

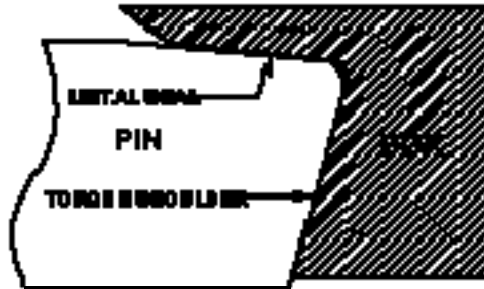
INTERCHANGEABILITY RULES FOR VAM CONNECTIONS

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 IDs than standard **VAM TOP** connections. **VAM ACE Modified** connections have smaller IDs 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, apply the following rules:

- 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 a make-up torque that does not exceed the maximum make-up torque of the lower range.

NEW VAM

All weights are interchangeable within each size.

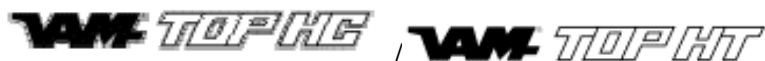
VAM-ACE

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

VAM TOP

For 2³/₈" to 4¹/₂", interchangeable weights are shown below. For sizes ≥ 5" OD, all weights are interchangeable within each size.

Size	Interchangeable Weights	Interchangeable Weights	Interchangeable Weights
2 ³ / ₈ "	4.60, 5.10	5.80, 6.30, 6.60, 7.35	-----
2 ⁷ / ₈ "	6.40	7.80, 8.60, 9.35, 9.80, 10.50, 10.70	11.50
3 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 ¹ / ₂ "	10.50, 11.60, 12.60, 13.50, 15.10	17.00, 17.70, 18.90	21.50, 23.70



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

Important note: For 4½" OD only, VAM TOP HC and VAM TOP HT are NOT interchangeable with standard VAM TOP.



VAM SLIJ II connections of different weights are not interchangeable.



VAM FJL connections of different weights are not interchangeable.



Interchangeable weights for DINO VAM are shown below:

Size	Interchangeable Weights	Interchangeable Weights
9 ⁵ / ₈ "	36 40 43,5 47 53,5 58,4	59,1 61,1 64,9 70,3 71,8
9 ³ / ₄ "	59,2 60,2	
9 ¹ / ₈ "	62,8 66,4 67,5 68,9 70,5	
10 ³ / ₄ "	40,5 45,5 51 55,5 60,7 65,7	66,15 73,2 76,1 79,2
11 ³ / ₄ "	47 54	60 65 71
11 ¹ / ₈ "	71,8	
13 ³ / ₈ "	54,5 61 68 72	77 80,7 85 86
13 ⁵ / ₈ "	88,2	
14"	82,5 86 93 94,8 99 100 106 114	
16"	65 75 84 84,8	94,5 97 104 109 128

Considering a given OD, different weights of DINO VAM connections are interchangeable ONLY if they appear to be in the same cell in the table above.

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.

To get more information : mr.help@vamservices.com