



## RAMCO KNUCKLE JOINT SWAB

Casing Dia.	Joint Size On Top Side	Wrench Sq.	Weight
4 1/2" - 5 1/2"	2 1/4" - 8 API	2 1/4"	70#
4 1/2" - 5 1/2"	2 5/8" - 7 API	2 3/4"	70#