



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

HAMMER DRIVE RIVET



MATERIAL- STAINLESS STEEL

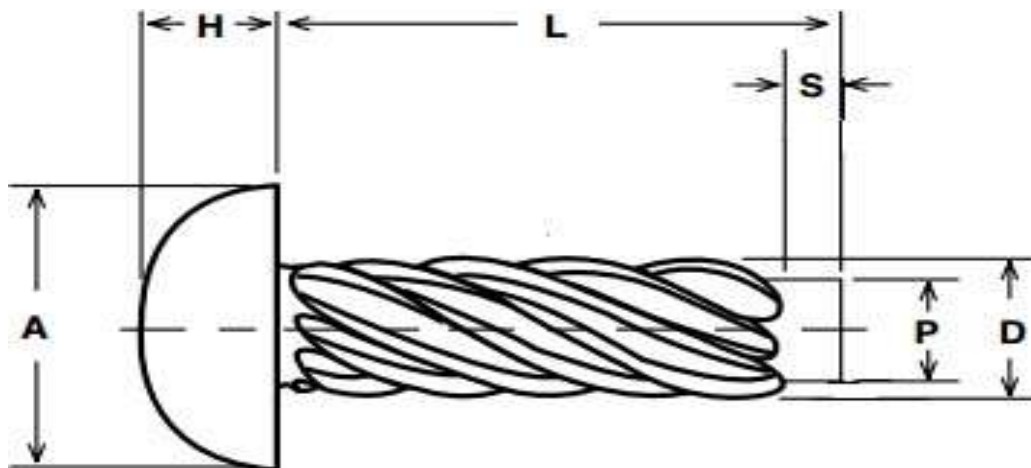
GRADE-SS304 (A2)

AS PER- IS:7519-1974/BS-4174

CATALOGUE NO. R4G51H

INSTALLATION GUIDE

- VERIFY THE RIVET SIZE, SHANK DIAMETER, LENGTH, AND HEAD TYPE MATCH THE APPLICATION REQUIREMENT.
- INSPECT THE RIVET FOR DAMAGE, DEFORMATION, OR CORROSION BEFORE INSTALLATION.
- ENSURE THE MATING MATERIAL THICKNESS IS WITHIN THE RECOMMENDED GRIP RANGE.
- DRILL THE MOUNTING HOLE TO THE SPECIFIED DIAMETER FOR THE RIVET SIZE.
- REMOVE ALL BURRS, DUST, AND DEBRIS FROM THE HOLE AND CONTACT SURFACES.
- ALIGN THE COMPONENTS AND ENSURE THE HOLES ARE PROPERLY MATCHED.
- INSERT THE HAMMER DRIVE RIVET INTO THE HOLE UNTIL THE HEAD SITS FLUSH AGAINST THE SURFACE.
- SUPPORT THE WORKPIECE ON A STABLE SURFACE BEFORE INSTALLATION.
- USE A SUITABLE HAMMER OR HAMMER DRIVE TOOL TO STRIKE THE DRIVE PIN SQUARELY.
- DRIVE THE PIN UNTIL IT IS FULLY SEATED, EXPANDING THE RIVET BODY TO SECURE THE ASSEMBLY.
- ENSURE THE RIVET HEAD REMAINS FLUSH AND THE PIN IS COMPLETELY DRIVEN INTO POSITION.
- DO NOT APPLY EXCESSIVE FORCE AFTER THE PIN IS FULLY SEATED.
- VERIFY THAT THE RIVET IS SECURE AND DOES NOT ROTATE OR MOVE AFTER INSTALLATION.
- CHECK THAT THE COMPONENTS ARE FIRMLY FASTENED WITH NO GAPS BETWEEN MATING SURFACES.
- INSPECT THE FINAL ASSEMBLY FOR PROPER EXPANSION, SECURE RETENTION, AND A CLEAN FINISH.



Parameter→	Body Diameter D		Head Diameter A		Head Height H		Pilot Hole Dia ≈ P	
ISO Size↓	Min	Max	Min	Max	Min	Max	Min	Max
00	1.42	1.54	2.26	2.54	0.64	0.88	1.17	1.30
0	1.81	1.92	2.97	3.26	1.02	1.26	1.52	1.80
2	2.44	2.56	3.68	4.16	1.48	1.78	2.03	2.20
4	2.82	2.98	4.86	5.40	1.88	2.21	2.34	2.55
6	3.42	3.58	6.04	6.65	2.28	2.66	2.84	3.10
8	4.08	4.28	7.25	7.90	2.68	3.09	3.35	3.70
10	4.46	4.66	8.48	9.18	3.08	3.53	3.71	4.10

Quote the PART NUMBER given below with your order/ inquiries:

All Dimensions in mm

Pilot length s	Size→ Length↓	00	0	2	4	6	8	10
0.50	2.4 (3/32")	R4G51H00204	R4G51H20204					
	3.2 (1/8")	R4G51H00302	R4G51H20302	R4G51H02302				
0.90	4.5 (3/16")	R4G51H00405	R4G51H20405	R4G51H02405	R4G51H04405	R4G51H06405		
1.20	6.5 (1/4")	R4G51H00605	R4G51H20605	R4G51H02605	R4G51H04605	R4G51H06605	R4G51H08605	
	8 (5/16")	R4G51H00008	R4G51H20008	R4G51H02008	R4G51H04008	R4G51H06008	R4G51H08008	R4G51H10008
1.60	9.5 (3/8")	R4G51H00905	R4G51H20905	R4G51H02905	R4G51H04905	R4G51H06905	R4G51H08905	R4G51H10905
	13 (1/2")	R4G51H00013	R4G51H20013	R4G51H02013	R4G51H04013	R4G51H06013	R4G51H08013	R4G51H10013
2.00	16 (5/8")		R4G51H20016	R4G51H02016	R4G51H04016	R4G51H06016	R4G51H08016	R4G51H10016
	19 (3/4")		R4G51H20019	R4G51H02019	R4G51H04019	R4G51H06019	R4G51H08019	R4G51H10019

Sizes in BLUE are non-preferred. Availability is limited and MOQ is applied

Data is strictly informative

Note: All Austenitic Stainless-Steel Fasteners may exhibit some Magnetic Properties due to the Manufacturing Process.

Refer: ISO 3506-2 Annex F