



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

ALLEN SHCS CAPTIVE SCREW



MATERIAL- STAINLESS STEEL

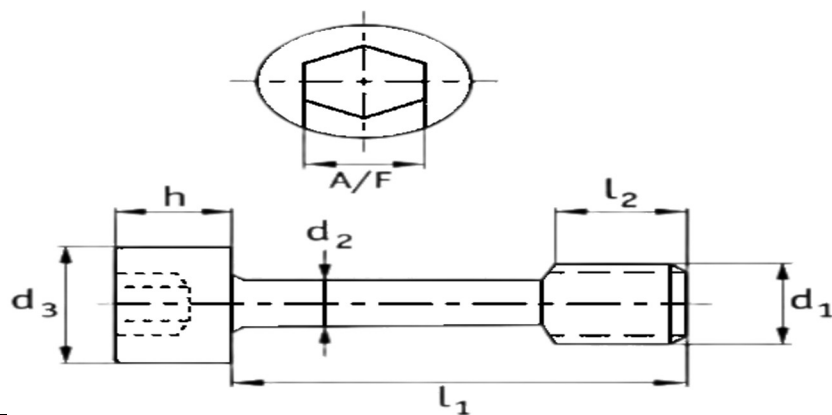
GRADE-SS316 (A4-70)

AS PER-NON-STANDARD

CATALOGUE NO. R6C47

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	R6C4702008	R6C4720508	R6C4703008	R6C4704008	R6C4705008	
10	R6C4702010	R6C4720510	R6C4703010	R6C4704010	R6C4705010	R6C4706010
12	R6C4702012	R6C4720512	R6C4703012	R6C4704012	R6C4705012	R6C4706012
14	R6C4702014	R6C4720514	R6C4703014	R6C4704014	R6C4705014	R6C4706014
16	R6C4702016	R6C4720516	R6C4703016	R6C4704016	R6C4705016	R6C4706016
18	R6C4702018	R6C4720518	R6C4703018	R6C4704018	R6C4705018	R6C4706018
20	R6C4702020	R6C4720520	R6C4703020	R6C4704020	R6C4705020	R6C4706020
22	R6C4702022	R6C4720522	R6C4703022	R6C4704022	R6C4705022	R6C4706022
25	R6C4702025	R6C4720525	R6C4703025	R6C4704025	R6C4705025	R6C4706025
30	R6C4702030	R6C4720530	R6C4703030	R6C4704030	R6C4705030	R6C4706030
35			R6C4703035	R6C4704035	R6C4705035	R6C4706035
40			R6C4703040	R6C4704040	R6C4705040	R6C4706040
45				R6C4704045	R6C4705045	R6C4706045
50				R6C4704050	R6C4705050	R6C4706050

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