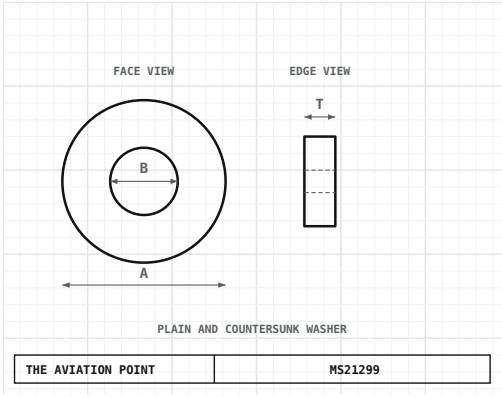
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MS21299 washer — plain and countersunk washer

Washer, Plain and Countersunk: nominal sizes and commonly stocked part numbers.



MS21299



Engineering drawing · dimensions in inches

Specification

Item	Value
Type	Flat washer
Status	Check the current issue before design use.

Part numbers

.1900 2 part numbers

Part no.	Type	A, outside dia.	B, inside dia.	C, csk. dia.
MS21299-3	Plain	.382	.193	—
MS21299C3	Countersunk	.382	.193	.285

.2500 2 part numbers

Part no.	Type	A, outside dia.	B, inside dia.	C, csk. dia.
MS21299-4	Plain	.486	.253	—
MS21299C4	Countersunk	.486	.253	.345

.3125 2 part numbers

Part no.	Type	A, outside dia.	B, inside dia.	C, csk. dia.
MS21299-5	Plain	.593	.316	—
MS21299C5	Countersunk	.593	.316	.407

.3750 2 part numbers

Part no.	Type	A, outside dia.	B, inside dia.	C, csk. dia.
MS21299-6	Plain	.707	.378	—
MS21299C6	Countersunk	.707	.378	.502

.4375 2 part numbers

Part no.	Type	A, outside dia.	B, inside dia.	C, csk. dia.
MS21299-7	Plain	.826	.441	—
MS21299C7	Countersunk	.826	.441	.564

.5000 2 part numbers

Part no.	Type	A, outside dia.	B, inside dia.	C, csk. dia.
MS21299-8	Plain	.945	.503	—
MS21299C8	Countersunk	.945	.503	.627

How to read the part number

Part	Meaning
Example	MS21299C3 — Countersunk washer, .1900 nominal size

Notes

- Countersunk washer: 45°; thickness .057 to .069 in both types.
- Part number written as the listing writes it; the standard governs the exact format.
- Approved data governs. Use the washer the SRM, drawing or IPC calls for.

SOURCES · MS21299 — Washer, Plain and Countersunk

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/washers/ms21299/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.

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