



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

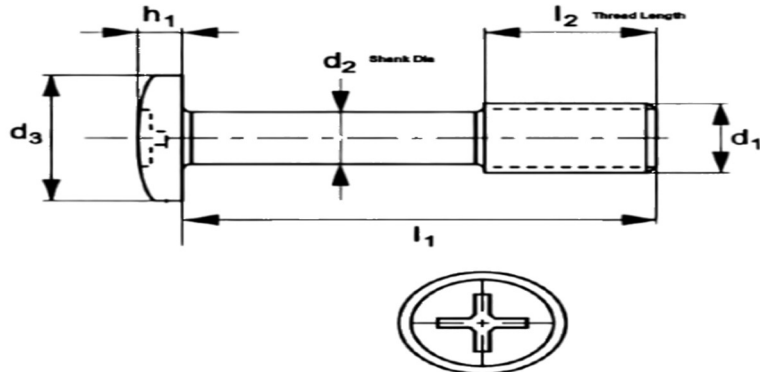
GRADE-SS316 (A4-70)

AS PER-NON-STANDARD

CATALOGUE NO. R6A47

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		R6A4702006	R6A4720506	R6A4703006			
8		R6A4702008	R6A4720508	R6A4703008			
10		R6A4702010	R6A4720510	R6A4703010	R6A4704010		
12		R6A4702012	R6A4720512	R6A4703012	R6A4704012	R6A4705012	
14		R6A4702014	R6A4720514	R6A4703014	R6A4704014	R6A4705014	
16		R6A4702016	R6A4720516	R6A4703016	R6A4704016	R6A4705016	R6A4706016
18		R6A4702018	R6A4720518	R6A4703018	R6A4704018	R6A4705018	R6A4706018
20		R6A4702020	R6A4720520	R6A4703020	R6A4704020	R6A4705020	R6A4706020
22		R6A4702022	R6A4720522	R6A4703022	R6A4704022	R6A4705022	R6A4706022
25		R6A4702025	R6A4720525	R6A4703025	R6A4704025	R6A4705025	R6A4706025
30		R6A4702030	R6A4720530	R6A4703030	R6A4704030	R6A4705030	R6A4706030
35				R6A4703035	R6A4704035	R6A4705035	R6A4706035
40				R6A4703040	R6A4704040	R6A4705040	R6A4706040
45				R6A4703045	R6A4704045	R6A4705045	R6A4706045
50				R6A4703050	R6A4704050	R6A4705050	R6A4706050

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