



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



8310165941 / 9959457863



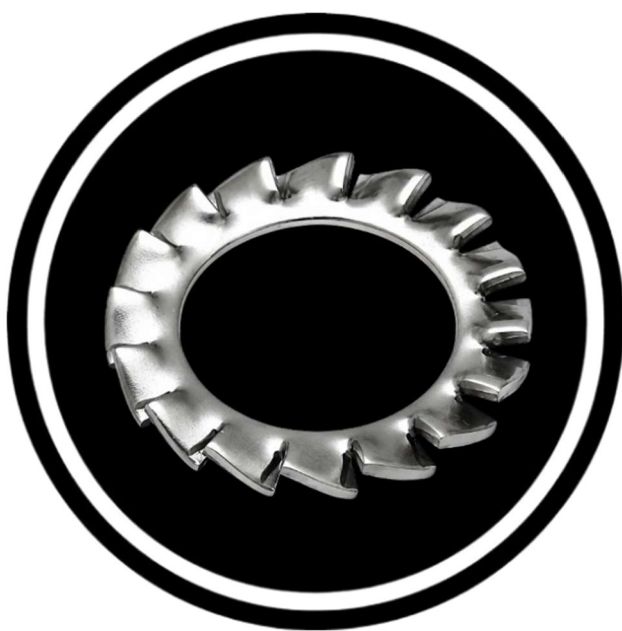
sales@royalfastenersindia.com



www.royalfastenersindia.com

TECHNICAL DATA SHEET

MULT-TOOTH EXTERNAL WASHER



MATERIAL- STAINLESS STEEL

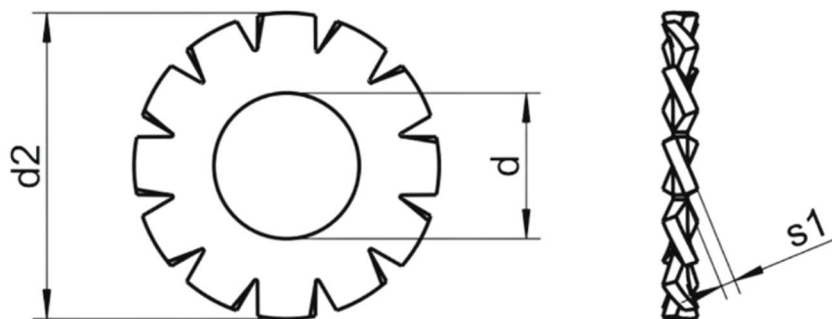
GRADE-SS316 (A4)

AS PER-DIN-6798 TYPE-A

CATALOGUE NO. R6G62E

INSTALLATION GUIDE

- VERIFY THE WASHER SIZE, INNER DIAMETER, AND OUTER DIAMETER MATCH THE FASTENER AND APPLICATION REQUIREMENT.
- INSPECT THE MULTI TOOTH EXTERNAL WASHER FOR BENT, DAMAGED, OR WORN TEETH BEFORE INSTALLATION.
- ENSURE THE MATING SURFACES ARE CLEAN, DRY, AND FREE FROM OIL, PAINT, OR DEBRIS.
- POSITION THE EXTERNAL TOOTH WASHER BETWEEN THE FASTENER HEAD OR NUT AND THE MATING SURFACE.
- ENSURE THE EXTERNAL TEETH FACE THE CONTACT SURFACE TO PROVIDE MAXIMUM GRIP.
- ALIGN THE WASHER PROPERLY AROUND THE FASTENER SHANK.
- INSERT THE SCREW OR BOLT THROUGH THE WASHER AND INTO THE MATING THREAD OR NUT.
- HAND-TIGHTEN THE FASTENER INITIALLY TO MAINTAIN CORRECT WASHER POSITIONING.
- TIGHTEN THE FASTENER USING THE APPROPRIATE TOOL TO THE SPECIFIED TORQUE.
- ALLOW THE EXTERNAL TEETH TO BITE INTO THE MATING SURFACE TO RESIST VIBRATION LOOSENING.
- DO NOT OVERTIGHTEN, AS EXCESSIVE FORCE MAY FLATTEN THE TEETH AND REDUCE LOCKING PERFORMANCE.
- VERIFY THAT THE WASHER REMAINS FLAT AND FULLY SEATED AFTER TIGHTENING.
- CHECK THAT THE FASTENER IS SECURE AND THAT THE WASHER PROVIDES EFFECTIVE ANTI-ROTATION LOCKING.
- INSPECT THE FINAL ASSEMBLY FOR PROPER SEATING, SECURE FASTENING, AND RELIABLE VIBRATION RESISTANCE.



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

All Dimensions in mm

Nominal Size	PART NUMBER	Inside Diameter d		Outside Diameter d2		Thickness s1		Minimum number of teeth
Bolt Size		Min	Max	Min	Max	Min	Max	
M1.6 [A1.7]	R6G62E10600	1.70	1.84	3.30	3.80	0.27	0.33	9
M2 [A2.2]	R6G62E02000	2.20	2.34	4.20	4.50	0.27	0.33	9
M2.2 [A2.5]	R6G62E20200	2.50	2.64	4.70	5.00	0.36	0.44	9
M2.5 [A2.7]	R6G62E20500	2.70	2.84	5.20	5.50	0.36	0.44	9
M3 [A3.2]	R6G62E03000	3.20	3.38	5.70	6.00	0.36	0.44	9
M3.5 [A3.7]	R6G62E30500	3.70	3.88	6.64	7.00	0.46	0.54	10
M4 [A4.3]	R6G62E04000	4.30	4.48	7.64	8.00	0.46	0.54	11
#10 [A5.1]	R6G62E05001	5.10	5.28	8.64	9.00	0.46	0.54	11
M5 [A5.3]	R6G62E05000	5.30	5.48	9.64	10.00	0.55	0.65	11
M6 [A6.4]	R6G62E06000	6.40	6.62	10.57	11.00	0.65	0.75	12
M7 [A.4]	R6G62E07000	7.40	7.62	12.07	12.50	0.75	0.85	14
5/16" [8.2]	R6G62E08001	8.20	8.42	13.57	14.00	0.75	0.85	14
M8 [A8.4]	R6G62E08000	8.40	8.62	14.57	15.00	0.75	0.85	14
M10 [A10.5]	R6G62E10000	10.50	10.77	17.57	18.00	0.85	0.95	16
M12 [A13]	R6G62E12000	13.00	13.27	19.98	20.50	0.94	1.06	16
M14 [A15]	R6G62E14000	15.00	15.27	23.48	24.00	0.94	1.06	18
M16 [A17]	R6G62E16000	17.00	17.27	25.48	26.00	1.14	1.26	18
M18 [A19]	R6G62E18000	19.00	19.33	29.48	30.00	1.34	1.46	18
M20 [A21]	R6G62E20000	21.00	21.33	32.38	33.00	1.34	1.46	20
M22 [A23]	R6G62E22000	23.00	23.33	35.38	36.00	1.42	1.58	20
M24 [A25]	R6G62E24000	25.00	25.33	37.38	38.00	1.42	1.58	20
M27 [A28]	R6G62E27000	28.00	28.33	43.38	44.00	1.52	1.68	22
M30 [A31]	R6G62E30000	31.00	31.39	47.38	48.00	1.52	1.68	22

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