



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 ±.01 .XXX ±.005
FRACTIONS ±1/64
ANGULAR MACHINED ±.5°
ANGULAR BEND ±1°
SURFACE FINISH
BREAK ALL EDGES .030



CASE SCHOOL
OF ENGINEERING

CASE WESTERN RESERVE
UNIVERSITY

TITLE:	Timing Assembly		
SIZE:	A	DATE:	DRAWN BY:
		12/11/2025	N. Jackson
MATERIAL:	Various		
PART #:	TA-001		
REV:	-		

DO NOT SCALE

SHEET 1 OF 1