GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST

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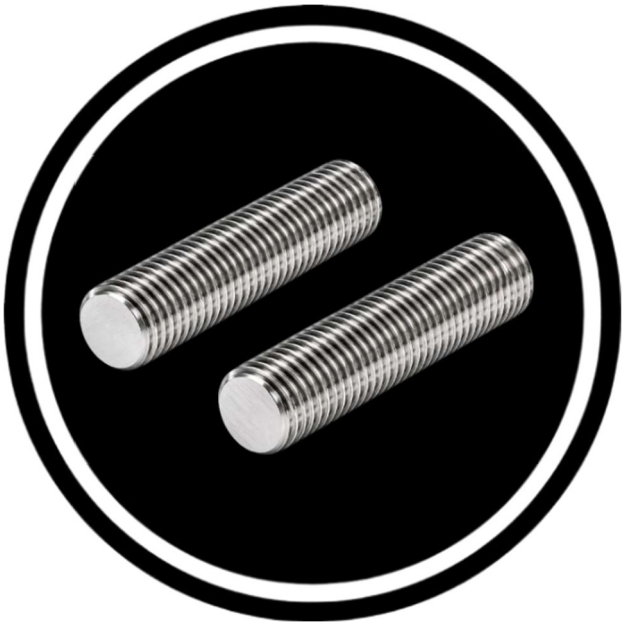
TECHNICAL DATA SHEET

THREADED STUDS



MATERIAL- STAINLESS STEEL

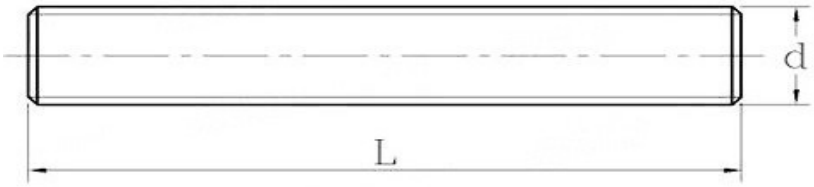
GRADE-SS304

AS PER-DIN-976

CATALOGUE NO. R4G73

INSTALLATION GUIDE

- VERIFY THE STUD DIAMETER, THREAD PITCH, LENGTH, AND STAINLESS STEEL GRADE BEFORE INSTALLATION.
- INSPECT THE STUD FOR BENDING, THREAD DAMAGE, CORROSION, OR SURFACE DEFECTS.
- ENSURE THE MATING THREADED HOLE OR NUT MATCHES THE STUD'S THREAD SPECIFICATION.
- CLEAN THE THREADED HOLE AND MATING SURFACES TO REMOVE DUST, OIL, GREASE, AND DEBRIS.
- CHECK THAT THE THREADS ARE FREE FROM BURRS AND DAMAGE BEFORE ASSEMBLY.
- ALIGN THE STUD PERPENDICULARLY WITH THE THREADED HOLE TO ENSURE PROPER ENGAGEMENT.
- START THREADING THE STUD BY HAND TO PREVENT CROSS-THREADING.
- USE A SUITABLE STUD INSTALLATION TOOL OR APPROVED METHOD TO TIGHTEN THE STUD.
- AVOID APPLYING EXCESSIVE FORCE THAT MAY DAMAGE THE THREADS OR STUD.
- ENSURE THE STUD IS INSTALLED TO THE REQUIRED ENGAGEMENT DEPTH AS PER THE DESIGN SPECIFICATION.
- USE A SUITABLE WASHER AND NUT WHEN REQUIRED FOR THE APPLICATION.
- TIGHTEN THE MATING NUT USING THE RECOMMENDED TORQUE VALUE FOR THE STUD SIZE AND APPLICATION.
- USE AN APPROPRIATE ANTI-SEIZE COMPOUND WHEN REQUIRED TO REDUCE THE RISK OF STAINLESS STEEL THREAD GALLING.
- VERIFY THAT THE STUD IS FIRMLY SECURED AND PROPERLY ALIGNED AFTER INSTALLATION.
- INSPECT THE FINAL ASSEMBLY FOR PROPER THREAD ENGAGEMENT, SECURE FASTENING, AND DAMAGE-FREE INSTALLATION.



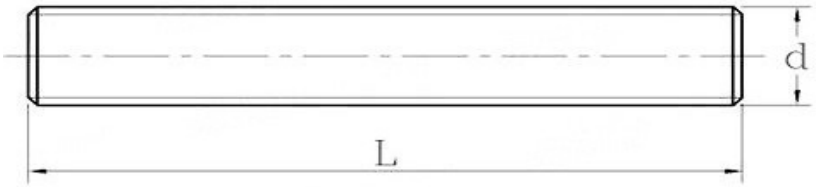
Parameter↓ Size→	M2x0.4	M2.5x0.45	M3x0.5	M3.5x0.6	M4x0.7	M5x0.8	M6x1.0	M8x1.25
d max	1.98	2.48	2.98	3.48	3.98	4.98	5.98	7.98
d min	1.86	2.36	2.85	3.35	3.82	4.82	5.78	7.75
Length Tolerance	4 - 6mm ±0.24, 7-10mm ±0.29, 11-16mm ±0.35, 20-30mm ±0.42, 35-50mm ±0.50, 55-80mm ±0.65, 85-120mm ±0.75. 125-180mm ±0.85							

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

Length↓ Size→	M2x0.4	M2.5x0.45	M3x0.5	M3.5x0.6	M4x0.7	M5x0.8	M6x1.0	M8x1.25
4	R4G7302004	R4G7320504	R4G7303004					
5	R4G7302005	R4G7320505	R4G7303005	R4G7330505				
6	R4G7302006	R4G7320506	R4G7303006	R4G7330506	R4G7304006			
8	R4G7302008	R4G7320508	R4G7303008	R4G7330508	R4G7304008	R4G7305008	R4G7306008	
10	R4G7302010	R4G7320510	R4G7303010	R4G7330510	R4G7304010	R4G7305010	R4G7306010	R4G7308010
12	R4G7302012	R4G7320512	R4G7303012	R4G7330512	R4G7304012	R4G7305012	R4G7306012	R4G7308012
14	R4G7302014	R4G7320514	R4G7303014	R4G7330514	R4G7304014	R4G7305014	R4G7306014	R4G7308014
16	R4G7302016	R4G7320516	R4G7303016	R4G7330516	R4G7304016	R4G7305016	R4G7306016	R4G7308016
18	R4G7302018	R4G7320518	R4G7303018	R4G7330518	R4G7304018	R4G7305018	R4G7306018	R4G7308018
20	R4G7302020	R4G7320520	R4G7303020	R4G7330520	R4G7304020	R4G7305020	R4G7306020	R4G7308020
22			R4G7303022	R4G7330522	R4G7304022	R4G7305022	R4G7306022	R4G7308022
25			R4G7303025	R4G7330525	R4G7304025	R4G7305025	R4G7306025	R4G7308025
28			R4G7303028	R4G7330528	R4G7304028	R4G7305028	R4G7306028	R4G7308028
30			R4G7303030	R4G7330530	R4G7304030	R4G7305030	R4G7306030	R4G7308030
35			R4G7303035	R4G7330535	R4G7304035	R4G7305035	R4G7306035	R4G7308035
40			BGA2103040	R4G7330540	R4G7304040	R4G7305040	R4G7306040	R4G7308040
45			R4G7303045	R4G7330545	R4G7304045	R4G7305045	R4G7306045	R4G7308045
50			R4G7303050	R4G7330550	R4G7304050	R4G7305050	R4G7306050	R4G7308050
55			R4G7303055	R4G7330555	R4G7304055	R4G7305055	R4G7306055	R4G7308055
60			R4G7303060	R4G7330560	R4G7304060	R4G7305060	R4G7306060	R4G7308060
65				R4G7330565	R4G7304065	R4G7305065	R4G7306065	R4G7308065
70				R4G7330570	R4G7304070	R4G7305070	R4G7306070	R4G7308070
75				R4G7330575	R4G7304075	R4G7305075	R4G7306075	R4G7308075
80				R4G7330580	R4G7304080	R4G7305080	R4G7306080	R4G7308080
90				R4G7330590	R4G7304090	R4G7305090	R4G7306090	R4G7308090
100				R4G73305100	R4G7304100	R4G7305100	R4G7306100	R4G7308100
120						R4G7305120	R4G7306120	R4G7308120
125						R4G7305125	R4G7306125	R4G7308125
130						R4G7305130	R4G7306130	R4G7308130
150						R4G7305150	R4G7306150	R4G7308150

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→	M10x1.5	M12x1.75	M14x2.0	M16x2.0	M18x2.5	M20x2.5	M22x2.5	M24x3.0
d max	9.97	11.97	13.97	15.97	17.96	19.96	21.96	23.95
d min	9.72	11.70	16.85	15.65	17.60	19.60	21.60	23.55
Length Tolerance	4 - 6mm ±0.24, 7-10mm ±0.29, 11-16mm ±0.35, 20-30mm ±0.42, 35-50mm ±0.50, 55-80mm ±0.65, 85-120mm ±0.75. 125-180mm ±0.85, 190-240mm ±1.0, 250-350mm ±2.0							

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Length↓ Size→	M10x1.5	M12x1.75	M14x2.0	M16x2.0	M18x2.5	M20x2.5	M22x2.5	M24x3.0
12	R4G7310012							
14	R4G7310014							
16	R4G7310016	R4G7312016						
18	R4G7310018	R4G7312018						
20	R4G7310020	R4G7312020	R4G7314020	R4G7316020				
22	R4G7310022	R4G7312022	R4G7314022	R4G7316022				
25	R4G7310025	R4G7312025	R4G7314025	R4G7316025	R4G7318025	R4G7320025	R4G7322025	R4G7324025
30	R4G7310030	R4G7312030	R4G7314030	R4G7316030	R4G7318030	R4G7320030	R4G7322030	R4G7324030
35	R4G7310035	R4G7312035	R4G7314035	R4G7316035	R4G7318035	R4G7320035	R4G7322035	R4G7324035
40	R4G7310040	R4G7312040	R4G7314040	R4G7316040	R4G7318040	R4G7320040	R4G7322040	R4G7324040
45	R4G7310045	R4G7312045	R4G7314045	R4G7316045	R4G7318045	R4G7320045	R4G7322045	R4G7324045
50	R4G7310050	R4G7312050	R4G7314050	R4G7316050	R4G7318050	R4G7320050	R4G7322050	R4G7324050
55	R4G7310055	R4G7312055	R4G7314055	R4G7316055	R4G7318055	R4G7320055	R4G7322055	R4G7324055
60	R4G7310060	R4G7312060	R4G7314060	R4G7316060	R4G7318060	R4G7320060	R4G7322060	R4G7324060
65	R4G7310065	R4G7312065	R4G7314065	R4G7316065	R4G7318065	R4G7320065	R4G7322065	R4G7324065
70	R4G7310070	R4G7312070	R4G7314070	R4G7316070	R4G7318070	R4G7320070	R4G7322070	R4G7324070
75	R4G7310075	R4G7312075	R4G7314075	R4G7316075	R4G7318075	R4G7320075	R4G7322075	R4G7324075
80	R4G7310080	R4G7312080	R4G7314080	R4G7316080	R4G7318080	R4G7320080	R4G7322080	R4G7324080
90	R4G7310090	R4G7312090	R4G7314090	R4G7316090	R4G7318090	R4G7320090	R4G7322090	R4G7324090
100	R4G7310100	R4G7312100	R4G7314100	R4G7316100	R4G7318100	R4G7320100	R4G7322100	R4G7324100
120	R4G7310120	R4G7312120	R4G7314120	R4G7316120	R4G7318120	R4G7320120	R4G7322120	R4G7324120
125	R4G7310025	R4G7312125	R4G7314125	R4G7316125	R4G7318125	R4G7320125	R4G7322125	R4G7324125
130	R4G7310130	R4G7312130	R4G7314130	R4G7316130	R4G7318130	R4G7320130	R4G7322130	R4G7324130
150	R4G7310150	R4G7312150	R4G7314150	R4G7316150	R4G7318150	R4G7320150	R4G7322150	R4G7324150
160	R4G7310160	R4G7312160	R4G7314160	R4G7316160	R4G7318160	R4G7320160	R4G7322160	R4G7324160
180	R4G7310180	R4G7312180	R4G7314180	R4G7316180	R4G7318180	R4G7320180	R4G7322180	R4G7324180
200	R4G7310200	R4G7312200	R4G7314200	R4G7316200	R4G7318200	R4G7320200	R4G7322200	R4G7324200
220	R4G7310220	R4G7312220	R4G7314220	R4G7316220	R4G7318220	R4G7320220	R4G7322220	R4G7324220
250	R4G7310250	R4G7312250	R4G7314250	R4G7316250	R4G7318250	R4G7320250	R4G7322250	R4G7324250
275		R4G7312275	R4G7314275	R4G7316275	R4G7318275	R4G7320275	R4G7322275	R4G7324275
300		R4G7312300	R4G7314300	R4G7316300	R4G7318300	R4G7320300	R4G7322300	R4G7324300
325		R4G7312325	R4G7314325	R4G7316325	R4G7318325	R4G7320325	R4G7322325	R4G7324325
350		R4G7312350	R4G7314350	R4G7316350	R4G7318350	R4G7320350	R4G7322350	R4G7324350

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