



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

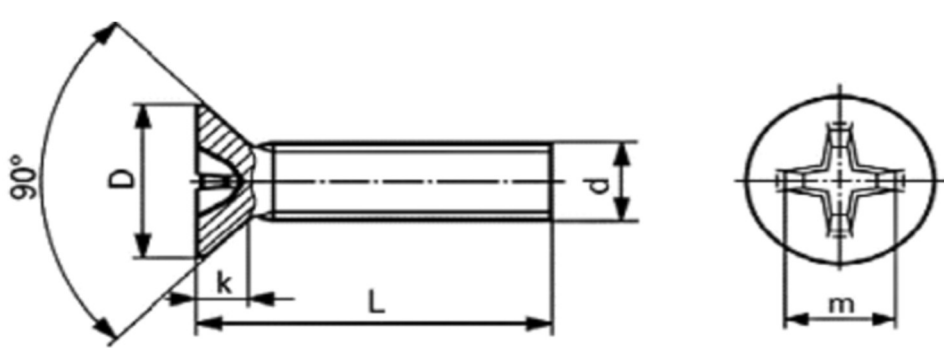
GRADE-SS316 (A4-70)

AS PER-ASME B18.6.3

CATALOGUE NO. R4A21v

### 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.



**UNF SERIES**

**THREAD CLASS 2A**

Size→	#2-64	#3-56	#4-48	#5-44	#6-40	#8-36	#10-32	1/4"-28
Screw dia d	0.086 (2.18 mm)	0.099 (2.51 mm)	0.112 (2.84 mm)	0.125 (3.18 mm)	0.138 (3.51 mm)	0.164 (4.17 mm)	0.19 (4.83 mm)	0.250 (6.35 mm)
Head Dia min	0.144	0.167	0.191	0.215	0.238	0.285	0.333	0.442
Head Dia max	0.162	0.187	0.212	0.237	0.262	0.312	0.362	0.477
Head Ht k, Ref	0.051	0.059	0.067	0.075	0.083	0.1	0.116	0.153
Recess dia m Ref	0.096	0.100	0.122	0.148	0.168	0.182	0.198	0.276
Driver size	1	1	1	2	2	2	2	3

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

All Dimensions in mm

Size→ Length↓	#2-64	#3-56	#4-48	#5-44	#6-40	#8-36	#10-32	1/4"-28
3/16"	R6A21v26448	R6A21v35648	R6A21v44848					
1/4"	R6A21v26462	R6A21v35662	R6A21v44862		R6A21v64062			
5/16"	R6A21v26479	R6A21v35679	R6A21v44879	R6A21v54479	R6A21v64079	R6A21v83679	R6A21v13279	R6A21v62079
3/8"	R6A21v26491	R6A21v35691	R6A21v44891	R6A21v54491	R6A21v64091	R6A21v83691	R6A21v13291	R6A21v62091
1/2"	R6A21v26413	R6A21v35613	R6A21v44813	R6A21v54413	R6A21v64013	R6A21v83613	R6A21v13213	R6A21v62013
5/8"	R6A21v26415	R6A21v35615	R6A21v44815	R6A21v54415	R6A21v64015	R6A21v83615	R6A21v13215	R6A21v62015
3/4"	R6A21v26419	R6A21v35619	R6A21v44819	R6A21v54419	R6A21v64019	R6A21v83619	R6A21v13219	R6A21v62019
7/8"	R6A21v26423	R6A21v35623	R6A21v44823	R6A21v54423	R6A21v64023	R6A21v83623	R6A21v13223	R6A21v62023
1"	R6A21v26425	R6A21v35625	R6A21v44825	R6A21v54425	R6A21v64025	R6A21v83625	R6A21v13225	R6A21v62025
1 1/8"		R6A21v35628	R6A21v44828	R6A21v54428	R6A21v64028	R6A21v83628	R6A21v13228	R6A21v62028
1 1/4"		R6A21v35631	R6A21v44831	R6A21v54431	R6A21v64031	R6A21v83631	R6A21v13231	R6A21v62031
1 1/2"		R6A21v35638	R6A21v44838	R6A21v54438	R6A21v64038	R6A21v83638	R6A21v13238	R6A21v62038
1 5/8"			R6A21v44841	R6A21v54441	R6A21v64041	R6A21v83641	R6A21v13241	R6A21v62041
1 3/4"			R6A21v44844	R6A21v54444	R6A21v64044	R6A21v83644	R6A21v13244	R6A21v62044
2"			R6A21v44851	R6A21v54451	R6A21v64051	R6A21v83651	R6A21v13251	R6A21v62051

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