



SPECIFICATIONS												
NOM. SIZE	A	B	C	BOLT SIZE	PRESSURE RATING	TEMPERATURE RATING	PIPE/TUBE SIZES	PIPE/TUBE WALL THICKNESS	MATERIAL OF CONSTRUCTION	LAP JOINT FLANGE MATERIAL	O-RING MATERIAL	
2.00"	8.00"	4.00"	6.00"	5/8"-11 UNC	150 PSIG	-20°F TO 250°F	2"-12" NPS	NPS SIZES: SCH. 10, SCH. 40	300 SERIES STAINLESS STEEL	STAINLESS STEEL	BUNA-N	
3.00"	8.00"	4.00"	7.50"	5/8"-11 UNC								
4.00"	10.00"	5.00"	9.00"	5/8"-11 UNC			2"-12" O.D. TUBING	TUBING: 1/8" OR 1/4"	CARBON STEEL	GALVANIZED CARBON STEEL		VITON
5.00"	10.00"	5.00"	10.00"	3/4"-10 UNC								
6.00"	10.00"	5.00"	11.00"	3/4"-10 UNC			OTHER ALLOYS BY REQUEST					SILICONE
8.00"	10.00"	5.00"	13.50"	3/4"-10 UNC								
10.00"	10.00"	5.00"	16.00"	7/8"-9 UNC			OTHER MATERIALS BY REQUEST					
12.00"	10.00"	5.00"	19.00"	7/8"-9 UNC								

GENERAL TOLERANCES
 UNLESS OTHERWISE SPECIFIED THE FOLLOWING SHALL APPLY
 MACHINING - XX± .02 XXX± .005 ANGLES - 30°
 SURFACE ROUGHNESS HEIGHT 63 MICRONS OR LESS
 FABRICATION - UNDER 6 6 TO 24 24 TO 60 OVER 60
 ± .06 ± .12 ± .19 ± .25
 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
 UNLESS SPECIFIED DIMENSIONS & TOLERANCES INTERPRETED
 PER ASME Y14.5-2009



REV. NO.	DESCRIPTION	DATE	BY
REVISIONS			
CUSTOMER:			
CUSTOMER PO NUMBER:			
YOUNG JOB NUMBER:			
TITLE			
YOUNG INDUSTRIES STYLE HP, SELF ALIGNING FLANGE SETS WITH BACK UP FLANGES (150 PSIG)			
 YOUNG INDUSTRIES MUNCY, PENNSYLVANIA 17756 TELEPHONE: 570-546-3165			
DRAWN BY: JPR		DATE: 08/30/24	
CHECKED BY:		SCALE=1:1	
DRAWING NUMBER		SHEET	REV:
D-21404-39		1 OF 1	00