



合漢企業股份有限公司 HAO HANN ENTERPRISE CO., LTD.
和漢機械股份有限公司 HER HANN MACHINERY CO., LTD.

OFFICE:

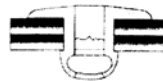
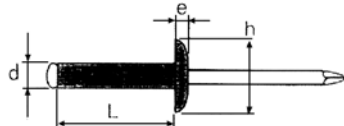
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A ALUMINIUM ALLOY ALMG2.5-5052 WITH ZINC COATED STEEL MANDREL Aluminium Legierung mit Nietdor aus Stahl Verzinkt Alliage Aluminium avec Clou Acier					D DOME HEAD Flachrundkopt Tete Plate			
6.4 (1/4") 0.25	6.5 0.256"	10.0 12.0 14.0 16.0 18.0 20.0 22.0 25.0 30.0 35.0 40.0	1.5 - 3.5 3.5 - 5.5 5.5 - 7.5 7.5 - 9.5 9.5 - 11.5 11.5 - 13.5 13.5 - 15.5 15.5 - 18.5 18.5 - 23.5 23.5 - 28.5 28.5 - 33.5	A64100D A64120D A64140D A64160D A64180D A64200D A64220D A64250D A64300D A64350D A64400D	12.8 0.504	1.8 0.07	305 672	405 893

LARGE AND EXTRA LARGE HEAD- is used for soft or brittle top sheet, requiring a wide bearing surface.



A ALUMINIUM ALLOY ALMG2.5-5052 WITH ZINC COATED STEEL MANDREL Aluminium Legierung mit Nietdor aus Stahl Verzinkt Alliage Aluminium avec Clou Acier					L LARGE HEAD Grosser Flachrundkopf Tete large			
RIVET Ø Niet Rivet	DRILL Ø Bohrloch Perceage	NOM. RIVET LENGTH L	GRIP RANGE Klemmlänge Epaisseur a river	RIVET CODE Bestell Nr. Reference	NOM. HEAD DIA h	NOM. HEAD HEIGHT e	TYPICAL SHEAR STRENGTH Scherfestigkeit Res. Cisaillement	TYPICAL TENSILE STRENGTH Zugfestigkeit Res. Arrachement
mm inch	mm inch	mm	mm		mm inch	mm inch	kgf Lbs	kgf Lbs
3.2 (1/8) 0.125"	3.3 #30	8.0	2.5 - 4.5	A32080L	9.5 0.374	1.2 0.0047	75 165	100 220
		10.0	4.5 - 6.5	A32100L				
		12.0	6.5 - 8.5	A32120L				
		14.0	8.5 - 10.5	A32140L				
		16.0	10.5 - 12.5	A32160L				
4.0 (5/32") 0.156	4.1 #20	8.0	1.5 - 3.5	A40080L	12 0.472	1.5 0.059	100 220	160 353
		10.0	3.5 - 5.5	A40100L				
		12.0	5.5 - 7.5	A40120L				
		14.0	7.5 - 9.5	A40140L				
		16.0	9.5 - 11.5	A40160L				
		18.0	11.5 - 13.5	A40180L				
		20.0	13.5 - 15.5	A40200L				
		22.0	15.5 - 17.5	A40220L				
4.8 (3/16") 0.187	4.9 #11	10.0	3.0 - 5.0	A48100L	14 0.551	1.7 0.067	150 331	220 485
		12.0	5.0 - 7.0	A48120L				
		14.0	7.0 - 9.0	A48140L				
		16.0	9.0 - 11.0	A48160L				
		18.0	11.0 - 13.0	A48180L				
		20.0	13.0 - 15.0	A48200L	15.8 0.622	1.8 0.07		
		22.0	15.0 - 17.0	A48220L				
		25.0	17.0 - 20.0	A48250L				

A ALUMINIUM ALLOY ALMG2.5-5052 WITH ZINC COATED STEEL MANDREL Aluminium Legierung mit Nietdor aus Stahl Verzinkt Alliage Aluminium avec Clou Acier					X EXTRA LARGE HEAD EX. Grosser Flachrundkopf Tete Extra Large			
4.8 (3/16") 0.187	4.9 #11	12.0 14.0 16.0 18.0 20.0 22.0 25.0	5.0 - 7.0 7.0 - 9.0 9.0 - 11.0 11.0 - 13.0 13.0 - 15.0 15.0 - 17.0 17.0 - 20.0	A48120X A48140X A48160X A48180X A48200X A48220X A48250X	15.8 0.622	1.8 0.07	150 331	220 485