



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

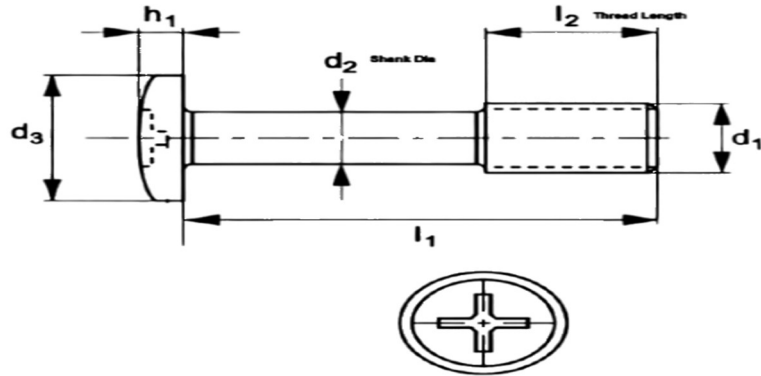
GRADE-SS304 (A2-70)

AS PER-NON-STANDARD

CATALOGUE NO. R4A47

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.



Parameter ↓	Size d1 →	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
d2 Max		1.50	1.90	2.30	3.00	3.90	4.60
d2 Min		1.30	1.70	2.10	2.80	3.70	4.40
l2 Min		3.00	3.00	3.00	4.00	5.00	6.00
h1		1.60	2.00	2.40	3.10	3.80	4.60
d3		4.00	5.00	6.00	8.00	10.00	12.00

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

All Dimensions in mm

Length h ↓	Size →	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
6		R4A4702006	R4A4720506	R4A4703006			
8		R4A4702008	R4A4720508	R4A4703008			
10		R4A4702010	R4A4720510	R4A4703010	R4A4704010		
12		R4A4702012	R4A4720512	R4A4703012	R4A4704012	R4A4705012	
14		R4A4702014	R4A4720514	R4A4703014	R4A4704014	R4A4705014	
16		R4A4702016	R4A4720516	R4A4703016	R4A4704016	R4A4705016	R4A4706016
18		R4A4702018	R4A4720518	R4A4703018	R4A4704018	R4A4705018	R4A4706018
20		R4A4702020	R4A4720520	R4A4703020	R4A4704020	R4A4705020	R4A4706020
22		R4A4702022	R4A4720522	R4A4703022	R4A4704022	R4A4705022	R4A4706022
25		R4A4702025	R4A4720525	R4A4703025	R4A4704025	R4A4705025	R4A4706025
30		R4A4702030	R4A4720530	R4A4703030	R4A4704030	R4A4705030	R4A4706030
35				R4A4703035	R4A4704035	R4A4705035	R4A4706035
40				R4A4703040	R4A4704040	R4A4705040	R4A4706040
45				R4A4703045	R4A4704045	R4A4705045	R4A4706045
50				R4A4703050	R4A4704050	R4A4705050	R4A4706050

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