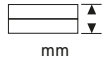


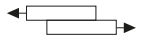


G-Speed® is available in a large number of versions
The individual properties are shown in the following table of possible combinations

Head shape	Material	D mm	D x L mm	 mm	Number of rivets on mandrel ± 1 Dome head	Number of rivets on mandrel ± 1 Countersunk head	
Dome head / Countersunk	Alu/Steel	3.0	3.0 x 2.5	1.0 - 1.5	81	115	30,000
			3.0 x 4.0	1.0 - 3.0	57	75	20,000
			3.0 x 5.5	1.0 - 4.5	45	55	15,000
			3.0 x 7.0	1.0 - 6.0	37	43	12,500
			3.0 x 8.5	1.0 - 7.5	31	35	10,000
			3.0 x 10.0	1.0 - 9.0	27	26	10,000
		3.2	3.2 x 2.5	1.0 - 1.5	81	115	30,000
			3.2 x 10.0	1.0 - 9.0	27	30	10,000
			3.2 x 11.5	1.0 - 10.5	23	26	10,000
			3.2 x 13.0	1.0 - 12.0	21	23	10,000
		4.0	4.0 x 2.5	1.0 - 1.5	85	115	30,000
			4.0 x 10.0	1.0 - 9.0	27	30	10,000
			4.0 x 11.5	1.0 - 10.5	23	26	10,000
			4.0 x 13.0	1.0 - 12.0	21	23	7,500 / 10,000
		4.8	4.8 x 2.5	1.0 - 1.5	75	115	20,000 / 30,000
			4.8 x 10.0	1.0 - 9.0	26	30	7,500 / 10,000
			4.8 x 11.5	1.0 - 10.5	23	26	7,500
			4.8 x 13.0	1.0 - 12.0	20	23	5,000 / 7,500
			4.8 x 14.5	1.0 - 13.5	18	20	5,000
			4.8 x 16.0	1.0 - 15.0	17	18	5,000

Example: Countersunk head– Steel 3.0 x 10.0 mm

SHEAR STRENGTH G-SPEED® *

D mm	 N Alu	 N Steel	max. k mm	max. d _k mm
DOME HEAD ALU AND STEEL				
3.0	630	1,060	1.2	5.5
3.2	900	1,400	1.2	5.5
4.0	1,600	2,400	1.5	6.5
4.8	2,000	3,200	1.5	8.9
COUNTERSUNK HEAD ALU AND STEEL				
3.0	630	1,060	1.0	5.5
3.2	900	1,400	1.0	5.7
4.0	1,600	2,400	1.0	6.7
4.8	2,000	3,200	1.4	9.1

D = Rivet body Ø
k = Height of head
d_k = Setting head Ø

*Typical data,
measured at the longest
rivet body length