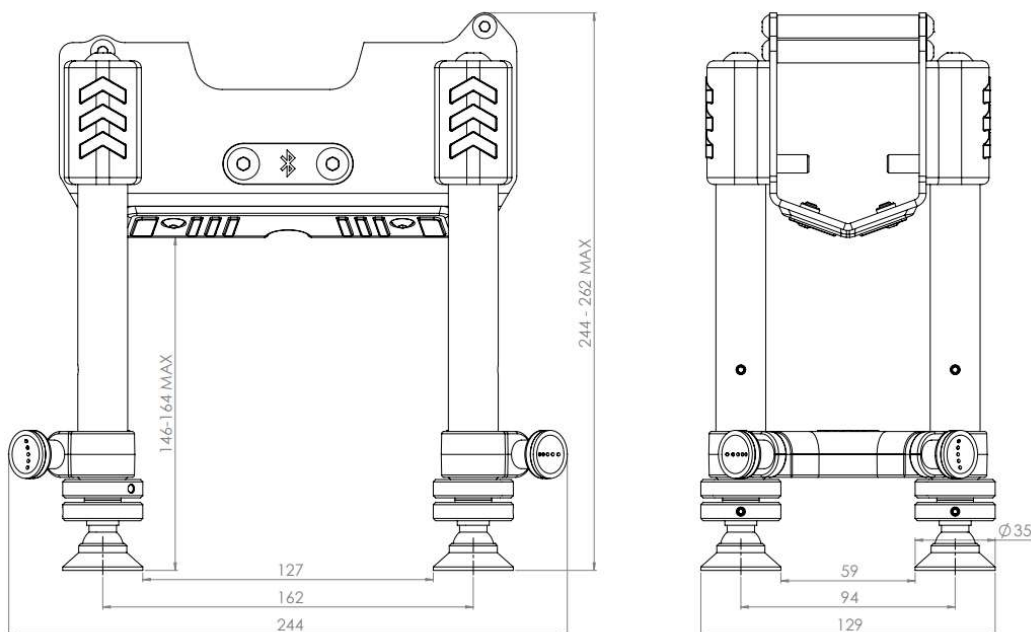
Operating Load Range	0 – 60 kN / 0 - 13489 lbf
Operating Temperature Range	-20 to 60 °C / -4 to 140°F
Max Torque @ 60kN	25Nm / 18.4 ft-lbs
Charging Temperature Range	0 to 45 °C / 32 to 113°F
Load Cell Weight	1.5 kg / 3.3lbs
Packaged Weight & Dimensions	1.8kg / 4 lbs. 0.25 x 0.14 x 0.14 m / 9.8 x 5.5 x 5.5"
USB-C Braided Charge Cable	1m / 39", 3 Amp (not included)
Connectivity	Staht Connect App via Bluetooth® LE
Battery	Rechargeable Li-Ion Polymer
Hydraulic Oil	ISO VG 32 Premium Mineral Based Oil
Test Standards	EN 61000-6-3:2007+A1:2011, EN 61000-4-2:2009, EN 61000-4-3+A1:2010 +A2:2010, EN 61000-4-6:2014
Certification	CE, UKCA

Technical Datasheet No : 103_(v1)

Part Number 601-023

Bridge 60kN / 13488.5lbf

Ståht



Application – The bridge is designed to work with the Staht Load Cell (601-015) to proof load test anchors and safety eye bolts up to a maximum load of 60 kN / 13489 lbf. The bridge is supplied with 4 x M8 fixings to fix the load cell.

Specification

Operating Load Range	0 – 60 kN / 0 - 13489 lbf
Weight	2.8 kg / 6.17 lbs
Dimensions	0.13 x 0.24 x 0.24m / 5.1 x 9.44 x 9.44"
Packaged Weight	3.1 kg / 4.4lbs
Packaged Dimensions	0.34 x 0.32 x 0.18m / 7.87 x 12.5 x 7"
Material	Steel / Aluminium / Rubber / Plastic
Finish	Powder Coat / Anodized / Natural / Natural

Technical Datasheet No : 104_(v1)
Part Number 600-005
Heavy Duty Carry Case c/w Foam Insert

Ståht



Application – The case is IP67 certified, tough and durable. It is provided with a high density foam insert to protect the Staht tester and accessories.

Specification

Dimensions	0.46 x 0.36 x 0.17m / 18 x 14.2 x 6.7"
Weight	2.8 kg / 6.17 lbs
Packaged Weight	3.1 kg / 4.4lbs
Packaged Dimensions	0.5 x 0.385 x 0.21m / 19.6 x 15.15 x 8.27"
Material(s)	High Density Plastic

Technical Datasheet No : 105_(v1)

Part Number 600-017

Staht Padded Kit Bag

Staht™



Application – The bag is a durable lightweight option for carrying the tester and accessories to the job site. It features a carry handle, shoulder strap and two internal compartments for storage of the tester and accessories. An internal mesh draw string bag is also included to keep the accessories together.

Specification

Dimensions	0.36 x 0.32 x 0.2m / 14.2 x 12.6 x 7.9"
Weight	1.2 kg
Packaged Weight	1.9 kg / 4.2lbs
Packaged Dimensions	0.5 x 0.385 x 0.21m / 19.6 x 15.15 x 8.27"
Material	PVC
Finish	Natural

Technical Datasheet No : 106_(v1)

Part Number 600-006

Threaded Washer Pack

Staht™



Application –For use with the tool adaptor jaw when testing threaded anchors or studs.
Threaded washers included are M6, 8, 10, 12, 16 & 20.

Specification

Weight	0.47 kg / 1 lbs
Dimensions	0.04 x 0.04 x 0.09 m / 1.6 x 1.6 x 3.5"
Material	Steel / Plastic Box
Finish	Zinc / Natural

Technical Datasheet No : 107_(v1)

Part Number 600-007

Slotted Washer Pack

Ståht™



Application –For use with the tool adaptor jaw when testing headed bolts.
Slotted washers included are M6, 8, 10, 12 & 16.

Specification

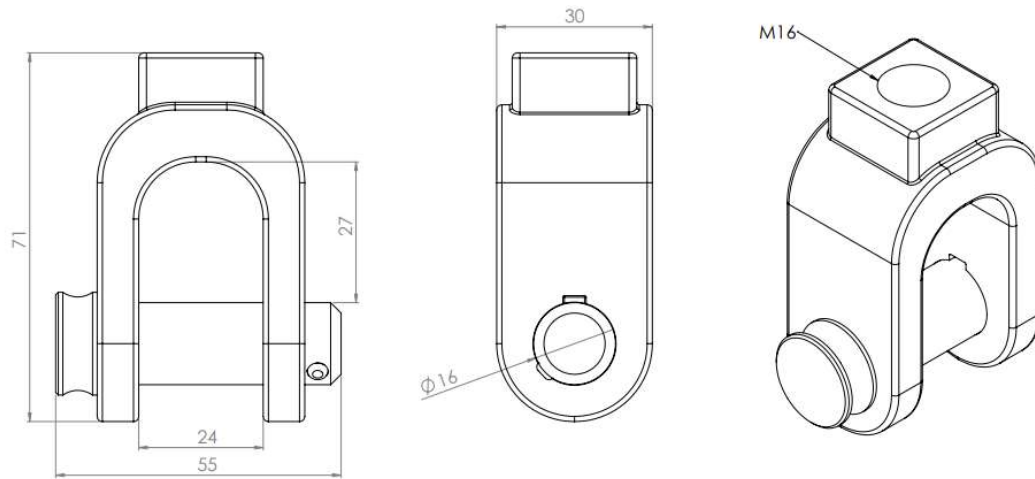
Weight	0.18 kg / 0.4 lbs
Dimensions	0.04 x 0.04 x 0.06 m / 1.6 x 1.6 x 2.4"
Material	Steel / Plastic Box
Finish	Zinc / Natural

Technical Datasheet No : 108_(v1)

Part Number 601-010

Clevis

Ståht™



Application – For testing safety eye bolts, lifting eyes and load bearing connections. Connects to the Drop Rod & Nut (Part No 600-008)

Specification

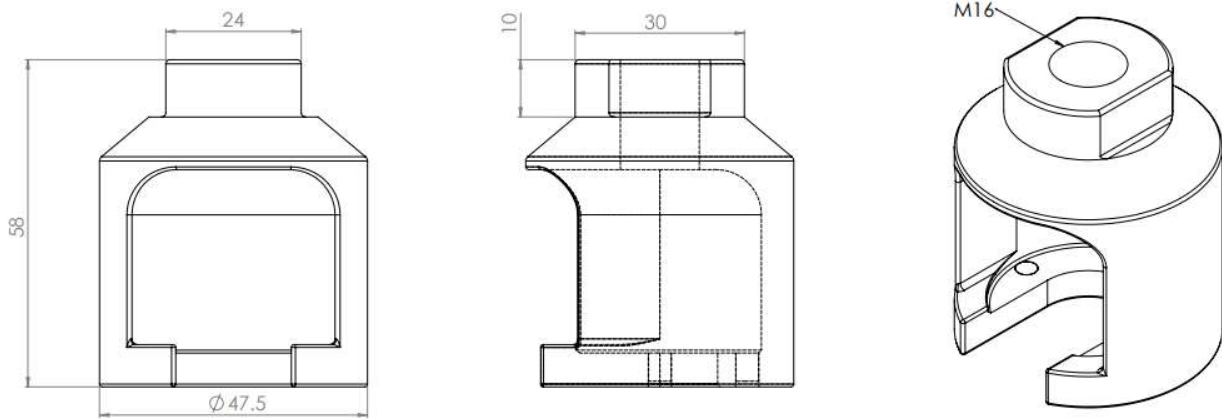
Max Operating Range	0 – 60 kN / 0 - 13489 lbf
Weight	0.34 kg / 0.75 lbs
Material	Stainless steel / Steel
Finish	Natural / Zinc

Technical Datasheet No : 109_(v1)

Part Number 601-022

Tool Adaptor Jaw

Ståht™



Application – The Tool Adaptor Jaw is used in conjunction with threaded and slotted washers to test anchors, bolts and studs. The Jaw is magnetic to hold the washers in position whilst testing.

Specification

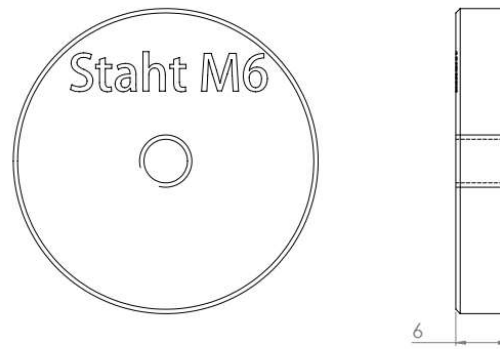
Max Operating Range	0 – 60 kN / 0 - 13489 lbf
Weight	0.3 kg / 0.66 lbs
Material	Stainless steel
Finish	Natural

Technical Datasheet No : 110_(v1)

Part Number 102-036

M6 Threaded Washer

Staht



Application –For use with the Tool Adaptor Jaw when testing threaded anchors or studs.

Specification

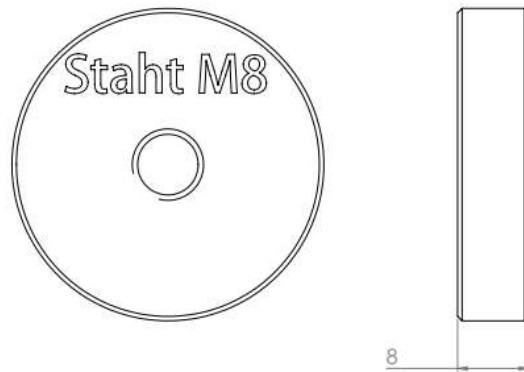
Weight	0.042 kg / 0.092 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 111_(v1)

Part Number 102-037

M8 Threaded Washer

Staht™



Application –For use with the Tool Adaptor Jaw when testing threaded anchors or studs.

Specification

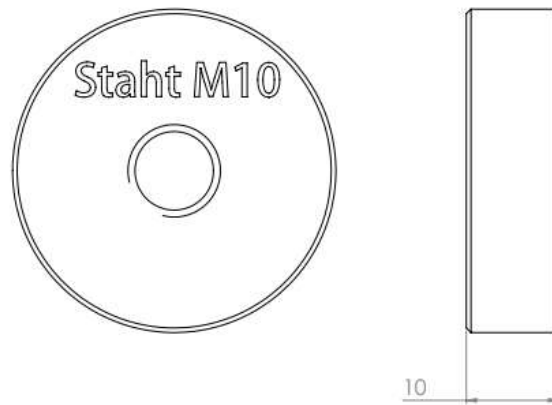
Weight	0.056 kg / 0.123 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 112_(v1)

Part Number 102-038

M10 Threaded Washer

Staht™



Application –For use with the Tool Adaptor Jaw when testing threaded anchors or studs.

Specification

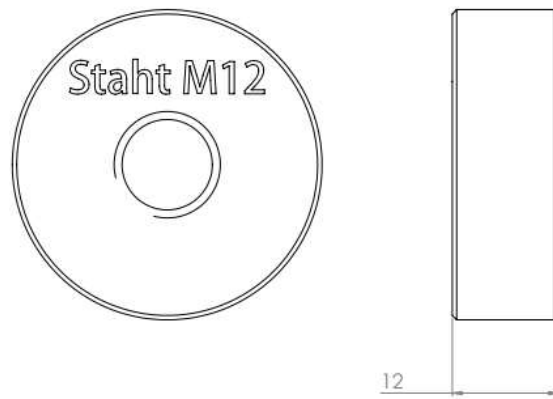
Weight	0.069 kg / 0.152 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 113_(v1)

Part Number 102-039

M12 Threaded Washer

Staht



Application –For use with the Tool Adaptor Jaw when testing threaded anchors or studs.

Specification

Weight	0.079 kg / 0.174 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 114_(v1)

Part Number 102-040

M16 Threaded Washer

Staht™



Application –For use with the Tool Adaptor Jaw when testing threaded anchors or studs.

Specification

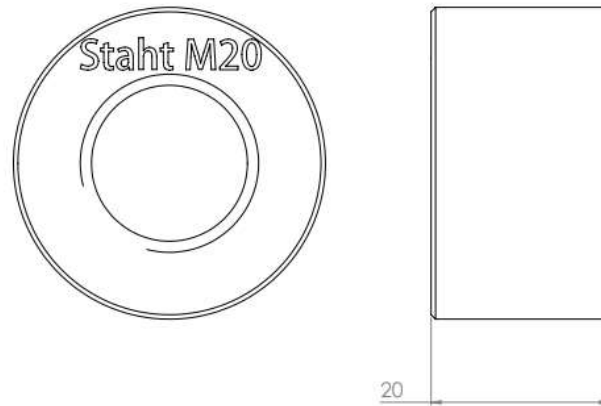
Weight	0.095 kg / 0.209 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 115_(v1)

Part Number 102-041

M20 Threaded Washer

Staht™



Application –For use with the Tool Adaptor Jaw when testing threaded anchors or studs.

Specification

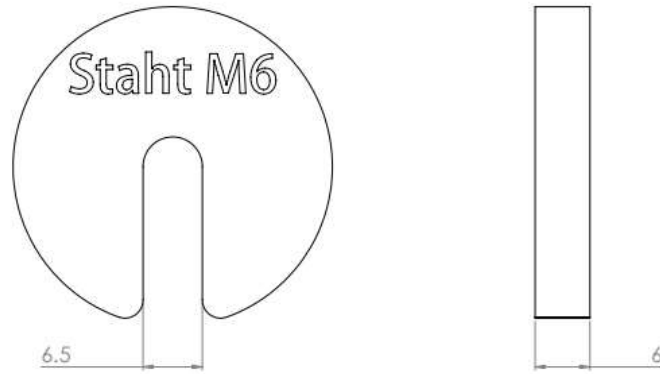
Weight	0.104 kg / 0.229 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 116_(v1)

Part Number 102-059

M6 Slotted Washer

Staht™



Application –For use with the Tool Adaptor Jaw when testing headed bolts.

Specification

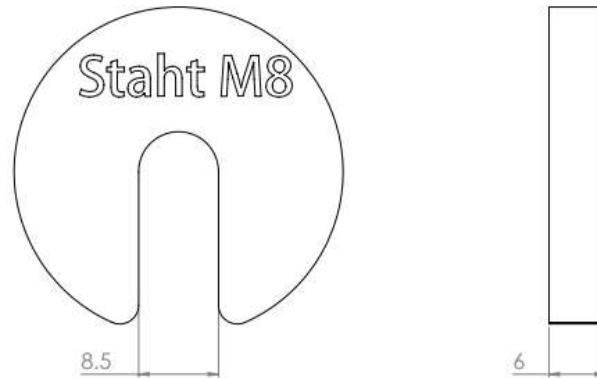
Weight	0.038 kg / 0.084 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 117_(v1)

Part Number 102-060

M8 Slotted Washer

Staht™



Application –For use with the Tool Adaptor Jaw when testing headed bolts.

Specification

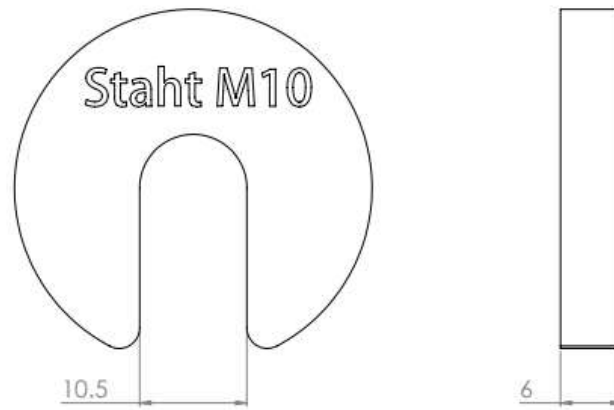
Weight	0.036 kg / 0.079 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 118_(v1)

Part Number 102-061

M10 Slotted Washer

Staht™



Application –For use with the Tool Adaptor Jaw when testing headed bolts.

Specification

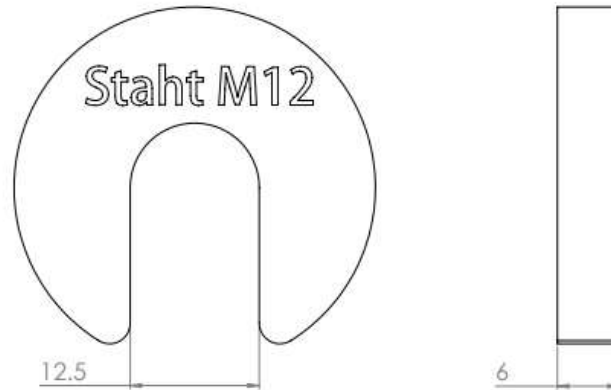
Weight	0.034 kg / 0.075 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 119_(v1)

Part Number 102-062

M12 Slotted Washer

Staht™



Application –For use with the Tool Adaptor Jaw when testing headed bolts.

Specification

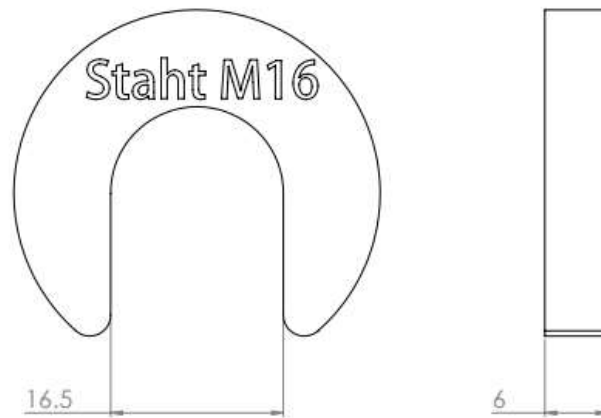
Weight	0.029 kg / 0.064 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 120_(v1)

Part Number 102-063

M16 Slotted Washer

Staht



Application –For use with the Tool Adaptor Jaw when testing headed bolts.

Specification

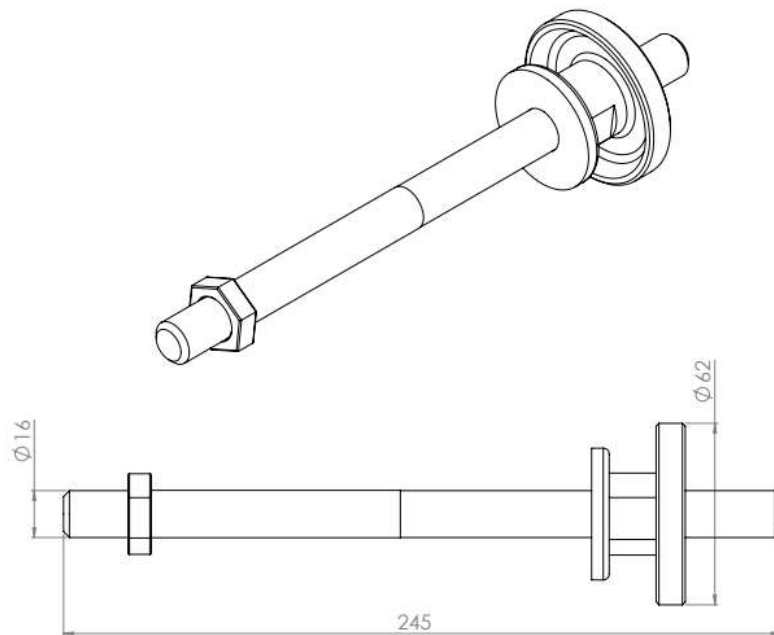
Weight	0.026 kg / 0.057 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 121_(v1)

Part Number 600-008

Drop Rod & Nut

Ståht™



Application – For use with the 60kN Digital Tensile Tester.

Specification

Weight	0.604 kg / 1.33 lbs
Material	Steel
Finish	Zinc

Technical Datasheet No : 122_(v1)

Part Number 102-095

Ratchet 3/8" Drive

Staht™



Application – For use with the 60kN Digital Tensile Tester.

Specification

Weight	0.282 kg / 1.33 lbs
Material	Steel / Rubber
Dimensions	180mm Long, 3/8" Drive
Finish	Chrome / Natural