

## Connection Data Sheet

Pipe OD		Material	Pipe ID		Wall Thickness		Weight	Static Tensile	Static Pressure	*Allowable Bend	Recommended Make-up Torque (ft-lb)		
Inches	mm	Grade	Inches	mm	Inches	mm	Kg/m	Tonnes	PSI	deg/30m	Min	Optimum	Max
5-9/16"	141.3	J55	5.059	128.5	.251	6.4	21.29	30	1,600	36	3,000	3,400	3,900
6-5/8"	168.3	J55	6.122	155.5	.251	6.4	25.55	36	1,600	22	3,600	4,000	4,600
7"	177.8	J55	6.366	161.7	.316	8.05	34.23	52	2,000	21	4,500	5,000	6,500
8-5/8"	219.1	J55	7.976	202.6	.322	8.2	42.65	64	2,000	17	5,800	5,300	6,800
10-3/4"	273.1	J55	10.015	254.4	.336	9.3	60.5	92	1,400	13	8,000	10,500	12,000
5-9/16"	141.3	X42	5.059	128.5	.251	6.4	21.29	22	1,600	31	3000	3400	3900
6-5/8"	168.3	X42	6.122	155.5	.251	6.4	25.55	28	1,600	17	3,600	4,000	4,600
7"	177.8	X42	6.366	161.7	.316	8.05	34.23	28	2,000	16	4,500	5,000	6,500
8-5/8"	219.1	X42	7.976	202.6	.322	8.2	42.65	54	2,000	13	5,800	5,300	6,800
8-5/8"-80	219.1	X42	7.63	193.68	.5	12.7	64.64	81	2,000	13	5,800	5,300	6,800
8-5/8"-120	219.1	X42	7.19	182.6	.718	18.24	90.44	107	2,000	14	5,800	5,300	6,800
10-3/4"	273.1	X42	10.015	254.4	.336	9.5	60.5	81	1,400	10	8,000	10,500	12,000
12-3/4"	323.9	X42	12.	304.8	.374	9.53	73.65	92	1,400	8	10,000	12,000	14,000
14"	355.6	X42	13.248	336.5	.375	9.53	81.08	101	1,400	8	11,000	12,500	14,000
16"	406.4	X42	15.248	387.3	.375	9.53	92.98	116	1,600	7	12,000	14,000	16,000
18"	457	X42	17.244"	438	.375	9.53	104.84	131	1,600	6	12,500	14,500	16,500
20"	508	X42	19.248	488.9	.375	9.53	116.78	160	1,600	5	13,500	14,500	17,000
6-5/8"	168.3	316 SS	6.065	154.05	.28	7.11	25.55	20	-	12	1,000	1,500	2,500
8-5/8"	219.1	316 SS	7.98	202.7	.322	8.18	42.65	35	-	9	3,000	5,000	6,000
10-3/4"	273.1	316 SS	10.015	254.4	.336	9.5	60.5	50	-	7	4,000	4,500	5,500

**\* Allowable Bend is Determined at Zero Static Tensile Load. Static Tensile Load is Determined at Zero Allowable Bend\***

Recommended Maximum Connection Static Tensile Load for Connection Sizes All carbon steel grades conform to API 5LB or 5CT specifications.

These values were calculated in accordance with API-5C3 and have a design safety factor of 1.3 as suggested by the Code of practice for constructing and abandoning coal seam gas wells and associated bores in Queensland.



### Designed for Performance and Ease of Use

Sharpe **SCF** casing connections have been designed to provide a rugged, fast running high performance connection for surface, intermediate, production, goaf well and liners applications.

Sharpe integrally thread **SCF** providing a pressure tight flush internal and external connection, reducing the risks and issues associated with welded on connections to the pipe body.

- Designed for pipe diameters from 5-9/16" to 20"
- Easy deep stabbing & reduced risk of cross-threading
- Quick make-up, 4.5 turns to shoulder
- Fully engineered and tested
- Connection tested to pipe body pressures
- High torque and tensile load capabilities
- Anti-gall treated connections to improve multi run capabilities
- Supported with a full range of accessories
- Manufactured using API J55, K55, 5LB X42, or 316SS material
- Available in standard or galvanised finish
- Additional sizes available upon request