



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

PAN PHILLIPS



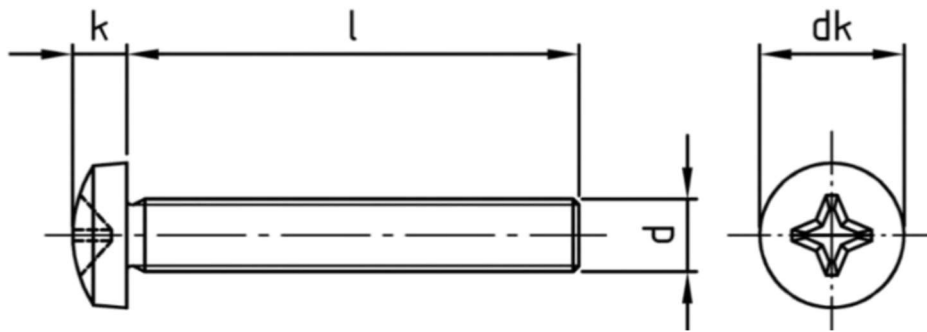
MATERIAL- NYLON PA66

AS PER- DIN-785

CATALOGUE NO. NYA14

INSTALLATION GUIDE

- VERIFY THE SCREW SIZE, LENGTH, AND THREAD TYPE AS PER APPLICATION REQUIREMENT.
- ENSURE THE MATING HOLE IS CLEAN AND CORRECTLY DRILLED FOR NYLON THREAD ENGAGEMENT.
- ALIGN THE COMPONENTS THAT NEED TO BE FASTENED BEFORE INSERTING THE SCREW.
- INSERT THE NYLON PAN PHILLIPS SCREW INTO THE HOLE AND START THREADING BY HAND TO AVOID CROSS-THREADING.
- USE A PHILLIPS SCREWDRIVER OF THE CORRECT SIZE TO TIGHTEN THE SCREW.
- **AVOID USING POWER TOOLS TO PREVENT THREAD DAMAGE OR SCREW HEAD DEFORMATION.
- APPLY REQUIRED FORCE CAREFULLY AS NYLON SCREWS HAVE LOWER TORQUE CAPACITY COMPARED TO METAL SCREWS.
- ENSURE THE SCREW SITS FLUSH ON THE SURFACE WITH THE PAN HEAD EVENLY SEATED.
- DO NOT OVER-TIGHTEN TO AVOID CRACKING OF PLASTIC COMPONENTS OR THREAD STRIPPING.
- CHECK FOR SECURE ENGAGEMENT AND VERIFY THAT THERE IS NO COMPONENT LOOSENESS AFTER TIGHTENING.



Parameter↓ Size→		M2x0.4	M2.5x0.45	M3x0.5	M4x0.7
Head Dia D	Max	3.60	4.50	5.60	6.80
	Min	3.30	4.20	5.30	6.40
Head Height k	Max	1.55	2.15	2.45	2.65
	Min	1.25	1.85	2.15	2.30
Drive Bit		PH1	PH1	PH1	PH2

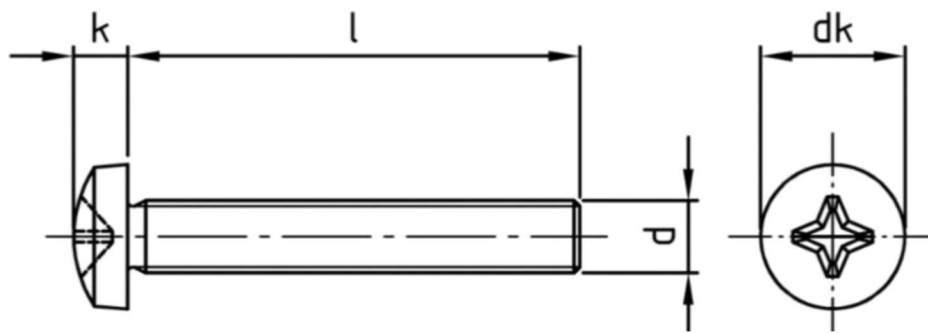
Quote the PART NUMBER given below with your order/ inquiries:

All Dimensions in mm

Length↓ Size→	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7
4	NYA1402004	NYA1420504	NYA1403004	
5	NYA1402005	NYA1420505	NYA1403005	NYA1404005
6	NYA1402006	NYA1420506	NYA1403006	NYA1404006
8	NYA1402008	NYA1420508	NYA1403008	NYA1404008
10	NYA1402010	NYA1420510	NYA1403010	NYA1404010
12	NYA1402012	NYA1420512	NYA1403012	NYA1404012
15		NYA1420515	NYA1403015	NYA1404015
18		NYA1420518	NYA1403018	NYA1404018
20		NYA1420520	NYA1403020	NYA1404020
25			NYA1403025	NYA1404025
30			NYA1403030	NYA1404030
35				NYA1404035
40				NYA1404040

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



Parameter↓ Size→		M5x0.8	M6x1.0	M8x1.25	M10x1.5
Head Dia D	Max	8.80	10.20	13.60	16.75
	Min	8.40	9.70	13.10	16.15
Head Height k	Max	3.35	3.75	5.15	6.85
	Min	3.00	3.40	4.80	6.45
Drive Bit		PH2	PH3	PH4	PH4

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

All Dimensions in mm

Length↓ Size→	M5x0.8	M6x1.0	M8x1.25	M10x1.5
6	NYA1405006			
8	NYA1405008	NYA1406008	NYA1408008	
10	NYA1405010	NYA1406010	NYA1408010	
12	NYA1405012	NYA1406012	NYA1408012	
15	NYA1405015	NYA1406015	NYA1408015	NYA1410015
20	NYA1405020	NYA1406020	NYA1408020	NYA1410020
25	NYA1405025	NYA1406025	NYA1408025	NYA1410025
30	NYA1405030	NYA1406030	NYA1408030	NYA1410030
35	NYA1405035	NYA1406035	NYA1408035	NYA1410035
40	NYA1405040	NYA1406040	NYA1408040	NYA1410040
45	NYA1405045	NYA1406045	NYA1408045	NYA1410045
50	NYA1405050	NYA1406050	NYA1408050	NYA1410050
55		NYA1406055	NYA1408055	NYA1410055
60		NYA1406060	NYA1408060	NYA1410060
65				NYA1410065
70				NYA1410070
75				NYA1410075
80				NYA1410080

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