



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



8310165941 / 9959457863



sales@royalfastenersindia.com



www.royalfastenersindia.com



TECHNICAL DATA SHEET

PAN PHILLIPS CAPTIVE SCREW



MATERIAL- STAINLESS STEEL

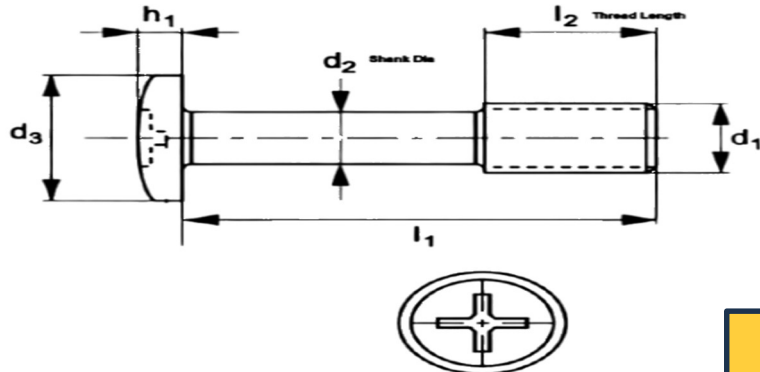
GRADE-SS304 (A4-70)

AS PER-NON-STANDARD

CATALOGUE NO. R6A47u

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF PAN PHILLIPS CAPTIVE SCREW AND MATCHING PHILLIPS SCREWDRIVER.
- ENSURE THE PANEL OR COMPONENT HAS THE PROPERLY SIZED RETAINING HOLE FOR CAPTIVE INSTALLATION.
- CLEAN THE HOLE AND MATING SURFACES TO REMOVE DUST, OIL, OR DEBRIS.
- INSERT THE CAPTIVE SCREW INTO THE PANEL HOLE SO THAT THE RETAINING WASHER OR SHOULDER ENGAGES SECURELY.
- VERIFY THAT THE SCREW MOVES FREELY WITHIN THE PANEL WITHOUT FALLING OUT.
- ALIGN THE PANEL OR COMPONENT WITH THE MATING PART OR THREADED INSERT.
- PLACE THE PHILLIPS SCREWDRIVER FIRMLY INTO THE CROSS SLOT OF THE SCREW HEAD.
- TURN THE SCREWDRIVER CLOCKWISE TO TIGHTEN THE SCREW INTO THE MATING THREAD.
- APPLY STEADY, CONTROLLED PRESSURE TO AVOID CAM-OUT OR DAMAGE TO THE SCREW HEAD.
- DO NOT OVERTIGHTEN TO PREVENT THREAD DAMAGE OR PANEL DEFORMATION.
- INSPECT THE FINAL INSTALLATION TO ENSURE THE CAPTIVE SCREW IS SECURE AND REMAINS RETAINED IN THE PANEL WHEN LOOSENED.



UNIFIED SERIES

Size d1	#2-56	#4-40	#6-32	#8-32	#10-24	#10-32 UNF	1/4"-20
Screw Dia d	0.086 (2.18)	0.112 (2.84)	0.138 (3.51)	0.164 (4.16)	0.19 (4.82)	0.19 (4.82)	0.25 (6.35)
d2 max	0.059 (1.50)	0.089 (2.25)	0.106 (2.70)	0.122 (3.10)	0.146 (3.70)	0.146 (3.70)	0.189 (4.80)
d2 min	0.050 (1.30)	0.078 (2.00)	0.094 (2.40)	0.110 (2.80)	0.133 (3.40)	0.133 (3.40)	0.177 (4.50)
l2 min mm	3.00	3.00	3.50	4.00	5.00	5.00	6.00
h1	0.062 (1.58)	0.08 (2.04)	0.097 (2.47)	0.115 (2.93)	0.133 (3.38)	0.133 (3.38)	0.175 (4.45)
d3	0.167 (4.24)	0.219 (5.56)	0.27 (6.86)	0.322 (8.18)	0.373 (9.48)	0.373 (9.48)	0.492 (12.50)

Quote the PART NUMBER given below with your order/ inquiries: All Dimensions in Inches (mm)

Dia→ Length↓	#2-56	#4-40	#6-32	#8-32	#10-24	#10-32 UNF	1/4"-20
1/4"	R6A47u25662	R6A47u44062	R6A47u63262	R6A47u83262			
5/16"	R6A47u25679	R6A47u44079	R6A47u63279	R6A47u83279	R6A47u12479	R6A47v13279	R6A47u62079
3/8"	R6A47u25691	R6A47u44091	R6A47u63291	R6A47u83291	R6A47u12491	R6A47v13291	R6A47u62091
1/2"	R6A47u25613	R6A47u44013	R6A47u63213	R6A47u83213	R6A47u12413	R6A47v13213	R6A47u62013
5/8"	R6A47u25615	R6A47u44015	R6A47u63215	R6A47u83215	R6A47u12415	R6A47v13215	R6A47u62015
3/4"	R6A47u25619	R6A47u44019	R6A47u63219	R6A47u83219	R6A47u12419	R6A47v13219	R6A47u62019
7/8"	R6A47u25623	R6A47u44023	R6A47u63223	R6A47u83223	R6A47u12423	R6A47v13223	R6A47u62023
1"	R6A47u25625	R6A47u44025	R6A47u63225	R6A47u83225	R6A47u12425	R6A47v13225	R6A47u62025
1 1/8"		R6A47u44028	R6A47u63228	R6A47u83228	R6A47u12428	R6A47v13228	R6A47u62028
1 1/4"		R6A47u44031	R6A47u63231	R6A47u83231	R6A47u12431	R6A47v13231	R6A47u62031
1 1/2"		R6A47u44038	R6A47u63238	R6A47u83238	R6A47u12438	R6A47v13238	R6A47u62038

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