



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

HEX COACH SCREW



MATERIAL- STAINLESS STEEL

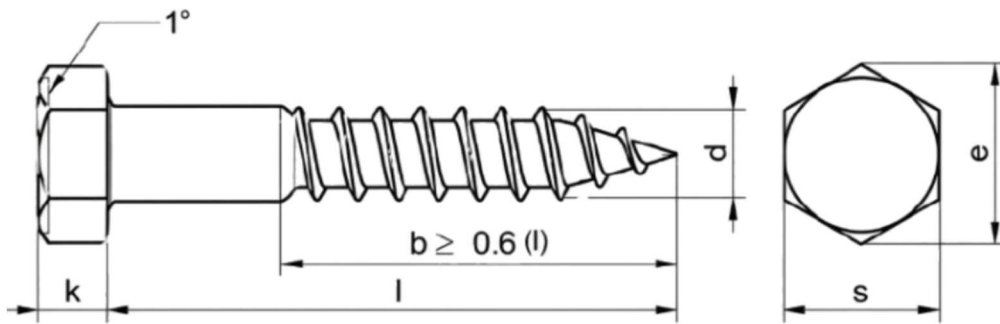
GRADE-SS304 (A2-70)

AS PER-DIN-571

CATALOGUE NO. R4D42

INSTALLATION GUIDE

- VERIFY THE HEX COACH SCREW SIZE, LENGTH, AND THREAD TYPE MATCH THE APPLICATION REQUIREMENT.
- INSPECT THE SCREW FOR THREAD DAMAGE, CORROSION, OR SURFACE DEFECTS BEFORE INSTALLATION.
- ENSURE THE MATERIAL TO BE FASTENED IS PROPERLY ALIGNED AND SECURELY POSITIONED.
- DRILL A PILOT HOLE OF THE RECOMMENDED DIAMETER AND DEPTH FOR THE SCREW SIZE.
- CLEAN THE PILOT HOLE TO REMOVE DUST, WOOD CHIPS, OR DEBRIS.
- POSITION THE HEX COACH SCREW AT THE DESIRED INSTALLATION LOCATION.
- USE A SUITABLE HEX SOCKET, SPANNER, OR WRENCH TO DRIVE THE SCREW.
- ROTATE THE SCREW CLOCKWISE WHILE MAINTAINING STRAIGHT ALIGNMENT.
- ALLOW THE COARSE THREADS TO CUT AND ENGAGE SECURELY INTO THE MATERIAL.
- CONTINUE TIGHTENING UNTIL THE HEAD SITS FIRMLY AGAINST THE MATING SURFACE OR WASHER.
- USE A WASHER WHERE REQUIRED TO IMPROVE LOAD DISTRIBUTION AND SURFACE PROTECTION.
- DO NOT OVERTIGHTEN, AS THIS MAY STRIP THE MATERIAL OR DAMAGE THE THREADS.
- VERIFY THAT THE SCREW IS FULLY SEATED AND PROVIDES ADEQUATE CLAMPING FORCE.
- CHECK THAT THE ASSEMBLED COMPONENTS ARE SECURE AND FREE FROM MOVEMENT.
- INSPECT THE FINAL INSTALLATION FOR PROPER SEATING, ALIGNMENT, AND STRUCTURAL STABILITY.



Dimension ↓ Dia →	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø16
d max	4.00	5.00	6.00	8.00	10.00	12.00	16.00
d min	3.52	4.52	5.52	7.42	9.42	11.30	15.30
s max	7.00	8.00	10.00	13.00	17.00	19.00	24.00
s min	6.64	7.64	9.64	12.57	16.57	18.48	23.16
k nom	2.80	3.50	4.00	5.50	7.00	8.00	10.00
e min	7.50	8.63	10.89	14.20	18.72	20.88	26.17

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

All Dimensions in mm

Dia → Length ↓	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø16
16	R4D4204016	R4D425016	R4D4206016				
20	R4D4204020	R4D4205020	R4D4206020				
25	R4D4204025	R4D4205025	R4D4206025	R4D4208025	R4D4210025		
30	R4D4204030	R4D4205030	R4D4206030	R4D4208030	R4D4210030		
35	R4D4204035	R4D4205035	R4D4206035	R4D4208035	R4D4210035		
40	R4D4204040	R4D4205040	R4D4206040	R4D4208040	R4D4210040	R4D4212040	
50	R4D4204050	R4D4205050	R4D4206050	R4D4208050	R4D4210050	R4D4212050	R4D4216050
60		R4D4205060	R4D4206060	R4D4208060	R4D4210060	R4D4212060	R4D4216060
75		R4D4205075	R4D4206075	R4D4208075	R4D4210075	R4D4212075	R4D4216075
80		R4D4205080	R4D4206080	R4D4208080	R4D4210080	R4D4212080	R4D4216080
90		R4D4205090	R4D4206090	R4D4208090	R4D4210090	R4D4212090	R4D4216090
100		R4D4205100	R4D4206100	R4D4208100	R4D4210100	R4D4212100	R4D4216100
110		R4D4205110	R4D4206110	R4D4208110	R4D4210110	R4D4212110	R4D4216110
125		R4D4205125	R4D4206125	R4D4208125	R4D4210125	R4D4212125	R4D4216125
150		R4D4205150	R4D4206150	R4D4208150	R4D4210150	R4D4212150	R4D4216150

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