



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

### MICRO PAN PHILLIPS SCREW



MATERIAL- STAINLESS STEEL

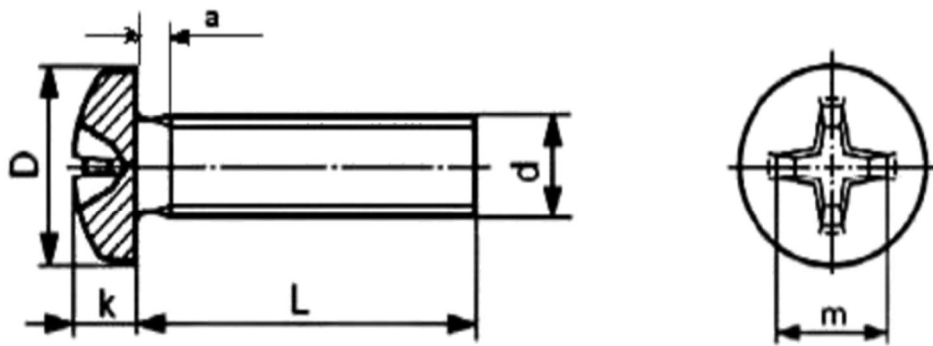
GRADE-SS316 (A4-70)

AS PER- DIN-7985

CATALOGUE NO. R6A01

### INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF PAN PHILLIPS MICRO SCREW AND MATCHING PRECISION PHILLIPS SCREWDRIVER.
- ENSURE THE MATING HOLE OR THREAD IS CLEAN AND FREE FROM DUST, OIL, OR DEBRIS.
- HANDLE THE MICRO SCREW WITH CARE USING TWEEZERS OR A MAGNETIC TOOL TO AVOID DROPPING.
- ALIGN THE COMPONENTS OR PARTS IN THEIR PROPER POSITION BEFORE INSTALLATION.
- INSERT THE MICRO SCREW INTO THE HOLE BY HAND OR USING A PRECISION TOOL TO START THREADING.
- PLACE THE PHILLIPS SCREWDRIVER FIRMLY INTO THE CROSS SLOT OF THE SCREW HEAD.
- TURN THE SCREWDRIVER CLOCKWISE GENTLY TO TIGHTEN THE SCREW.
- APPLY LIGHT AND CONTROLLED TORQUE TO AVOID DAMAGING THE THREADS OR MATERIAL.
- DO NOT OVERTIGHTEN, AS MICRO SCREWS ARE DELICATE AND MAY STRIP EASILY.
- VERIFY THAT THE SCREW HEAD IS EVENLY SEATED AND THE COMPONENT IS FIRMLY SECURED.
- INSPECT UNDER MAGNIFICATION IF NECESSARY TO ENSURE PROPER SEATING AND ALIGNMENT.



Parameter↓	Size→	M1x0.25	M1.2x0.25	M1.4x0.3	M1.6x0.35
Head Dia (dk)	Max	1.80	2.00	2.50	3.20
	Min	1.50	1.70	2.20	2.90
Head Thickness (k)	Max	0.70	0.70	0.85	1.42
	Min	0.50	0.50	0.65	1.18
Drive Size	m	1.20	1.20	1.40	1.80

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

All Dimensions in mm

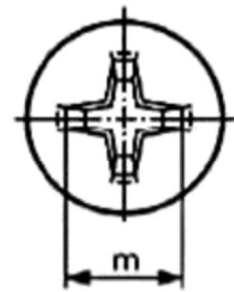
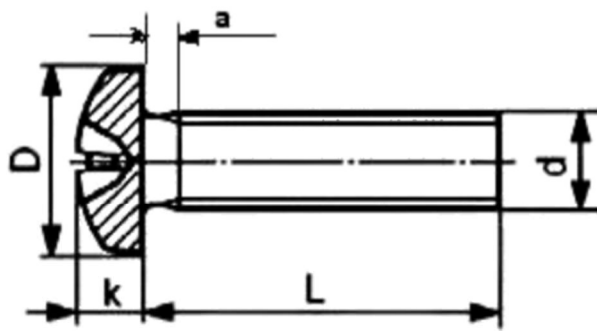
Parameter↓	Size→	M1x0.25	M1.2x0.25	M1.4x0.3	M1.6x0.35
2		R6A0101002	R6A0110202	R6A0110402	R6A0110602
3		R6A0101003	R6A0110203	R6A0110403	R6A0110603
4		R6A0101004	R6A0110204	R6A0110404	R6A0110604
5		R6A0101005	R6A0110205	R6A0110405	R6A0110605
6		R6A0101006	R6A0110206	R6A0110406	R6A0110606
8		R6A0101008	R6A0110208	R6A0110408	R6A0110608
10			R6A0110210	R6A0110410	R6A0110610
12				R6A0110412	R6A0110612
14					R6A0110614
16					R6A0110616
18					R6A0110618
20					R6A0110620

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



Parameter↓	Size→	M2x0.4	M2.2x0.45	M2.5x0.45	M2.6x0.45
Head Dia (dk)	Max	4.00	4.00	5.00	5.00
	Min	3.70	3.70	4.70	4.70
Head Thickness (k)	Max	1.72	1.50	2.12	1.70
	Min	1.48	1.50	1.88	1.70
Drive Size	m	2.50	2.70	2.70	9.00

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

All Dimensions in mm

Parameter↓	Size→	M2x0.4	M2.2x0.45	M2.5x0.45	M2.6x0.45
3		R6A0102003	R6A0120203	R6A0120503	
4		R6A0102004	R6A0120204	R6A0120504	
5		R6A0102005	R6A0120205	R6A0120505	
6		R6A0102006	R6A0120206	R6A0120506	
8		R6A0102008	R6A0120208	R6A0120508	R6A0120608
10		R6A0102010	R6A0120210	R6A0120510	R6A0120610
12		R6A0102012	R6A0120212	R6A0120512	R6A0120612
14		R6A0102014	R6A0120214	R6A0120514	R6A0120614
16		R6A0102016	R6A0120216	R6A0120516	R6A0120616
18		R6A0102018	R6A0120218	R6A0120518	R6A0120618
20		R6A0102020	R6A0120220	R6A0120520	R6A0120620
25		R6A0102025	R6A0120225	R6A0120525	R6A0120625
28		R6A0102028	R6A0120228	R6A0120528	R6A0120628
30		R6A0102030	R6A0120230	R6A0120530	R6A0120630
35		R6A0102035	R6A0120235	R6A0120535	R6A0120635
40		R6A0102040	R6A0120240	R6A0120540	R6A0120640
45		R6A0102045	R6A0120245	R6A0120545	R6A0120645
50		R6A0102050	R6A0120250	R6A0120550	R6A0120650

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