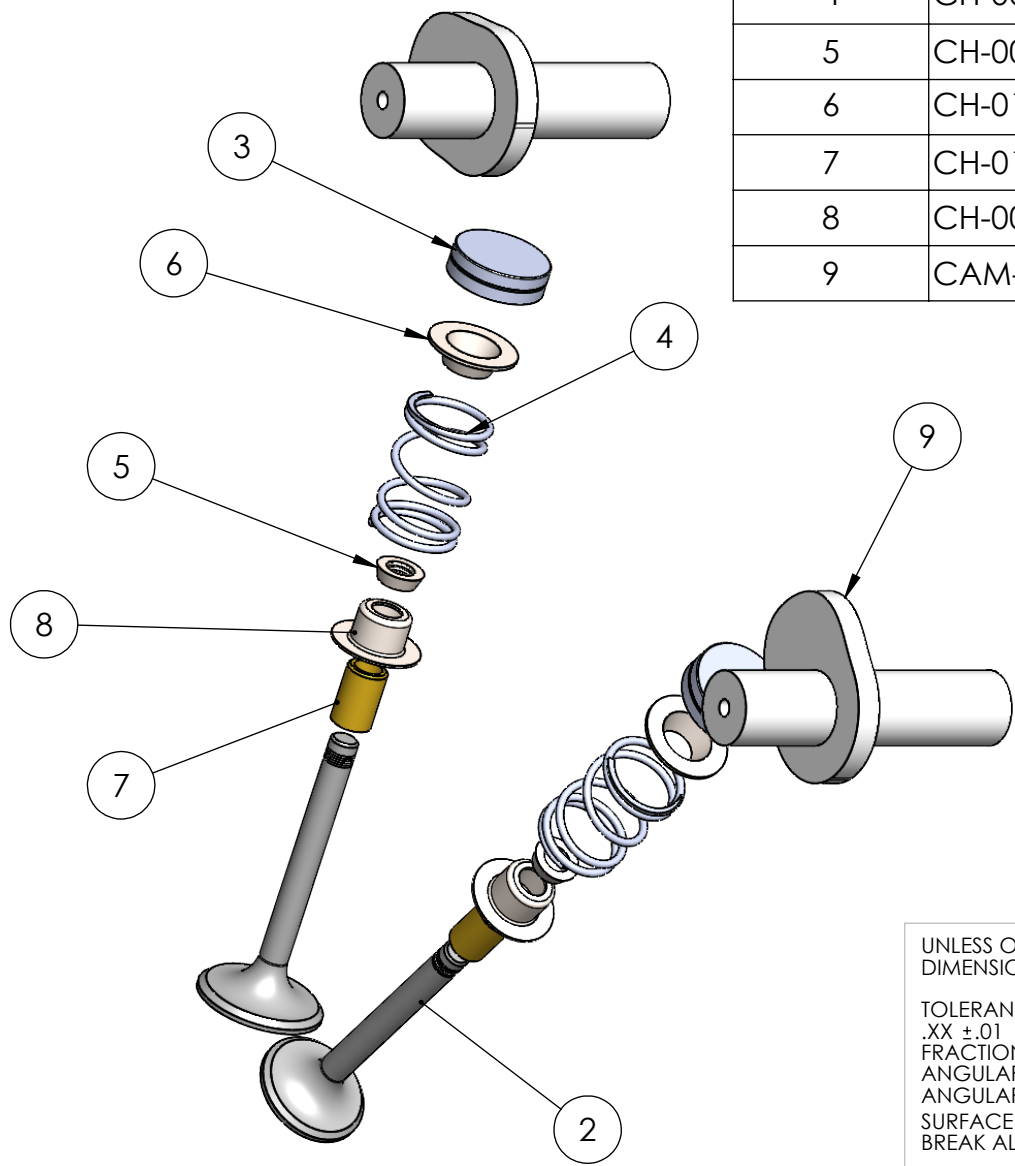


| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-------------|-------------------|------|
| 1 | CH-003 | Intake Valve | 1 |
| 2 | CH-004 | Exhaust Valve | 1 |
| 3 | CH-007 | Valve Tappets | 2 |
| 4 | CH-006 | Valve Spring | 2 |
| 5 | CH-009 | Valve Stem Mate | 2 |
| 6 | CH-010 | Valve Spring Mate | 2 |
| 7 | CH-011 | Valve Seat | 2 |
| 8 | CH-005 | Valve Retainer | 2 |
| 9 | CAM-001 | Camshaft | 2 |



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS IN INCHES

TOLERANCES:
.XX \pm .01 .XXX \pm .005
FRACTIONS \pm 1/64
ANGULAR MACHINED \pm .5°
ANGULAR BEND \pm 1°
SURFACE FINISH
BREAK ALL EDGES .030

DO NOT SCALE
SHEET 1 OF 1



CASE SCHOOL
OF ENGINEERING
CASE WESTERN RESERVE
UNIVERSITY

TITLE:

Timing Assembly

SIZE:

A

DATE:

12/11/2025

DRAWN BY:

N. Jackson

MATERIAL:

Various

PART #:

TA-001

REV:

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