MONOSEM Inc.
1001 Blake st. Edwardsville, KS 66111
913.438.1700 913.438.5455 (fax)

Description:
MS v A Sync chart and setting instructions for timing non-staggered units

Part No.: **550080**

REV	Description	ECN	Date
A	Schematic release	E00630	6/27/2016

TIMING INSTRUCTIONS

1. Remove meter covers and install the timing indicator #804060 on the meter that is being timed.
2. Turn the main hex shaft until all the slack is removed from the drive chains and the center of a disc hole is aligned with the end of the singulator on the non-timeable meter .
3. Locate the required offset angle in the left chart below. **Note:** If consecutive meteres are being timed, the offset angle will alternate between the number listed in the chart and zero for each subsequent meter. See the right chart below.
4. Loosen the top locking nut on the disc adjusting rod.
5. Using your fingers, push the meter disc CCW to remove any slack while adjusting the lower nut on adjusting rod, until the disc hole center matches the required offset angle on the indicator.
6. Tighten the top locking nut on the timing meter, replace the timing indicator with the original singulator, install covers.

Disc hole #	Offset angle
18	10
24	7.5
30	6
36	5
40	4.5
60	3

*The offset angle is half the angle between the seed holes. The formula to calculate the offset angle is: Offset angle = 180 ÷ (hole #).

*The table below shows an example of timing a group of 4 consecutive meters (meters are numbered starting at 1 on the left) with 30 cell seed discs. Meters 2 & 4 will require the same drop time so the offset angle will be the same.

Meter number	1	2	3	4
Timeable meter	No	Yes	Yes	Yes
Offset angle	N/A	6	0	6

Likewise, meter 3 is set at zero to drop seed the same time as meter #1.