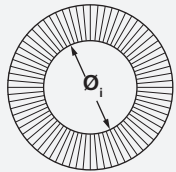


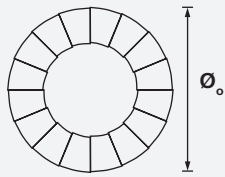
# ALLOY 718 ORIGINAL WASHERS

## DIMENSIONS

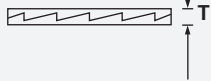
Surface hardened EN 2.4668  
or equivalent



NL4ss-718  
-NL8spss-718  
Ø<sub>i</sub> +/-0.1 mm  
NL3/8"ss-718  
-NL20ss-718  
Ø<sub>i</sub> +/-0.2 mm



NL4ss-718  
-NL20ss-718  
Ø<sub>o</sub> +/-0.2 mm



NL4ss-718  
-NL12ss-718  
(+ NL1/2"ss)  
T +/-0.4 mm  
NL12spss-718  
-NL20ss-718  
T +/-0.5 mm

Bolt size		Product designation	Ø <sub>i</sub> [mm]	Ø <sub>o</sub> [mm]	Thickness T [mm]	Approx. weight kg/100 pairs	Min. Package [pairs]
Metric	UNC						
M4	#8	NL4ss-718	4.4	7.6	2.3	0.043	200
M5	#10	NL5ss-718	5.4	9.0	2.3	0.059	200
M6		NL6ss-718	6.5	10.8	2.3	0.085	200
	1/4"	NL1/4"ss-718	7.2	11.5	2.3	0.092	200
M8	5/16"	NL8ss-718	8.7	13.5	2.3	0.120	200
M8	5/16"	NL8spss-718	8.7	16.6	2.3	0.220	200
	3/8"	NL3/8"ss-718	10.3	16.6	2.3	0.190	200
M10		NL10ss-718	10.7	16.6	2.3	0.175	200
M10		NL10spss-718	10.7	21.0	2.3	0.372	200
M12		NL12ss-718	13.0	19.5	2.3	0.230	200
M12		NL12spss-718	13.0	25.4	3.2	0.820	100
	1/2"	NL1/2"ss-718	13.5	19.5	2.3	0.238	200
M16	5/8"	NL16ss-718	17.0	25.4	3.2	0.679	100
	3/4"	NL3/4"ss-718	20.0	30.7	3.2	0.956	100
M20		NL20ss-718	21.4	30.7	3.2	0.820	100

Washers made from Alloy 718 have exceptional high yield, tensile and creep-rupture properties at elevated temperatures, as well as corrosion resistance. Therefore these washers are the best choice for high temperature applications including:

- Jet engines
- Gas turbines
- Nuclear reactors
- Pumps