



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

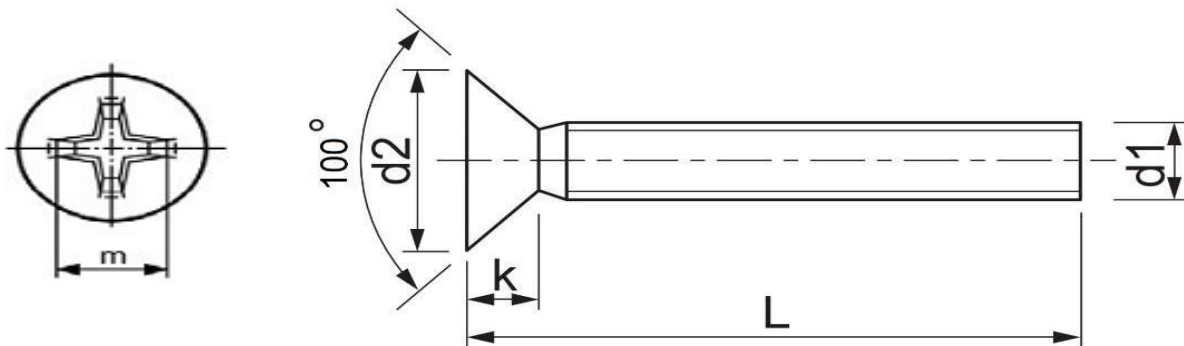
GRADE-SS316 (A4-70)

AS PER-ASME-18.6.3

CATALOGUE NO. R6A21Hu

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.



THREAD CLASS 2A

UNIFIED SERIES

Size→	#2-56	#4-40	#6-32	#8-32	#10-24	#10-32 UNF	1/4"-20
Screw dia d1	0.086	0.112	0.138	0.164	0.190	0.190	0.250
	(2.18 mm)	(2.84 mm)	(3.51 mm)	(4.17 mm)	(4.83 mm)	(4.83 mm)	(6.35 mm)
Head Dia d2	min	0.142	0.188	0.235	0.282	0.329	0.437
	max	0.162	0.212	0.262	0.312	0.362	0.477
Head Ht k, Ref	0.037	0.049	0.06	0.072	0.083	0.083	0.110
Recess dia m Ref	0.088	0.018	0.148	0.162	0.178	0.178	0.240
Driver size	1	1	2	2	2	2	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	#10-32 UNF	1/4"-20
3/16"	R6A21Hu256148	R6A21Hu440148	R6A21Hu632148				
1/4"	R6A21Hu256162	R6A21Hu440162	R6A21Hu632162				
5/16"	R6A21Hu256179	R6A21Hu440179	R6A21Hu632179	R6A21Hu832179	R6A21Hu124179	R6A21v132179	R6A21Hu620179
3/8"	R6A21Hu256191	R6A21Hu440191	R6A21Hu632191	R6A21Hu832191	R6A21Hu124191	R6A21v132191	R6A21Hu620191
1/2"	R6A21Hu256113	R6A21Hu440113	R6A21Hu632113	R6A21Hu832113	R6A21Hu124113	R6A21v132113	R6A21Hu620113
5/8"	R6A21Hu256115	R6A21Hu440115	R6A21Hu632115	R6A21Hu832115	R6A21Hu124115	R6A21v132115	R6A21Hu620115
3/4"	R6A21Hu256119	R6A21Hu440119	R6A21Hu632119	R6A21Hu832119	R6A21Hu124119	R6A21v132119	R6A21Hu620119
7/8"	R6A21Hu256123	R6A21Hu440123	R6A21Hu632123	R6A21Hu832123	R6A21Hu124123	R6A21v132123	R6A21Hu620123
1"	R6A21Hu256125	R6A21Hu440125	R6A21Hu632125	R6A21Hu832125	R6A21Hu124125	R6A21v132125	R6A21Hu620125
1 1/8"		R6A21Hu440128	R6A21Hu632128	R6A21Hu832128	R6A21Hu124128	R6A21v132128	R6A21Hu620128
1 1/4"		R6A21Hu440131	R6A21Hu632131	R6A21Hu832131	R6A21Hu124131	R6A21v132131	R6A21Hu620131
1 1/2"		R6A21Hu440138	R6A21Hu632138	R6A21Hu832138	R6A21Hu124138	R6A21v132138	R6A21Hu620138
1 5/8"		R6A21Hu440141	R6A21Hu632141	R6A21Hu832141	R6A21Hu124141	R6A21v132141	R6A21Hu620141
1 3/4"		R6A21Hu440144	R6A21Hu632144	R6A21Hu832144	R6A21Hu124144	R6A21v132144	R6A21Hu620144
2"		R6A21Hu440151	R6A21Hu632151	R6A21Hu832151	R6A21Hu124151	R6A21v132151	R6A21Hu620151

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