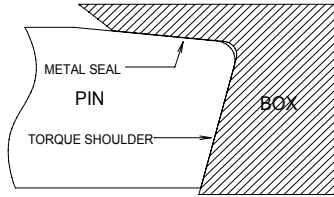
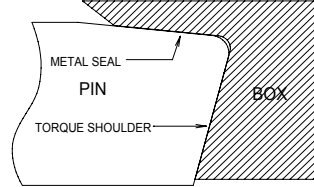


INTERCHANGEABILITY RULES

Rule 1. Connection ID. When mixing weights that are interchangeable, there will be a step in the ID of the connection if the weights have different connection IDs. The step will be approximately equal to one-half the difference in the connection IDs. **VAM TOP HC** and **VAM TOP HT** connections have smaller ID's than standard **VAM TOP** connections. **VAM ACE Modified** connections have smaller ID's than standard **VAM ACE** connections.



Pin lighter weight. Step on coupling shoulder.



Box lighter weight. Step on pin shoulder.

Rule 2. Make-up Torque – To avoid yielding of the lighter weight, the following rules apply:

- 2.1. If there is an overlap in the torque range for the two weights, use a make-up torque that satisfies both weights.
- 2.2. If the torque ranges do not overlap, use the maximum torque of the lower range as "Optimum" with a tolerance of +/-5%.

NEW VAM

All weights are interchangeable within each size.

VAM ACE

All weights are interchangeable within each size. In addition, **VAM ACE Modified** is interchangeable with **VAM ACE**, (See Rules #1 & #2).

VAM TOP

For $2\frac{3}{8}$ " to $4\frac{1}{2}$ ", interchangeable weights are shown below. For sizes ≥ 5 " OD, all weights are interchangeable within each size.

Size	Interchangeable Weights, ppf	Interchangeable Weights, ppf	Interchangeable Weights, ppf
$2\frac{3}{8}$ "	4.60, 5.10	5.80, 6.30, 6.60, 7.35	-----
$2\frac{7}{8}$ "	6.40	7.80, 8.60, 9.35, 9.80, 10.50, 10.70	11.50
$3\frac{1}{2}$ "	6.50, 7.70, 9.20, 10.20	12.70, 13.70, 14.30, 14.70	15.50, 16.70
4"	8.20, 9.50, 10.90, 12.10, 13.20	14.80, 16.10, 16.50	18.90, 22.20
$4\frac{1}{2}$ "	10.50, 11.60, 12.60, 13.50, 15.10	17.00, 17.70, 18.90	21.50, 23.70

VAM TOP HC -- VAM TOP HT

For sizes ≥ 5 " OD, **VAM TOP HC** and **VAM TOP HT** are interchangeable with **VAM TOP**. (See Rules #1 & #2).

IMPORTANT NOTE: FOR $4\frac{1}{2}$ " OD ONLY, VAM TOP HC AND VAM TOP HT ARE NOT INTERCHANGEABLE WITH STANDARD VAM TOP.

VAM SLIJ-II

VAM SLIJ II connections of different weights are not interchangeable.

VAM FJL

VAM FJL connections of different weights are not interchangeable.

Note – Any VAM connections designated with an “-Nx” suffix, (where x=a,b,c,...), are not interchangeable with standard products. Connections with a “Kx” suffix, (x=a,b,c,...), are interchangeable with standard products.

If in doubt, please contact VAM USA at 281-821-5510 for assistance.