



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

TWO HOLE PAN HEAD SECURITY SCREW



MATERIAL- STAINLESS STEEL

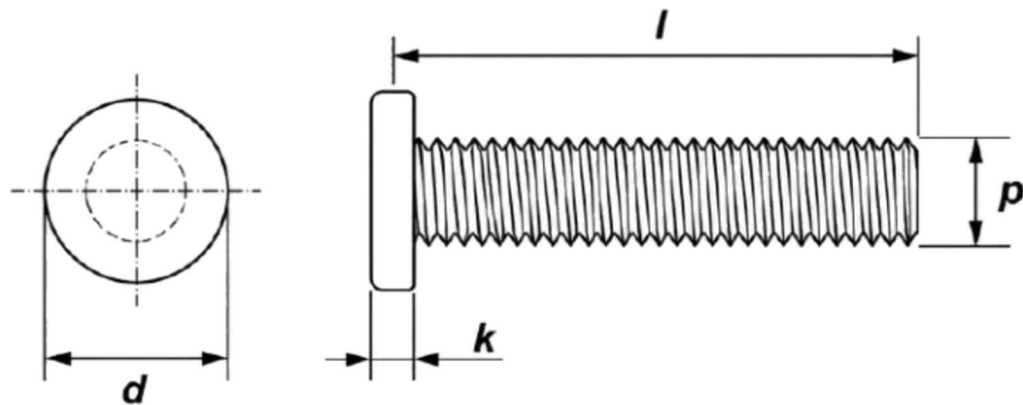
GRADE-SS316 (A4-70)

AS PER- NON-STANDARD

CATALOGUE NO. R6H14

INSTALLATION GUIDE

- VERIFY THE SCREW SIZE, THREAD TYPE, LENGTH, AND HEAD DIMENSIONS MATCH THE APPLICATION REQUIREMENT.
- INSPECT THE SCREW FOR THREAD DAMAGE, HEAD DEFORMATION, OR SURFACE DEFECTS BEFORE INSTALLATION.
- ENSURE THE MATING HOLE OR THREADED COMPONENT IS CLEAN, PROPERLY ALIGNED, AND FREE FROM BURRS OR DEBRIS.
- SELECT THE CORRECT 2-HOLE SECURITY DRIVER BIT THAT MATCHES THE SCREW HEAD.
- ALIGN THE TWO DRIVER PINS CORRECTLY WITH THE TWO HOLES IN THE SCREW HEAD.
- INSERT THE SCREW INTO THE MOUNTING HOLE AND START THREADING BY HAND TO PREVENT CROSS-THREADING.
- KEEP THE SECURITY DRIVER STRAIGHT AND FULLY ENGAGED WITH BOTH HOLES DURING TIGHTENING.
- TIGHTEN THE SCREW GRADUALLY USING A SUITABLE HAND OR POWER TOOL.
- APPLY THE SPECIFIED TORQUE USING A CALIBRATED TORQUE WRENCH WHERE REQUIRED.
- ENSURE THE PAN HEAD SITS EVENLY AND FIRMLY AGAINST THE MATING SURFACE.
- DO NOT OVERTIGHTEN, AS EXCESSIVE TORQUE MAY DAMAGE THE SECURITY DRIVE OR THREADS.
- VERIFY THAT THE SCREW IS FULLY SEATED AND PROVIDES THE REQUIRED CLAMPING FORCE.
- CHECK THAT THE SECURITY DRIVER CAN BE REMOVED WITHOUT DAMAGING THE SCREW HEAD.
- INSPECT THE FINAL ASSEMBLY FOR PROPER SEATING, ALIGNMENT, AND SECURE FASTENING.



Dia d →	M3x0.5	M4x0.7	M5x0.8	M6x1.0
d min	5.50	7.60	9.50	11.50
d max	5.85	8.05	10.05	12.05
k min	1.45	2.00	2.55	3.10
k max	1.70	2.25	2.80	3.35
Tool Size	H4	H8	H10	H14

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

All Dimensions in mm

Length↓ Dia→	M3x0.5	M4x0.7	M5x0.8	M6x1.0
6	R6H1403006	R6H1404006		
8	R6H1403008	R6H1404008	R6H1405008	
10	R6H1403010	R6H1404010	R6H1405010	R6H1406010
12	R6H1403012	R6H1404012	R6H1405012	R6H1406012
16	R6H1403016	R6H1404016	R6H1405016	R6H1406016
20	R6H1403020	R6H1404020	R6H1405020	R6H1406020
25		R6H1404025	R6H1405025	R6H1406025
30		R6H1404030	R6H1405030	R6H1406030
35		R6H1404035	R6H1405035	R6H1406035
40		R6H1404040	R6H1405040	R6H1406040
45		R6H1404045	R6H1405045	R6H1406045
50		R6H1404050	R6H1405050	R6H1406050
60			R6H1405060	R6H1406060

Sizes in BLUE are non-preferred. Availability is limited and MOQ is applied

Data is strictly informative