



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

CSK PHILLIPS SCREW



MATERIAL- STAINLESS STEEL

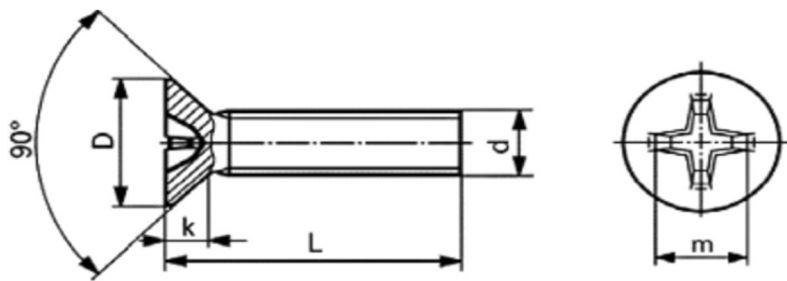
GRADE-SS304 (A2-70)

AS PER-ASME B18.6.3

CATALOGUE NO. R4A21u

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF CSK PHILLIPS SCREW AND MATCHING PHILLIPS SCREWDRIVER.
- ENSURE THE COUNTERSUNK HOLE IS PREPARED TO MATCH THE SCREW ANGLE FOR FLUSH FITTING.
- CLEAN THE MATING SURFACE AND HOLE TO REMOVE ANY DUST, OIL, OR DEBRIS.
- POSITION THE COMPONENTS IN PROPER ALIGNMENT BEFORE INSERTING THE SCREW.
- PLACE THE CSK PHILLIPS SCREW INTO THE COUNTERSUNK HOLE BY HAND TO START THREADING.
- INSERT THE PHILLIPS SCREWDRIVER INTO THE CROSS SLOT OF THE SCREW HEAD.
- TURN THE SCREWDRIVER CLOCKWISE WHILE APPLYING EVEN PRESSURE.
- ENSURE THE SCREW HEAD SITS FLUSH WITH THE MATERIAL SURFACE AFTER TIGHTENING.
- DO NOT OVERTIGHTEN TO PREVENT THREAD DAMAGE OR MATERIAL CRACKING.
- USE A TORQUE SCREWDRIVER IF SPECIFIC TORQUE VALUES ARE REQUIRED.
- INSPECT THE INSTALLED SCREW TO CONFIRM A SECURE AND FLUSH FIT.



UNC SERIES

THREAD CLASS 2A

Size→	#2-56	#4-40	#6-32	#8-32	#10-24	#12-24	1/4"-20
Screw dia d	0.086 (2.18 mm)	0.112 (2.84 mm)	0.138 (3.51 mm)	0.164 (4.17 mm)	0.190 (4.83 mm)	0.216 (5.49 mm)	0.250 (6.35 mm)
Head Dia dk	min	0.144	0.191	0.238	0.285	0.333	0.442
	max	0.162	0.212	0.262	0.312	0.362	0.477
Head Ht k, Ref	0.051	0.067	0.083	0.100	0.116	0.132	0.153
Recess dia m Ref	0.096	0.122	0.168	0.182	0.198	0.262	0.276
Driver size	1	1	2	2	2	3	3

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

All Dimensions in mm

Size→ Length↓	#2-56	#4-40	#6-32	#8-32	#10-24	#12-24	1/4"-20
3/16"	R4A21u25648	R4A21u44048					
1/4"	R4A21u25662	R4A21u44062	R4A21u63262				
5/16"	R4A21u25679	R4A21u44079	R4A21u63279	R4A21u83279	R4A21u12479	R4A21u22479	R4A21u62079
3/8"	R4A21u25691	R4A21u44091	R4A21u63291	R4A21u83291	R4A21u12491	R4A21u22491	R4A21u62091
1/2"	R4A21u25613	R4A21u44013	R4A21u63213	R4A21u83213	R4A21u12413	R4A21u22413	R4A21u62013
5/8"	R4A21u25615	R4A21u44015	R4A21u63215	R4A21u83215	R4A21u12415	R4A21u22415	R4A21u62015
3/4"	R4A21u25619	R4A21u44019	R4A21u63219	R4A21u83219	R4A21u12419	R4A21u22419	R4A21u62019
7/8"	R4A21u25623	R4A21u44023	R4A21u63223	R4A21u83223	R4A21u12423	R4A21u22423	R4A21u62023
1"	R4A21u25625	R4A21u44025	R4A21u63225	R4A21u83225	R4A21u12425	R4A21u22425	R4A21u62025
1 1/8"		R4A21u44028	R4A21u63228	R4A21u83228	R4A21u12428	R4A21u22428	R4A21u62028
1 1/4"		R4A21u44031	R4A21u63231	R4A21u83231	R4A21u12431	R4A21u22431	R4A21u62031
1 1/2"		R4A21u44038	R4A21u63238	R4A21u83238	R4A21u12438	R4A21u22438	R4A21u62038
1 5/8"		R4A21u44041	R4A21u63241	R4A21u83241	R4A21u12441	R4A21u22441	R4A21u62041
1 3/4"		R4A21u44044	R4A21u63244	R4A21u83244	R4A21u12444	R4A21u22444	R4A21u62044
2"		R4A21u44051	R4A21u63251	R4A21u83251	R4A21u12451	R4A21u22451	R4A21u62051

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