

EXCAVATOR QUICK CHANGE



FLIGHT SECTIONS | 3" Hex Connection

ITEM	DIA	LBS	5' PN	LBS	10' PN	LBS	20' PN
FEX-16	16"	275	165442	490	165450		165451
FEX-18	18"	335	165443	870	165452		165453
FEX-20	20"	400	165444	660	165454		165455
FEX-24	24"	470	165445	1000	165456	1816	165457
FEX-30	30"	480	165446	914	165458		165459
FEX-36	36"	610	165447	1170	165460		165461
FEX-42	42"	760	165448	1246	165462		165463
FEX-48	48"	935	165449	1325	165464		165465



OPTION 1

TF-1000
LBS | 43
PN | 137348
2.5 Pilot Adapter
PN | 151598

2070 Dirt
LBS | 2
PN | 140002

2072 Gage
LBS | 2.3
PN | 140000

HEADS | 3" Hex Stem

OPTION 1

DIRT | TF-1000 Pilot Bit

ITEM	DIA	2070 TEETH	LBS	PN
POEXDH-16	16"	0	136	165470
POEXDH-18	18"	1	155	165472
POEXDH-20	20"	2	185	165474
POEXDH-24	24"	3	206	165476
POEXDH-30	30"	4	249	165478
POEXDH-36	36"	6	333	165480
POEXDH-42	42"	8	322	165482
POEXDH-48	48"	10	426	165484

All dirt heads include two 2072 outside gage teeth.

OPTION 1 CARBIDE

CARBIDE | TF-1000HFTC Pilot Bit

ITEM	DIA	2077 TEETH	LBS	PN
POEXDH-16	16"	0	135	165471
POEXDH-18	18"	1	155	165473
POEXDH-20	20"	2	185	165475
POEXDH-24	24"	3	207	165477
POEXDH-30	30"	4	249	165479
POEXDH-36	36"	6	340	165481
POEXDH-42	42"	8	325	165483
POEXDH-48	48"	10	427	165485

All carbide heads include two 2078 outside gage teeth.

OPTION 2

STEP ROCK | P-6000 Pilot Bit

ITEM	DIA	604C TEETH	LBS	PN
POEXSRH-16	16"	8		165490
POEXSRH-18	18"	9		165492
POEXSRH-20	20"	10		165494
POEXSRH-24	24"	12	123	165496
POEXSRH-30	30"	15		165498
POEXSRH-36	36"	18		165500
POEXSRH-42	42"	21		165502
POEXSRH-48	48"	24		165504

OPTION 3

ROCK | C-31HD Pilot Bit

ITEM	DIA	SR100 TEETH	LBS	PN
POEXRRH-16	16"	8	120	165510
POEXRRH-18	18"	9	125	165512
POEXRRH-20	20"	11	186	165514
POEXRRH-24	24"	12	265	165516
POEXRRH-30	30"	17	206	165518
POEXRRH-36	36"	20	320	165520
POEXRRH-42	42"	24	410	165522
POEXRRH-48	48"	28	346	165524

All C31HD pilots assemblies include 4 STRATA® SR-100 conical teeth.

DRIVE PINS

Pengo offers the following pins to use in connecting your CFA sections.

DP-2 2" LBS .1 PN 157779	DP-3 2 1/2" LBS .1 PN 157780	DP-4 3" LBS .3 PN 157781	DP-5 4" LBS .5 PN 157782
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OPTION 1 CARBIDE

TF-1000 HFTC
LBS | 46
PN | 137354

2077
LBS | .7
PN | 140003

2078
LBS | 1
PN | 140004

2079
LBS | 3.3
PN | 140001

OPTION 2

P-6000
LBS | 8
PN | 151275

604C
LBS | 1
PN | 140065

Use Roll Pin PN 137615

OPTION 3

C31 HD w/stem
LBS | 30
PN | 135913

SR-100
LBS | 1.1
PN | 850023

EXCAVATOR AUGER



FLIGHT SECTIONS | 4" SQ Connection

ITEM	DIA	LBS	5' PN	LBS	10' PN	LBS	20' PN
FEX-16 X 5	16"	479	165759		165712		165719
FEX-18 X 5	18"	515	165762		165713		165720
FEX-20 X 5	20"	553	165763		165714		165721
FEX-24 X 5	24"	641	165764		165715		165722
FEX-30 X 5	30"	665	165765	1090	165592		165723
FEX-36 X 5	36"	731	165766	1295	165716		165724
FEX-42 X 5	42"	897	165767		165717		165725
FEX-48 X 5	48"	1090	165768	2015	165718		165726

DRIFT PUNCH

LBS | 3.5
PN | 137737



For Easy Removal of Teeth Use this Drift Punch

Soft Hammer

LBS | 3.5
PN | 137737

To prevent carbide on conical teeth from breaking, Pengo highly recommends using a soft hammer during installation of bullet teeth.

LEAD SECTION | 5' Dirt Section

ITEM	DIA	2070 TEETH	LBS	PN
DIRT LEAD	16"	0		165706
DIRT LEAD	18"	1		165707
DIRT LEAD	20"	2		165708
DIRT LEAD	24"	3		165585
DIRT LEAD	30"	4		165588
DIRT LEAD	36"	6		165709
DIRT LEAD	42"	8		165710
DIRT LEAD	48"	10		165711

All dirt heads include two 2072 outside gage teeth.

PARTS | for Dirt Lead Section

TF-1000
LBS | 43
PN | 137348

2070 Dirt
LBS | 2
PN | 140002

2072 Gage
LBS | 2.3
PN | 140000

2077
LBS | .7
PN | 140005

2078
LBS | 1
PN | 140006

2079
LBS | 3.3
PN | 140001

2.5 Pilot Adapter
PN | 151598

LEAD SECTION | 5' Rock Section

ITEM	DIA	SR100 TEETH	LBS	PN
ROCK LEAD	16"	8		165700
ROCK LEAD	18"	9		165701
ROCK LEAD	20"	11		165702
ROCK LEAD	24"	12		165584
ROCK LEAD	30"	17		165587
ROCK LEAD	36"	20		165703
ROCK LEAD	42"	24		165704
ROCK LEAD	48"	28		165705

PARTS | for Rock Lead Section

C31 HD w/stem
LBS | 30
PN | 135913

SR-100
LBS | 1.1
PN | 850023

S31HD
LBS | 1.1
PN | 850037

P30 Pocket
LBS | .7
PN | 990001

C30 Puller
LBS | 3
PN | 134090

The STRATA® Drilling Grade Teeth allow for drilling in extreme hard rock.

Use the C30 Bit Puller to remove Conical Teeth with 1" Shank.

EXCAVATOR AUGER



FLIGHT SECTIONS | 130mm SQ Connection

ITEM	DIA	LBS	5' PN	LBS	10' PN	LBS	20' PN
FEX-16 X 5	16"	479	165769		165743		165751
FEX-18 X 5	18"	515	165770		165744		165752
FEX-20 X 5	20"	553	165771		165745		165753
FEX-24 X 5	24"	641	165772		165746		165754
FEX-30 X 5	30"	665	165773		165747		165755
FEX-36 X 5	36"	731	165774		165748		165756
FEX-42 X 5	42"	897	165775		165749		165757
FEX-48 X 5	48"	1090	165776		165750		165758

DRIFT PUNCH

LBS | 3.5
PN | 137737

Soft Hammer

LBS | 3.5
PN | 137737



For Easy Removal of Teeth Use this Drift Punch

To prevent carbide on conical teeth from breaking, Pengo highly recommends using a soft hammer during installation of bullet teeth.

LEAD SECTION | 5' Dirt Section

ITEM	DIA	2070 TEETH	LBS	PN
DIRT LEAD	16"	0		165735
DIRT LEAD	18"	1		165736
DIRT LEAD	20"	2		165737
DIRT LEAD	24"	3		165738
DIRT LEAD	30"	4		165739
DIRT LEAD	36"	6		165740
DIRT LEAD	42"	8		165741
DIRT LEAD	48"	10		165742

All dirt heads include two 2072 outside gage teeth.

PARTS | for Dirt Lead Section

TF-1000
LBS | 43
PN | 137348

2070 Dirt
LBS | 2
PN | 140002

2072 Gage
LBS | 2.3
PN | 140000

2077
LBS | .7
PN | 140003

2078
LBS | 1
PN | 140004

2079
LBS | 3.3
PN | 140001

2.5 Pilot Adapter
PN | 151598

LEAD SECTION | 5' Rock Section

ITEM	DIA	SR100 TEETH	LBS	PN
ROCK LEAD	16"	8		165727
ROCK LEAD	18"	9		165728
ROCK LEAD	20"	11		165729
ROCK LEAD	24"	12		165730
ROCK LEAD	30"	17		165731
ROCK LEAD	36"	20		165732
ROCK LEAD	42"	24		165733
ROCK LEAD	48"	28		165734

PARTS | for Rock Lead Section

C31 HD w/stem
LBS | 30
PN | 135913

SR-100
LBS | 1.1
PN | 850023

S31HD
LBS | 1.1
PN | 850037

P30 Pocket
LBS | .7
PN | 990001

C30 Puller
LBS | 3
PN | 134090

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Use the C30 Bit Puller to remove Conical Teeth with 1" Shank.