



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

CSK PHILLIPS



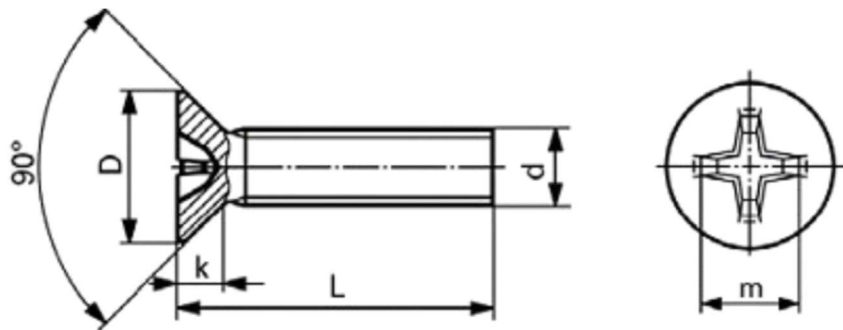
MATERIAL- NYLON PA66

AS PER- DIN-965

CATALOGUE NO. NYA21

INSTALLATION GUIDE

- VERIFY THE SCREW SIZE, LENGTH, AND THREAD TYPE MATCH THE APPLICATION REQUIREMENT.
- ENSURE THE COUNTERSINK ANGLE IN THE MATING PART MATCHES THE CSK HEAD ANGLE.
- CHECK THAT THE PILOT HOLE IS DRILLED TO THE CORRECT DIAMETER FOR NYLON THREAD ENGAGEMENT.
- INSPECT THE NYLON SCREW FOR CRACKS, BENDING, OR DEFECTS BEFORE INSTALLATION.
- ENSURE THE MATING SURFACE IS CLEAN, DRY, AND FREE FROM DEBRIS OR BURRS.
- ALIGN THE SCREW PERPENDICULAR TO THE HOLE BEFORE INSERTION.
- INSERT THE NYLON CSK PHILLIPS SCREW INTO THE HOLE.
- USE THE CORRECT SIZE PHILLIPS DRIVER FOR PROPER ENGAGEMENT AND CONTROL.
- APPLY STEADY AND CONTROLLED TORQUE WHILE TIGHTENING.
- ALLOW THE THREADS TO FORM PROPERLY WITHOUT CROSS-THREADING.
- ENSURE THE CSK HEAD SITS FLUSH WITH THE SURFACE AFTER INSTALLATION.
- DO NOT OVERTIGHTEN, AS NYLON CAN STRIP OR CRACK UNDER EXCESSIVE FORCE.
- AVOID USING POWER TOOLS UNLESS TORQUE CONTROL IS AVAILABLE.
- VERIFY THAT THE SCREW IS SECURE AND THE COMPONENT IS FIRMLY FIXED.
- INSPECT THE FINAL ASSEMBLY FOR FLUSH FINISH, ALIGNMENT, AND STABILITY.



Size→ Parameter↓		M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
Head Dia D	Max	3.60	4.60	5.80	8.10	8.90	10.70
	Min	3.25	4.25	5.25	7.70	8.40	10.10
Head Height k	Max	1.20	1.40	1.65	2.70	2.80	3.00
Drive Bit		PH1	PH1	PH1	PH2	PH2	PH3
Length Tolerance		≤6mm ±0.24, 7-10mm ±0.29, 11-16mm ±0.35, 20-30mm ±0.42, 35-50mm ±0.50					

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

All Dimensions in mm

Length↓ Size→	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
4	NYA2102004	NYA2120504	NYA2103004			
5	NYA2102005	NYA2120505	NYA2103005	NYA2104005		
6	NYA2102006	NYA2120506	NYA2103006	NYA2104006	NYA2105006	
8	NYA2102008	NYA2120508	NYA2103008	NYA2104008	NYA2105008	NYA2106008
10	NYA2102010	NYA2120510	NYA2103010	NYA2104010	NYA2105010	NYA2106010
12	NYA2102012	NYA2120512	NYA2103012	NYA2104012	NYA2105012	NYA2106012
15		NYA2120515	NYA2103015	NYA2104015	NYA2105015	NYA2106015
18			NYA2103018			
20		NYA2120520	NYA2103020	NYA2104020	NYA2105020	NYA2106020
25			NYA2103025	NYA2104025	NYA2105025	NYA2106025
30			NYA2103030	NYA2104030	NYA2105030	NYA2106030
35				NYA2104035	NYA2105035	NYA2106035
40				NYA2104040	NYA2105040	NYA2106040
45					NYA2105045	
50					NYA2105050	NYA2106050
60						NYA2106060

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