



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

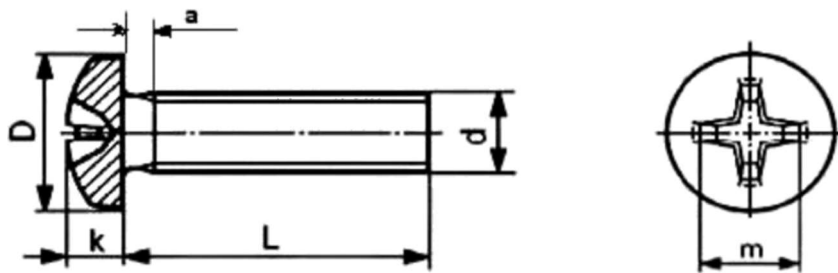
GRADE-SS304 (A2-70)

AS PER-DIN-7985

CATALOGUE NO. R4A14

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				

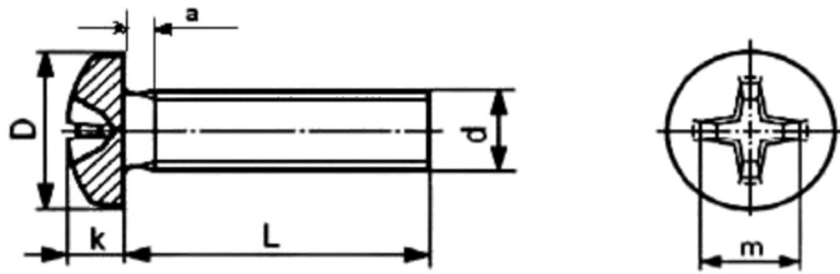
Quote the PART NUMBER given below with your order/ inquiries:

All Dimensions in mm

Length ↓	Size→	M3X0.5	*(M3.5x0.6)	M4X0.7	M5X0.8
3		R4A1403003	R4A1430503		
4		R4A1403004	R4A1430504		
5		R4A1403005	R4A1430505	R4A1404005	
6		R4A1403006	R4A1430506	R4A1404006	R4A1405006
8		R4A1403008	R4A1430508	R4A1404008	R4A1405008
10		R4A1403010	R4A1430510	R4A1404010	R4A1405010
12		R4A1403012	R4A1430512	R4A1404012	R4A1405012
14		R4A1403014	R4A1430514	R4A1404014	R4A1405014
16		R4A1403016	R4A1430516	R4A1404016	R4A1405016
18		R4A1403018	R4A1430518	R4A1404018	R4A1405018
20		R4A1403020	R4A1430520	R4A1404020	R4A1405020
22		R4A1403022	R4A1430522	R4A1404022	R4A1405022
25		R4A1403025	R4A1430525	R4A1404025	R4A1405025
28		R4A1403028	R4A1430528	R4A1404028	R4A1404028
30		R4A1403030	R4A1430530	R4A1404030	R4A1405030
35		R4A1403035	R4A1430535	R4A1404035	R4A1405035
40		R4A1403040	R4A1430540	R4A1404040	R4A1405040
45		R4A1403045	R4A1430545	R4A1404045	R4A1405045
50		R4A1403050	R4A1430550	R4A1404050	R4A1405050
55		R4A1403055	R4A1430555	R4A1404055	R4A1405055
60		R4A1403060	R4A1430560	R4A1404060	R4A1405060
65		R4A1403065	R4A1430565	R4A1404065	R4A1405065
70		R4A1403070	R4A1430570	R4A1404070	R4A1405070
75		R4A1403075	R4A1430575	R4A1404075	R4A1405075
80		R4A1403080	R4A1430580	R4A1404080	R4A1405080
90		R4A1403090	R4A1430590	R4A1404090	R4A1405090
100		R4A1403100		R4A1404100	R4A1405100

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		R4A1406008		
10		R4A1406010		
12		R4A1406012	R4A1408012	
14		R4A1406014	R4A1408014	
16		R4A1406016	R4A1408016	R4A1410016
18		R4A1406018	R4A1408018	R4A1410018
20		R4A1406020	R4A1408020	R4A1410020
22		R4A1406022	R4A1408022	R4A1410022
25		R4A1406025	R4A1408025	R4A1410025
28		R4A1406028	R4A1408028	R4A1410028
30		R4A1406030	R4A1408030	R4A1410030
35		R4A1406035	R4A1408035	R4A1410035
40		R4A1406040	R4A1408040	R4A1410040
45		R4A1406045	R4A1408045	R4A1410045
50		R4A1406050	R4A1408050	R4A1410050
55		R4A1406055	R4A1408055	R4A1410055
60		R4A1406060	R4A1408060	R4A1410060
65		R4A1406065	R4A1408065	R4A1410065
70		R4A1406070	R4A1408070	R4A1410070
75		R4A1406075	R4A1408075	R4A1410075
80		R4A1406080	R4A1408080	R4A1410080
90		R4A1406090	R4A1408090	R4A1410090
100		R4A1406100	R4A1408100	R4A1410100

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