



***Tubing & Casing Couplings***

# COUPLINGS

Duxaoil manufactures couplings with seamless steel pipes under API 5CT quality standards.

Couplings are manufactured under requirements of tubing, casing, line pipe with diameters of 1/2" and 13 3/8", under API 5CT regulations.

For their production, Duxaoil uses raw material under API standards, using CNC technology and latest generation toolkit. Every part is controlled with measures by dimension attribute.



## ISO 11960 / API 5CT

### size & weight of API coupling

diameter	thread type	size (OD*L) mm	weight Kg.
2 3/8"	NUE	73.02 x 107.95	1.28
2 3/8"	EUE	77.80 x 123.82	1.55
2 7/8"	NUE	88.90 x 130.18	2.34
2 7/8"	EUE	93.17 x 133.35	2.40
3 1/2"	NUE	107.95 x 142.88	3.71
3 1/2"	EUE	114.30 x 146.05	4.10
4"	NUE	120.65 x 146.05	4.35
4"	EUE	127.00 x 152.40	4.82
4 1/2"	NUE	132.08 x 155.58	4.89
4 1/2"	EUE	141.30 x 158.75	6.05
4 1/2"	STC	127.00 x 128.75	5.23
4 1/2"	LTC	127.00 x 177.08	4.15
4 1/2"	BTC	127.00 x 225.42	4.55
5"	STC	141.30 x 165.10	4.66
5"	LTC	141.30 x 196.85	5.75
5"	BTC	141.30 x 231.78	5.85
5 1/2"	STC	153.67 x 171.45	5.23
5 1/2"	LTC	153.67 x 203.20	6.42
5 1/2"	BTC	153.67 x 234.95	6.36
6 5/8"	STC	187.71 x 184.15	9.12
6 5/8"	LTC	187.71 x 222.25	11.34
6 5/8"	BTC	187.71 x 244.48	11.01
7"	STC	194.46 x 184.15	8.39
7"	LTC	194.46 x 228.60	10.89
7"	BTC	194.46 x 254.00	10.54
7 5/8"	STC	215.90 x 190.50	12.30
7 5/8"	LTC	215.90 x 234.95	15.63
7 5/8"	BTC	215.90 x 263.52	15.82
8 5/8"	STC	244.47 x 196.85	17.15
8 5/8"	LTC	244.47 x 196.85	17.15
8 5/8"	BTC	244.47 x 269.87	20.87
9 5/8"	STC	269.88 x 196.85	18.03
9 5/8"	LTC	269.88 x 266.70	25.45
9 5/8"	BTC	269.88 x 269.88	23.16
10 3/4"	STC	298.49 x 203.20	20.79
10 3/4"	BTC	298.49 x 269.88	25.75
11 3/4"	STC	323.85 x 203.20	22.65
11 3/4"	BTC	323.85 x 269.88	28.05
13 3/8"	STC	365.125 x 203.20	25.68
13 3/8"	BTC	365.125 x 269.88	31.79

**couplings**

**tubing**

diameter	steel	thread
2 3/8"	J/K55 N/L80 P110	8RD
2 7/8"	J/K55 N/L80 P110	8RD
3 1/2"	J/K55 N/L80 P110	8RD

**line pipe**

diameter	steel	thread
2"	J55	11,5 HPP
2 1/2"	J55	8 HPP
3"	J55	8 HPP

**casing**

diameter	steel	thread
5 1/2"	J/K55 N/L80 P110	BTC
7"	J/K55 N/L80 P110	BTC
9 5/8"	J/K55 N/L80 P110	BTC



**mechanical properties**

API grades	yield strength		tensile strength	hardness
	min PSI	max PSI	min PSI	max HRC
J55	55.000	80.000	75.000	
K55	55.000	80.000	95.000	
N80	80.000	110.000	100.000	
L80	80.000	95.000	95.000	23
L80 9cr	80.000	95.000	95.000	23
L80 13 cr	80.000	95.000	95.000	23
P110	110.000	140.000	125.000	25,4

**size for NPT coupling**

size (inch)	length W (mm)	outside diameter (mm)		thread length (mm)	
		serie 3000	serie 6000	serie 3000	serie 6000
1/4"	35	19	25	8.1	10.2
3/8"	38	22	32	9.1	10.4
1/2"	48	28	38	10.9	13.6
3/4"	51	35	44	12.7	13.9
1"	60	44	57	14.7	17.3
1 1/4"	67	57	64	17.0	18.0
1 1/2"	79	64	76	17.8	18.4
2"	86	76	95	19.0	19.2
2 1/2"	92	92	108	23.6	28.9
3"	108	108	127	25.9	30.5
4"	121	140	159	27.7	33.0