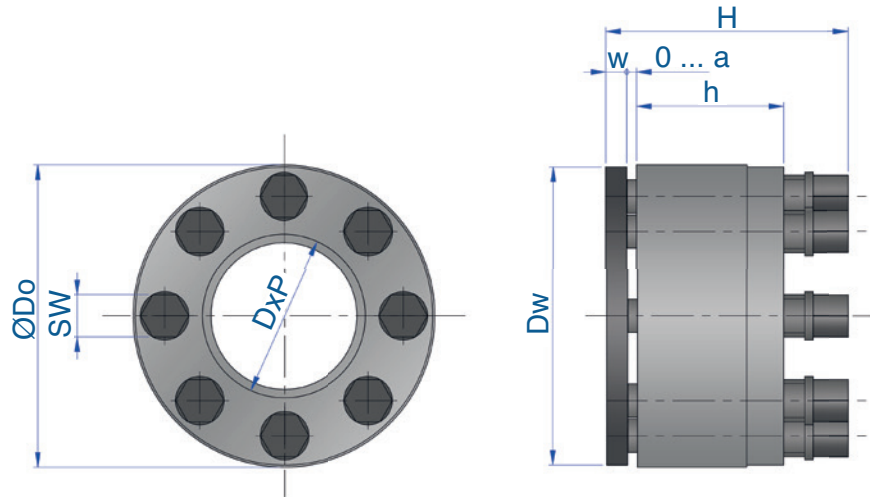


STRENGTH CLASS 8



type	nut body			pressure bolts		washer		tension nut		torque	preload	
	thread DxP	outer-Ø D _o mm	height h mm	quantity n	wrench/ socket size. SW mm	Ø D _w mm	thickness w mm	total height H mm	tensioning stroke a mm	nominal* M _A Nm	nominal** F _{Vnom} kN	maximum*** F _{Vmax} kN
HTM-M30x3,5/8	M30x3,5	56	28	9	8	55	5	50	5,5	47	305	360
HTM-M33x3,5/8	M33x3,5	59	28	10	8	58	5	50	5,5	52	375	445
HTM-M36x4/8	M36x4	69	35	7	10	68	5	60	7,5	97	440	525
HTM-M39x4/8	M39x4	72	35	8	10	71	5	60	7,5	101	525	625
HTM-M42x4,5/8	M42x4,5	75	35	9	10	74	5	60	7,5	105	615	720
HTM-M45x4,5/8	M45x4,5	84	42	8	12	83	6	73	9,5	150	710	840
HTM-M48x5/8	M48x5	87	42	9	12	86	6	73	9,5	150	800	945
HTM-M52x5/8	M52x5	91	42	10	12	90	6	73	9,5	155	930	1125
HTM-M56x5,5/8	M56x5,5	102	52	8	14	101	8	87	10,5	270	1090	1300
HTM-M60x5,5/8	M60x5,5	106	52	9	14	105	8	87	10,5	280	1275	1500
HTM-M64x6/8	M64x6	110	52	10	14	109	8	87	10,5	280	1420	1665
HTM-M68x6/8	M68x6	120	64	9	16	119	8	104	12,5	335	1640	1930
HTM-M72x6/8	M72x6	124	64	10	16	123	8	104	12,5	340	1850	2145
HTM-M76x6/8	M76x6	128	64	12	16	127	8	104	12,5	320	2085	2490

* Tightening torque for each pressure bolt. Tightening torque and pre-load are proportional, i.e. half the tightening torque results in half the pre-load.

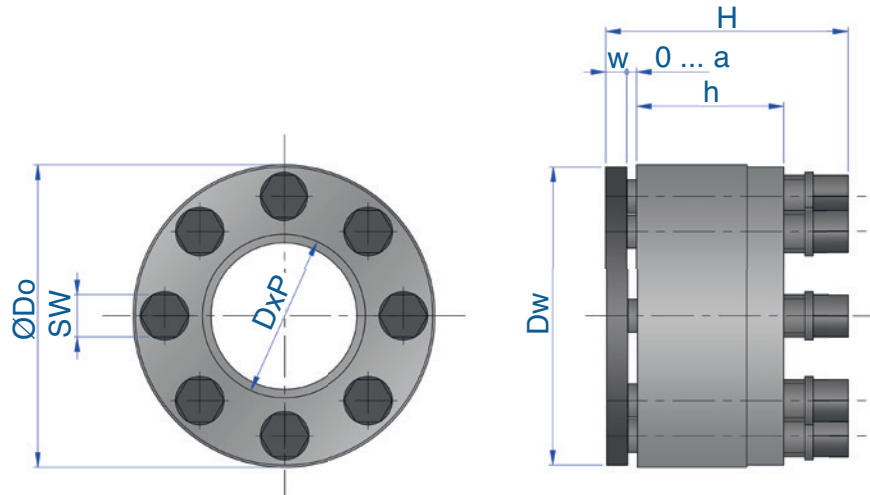
** approx. 2/3 of the ultimate tensile load of the bolt from strength class 8.8

*** approx. elasticity limit of a bolt from strength class 8.8

HEICO-TEC tension nuts are available in sizes from M30 to M76. Strength classes comply with ISO 898-2. Other strength classes, bolt sizes, thread types, and thread pitches are available on request. All HEICO-TEC tension nuts can be ordered with a zinc coating to ensure greater protection against corrosion. Additional corrosion-resistant coatings and alloys are available on request.

For more information about HEICO-TEC tension nuts, visit www.heico-tec.de/downloads

STRENGTH CLASS 10



type	nut body			pressure bolts		washer		tension nut		torque	preload	
	thread DxP	outer-Ø D ₀ mm	height h mm	quantity n	wrench/ socket size. SW mm	Ø D _w mm	thickness w mm	total height H mm	tensioning stroke a mm	nominal* M _A Nm	nominal** F _{Vnom} kN	maximum*** F _{Vmax} kN
HTM-M30x3,5/10	M30x3,5	56	28	12	8	55	5	50	5,5	49	425	505
HTM-M33x3,5/10	M33x3,5	66	33	8	10	65	5	56	5,5	100	520	625
HTM-M36x4/10	M36x4	69	35	10	10	68	5	60	7,5	95	615	740
HTM-M39x4/10	M39x4	72	35	12	10	71	5	60	7,5	94	730	880
HTM-M42x4,5/10	M42x4,5	81	40	10	12	80	6	69	7,5	140	830	1010
HTM-M45x4,5/10	M45x4,5	84	42	11	12	83	6	73	9,5	150	975	1180
HTM-M48x5/10	M48x5	88	42	12	12	87	6	73	9,5	155	1100	1330
HTM-M52x5/10	M52x5	98	50	11	14	97	8	84	9,5	235	1305	1585
HTM-M56x5,5/10	M56x5,5	102	52	12	14	101	8	87	10,5	250	1515	1830
HTM-M60x5,5/10	M60x5,5	110	52	13	14	109	8	87	10,5	270	1775	2130
HTM-M64x6/10	M64x6	116	60	12	16	115	8	100	12,5	310	2020	2420
HTM-M68x6/10	M68x6	120	64	13	16	119	8	104	12,5	325	2295	2750
HTM-M72x6/10	M72x6	134	64	12	18	133	10	103	12,5	505	2600	3120
HTM-M76x6/10	M76x6	138	72	13	18	137	10	112	13,5	525	2925	3510

* Tightening torque for each pressure bolt. Tightening torque and pre-load are proportional, i.e. half the tightening torque results in half the pre-load.

** approx. 3/4 of the ultimate tensile load of a bolt from strength class 10.9

*** approx. elasticity limit of a bolt from strength class 10.9

HEICO-TEC tension nuts are available in sizes from M30 to M76. Strength classes comply with ISO 898-2. Other strength classes, bolt sizes, thread types, and thread pitches are available on request. All HEICO-TEC tension nuts can be ordered with a zinc coating to ensure greater protection against corrosion. Additional corrosion-resistant coatings and alloys are available on request.

For more information about HEICO-TEC tension nuts, visit www.heico-tec.de/downloads