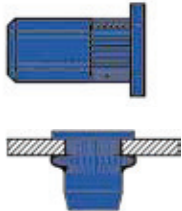









BLIND RIVET NUTS STEEL SPLINED Material: Steel, zinc-plated

Standard










D	D x L mm	 mm	No.	
M 4  6.1 mm	6 x 11.0	0.25 - 3.0	143 3703	A 500
	6 x 13.0	2.5 - 4.5	145 5362	"
M 5  7.1 mm	7 x 11.5	0.25 - 3.0	143 3704	A 500
	7 x 13.5	2.5 - 5.0	143 3705	"
M 6  9.1 mm	9 x 15.5	0.25 - 3.5	143 3706	A 250
	9 x 18.0	3.0 - 5.5	145 5363	"
	9 x 21.0	5.5 - 8.0	145 0364**	A 200
M 8  11.1 mm	11 x 17.0	0.25 - 3.5	143 3707	A 100
	11 x 20.0	3.0 - 6.0	143 3708*	"
	11 x 21.5	6.0 - 9.0	145 0366*	"
M 10  12.1 mm	12 x 17.5	0.25 - 3.5	143 3709	A 100
	12 x 20.5	3.0 - 6.0	143 3710	"

*Cannot be used with the standard mandrel + nosepiece. A longer mandrel + nosepiece, or a conversion kit for DIN screws, is needed for this, page 231, 243, 249, 251 and page 215/216 (**does not apply to GMB 40-R /GBM 50)

Small head










D	D x L mm	 mm	No.	
M 4  6.1 mm	6 x 12.0	0.25 - 3.0	143 3711	A 500
	M 5  7.1 mm	7 x 12.5	0.25 - 3.0	143 3712
M 6  9.1 mm	9 x 15.5	0.25 - 3.5	143 3713	A 250
	9 x 19.0	3.5 - 5.5	145 0368	"
	9 x 22.0	5.5 - 8.0	145 0369**	"
M 8  11.1 mm	11 x 17.0	0.25 - 3.5	143 3714	A 100
	11 x 21.0	3.5 - 5.5	145 0370*	"
	11 x 23.0	5.5 - 9.0	145 0371*	"
M 10  12.1 mm	12 x 18.0	1.5 - 4.5	146 4890	A 100
	12 x 20.0	4.0 - 6.5	146 4889	"

*Cannot be used with the standard mandrel + nosepiece. A longer mandrel + nosepiece, or a conversion kit for DIN screws, is needed for this, page 231, 243, 249, 251 and page 215/216 (**does not apply to GMB 40-R /GBM 50)

BLIND RIVET NUTS STEEL SPLINED Material: Steel, zinc-plated

Countersunk (90°)



D	D x L mm	 mm	No.	
M 4  6.1 mm	6 x 12.0	1.5 - 3.5	145 5365	A 500
	6 x 13.5	3.0 - 5.0	145 5366	"
M 5  7.1 mm	7 x 13.5	1.5 - 4.0	145 5367	A 500
	7 x 15.5	3.5 - 6.0	145 5368	"
M 6  9.1 mm	9 x 17.0	1.5 - 4.5	145 5369	A 250
	9 x 19.0	4.0 - 6.5	145 5370	"
	9 x 23.0	6.5 - 9.0	145 0372**	A 200
M 8  11.1 mm	11 x 18.5	1.5 - 4.5	143 3715	A 100
	11 x 20.5	4.0 - 6.5	145 5371*	"
	11 x 23.0	6.5 - 9.0	145 0373*	"
M 10  12.1 mm	12 x 19.0	1.5 - 4.5	145 5372	A 100
	12 x 21.0	4.0 - 6.5	145 5373	"

*Cannot be used with the standard mandrel + nose piece. A longer mandrel + nose piece, or a conversion kit for DIN screws, is needed for this, page 231, 243, 249, 251 and page 215/216 (**does not apply to GMB 40-R /GBM 50)



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

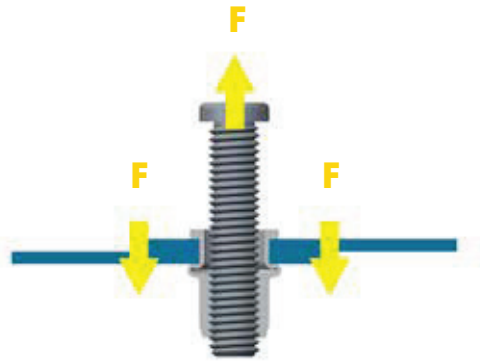
The tightening torque [(Nm) or (lb-ft)] specifies the maximum torque with which the screw can be tightened.

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	-	-