



High-grade tension rod systems and compression rods for buildings and civils

Specification texts for BESISTA® 540

Please note: Permanently hot-dip galvanized rod threads are a speciality of BESISTA®. The quality of hot-dip galvanized threads is far superior to brushed, sprayed or encapsulated black threads. The inspection hole in the rod anchors, which is unique to BESISTA®, permits 100% inspection of the thread screw-in depth. Hence, unlike with other systems, no cover sleeves are needed.

Our tension rods are made of S540N, a high-quality modified S460N with a guaranteed yield strength of 540 N/mm².

Please always specify: the limit tensile forces $N_{R,d}$ in kN, the system lengths, the desired surface finish - whether black or hot-dip galvanized.

Tension rod systems

BESISTA® 540 tension rod systems by BESISTA International GmbH, DE 73087 Bad Boll, info@besista.com, Material combination, consisting of **2 rod anchors** with pins and locking rings and **1 tension rod made of S540N**, with left-hand and right-hand thread. with cover sleeves without cover sleeves
 black hot-dip galvanized with h.-d. galv. threads determined for: tensile force elongation
 $N_{R,d}$ kN Size M (Ø) System length Quantity €

Tension rod systems with circular discs

BESISTA® 540 tension rod systems by BESISTA International GmbH, DE 73087 Bad Boll, info@besista.com, Material combination, consisting of **8 rod anchors** with pins and locking rings, **1 circular disc, 4 tension rods** made of **S540N**, with left-hand and right-hand thread (the system length extends over the entire diagonal). smallest crossing angle° with cover sleeves without cover sleeves
 black hot-dip galvanized with h.-d. galv. threads determined for: tensile force elongation
 $N_{R,d}$ kN Size M (Ø) System length Quantity €

Tension rod systems with cross anchors

BESISTA® 540 tension rod systems by BESISTA International GmbH, DE 73087 Bad Boll, info@besista.com, Material combination, consisting of **4 rod anchors** with pins and locking rings, **1 cross anchor, 3 tension rods** made of **S540N**, with left-hand and right-hand thread (the system length extends over the entire diagonal). smallest crossing angle° with cover sleeves without cover sleeves
 black hot-dip galvanized with h.-d. galv. threads determined for: tensile force elongation
 $N_{R,d}$ kN Size M (Ø) System length Quantity €

Compression rod systems with compression rod connections

BESISTA® 540 compression rod systems by BESISTA International GmbH, DE 73087 Bad Boll, info@besista.com, consisting of **2 rod anchors with special pin** and locking rings, **2 compression rod connections** made of **S355 for timber rods or as machined components for welding to tubes** made of **S355, Ø, wall thickness**, with left-hand and right-hand thread. black hot-dip galvanized with hot-dip galvanized threads
 $N_{R,d}$ kN Size M (Ø) System length Quantity €

Compression rod systems with machined rods

BESISTA® 540 compression rod systems by BESISTA International GmbH, DE 73087 Bad Boll, info@besista.com, consisting of **2 rod anchors with special pin** and locking rings, **1 compression rod of rod diameter, machined to thread size M**, made of **S540N**, with left-hand and right-hand thread.
 black hot-dip galvanized with hot-dip galvanized threads
 $N_{R,d}$ kN Size M (Ø) System length Quantity €