



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

# ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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## TECHNICAL DATA SHEET

### PAN PHILLIPS SCREW



MATERIAL- STAINLESS STEEL

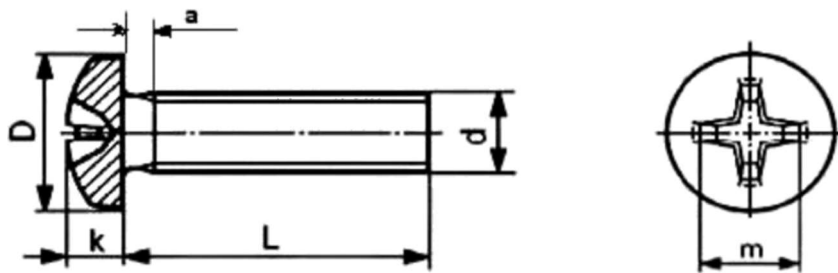
GRADE-SS316 (A4-70)

AS PER-DIN-7985

CATALOGUE NO. R6A14

### INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF PAN PHILLIPS SCREW AND MATCHING PHILLIPS SCREWDRIVER.
- ENSURE THE MATING HOLE OR THREAD IS CLEAN AND FREE FROM DUST, OIL, OR DEBRIS.
- ALIGN THE COMPONENTS TO BE FASTENED IN THEIR PROPER POSITION.
- INSERT THE PAN PHILLIPS SCREW INTO THE HOLE BY HAND TO START THREADING.
- PLACE THE PHILLIPS SCREWDRIVER FIRMLY INTO THE CROSS SLOT OF THE SCREW HEAD.
- TURN THE SCREWDRIVER CLOCKWISE TO TIGHTEN THE SCREW.
- APPLY STEADY, CONTROLLED FORCE TO AVOID CAM-OUT (SLIPPING OF THE DRIVER).
- DO NOT OVERTIGHTEN TO PREVENT STRIPPING OF THREADS OR DAMAGING THE MATERIAL.
- USE A WASHER IF REQUIRED TO DISTRIBUTE LOAD AND PREVENT SURFACE DAMAGE.
- INSPECT TO ENSURE THE PAN PHILLIPS SCREW IS FIRMLY SECURED AND PROPERLY SEATED.



Note: \* Non-standard part

Parameter	SIZE→	M3X0.5	*(M3.5x0.6)	M4X0.7	M5X0.8
Head Dia D	Max	6.00	6.00	8.00	10.00
	Min	5.70	5.50	7.64	9.64
Head Height k	Max	2.52	2.52	3.25	3.95
	Min	2.28	2.15	2.95	3.65
m	nom	3.10	3.90	4.60	5.30
DRIVE SIZE		PH1	PH2	PH2	PH2
Length Tolerance	≤3mm ±0.20/4-6mm ±0.24/7-10mm ±0.29/11-16mm ±0.35 20-30mm ±0.42/35-50mm 0.50				

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

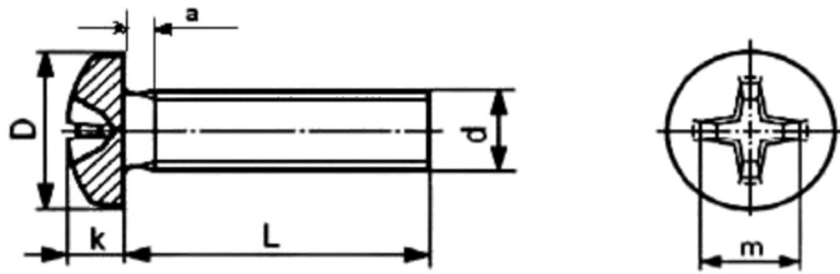
All Dimensions in mm

Length ↓	Size→	M3X0.5	*(M3.5x0.6)	M4X0.7	M5X0.8
3		R6A1403003	R6A1430503		
4		R6A1403004	R6A1430504		
5		R6A1403005	R6A1430505	R6A1404005	
6		R6A1403006	R6A1430506	R6A1404006	R6A1405006
8		R6A1403008	R6A1430508	R6A1404008	R6A1405008
10		R6A1403010	R6A1430510	R6A1404010	R6A1405010
12		R6A1403012	R6A1430512	R6A1404012	R6A1405012
14		R6A1403014	R6A1430514	R6A1404014	R6A1405014
16		R6A1403016	R6A1430516	R6A1404016	R6A1405016
18		R6A1403018	R6A1430518	R6A1404018	R6A1405018
20		R6A1403020	R6A1430520	R6A1404020	R6A1405020
22		R6A1403022	R6A1430522	R6A1404022	R6A1405022
25		R6A1403025	R6A1430525	R6A1404025	R6A1405025
28		R6A1403028	R6A1430528	R6A1404028	R6A1404028
30		R6A1403030	R6A1430530	R6A1404030	R6A1405030
35		R6A1403035	R6A1430535	R6A1404035	R6A1405035
40		R6A1403040	R6A1430540	R6A1404040	R6A1405040
45		R6A1403045	R6A1430545	R6A1404045	R6A1405045
50		R6A1403050	R6A1430550	R6A1404050	R6A1405050
55		R6A1403055	R6A1430555	R6A1404055	R6A1405055
60		R6A1403060	R6A1430560	R6A1404060	R6A1405060
65		R6A1403065	R6A1430565	R6A1404065	R6A1405065
70		R6A1403070	R6A1430570	R6A1404070	R6A1405070
75		R6A1403075	R6A1430575	R6A1404075	R6A1405075
80		R6A1403080	R6A1430580	R6A1404080	R6A1405080
90		R6A1403090	R6A1430590	R6A1404090	R6A1405090
100		R6A1403100		R6A1404100	R6A1405100

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→	M6X1.0	M8X1.25	M10X1.5
Head Dia D	Max	12.00	16.00	20.00
	Min	11.57	15.57	19.48
Head Height k	Max	4.75	6.15	7.68
	Min	4.45	5.85	7.32
m	nom	6.80	9.00	10.10
DRIVE SIZE		PH2	PH4	PH4
Length Tolerance	≤3mm ±0.20/4-6mm ±0.24/7-10mm ±0.29/11-16mm ±0.35 20-30mm ±0.42/35-50mm 0.50			

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

All Dimensions in mm

Length ↓	Size→	M6X1.0	M8X1.25	M10X1.5
8		R6A1406008		
10		R6A1406010		
12		R6A1406012	R6A1408012	
14		R6A1406014	R6A1408014	
16		R6A1406016	R6A1408016	R6A1410016
18		R6A1406018	R6A1408018	R6A1410018
20		R6A1406020	R6A1408020	R6A1410020
22		R6A1406022	R6A1408022	R6A1410022
25		R6A1406025	R6A1408025	R6A1410025
28		R6A1406028	R6A1408028	R6A1410028
30		R6A1406030	R6A1408030	R6A1410030
35		R6A1406035	R6A1408035	R6A1410035
40		R6A1406040	R6A1408040	R6A1410040
45		R6A1406045	R6A1408045	R6A1410045
50		R6A1406050	R6A1408050	R6A1410050
55		R6A1406055	R6A1408055	R6A1410055
60		R6A1406060	R6A1408060	R6A1410060
65		R6A1406065	R6A1408065	R6A1410065
70		R6A1406070	R6A1408070	R6A1410070
75		R6A1406075	R6A1408075	R6A1410075
80		R6A1406080	R6A1408080	R6A1410080
90		R6A1406090	R6A1408090	R6A1410090
100		R6A1406100	R6A1408100	R6A1410100

Sizes in BLUE are non-preferred. Availability is limited and MOQ is applied. **Data is strictly informative**

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