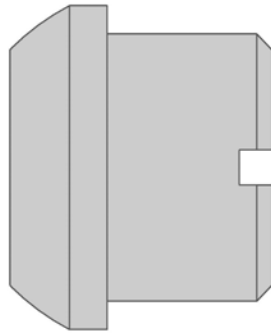


**J.H. SEMP AND SONS,
MACHINING, INC.**

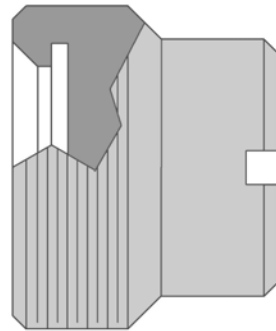
**790 NORTH NINTH AVENUE
BRIGHTON, COLORADO 80603
PHONE: (303)659-8480
FAX: (303)659-8268
WWW.SEMPANDSONS.COM**

**HIGH-PRESSURE WELL
STIMULATION
COMPONENTS**

BULL PLUG



**MALE
BULL
PLUG**



**FEMALE
BULL
PLUG**

CONNECTION AND SIZE	MALE PLUG	FEMALE PLUG
1" - 1502	35-105-2	36-105-1
1 ½" - 1502	35-115-2	36-115-1
2" - 1502	35-215-2	36-215-1
3" - 1002	35-310-2	36-310-1
3" - 1502	35-315-2	36-315-1
4" - 602	35-406-2	36-406-1
4" - 1002	35-410-2	36-410-1

**BULL PLUGS WITH A ½" N.P.T. END CONNECTION
ARE ALSO AVAILABLE**