



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

MICRO PAN PHILLIPS SCREW



MATERIAL- STAINLESS STEEL

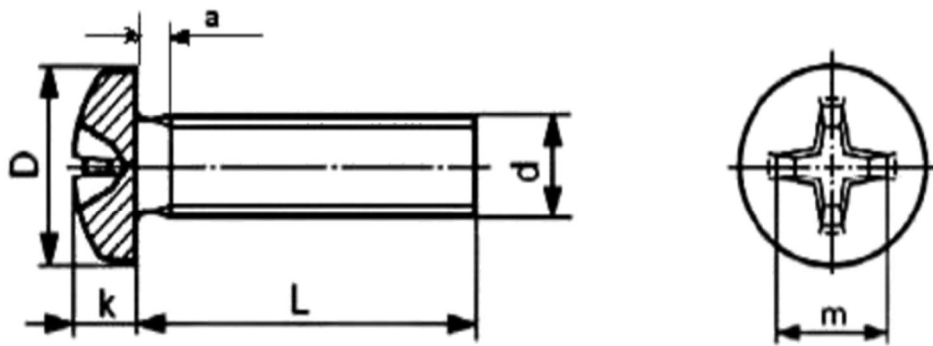
GRADE-SS304 (A2-70)

AS PER- DIN-7985

CATALOGUE NO. R4A01

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

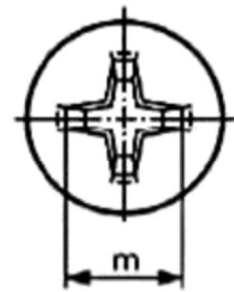
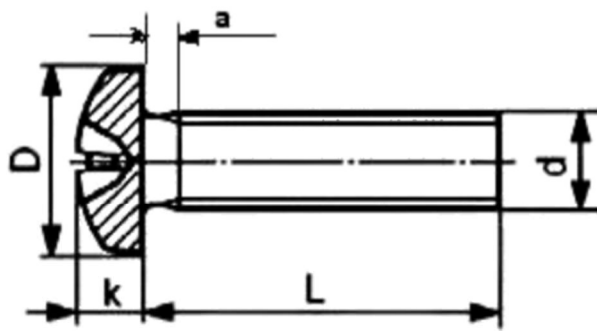
Parameter↓	Size→	M1x0.25	M1.2x0.25	M1.4x0.3	M1.6x0.35
2		R4A0101002	R4A0110202	R4A0110402	R4A0110602
3		R4A0101003	R4A0110203	R4A0110403	R4A0110603
4		R4A0101004	R4A0110204	R4A0110404	R4A0110604
5		R4A0101005	R4A0110205	R4A0110405	R4A0110605
6		R4A0101006	R4A0110206	R4A0110406	R4A0110606
8		R4A0101008	R4A0110208	R4A0110408	R4A0110608
10			R4A0110210	R4A0110410	R4A0110610
12				R4A0110412	R4A0110612
14					R4A0110614
16					R4A0110616
18					R4A0110618
20					R4A0110620

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		R4A0102003	R4A0120203	R4A0120503	
4		R4A0102004	R4A0120204	R4A0120504	
5		R4A0102005	R4A0120205	R4A0120505	
6		R4A0102006	R4A0120206	R4A0120506	
8		R4A0102008	R4A0120208	R4A0120508	R4A0120608
10		R4A0102010	R4A0120210	R4A0120510	R4A0120610
12		R4A0102012	R4A0120212	R4A0120512	R4A0120612
14		R4A0102014	R4A0120214	R4A0120514	R4A0120614
16		R4A0102016	R4A0120216	R4A0120516	R4A0120616
18		R4A0102018	R4A0120218	R4A0120518	R4A0120618
20		R4A0102020	R4A0120220	R4A0120520	R4A0120620
25		R4A0102025	R4A0120225	R4A0120525	R4A0120625
28		R4A0102028	R4A0120228	R4A0120528	R4A0120628
30		R4A0102030	R4A0120230	R4A0120530	R4A0120630
35		R4A0102035	R4A0120235	R4A0120535	R4A0120635
40		R4A0102040	R4A0120240	R4A0120540	R4A0120640
45		R4A0102045	R4A0120245	R4A0120545	R4A0120645
50		R4A0102050	R4A0120250	R4A0120550	R4A0120650

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