

**TABLE XI
PUMP STROKE CHART**

**METAL
PLUNGERS**

BARREL LENGTH FEET	PLUNGER LENGTH FEET	PUMP STROKE INCHES
10	3	68
10	4	56
12	3	92
12	4	80
14	3	116
14	4	104
14	5	92
15	3	128
15	4	116
15	5	104
16	4	128
16	5	116
17	4	140
17	5	128
18	3	164
18	4	152
18	5	140
18	6	128
19	4	164
19	5	152
19	6	140
20	4	176
20	5	164
20	6	152

P.A. PLUNGER

BARREL LENGTH FEET	PLUNGER LENGTH FEET	PUMP STROKE INCHES
21	4	188
21	5	176
21	6	164
22	4	200
22	5	188
22	6	176
23	4	212
23	5	200
23	6	188
24	4	224
24	5	212
24	6	200
25	5	224
25	6	212
26	5	236
26	6	224
27	5	248
27	6	236
28	5	260
28	6	248
29	5	272
29	6	260
30	5	284
30	6	272

BARREL LENGTH FEET	PLUNGER LENGTH FEET	PUMP STROKE INCHES
10	20	89
12	20	113
14	20	137
16	20	161
18	20	185
12	40	101
13	40	113
14	40	126
15	40	137
16	40	149
17	40	161
18	40	173
19	40	185
20	40	196
21	40	209
22	40	221
23	40	233
24	40	245
25	40	257
26	40	269
27	40	281
28	40	293
29	40	305
30	40	317

NOTES: ACCESSPRY ITEMS MAY ALTER STROKE IN PUMP

ie: SIDE KICKE R, HART GAS LOCK BREAKER. ECT.

BASED PM STANDARD SINGLE CAGES

FOR DOUBLE CAGES DEDUCT 3"

P.A. PLUNGER REFERS TO PRESSURE ACTIVATED OR JOHNSON-FAGG TYPE

FORMULA TO FIND REQUIED BARREL LENGTH

MAX. UNIT STROKE + PLUNGER LENGTH + 18" F/FITTINGS + 24" TO SET PUMP

PUMP STROKE CHART

METAL PLUNGERS

BARREL LENGTH METERS	PLUNGER LENGTH METERS	PUMP STROKE CENTI METERS
3.05	0.91	173
3.05	1.22	142
3.66	0.91	234
3.66	1.22	203
4.27	0.91	295
4.27	1.22	264
4.27	1.52	234
4.57	0.91	325
4.57	1.22	295
4.57	1.52	264
4.88	1.22	325
4.88	1.52	295
5.18	1.22	357
5.18	1.52	325
5.49	0.91	417
5.49	1.22	386
5.49	1.52	357
5.49	1.83	325
5.79	1.22	417
5.79	1.52	386
5.79	1.83	357
6.10	1.22	447
6.10	1.52	417
6.10	1.83	386

BARREL LENGTH METERS	PLUNGER LENGTH METERS	PUMP STROKE CENTI METERS
6.4	1.22	417
6.4	1.52	447
6.4	1.83	417
6.71	1.22	508
6.71	1.52	478
6.71	1.83	447
7.01	1.22	438
7.01	1.52	508
7.01	1.83	478
7.32	1.22	569
7.32	1.52	538
7.32	1.83	508
7.62	1.52	569
7.62	1.83	538
7.92	1.52	599
7.92	1.83	569
8.23	1.52	630
8.23	1.83	599
8.53	1.52	660
8.53	1.83	630
8.84	1.52	691
8.84	1.83	660
9.14	1.52	721
9.14	1.83	691

P.A. PLUNGER

BARREL LENGTH METERS	PLUNGER LENGTH METERS	PUMP STROKE CENTI METERS
3.05	20	226
3.05	20	287
3.66	20	348
3.66	20	409
4.27	20	470
4.27	40	257
4.27	40	287
4.57	40	320
4.57	40	348
4.57	40	378
4.88	40	409
4.88	40	439
5.18	40	470
5.18	40	498
5.49	40	531
5.49	40	561
5.49	40	592
5.49	40	622
5.79	40	653
5.79	40	683
5.79	40	714
6.10	40	744
6.10	40	775
6.10	40	805