GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

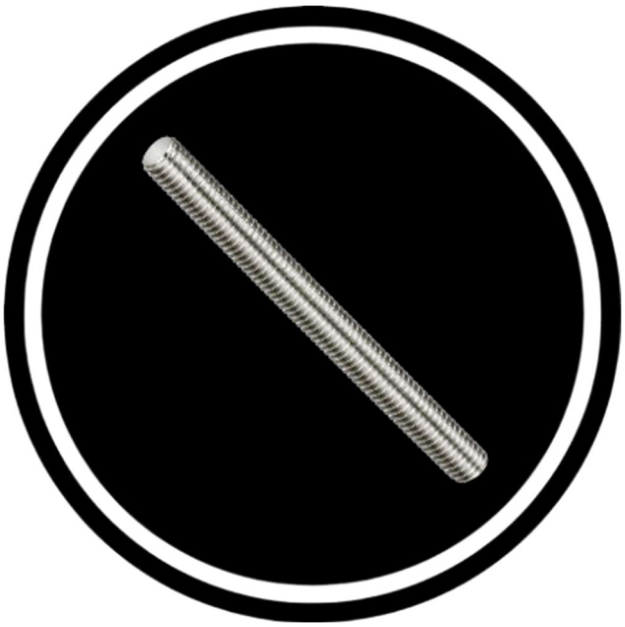
ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST

8310165941 / 9959457863 sales@royalfastenersindia.com www.royalfastenersindia.com

TECHNICAL DATA SHEET

THREADED ROD



MATERIAL- STAINLESS STEEL

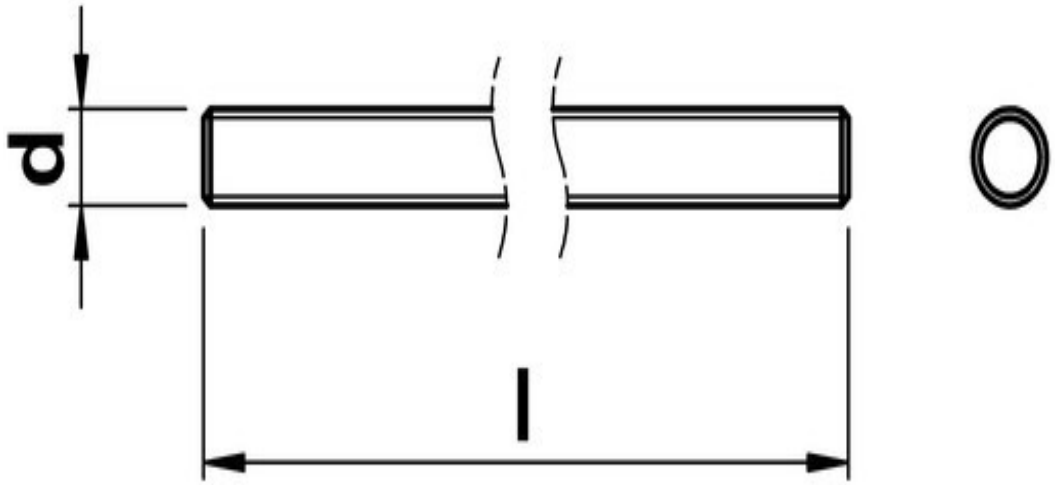
GRADE-SS316 (A4)

AS PER-DIN-975

CATALOGUE NO. R6G57

INSTALLATION GUIDE

- VERIFY THE THREADED ROD DIAMETER, THREAD PITCH, LENGTH, AND STAINLESS-STEEL GRADE BEFORE INSTALLATION.
- INSPECT THE ROD FOR BENDING, THREAD DAMAGE, CORROSION, OR SURFACE DEFECTS.
- ENSURE THE MATING NUTS, COUPLERS, AND THREADED HOLES MATCH THE ROD'S THREAD SPECIFICATION.
- CUT THE THREADED ROD TO THE REQUIRED LENGTH USING A SUITABLE CUTTING TOOL, IF NECESSARY.
- REMOVE BURRS AND SHARP EDGES FROM THE CUT ENDS TO PREVENT THREAD DAMAGE.
- CLEAN THE THREADS AND MATING SURFACES TO REMOVE DUST, OIL, GREASE, AND DEBRIS.
- ALIGN THE THREADED ROD PROPERLY WITH THE MATING THREADED HOLE OR SUPPORTING COMPONENT.
- START THREADING BY HAND TO ENSURE SMOOTH ENGAGEMENT AND PREVENT CROSS-THREADING.
- USE SUITABLE TOOLS TO TIGHTEN THE ROD WITHOUT DAMAGING THE THREADS.
- ENSURE ADEQUATE THREAD ENGAGEMENT WITH THE MATING NUT OR THREADED HOLE.
- USE SUITABLE WASHERS AND NUTS TO SECURE THE ASSEMBLY, WHERE REQUIRED.
- APPLY THE RECOMMENDED TIGHTENING TORQUE ACCORDING TO THE ROD SIZE AND APPLICATION.
- USE A SUITABLE ANTI-SEIZE COMPOUND WHEN REQUIRED TO REDUCE THE RISK OF STAINLESS-STEEL THREAD GALLING.
- VERIFY THAT THE THREADED ROD IS PROPERLY ALIGNED AND FIRMLY SECURED.
- INSPECT THE FINAL ASSEMBLY FOR PROPER THREAD ENGAGEMENT, SECURE FASTENING, AND DAMAGE-FREE INSTALLATION.



Quote the PART NUMBER given below with your order/ inquiries: All Dimensions in mm

Length↓ Dia→	M4 x 0.7	M5 x 0.8	M6 x 1.0	M8 x 1.25	M10 x 1.5	M12 x 1.75
1000 MM	R6G5704001	R6G5705001	R6G5706001	R6G5708001	R6G5710001	R6G5712001
Length Tolerance	± 15mm	± 15mm	± 15mm	± 15mm	± 15mm	± 15mm
2000 MM	R6G5704002	R6G5705002	R6G5706002	R6G5708002	R6G5710002	R6G5712002
Length Tolerance	± 30mm	± 30mm	± 30mm	± 30mm	± 30mm	± 30mm

Length↓ Dia→	M14 x 2.0	M16 x 2.0	M18 x 2.5	M20 x 2.5	M22 x 2.5	M24 x 3.0
1000 MM	R6G5714001	R6G5716001	R6G5718001	R6G5720001	R6G5722001	R6G5724001
Length Tolerance	± 15mm	± 15mm	± 15mm	± 15mm	± 15mm	± 15mm
2000 MM	R6G5714002	R6G5716002	R6G5718002	R6G5720002	R6G5722002	R6G5724002
Length Tolerance	± 30mm	± 30mm	± 30mm	± 30mm	± 30mm	± 30mm

Length↓ Dia→	M27 x 3.0	M30 x 3.5	M33 x 3.5	M36 x 4.0	M39 x 4.0	M42 x 4.5
1000 MM	R6G5727001	R6G5730001	R6G5733001	R6G5736001	R6G5739001	R6G5742001
Length Tolerance	± 15mm	± 15mm	± 15mm	± 15mm	± 15mm	± 15mm
2000 MM	R6G5727002	R6G5730002	R6G5733002	R6G5736002	R6G5739002	R6G5742002
Length Tolerance	± 30mm	± 30mm	± 30mm	± 30mm	± 30mm	± 30mm

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