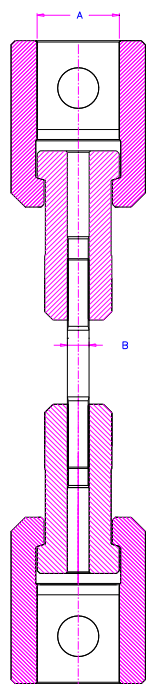


Thread Head Grip

Standard grip for testing threaded fasteners such as screws, bolts, studs, etc.

Testing of full threaded studs



TH179-A-EB



Examples for threaded inserts:



Insert holder Item number	A: coupling	Threaded insert Item number	B: thread Ø	Max force in combination
TH179-159-GT	15.9 mm	TH179-159-Ex	3 – 8 mm	20 kN
TH179-20-GT	20 mm	TH179-159-Ex	3 – 8 mm	20 kN
TH179-30-GT	30 mm	TH179-30-Ex	3 – 16 mm	50 kN
TH179-318-GT*	31.8 mm	TH179-318-Ex	3 – 16 mm	50 kN
TH179-32-GT	32 mm	TH179-318-Ex	3 – 16 mm	50 kN
TH179-36-GT	36 mm	TH179-318-Ex	3 – 16 mm	50 kN
TH179-38-GT	38 mm	TH179-318-Ex	3 – 16 mm	100 kN
TH179-40-GT	40 mm	TH179-40-Ex	3 – 22 mm	100 kN
TH179-50-GT	50 mm	TH179-50-Ex	3 – 22 mm	200 kN
TH179-60-GT	60 mm	TH179-60-Ex	3 – 33 mm	250 kN
TH179-70-GT	70 mm	TH179-70-Ex	3 – 32 mm	400 kN

*Also available as open version test with 50 kN (item nr. **TH179-318-o**)
 elastic deformation of gap with 50 kN is 0.1 mm, see video <https://youtu.be/aPGXUzkIj6E>

We recommend using a ring from 50 kN to 100 kN

Ordering information

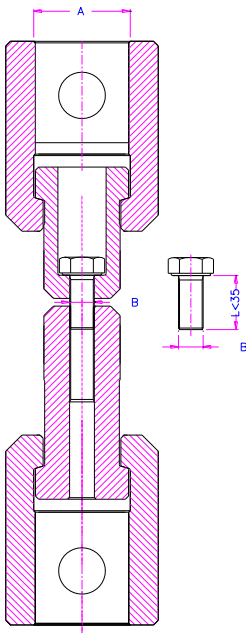
TH179 holders and inserts are supplied as a pair, but can also be ordered separately (0.5 pair).

Testing of short cap screws

Item no.:

TH179-A-EKB

A = coupling size
B = screw Ø, according to customer requirements



TH179-A-EKB



TH179-EK inserts



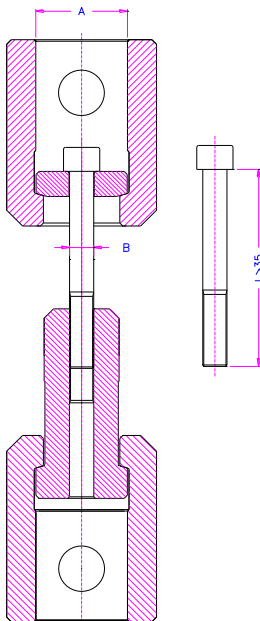
TH179-EK3

Special version to test long cap screws

Item no.:

TH179-A-EPB

A = coupling size
B = thread Ø, according to customer requirements



TH179-A-EPB



Washer

Appendix



Insert holder
TH179-159

Threaded insert
TH179-159-EM6

Threaded insert with a specimen

TH179 holder and insert weights:

Insert holder:	Weight:
TH179-159-GT (5/8")	83 g
TH179-20-GT	108 g
TH179-30-GT	490 g
TH179-318-GT (10/8")	563 g
TH179-32-GT	554 g
TH179-36-GT	725 g
TH179-38-GT	695 g
TH179-40-GT	780 g
TH179-50-GT	1900 g
TH179-60-GT	4400 g

Threaded inserts for TH179-159 holder:	Weight:
TH179-159-EM2	25 g
TH179-159-EM3	26 g
TH179-159-EM4	27 g
TH179-159-EM5	25 g
TH179-159-EM6	23 g
TH179-159-EM8	21 g
TH179-159-EM10	15 g

Threaded inserts for TH179-30 holder:	Weight:
TH179-30-EM5	226 g
TH179-30-EM6	222 g
TH179-30-EM8	218 g
TH179-30-EM10	214 g
TH179-30-EM16	153 g

Threaded inserts for TH179-318, -32, -36/18, -38/16 holder:	Weight:
TH179-318-EM3	213 g
TH179-318-EM4	222 g
TH179-318-EM5	225 g
TH179-318-EM6	230 g
TH179-318-EM8	228 g
TH179-318-EM10	217 g
TH179-318-EM12	212 g
TH179-318-EM14	200 g
TH179-318-EM16	185 g
TH179-318-EM16	150 g
TH179-317-E1/4-20UNC	228 g

TH179-318-E3/8-24UNF	217 g
TH179-318-E1/2-20	190 g
TH179-318-E3/4-10UNC	150 g

Threaded inserts for TH179-40 holder:	Weight:
TH179-40-EM6	295 g
TH179-40-EM8	302 g
TH179-40-EM10	295 g
TH179-40-EM12	280 g
TH179-40-EM16	330 g

Threaded inserts for TH179-50 holder:	Weight:
TH179-50-EM5	747 g
TH179-50-EM6	730 g
TH179-50-EM8	740 g
TH179-50-EM10	723 g
TH179-50-EM12	730 g
TH179-50-EM14	731 g
TH179-50-EM16	700 g
TH179-50-EM18	680 g
TH179-50-EM20	630 g

Threaded inserts for TH179-60 holder:	Weight:
TH179-60-EM6	1440 g
TH179-60-EM8	1436 g
TH179-60-EM10	1480 g
TH179-60-EM12	1665 g
TH179-60-EM14	1570 g
TH179-60-EM16	1543 g
TH179-60-EM18	1550 g
TH179-60-EM20	1500 g
TH179-60-EM24	1415 g
TH179-60-EM33x2	

Threaded inserts for TH179-70 holder:	Weight:
TH179-70-EM10	2575 g
TH179-70-EM18	2440 g