




GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

# ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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## TECHNICAL DATA SHEET

### FLANGE NYLOCK NUT



**MATERIAL- STAINLESS STEEL**

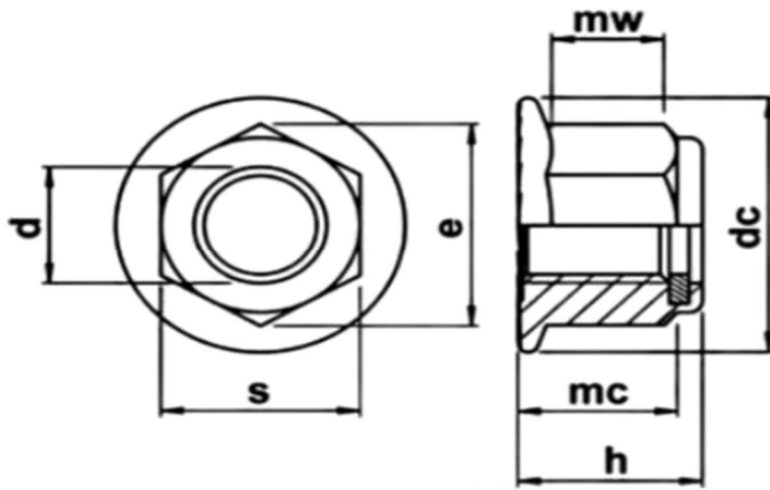
**GRADE-SS304 (A2)**

**AS PER-DIN-6926**

**CATALOGUE NO. R4D67F**

### INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF FLANGE NYLOCK NUT TO MATCH THE BOLT OR STUD THREAD SIZE AND PITCH.
- ENSURE THAT BOTH THE NUT AND BOLT THREADS ARE CLEAN, DRY, AND FREE FROM DUST, OIL, OR DEBRIS.
- ALIGN THE FLANGE NYLOCK NUT PROPERLY WITH THE BOLT OR STUD THREADS BEFORE INSTALLATION.
- HAND-TIGHTEN THE NUT IN A CLOCKWISE DIRECTION UNTIL YOU FEEL RESISTANCE FROM THE NYLON INSERT.
- USE A SUITABLE SPANNER OR SOCKET WRENCH THAT FITS THE HEX PORTION OF THE NUT SECURELY.
- TIGHTEN THE NUT GRADUALLY, ENSURING THAT THE FLANGE BASE IS SEATED EVENLY AGAINST THE MATING SURFACE.
- APPLY TORQUE USING A TORQUE WRENCH AS PER THE RECOMMENDED SPECIFICATIONS FOR YOUR APPLICATION.
- DO NOT OVERTIGHTEN TO AVOID DAMAGING THE NYLON INSERT OR STRIPPING THE THREADS.
- ENSURE AT LEAST TWO FULL THREADS OF THE BOLT PROTRUDE BEYOND THE NUT AFTER INSTALLATION FOR PROPER ENGAGEMENT.
- VERIFY THAT THE FLANGE PROVIDES EVEN LOAD DISTRIBUTION AND THAT THE NYLON INSERT IS SECURELY LOCKED ONTO THE THREADS.
- AVOID REUSING FLANGE NYLOCK NUTS AFTER REMOVAL, AS THE LOCKING PERFORMANCE DECREASES AFTER EACH USE.
- INSPECT THE FINAL ASSEMBLY TO CONFIRM A SECURE, STABLE, AND VIBRATION-RESISTANT CONNECTION.



**Note: Flange may be plain or serrated**

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

All Dimensions in mm

Nominal Size d	PART NO.	Width Across Flat		Outer Dia	Thread Length	Thickness	
Thread Size ↓		s Min	s Max	dc Max	mc Min	h Min	h Max
M4x0.7	R4D67F04000	6.78	7	10.00	3.70	5.80	6.00
M5x0.8	R4D67F05000	7.78	8	11.80	4.70	6.74	7.10
M6x1.0	R4D67F06000	9.78	10	14.20	5.70	8.74	9.10
M8x1.25	R4D67F08000	12.73	13	17.90	7.60	10.67	11.10
M10x1.5	R4D67F10000	14.73	15	21.80	9.60	13.07	13.50
M12x1.75	R4D67F12000	17.73	18	26.00	11.60	15.67	16.10
M14x2.00	R4D67F14000	20.67	21	29.90	13.30	17.68	18.20
M16x2.00	R4D67F16000	23.67	24	34.50	15.30	19.46	20.30
M20x2.50	R4D67F20000	29.16	30	42.80	18.90	23.96	24.80

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