



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

ALLEN SHCS



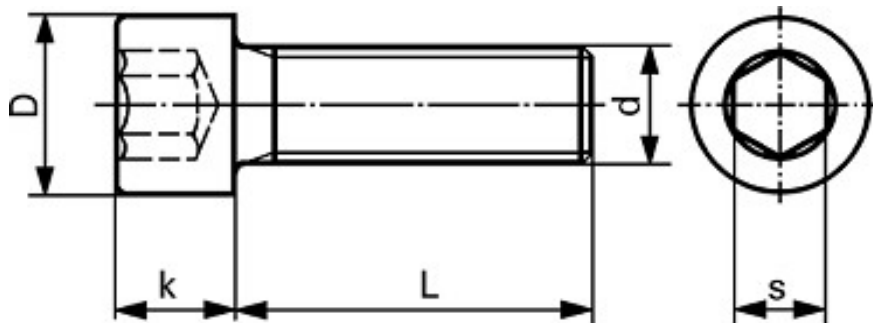
MATERIAL- NYLON PA66

AS PER- DIN-912

CATALOGUE NO. NYC39

INSTALLATION GUIDE

- VERIFY THE SCREW SIZE, THREAD PITCH, LENGTH, AND MATERIAL SPECIFICATION BEFORE INSTALLATION.
- INSPECT THE SCREW FOR CRACKS, DEFORMATION, OR THREAD DAMAGE.
- ENSURE THE MATING THREADED HOLE OR NUT IS CLEAN AND FREE FROM DUST, DEBRIS, AND BURRS.
- ALIGN THE SCREW WITH THE THREADED HOLE TO ENSURE PROPER ENGAGEMENT.
- START THREADING THE SCREW BY HAND TO PREVENT CROSS-THREADING.
- USE A SUITABLE ALLEN KEY OR HEX SOCKET THAT MATCHES THE SCREW DRIVE SIZE.
- TIGHTEN THE SCREW GRADUALLY WHILE MAINTAINING PROPER ALIGNMENT OF THE COMPONENTS.
- APPLY CONTROLLED TORQUE SUITABLE FOR THE NYLON MATERIAL AND APPLICATION.
- AVOID EXCESSIVE TIGHTENING, AS NYLON SCREWS MAY STRIP, CRACK, OR DEFORM UNDER HIGH TORQUE.
- ENSURE THE SCREW HEAD SEATS PROPERLY AGAINST THE MATING SURFACE.
- DO NOT USE DAMAGED TOOLS THAT MAY ROUND OR DAMAGE THE HEX SOCKET.
- VERIFY THAT THE SCREW LENGTH PROVIDES ADEQUATE THREAD ENGAGEMENT WITHOUT INTERFERING WITH OTHER COMPONENTS.
- ENSURE THE NYLON SCREW OPERATES WITHIN ITS SPECIFIED TEMPERATURE AND CHEMICAL RESISTANCE LIMITS.
- INSPECT THE FINAL ASSEMBLY TO CONFIRM PROPER ALIGNMENT, SECURE FASTENING, AND DAMAGE-FREE INSTALLATION.



Size →		M3x0.5	M4x0.7	M5x0.8	M6x1.0	M8x1.25	M10x1.5
Head dia D	max	5.50	7.00	8.00	9.50	12.00	15.30
	min	5.30	6.70	7.70	9.20	11.65	14.95
Socket A/F S		2.50	3.00	4.00	5.00	6.00	8.00
Head Height k	max	3.05	4.05	5.10	6.00	7.85	9.55
	min	2.85	3.80	4.85	5.70	7.45	9.15

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

All Dimensions in mm

Length ↓ Dia→	M3x0.5	M4x0.7	M5x0.8	M6x1.0	M8x1.25	M10x1.5
4	NYC3903004					
5	NYC3903005	NYC3904005				
6	NYC3903006	NYC3904006	NYC3905006			
8	NYC3903008	NYC3904008	NYC3905008	NYC3906008	NYC3908008	
10	NYC3903010	NYC3904010	NYC3905010	NYC3906010	NYC3908010	
12	NYC3903012	NYC3904012	NYC3905012	NYC3906012	NYC3908012	
15	NYC3903015	NYC3904015	NYC3905015	NYC3906015	NYC3908015	NYC3910015
16	NYC3903016					
18	NYC3903018					
20	NYC3903020	NYC3904020	NYC3905020	NYC3906020	NYC3908020	NYC3910020
25	NYC3903025	NYC3904025	NYC3905025	NYC3906025	NYC3908025	NYC3910025
30		NYC3904030	NYC3905030	NYC3906030	NYC3908030	NYC3910030
35		NYC3904035	NYC3905035	NYC3906035	NYC3908035	NYC3910035
40		NYC3904040	NYC3905040	NYC3906040	NYC3908040	NYC3910040
45			NYC3905045	NYC3906045	NYC3908045	NYC3910045
50			NYC3905050	NYC3906050	NYC3908050	NYC3910050
55				NYC3906055	NYC3908055	NYC3910055
60				NYC3906060	NYC3908060	NYC3910060
65						NYC3910065
70						NYC3910070
75						NYC3910075
80						NYC3910080
85						NYC3910085
90						NYC3910090
100						NYC3910100

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