

GEARENCH®

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PRODUCT BULLETIN PB-SCT01 Rev. A PETOL SURGRIP CASING TONGS

April 23, 2010

The following maximum torque and line pull ratings supersede all previously published ratings.

This change in rating is only to increase the life of the belt. There is no change in the mechanical or material properties of the belt or steel components of the tongs.

All belts which may have been used at loads above the maximums shown below should be visually inspected. All belts with indications of exposed fibers, cut fibers, or fibers protruding through the coating should be removed from service and replaced.

The maximum working loads as shown in the following tables are effective immediately.

SCT1020 With green belts (0.294 thick 19 cords wide)

Diameter	Belt Part Number	Torque Arm Length (inches)	Maximum Torque (foot-pounds)	Maximum Line Pull (pounds)
9 5/8	SCTB1020-0958	46.31	49,400	12,800
9 7/8	SCTB1020-0978	46.44	49,500	12,800
10	SCTB1020-1000	46.50	49,600	12,800
10 3/4	SCTB1020-1034	46.88	50,000	12,800
11 3/4	SCTB1020-1134	47.38	50,500	12,800
11 7/8	SCTB1020-1178	47.44	50,600	12,800
12 1/4	SCTB1020-1214	47.63	50,800	12,800
12 3/4	SCTB1020-1234	47.88	51,100	12,800
13 3/8	SCTB1020-1338	48.19	51,400	12,800
13 5/8	SCTB1020-1358	48.31	51,500	12,800
14	SCTB1020-1400	48.50	51,700	12,800
16	SCTB1020-1600	49.50	52,800	12,800
16 3/4	SCTB1020-1634	49.88	53,200	12,800
18	SCTB1020-1800	50.50	53,900	12,800
18 3/8	SCTB1020-1838	50.69	54,100	12,800
18 5/8	SCTB1020-1858	50.81	54,200	12,800
20	SCTB1020-2000	51.50	54,900	12,800

SCT2036**With standard duty green belts (0.197 inch thick, 41 cords wide)**

Diameter	Belt Part Number	Torque Arm Length (inches)	Maximum Torque (foot-pounds)	Maximum Line Pull (pounds)
18	SCTB2036-18	45.65	69,200	18,200
18 3/8	SCTB2036-1838	45.83	69,900	18,300
18 5/8	SCTB2036-1858	45.95	70,500	18,400
18 3/4	SCTB2036-1834	46.01	70,900	18,500
20	SCTB2036-20	46.62	73,400	18,900
22	SCTB2036-22	47.60	77,700	19,600
23 1/4	SCTB2036-2314	48.20	79,900	19,900
24	SCTB2036-24	48.56	81,300	20,100
26	SCTB2036-26	49.54	85,000	20,600
28	SCTB2036-28	50.51	88,800	21,100
29	SCTB2036-29	51.00	90,500	21,300
30	SCTB2036-30	51.48	92,200	21,500
32	SCTB2036-32	52.46	95,700	21,900
32 1/4	SCTB2036-3214	52.58	96,000	21,900
32 1/2	SCTB2036-3212	52.70	96,200	21,900
34	SCTB2036-34	53.43	98,800	22,200
34 1/2	SCTB2036-3412	53.67	99,700	22,300
36	SCTB2036-36	54.40	102,000	22,500
38	SCTB2036-38	55.38	105,200	22,800

SCT2036**With heavy duty green belts (0.250 inch thick, 31 cords wide)**

Diameter	Belt Part Number	Torque Arm Length (inches)	Maximum Torque (foot-pounds)	Maximum Line Pull (pounds)
18	SCTB2036-18H	45.65	105,400	27,700
18 3/8	SCTB2036-1838H	45.83	106,600	27,900
18 5/8	SCTB2036-1858H	45.95	107,600	28,100
18 3/4	SCTB2036-1834H	46.01	108,100	28,200
20	SCTB2036-20H	46.62	111,900	28,800
22	SCTB2036-22H	47.60	118,200	29,800
24	SCTB2036-24H	48.56	123,800	30,600
26	SCTB2036-26H	49.54	129,600	31,400
28	SCTB2036-28H	50.51	135,100	32,100
29	SCTB2036-29H	51.00	137,700	32,400
30	SCTB2036-30H	51.48	140,300	32,700
32	SCTB2036-32H	52.46	145,600	33,300
32 1/4	SCTB2036-3214H	52.58	145,900	33,300
32 1/2	SCTB2036-3212H	52.70	146,700	33,400
34	SCTB2036-34H	53.43	150,500	33,800
34 1/2	SCTB2036-3412H	53.67	151,600	33,900
36	SCTB2036-36H	54.40	155,000	34,200
38	SCTB2036-38H	55.38	159,700	34,600

SCT3672
With green belts (0.197 inch thick, 41 cords wide)

Diameter	Belt Part Number	Torque Arm Length (inches)	Maximum Torque (foot-pounds)	Maximum Line Pull (pounds)
36	SCTB3672-36	59.00	111,600	22,700
38	SCTB3672-38	60.00	115,000	23,000
42	SCTB3672-42	62.00	120,900	23,400
42 3/4	SCTB3672-4234	62.38	122,200	23,500
46	SCTB3672-46	64.00	126,900	23,800
48	SCTB3672-48	65.00	130,000	24,000
56	SCTB3672-56	69.00	141,500	24,600
60	SCTB3672-60	71.00	146,700	24,800
72	SCTB3672-72	77.00	163,000	25,400

Sincerely,



Chief Engineer