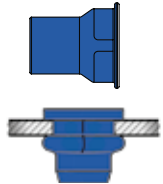







BLIND RIVET NUTS STEEL

Material: Steel, zinc-plated

Square bodied Standard

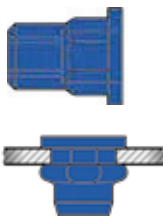
Dome head









D	D x L mm	 mm	No.	
M 5  SW7.1 + 0.1	7 x 12	0.5 - 3.0	146 4921	A 500
M 6  SW9.1 + 0.1	9 x 15.5	0.5 - 3.0	146 4922	A 250
M 8  SW11.1 + 0.1	11 x 17	0.5 - 3.0	146 4923	A 100

Half hexagonal Standard

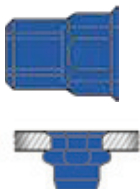
Dome head









D	D x L mm	 mm	No.	
M 4  SW6 + 0.1	6 x 11.0	0.5 - 2.0	145 5377	A 500
M 5  SW7 + 0.1	7 x 12.0	0.5 - 3.0	145 5378	A 500
M 6  SW9 + 0.1	9 x 15.5	0.5 - 3.0	145 5379	A 250
M 8  SW11 + 0.1	11 x 17.0	0.5 - 3.0	143 3716	A 100

Half hexagonal Small head

Small head



D	D x L mm	 mm	No.	
M 4  SW6 + 0.1	6 x 11.0	0.5 - 2.0	145 5380	A 500
M 5  SW7 + 0.1	7 x 12.5	0.5 - 3.0	145 5381	A 500
M 6  SW9 + 0.1	9 x 15.5	0.5 - 3.0	145 5382	A 250
M 8  SW11 + 0.1	11 x 17.0	0.5 - 3.0	145 5383	A 100



The maximum tightening torque and the threaded breaking force and shear strengths for all blind rivet nuts can be found on **page 182**. For head diameters, please report to **page 193**.

TECHNICAL DATA

SCHEMATIC LAYOUT FOR THE TORQUE TEST

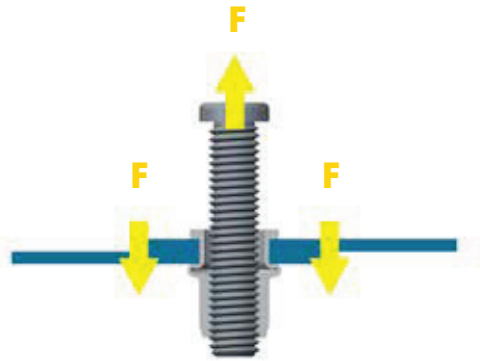
The tightening torque [(Nm) or (lb-ft)] specifies the maximum torque with which the screw can be tightened.

For testing, GESIPA® uses screws of the strength class 10.9 or higher that are free of all lubricants. A hardened washer is used as the clamping part. The test is carried out in the lower and the upper clamping range, where the blind rivet nuts are loaded with the specified torque. Then the screw is screwed out again.



SCHEMATIC LAYOUT FOR THE THREAD TEAR-OUT TEST

The maximum bearable axial load on the thread is the thread breaking force [(N) and (kp)]. GESIPA® uses screws of the strength class 10.9 or higher that are free of all lubricants for the test. The test takes place in the lower and upper clamping range.



The thread must still turn smoothly in order to pass the test. Then the blind rivet nut is loaded again up to the overtorque.

THE TIGHTENING TORQUE (NM) AND (LB-FT)

	Alu		Steel		Stainless steel A2 / A4 / Monel®	
	Nm	(lb-ft)	Nm	(lb-ft)	Nm	(lb-ft)
M4	2.5	1.8	3.0	2.2	5.5	4.1
M5	5.0	3.7	8.0	5.9	14.0	10.3
M6	9.5	7.0	12.0	8.9	27.0	19.9
M8	17.5	12.9	30.0	22.1	40.0	29.5
M10	28.0	20.7	38.0	28.0	-	-

THREAD BREAKING FORCE (N) AND (KP)

	Alu		Steel		Stainless steel A2 / A4 / Monel®	
	N	(kp)	N	(kp)	N	(kp)
M4	4,800	489	8,000	815	10,000	1,019
M5	5,700	581	11,500	1,172	15,000	1,529
M6	9,500	968	18,000	1,836	> 25,000	2,548
M8	13,000	1,325	28,000	2,853	> 30,000	3,057
M10	14,000	1,427	30,000	3,057	-	-