



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



8310165941 / 9959457863



sales@royalfastenersindia.com



www.royalfastenersindia.com



TECHNICAL DATA SHEET

ALLEN SHCS CAPTIVE SCREW



MATERIAL- STAINLESS STEEL

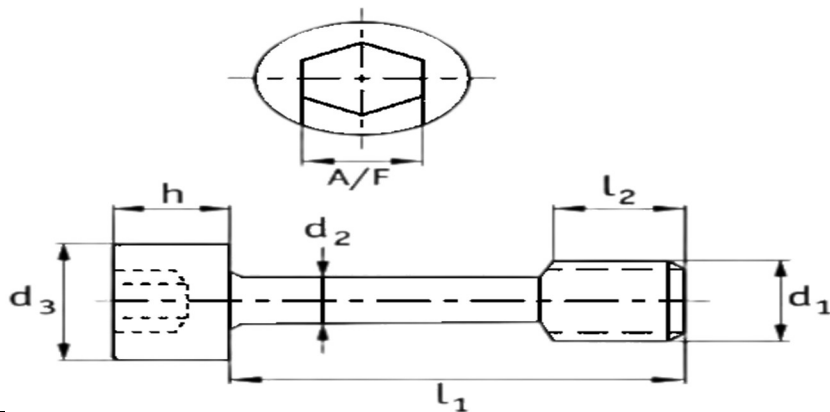
GRADE-SS304 (A2-70)

AS PER-NON-STANDARD

CATALOGUE NO. R4C47

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF ALLEN SHCS CAPTIVE SCREW AND MATCHING ALLEN KEY OR HEX WRENCH.
- ENSURE THE PANEL OR COMPONENT HAS A PROPERLY SIZED RETAINING HOLE TO ACCOMMODATE THE CAPTIVE FEATURE.
- CLEAN THE PANEL HOLE AND MATING SURFACES TO REMOVE ANY DUST, OIL, OR DEBRIS.
- INSERT THE CAPTIVE SCREW THROUGH THE PANEL SO THAT THE RETAINING RING OR SHOULDER ENGAGES SECURELY.
- VERIFY THAT THE SCREW MOVES FREELY WITHIN THE PANEL BUT CANNOT BE REMOVED COMPLETELY.
- ALIGN THE PANEL OR COMPONENT WITH THE MATING PART OR THREADED INSERT.
- INSERT THE ALLEN KEY INTO THE SOCKET OF THE SCREW HEAD FIRMLY.
- TURN THE ALLEN KEY CLOCKWISE TO TIGHTEN THE SCREW SECURELY INTO THE MATING THREAD.
- APPLY STEADY AND CONTROLLED FORCE TO AVOID DAMAGING THE SOCKET OR THREADS.
- DO NOT OVERTIGHTEN TO PREVENT THREAD DAMAGE OR PANEL DEFORMATION.
- INSPECT THE FINAL INSTALLATION TO CONFIRM THE CAPTIVE SCREW IS SECURELY FASTENED AND RETAINS ITS FREE MOVEMENT WITHIN THE PANEL WHEN LOOSENED.



Dia d1 Size →	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
d2 max	1.50	1.90	2.30	3.10	4.00	4.70
d2 min	1.30	1.70	2.10	2.80	3.60	4.40
l2 nom	3.00	4.00	5.00	6.00	8.00	10.00
h	2.00	2.50	3.00	4.00	5.00	6.00
d3	3.80	4.50	5.50	7.00	8.50	10.00

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

All Dimensions in mm

Length ↓ Dia→	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
8	R4C4702008	R4C4720508	R4C4703008	R4C4704008	R4C4705008	
10	R4C4702010	R4C4720510	R4C4703010	R4C4704010	R4C4705010	R4C4706010
12	R4C4702012	R4C4720512	R4C4703012	R4C4704012	R4C4705012	R4C4706012
14	R4C4702014	R4C4720514	R4C4703014	R4C4704014	R4C4705014	R4C4706014
16	R4C4702016	R4C4720516	R4C4703016	R4C4704016	R4C4705016	R4C4706016
18	R4C4702018	R4C4720518	R4C4703018	R4C4704018	R4C4705018	R4C4706018
20	R4C4702020	R4C4720520	R4C4703020	R4C4704020	R4C4705020	R4C4706020
22	R4C4702022	R4C4720522	R4C4703022	R4C4704022	R4C4705022	R4C4706022
25	R4C4702025	R4C4720525	R4C4703025	R4C4704025	R4C4705025	R4C4706025
30	R4C4702030	R4C4720530	R4C4703030	R4C4704030	R4C4705030	R4C4706030
35			R4C4703035	R4C4704035	R4C4705035	R4C4706035
40			R4C4703040	R4C4704040	R4C4705040	R4C4706040
45				R4C4704045	R4C4705045	R4C4706045
50				R4C4704050	R4C4705050	R4C4706050

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