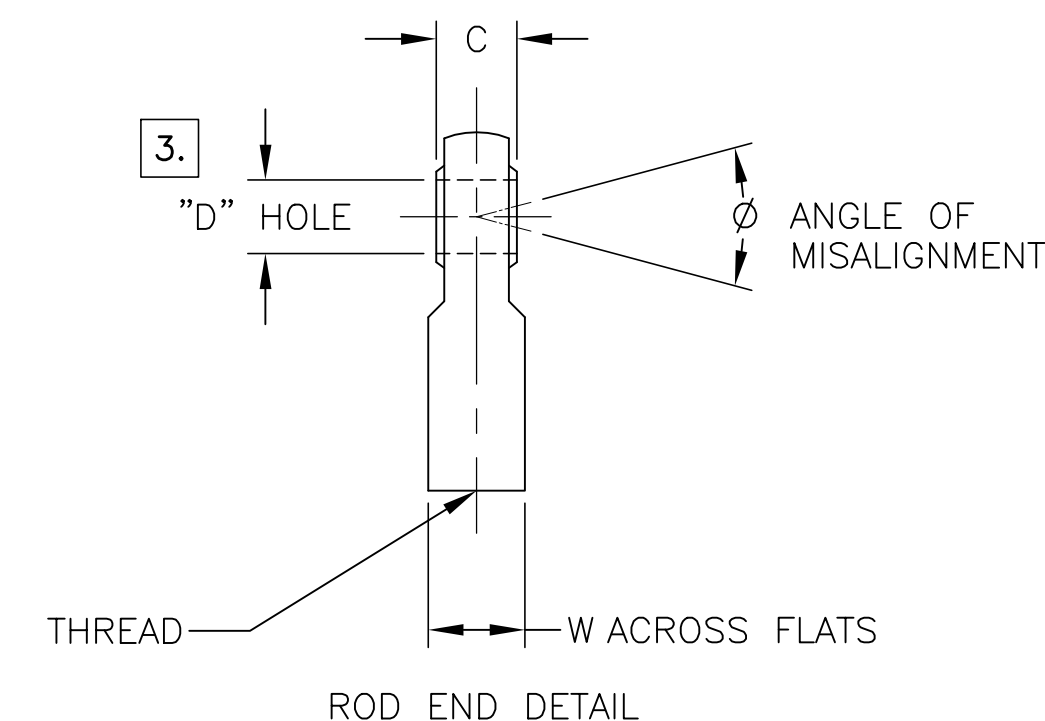
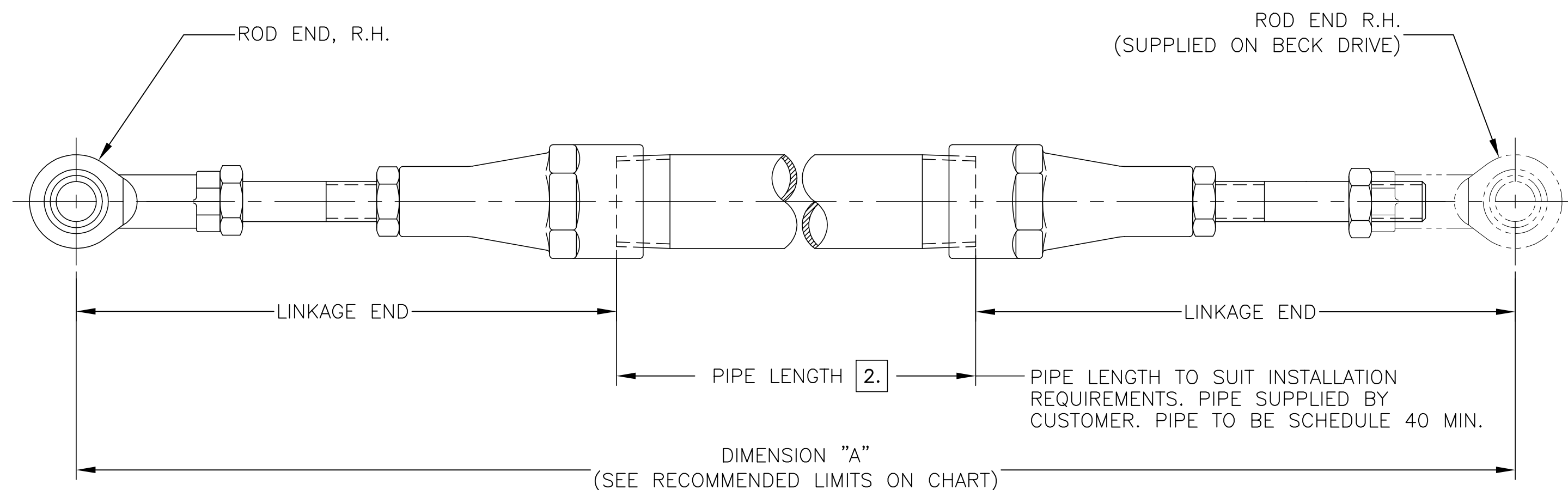


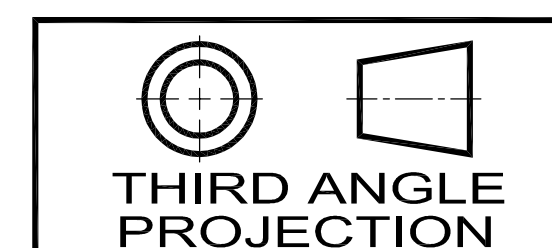
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NOTES:

1. NOMINAL DIMENSIONS ARE SHOWN FOR THE LINKAGE LENGTH RANGES. LINKAGE LENGTHS ARE ADJUSTABLE  $\pm 1\frac{1}{2}$ " [38] FOR ALL LENGTHS IN RANGE.
2. TO DETERMINE PIPE LENGTH, SUBTRACT THE VALUE IN "LENGTH OF 2 LINKAGE ENDS" COLUMN FROM DESIRED LINKAGE LENGTH "A".
3. TOLERANCE ON "D" HOLE MAY BE TIGHTER THAN STANDARD FASTENER BODY DIAMETER TOLERANCE. SELECT FASTENER TO FIT WITH MINIMUM CLEARANCE IN ROD END.
4. ALL DIMENSIONS ARE IN INCHES AND [MM] UNLESS OTHERWISE SPECIFIED. THREADS AND TAPPED HOLES ARE SPECIFIED AS UNIFIED THREAD SIZES ONLY.
5. SEE A.I.S.I. MANUAL, COLUMN LOADING SECTION, FOR DESIGN PARAMETERS.
6. FOR 11-430 AND 11-600 APPLICATIONS WHEN THE ANGLE BETWEEN THE LINKAGE AND CRANK ARM IS LESS THAN 25°, USE LINKAGE KIT 20-1760-09 OR LINKAGE KIT 20-1760-13.

BECK DRIVE MODEL NUMBER	ROD END THREAD	LINKAGE LENGTH RANGE "A" [1.]	BECK PIPE LINKAGE KIT PART NUMBER	PIPE SIZE & NPT THREAD	MIN. PIPE NIPPLE LENGTH	APPROX. WEIGHT LBS. [KGS.]	LENGTH OF 2 LINKAGE ENDS [2.]	ROD END DATA			
								C	"D" HOLE	Ø	W
11-150	1/2-20	22 [558.8]-84 [2133.6]	20-1730-05	1	1 1/2 [38.10]	5 [2.3]	20 1/2 [520.7]	.625 [15.875]	.500 [12.700]	12°	.750 [19.050]
		31 [787.4]-120 [3048.0]	20-1740-06	1 1/2	1 3/4 [44.45]	9 [4.1]	29 1/4 [743.0]				
11-200	1/2-20	22 [558.8]-45 [1143.0]	20-1730-05	1	1 1/2 [38.10]	5 [2.3]	20 1/2 [520.7]	.625 [15.875]	.500 [12.700]	12°	.750 [19.050]
		31 [787.4]-84 [2133.6]	20-1740-06	1 1/2	1 3/4 [44.45]	9 [4.1]	29 1/4 [743.0]				
		33 1/4 [844.6]-120 [3048.0]	20-1750-05	2	2 [50.80]	13 [5.9]	31 1/4 [793.8]				
		37 [939.8]-120 [3048.0]	20-1760-05	2 1/2	2 1/2 [63.50]	22 [10.0]	34 1/2 [876.3]				
11-300	5/8-18	22 1/2 [571.5]-36 [914.4]	20-1730-06	1	1 1/2 [38.10]	5 [2.3]	21 [533.4]	.750 [19.050]	.625 [15.875]	16°	.875 [22.225]
		31 1/2 [800.1]-72 [1828.8]	20-1740-07	1 1/2	1 3/4 [44.45]	9 [4.1]	29 3/4 [755.7]				
		33 3/4 [857.3]-96 [2438.4]	20-1750-06	2	2 [50.80]	13 [5.9]	31 3/4 [806.5]				
		37 1/2 [952.5]-120 [3048.0]	20-1760-06	2 1/2	2 1/2 [63.50]	22 [10.0]	35 [889.0]				
11-400	3/4-16	23 1/4 [590.6]-34 [863.6]	20-1730-07	1	1 1/2 [38.10]	5 [2.3]	21 3/4 [552.5]	.875 [22.225]	.750 [19.050]	14°	1.000 [25.400]
		32 1/4 [819.2]-48 [1219.2]	20-1740-08	1 1/2	1 3/4 [44.45]	9 [4.1]	30 1/2 [774.7]				
		34 1/2 [876.3]-72 [1828.8]	20-1750-07	2	2 [50.80]	13 [5.9]	32 1/2 [825.5]				
		38 1/4 [971.6]-120 [3048.0]	20-1760-07	2 1/2	2 1/2 [63.50]	22 [10.0]	35 3/4 [908.1]				
11-420	1-1/4-12	35 3/4 [908.1]-120 [3048.0]	20-1760-08	2 1/2	2 1/2 [63.50]	27 [12.3]	33 1/4 [844.6]	1.375 [34.925]	1.000 [25.400]	14°	1.500 [38.100]
11-430 11-500 11-600 22-300 22-400 22-800	1-1/2-12	23 1/2 [596.9]-40 [1016.0]	20-1760-13	2	2 [50.80]	28 [12.7]	21 1/2 [546.1]	1.312 [33.325]	1.500 [38.100]	6.5°	2.000 [50.800]
37 3/4 [958.9]-144 [3657.6]		20-1760-10	6. 3	2 5/8 [66.68]	32 [14.5]	35 1/8 [892.2]					
59 3/4 [1517.7]-144 [3657.6]		20-1760-09	3	2 5/8 [66.68]	41 [18.6]	57 1/8 [1451.0]					



SIZE: D

**HAROLD BECK & SONS INC**  
NEWTOWN INDUSTRIAL COMMONS NEWTOWN, PENNSYLVANIA 18940 USA

TITLE: **ASSEMBLY SELECTION CHART  
PIPE LINKAGE KIT**

DRAWN: DMS 11-20-07	SCALE: NONE	DRAWING NO: <b>18-9001-01o</b>	REV: <b>E</b>
CHECKED: GMD 11-30-07			
APPROVED: JHM 11-30-07		SHEET NO. 1 OF 1	