## 400 SERIES hard seat VALVES



THIS VALVE IS THE WORK-HORSE OF THE INDUSTRY... and is fast becoming the standard that other hard seat needle valves are judged against.

- Metal to metal hard seat design is 100% Helium leak tested to 1 x 10-4 ml/s.
- 10,000 psi pressure rating (@200°F maximum).
- Blow out proof stem that provides a secondary stem seal in the full open position.
- Stem packing below the threads prevents thread galling & corrosion.
- Viton O-Ring & Teflon back-up ring stem seals.
- All 316SS stems (even in steel valves) for longer life.
- Stem and bonnet threads are rolled for greater strength and smoother operation.

- Angled stem for precise flow metering.
- One piece bonnet with a metal to metal seal to the valve body below the bonnet threads.
- · Bonnet lock pin to prevent accidental loosening.
- · Vinyl bonnet & stem dust cap.
- Optional panel mount bonnet and panel nuts.
- Electroless Nickel plated finish on carbon steel valves.
- · Electropolish finish on stainless steel valves.

## **Ordering Information**

PART NUMBER	CONNECTION	MATERIAL
402 MFC	1/4 NPT Male-Female	Steel
404 MFC	1/2 NPT Male-Female	Steel
406 MFC	3/4 NPT Male-Female	Steel
408 MFC	1 NPT Male-Female	Steel
410 MFC	1-1/4 NPT Male-Female	Steel
412 MFC	1-1/2 NPT Male-Female	Steel
402 MFS	1/4 NPT Male-Female	Stainless Steel
404 MFS	1/2 NPT Male-Female	Stainless Steel
406 MFS	3/4 NPT Male-Female	Stainless Steel
408 MFS	1 NPT Male-Female	Stainless Steel
410 MFS	1-1/4 NPT Male-Female	Stainless Steel
412 MFS	1-1/2 NPT Male-Female	Stainless Steel
402 FFC	1/4 NPT Female-Female	Steel
403 FFC	3/8 NPT Female-Female	Steel
404 FFC	1/2 NPT Female-Female	Steel
406 FFC	3/4 NPT Female-Female	Steel
408 FFC	1 NPT Female-Female	Steel
410 FFC	1-1/4 NPT Female-Female	Steel

PART NUMBER	CONNECTION	MATERIAL
412 FFC	1-1/2 NPT Female-Female	Steel
442 FFC	*7/16 -20 UNF-2B Female-Female	Steel
402 FFS	1/4 NPT Female-Female	Stainless Steel
403 FFS	3/8 NPT Female-Female	Stainless Steel
404 FFS	1/2 NPT Female-Female	Stainless Steel
406 FFS	3/4 NPT Female-Female	Stainless Steel
408 FFS	1 NPT Female-Female	Stainless Steel
410 FFS	1-1/4 NPT Female-Female	Stainless Steel
412 FFS	1-1/2 NPT Female-Female	Stainless Steel
442 FFS	*7/16 -20 UNF-2B Female-Female	Stainless Steel
402 MFAC	1/4 NPT Female-Female Angle	Steel
404 MFAC	1/2 NPT Male-Female Angle	Steel
402 MFAS	1/4 NPT Male-Female Angle	Stainless Steel
404 MFAS	1/2 NPT Male-Female Angle	Stainless Steel
402 FFAC	1/4 NPT Female-Female Angle	Steel
404 FFAC	1/2 NPT Female-Female Angle	Steel
402 FFAS	1/4 NPT Female-Female Angle	Stainless Steel
404 FFAS	1/2 NPT Female-Female Angle	Stainless Steel

When ordering options please refer to the Part Number Construction guide below for the appropriate suffix. Please note that the standard O-Ring in all the **NOSHOK** Valves are Viton® and the standard handles are: "T" handles. \* SAE J1926-4 O-Ring Port.

