



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

PAN PHILLIPS CAPTIVE SCREW



MATERIAL- STAINLESS STEEL

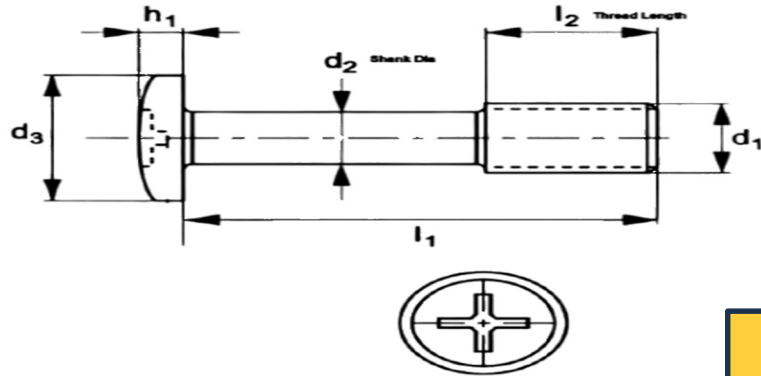
GRADE-SS304 (A2-70)

AS PER-NON-STANDARD

CATALOGUE NO. R4A47u

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"	R4A47u25662	R4A47u44062	R4A47u63262	R4A47u83262			
5/16"	R4A47u25679	R4A47u44079	R4A47u63279	R4A47u83279	R4A47u12479	R4A47v13279	R4A47u62079
3/8"	R4A47u25691	R4A47u44091	R4A47u63291	R4A47u83291	R4A47u12491	R4A47v13291	R4A47u62091
1/2"	R4A47u25613	R4A47u44013	R4A47u63213	R4A47u83213	R4A47u12413	R4A47v13213	R4A47u62013
5/8"	R4A47u25615	R4A47u44015	R4A47u63215	R4A47u83215	R4A47u12415	R4A47v13215	R4A47u62015
3/4"	R4A47u25619	R4A47u44019	R4A47u63219	R4A47u83219	R4A47u12419	R4A47v13219	R4A47u62019
7/8"	R4A47u25623	R4A47u44023	R4A47u63223	R4A47u83223	R4A47u12423	R4A47v13223	R4A47u62023
1"	R4A47u25625	R4A47u44025	R4A47u63225	R4A47u83225	R4A47u12425	R4A47v13225	R4A47u62025
1 1/8"		R4A47u44028	R4A47u63228	R4A47u83228	R4A47u12428	R4A47v13228	R4A47u62028
1 1/4"		R4A47u44031	R4A47u63231	R4A47u83231	R4A47u12431	R4A47v13231	R4A47u62031
1 1/2"		R4A47u44038	R4A47u63238	R4A47u83238	R4A47u12438	R4A47v13238	R4A47u62038

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