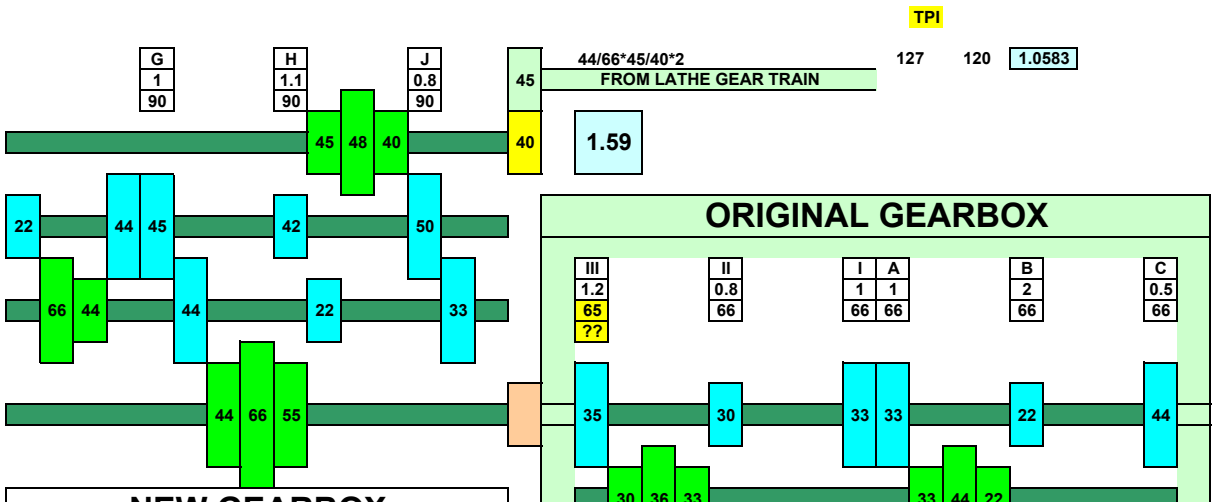
ADDITIONAL SCREW CUTTING GEARBOX



22	33	40	42	44	45	48	50	55	66	
22		40		44	45				66	
				44						
				44						

I	A	1	
I	B	2	
I	C	0.5	
II	A	0.8333	
II	B	1.6667	
II	C	0.4167	
III	A	1.1667	
III	B	2.3333	
III	C	0.5833	

T	G	X	1
T	H	X	1.1429
T	J	X	0.8

T	G	Y	0.3333
T	H	Y	0.381
T	J	Y	0.2667

T	G	Z	0.6
T	H	Z	0.6857
T	J	Z	0.48

F	G	X	0.3333
F	H	X	0.381
F	J	X	0.2667

F	G	Y	0.1111
F	H	Y	0.127
F	J	Y	0.0889

F	G	Z	0.2
F	H	Z	0.2286
F	J	Z	0.16

T x G x X = 1

T	G	X	I	A	1	1	1.6	16.00	
T	G	X	I	B	1	2	1.6	8.00	
T	G	X	I	C	1	0.5	1.6	32.00	
T	G	X	II	A	1	0.8	1.6	19.20	
T	G	X	II	B	1	1.7	1.6	9.60	
T	G	X	II	C	1	0.4	1.6	38.40	
T	G	X	III	A	1	1.2	1.6	13.71	
T	G	X	III	B	1	2.3	1.6	6.86	
T	G	X	III	C	1	0.6	1.6	27.43	
T	H	X	I	A	1.1	1	1.6	14.00	
T	H	X	I	B	1.1	2	1.6	7.00	
T	H	X	I	C	1.1	0.5	1.6	28.00	
T	H	X	II	A	1.1	0.8	1.6	16.80	
T	H	X	II	B	1.1	1.7	1.6	8.40	
T	H	X	II	C	1.1	0.4	1.6	33.60	
T	H	X	III	A	1.1	1.2	1.6	12.00	
T	H	X	III	B	1.1	2.3	1.6	6.00	
T	H	X	III	C	1.1	0.6	1.6	24.00	
T	J	X	I	A	0.8	1	1.6	20.00	
T	J	X	I	B	0.8	2	1.6	10.00	
T	J	X	I	C	0.8	0.5	1.6	40.00	
T	J	X	II	A	0.8	0.8	1.6	24.00	
T	J	X	II	B	0.8	1.7	1.6	12.00	
T	J	X	II	C	0.8	0.4	1.6	48.00	
T	J	X	III	A	0.8	1.2	1.6	17.14	
T	J	X	III	B	0.8	2.3	1.6	8.57	
T	J	X	III	C	0.8	0.6	1.6	34.29	

T	G	Y	I	A	0.3	1	1.6	48.00	
T	G	Y	I	B	0.3	2	1.6	24.00	
T	G	Y	I	C	0.3	0.5	1.6	96.00	
T	G	Y	II	A	0.3	0.8	1.6	57.60	
T	G	Y	II	B	0.3	1.7	1.6	28.80	
T	G	Y	II	C	0.3	0.4	1.6	115.20	
T	G	Y	III	A	0.3	1.2	1.6	41.14	
T	G	Y	III	B	0.3	2.3	1.6	20.57	
T	G	Y	III	C	0.3	0.6	1.6	82.29	
T	H	Y	I	A	0.4	1	1.6	42.00	
T	H	Y	I	B	0.4	2	1.6	21.00	
T	H	Y	I	C	0.4	0.5	1.6	84.00	
T	H	Y	II	A	0.4	0.8	1.6	50.40	
T	H	Y	II	B	0.4	1.7	1.6	25.20	
T	H	Y	II	C	0.4	0.4	1.6	100.80	
T	H	Y	III	A	0.4	1.2	1.6	36.00	
T	H	Y	III	B	0.4	2.3	1.6	18.00	
T	H	Y	III	C	0.4	0.6	1.6	72.00	
T	J	Y	I	A	0.3	1	1.6	60.00	
T	J	Y	I	B	0.3	2	1.6	30.00	
T	J	Y	I	C	0.3	0.5	1.6	120.00	
T	J	Y	II	A	0.3	0.8	1.6	72.00	
T	J	Y	II	B	0.3	1.7	1.6	36.00	
T	J	Y	II	C	0.3	0.4	1.6	144.00	
T	J	Y	III	A	0.3	1.2	1.6	51.43	
T	J	Y	III	B	0.3	2.3	1.6	25.71	
T	J	Y	III	C	0.3	0.6	1.6	102.86	

T	G	Z	I	A	0.6	1	1.6	26.67	
T	G	Z	I	B	0.6	2	1.6	13.33	
T	G	Z	I	C	0.6	0.5	1.6	53.33	
T	G	Z	II	A	0.6	0.8	1.6	32.00	
T	G	Z	II	B	0.6	1.7	1.6	16.00	
T	G	Z	II	C	0.6	0.4	1.6	64.00	
T	G	Z	III	A	0.6	1.2	1.6	22.86	
T	G	Z	III	B	0.6	2.3	1.6	11.43	
T	G	Z	III	C	0.6	0.6	1.6	45.71	
T	H	Z	I	A	0.7	1	1.6	23.33	
T	H	Z	I	B	0.7	2	1.6	11.67	
T	H	Z	I	C	0.7	0.5	1.6	46.67	
T	H	Z	II	A	0.7	0.8	1.6	28.00	
T	H	Z	II	B	0.7	1.7	1.6	14.00	
T	H	Z	II	C	0.7	0.4	1.6	56.00	
T	H	Z	III	A	0.7	1.2	1.6	20.00	
T	H	Z	III	B	0.7	2.3	1.6	10.00	
T	H	Z	III	C	0.7	0.6	1.6	40.00	
T	J	Z	I	A	0.5	1	1.6	33.33	
T	J	Z	I	B	0.5	2	1.6	16.67	
T	J	Z	I	C	0.5	0.5	1.6	66.67	
T	J	Z	II	A	0.5	0.8	1.6	40.00	
T	J	Z	II	B	0.5	1.7	1.6	20.00	
T	J	Z	II	C	0.5	0.4	1.6	80.00	
T	J	Z	III	A	0.5	1.2	1.6	28.57	
T	J	Z	III	B	0.5	2.3	1.6	14.29	
T	J	Z	III	C	0.5	0.6	1.6	57.14	

F	G	X	I	A	0.3	1	1.6	48.00	
F	G	X	I	B	0.3	2	1.6	24.00	
F	G	X	I	C	0.3	0.5	1.6	96.00	
F	G	X	II	A	0.3	0.8	1.6	57.60	
F	G	X	II	B	0.3	1.7	1.6	28.80	
F	G	X	II	C	0.3	0.4	1.6	115.20	
F	G	X	III	A	0.3	1.2	1.6	41.14	
F	G	X	III	B	0.3	2.3	1.6	20.57	
F	G	X	III	C	0.3	0.6	1.6	82.29	
F	H	X	I	A	0.4	1	1.6	42.00	
F	H	X	I	B	0.4	2	1.6	21.00	
F	H	X	I	C	0.4	0.5	1.6	84.00	
F	H	X	II	A	0.4	0.8	1.6	50.40	
F	H	X	II	B	0.4	1.7	1.6	25.20	
F	H	X	II	C	0.4	0.4	1.6	100.80	
F	H	X	III	A	0.4	1.2	1.6	36.00	
F	H	X	III	B	0.4	2.3	1.6	18.00	
F	H	X	III	C	0.4	0.6	1.6	72.00	
F	J	X	I	A	0.3	1	1.6	60.00	
F	J	X	I	B	0.3	2	1.6	30.00	
F	J	X	I	C	0.3	0.5	1.6	120.00	
F	J	X	II	A	0.3	0.8	1.6	72.00	
F	J	X	II	B	0.3	1.7	1.6	36.00	
F	J	X	II	C	0.3	0.4	1.6	144.00	
F	J	X	III	A	0.3	1.2	1.6	51.43	
F	J	X	III	B	0.3	2.3	1.6	25.71	
F	J	X	III	C	0.3	0.6	1.6	102.86	

F	G	Y	I	A	0.1	1	1.6	144.00	
F	G	Y	I	B	0.1	2	1.6	72.00	
F	G	Y	I	C	0.1	0.5	1.6	288.00	
F	G	Y	II	A	0.1	0.8	1.6	172.80	
F	G	Y	II	B	0.1	1.7	1.6	86.40	
F	G	Y	II	C	0.1	0.4	1.6	345.60	
F	G	Y	III	A	0.1	1.2	1.6	123.43	
F	G	Y	III	B	0.1	2.3	1.6	61.71	
F	G	Y	III	C	0.1	0.6	1.6	246.86	
F	H	Y	I	A	0.1	1	1.6	126.00	
F	H	Y	I	B	0.1	2	1.6	63.000	
F	H	Y	I	C	0.1	0.5	1.6	252.00	
F	H	Y	II	A	0.1	0.8	1.6	151.20	
F	H	Y	II	B	0.1	1.7	1.6	75.60	
F	H	Y	II	C	0.1	0.4	1.6	302.40	
F	H	Y	III	A	0.1	1.2	1.6	108.00	
F	H	Y	III	B	0.1	2.3	1.6	54.00	
F	H	Y	III	C	0.1	0.6	1.6	216.00	
F	J	Y	I	A	0.1	1	1.6	180.00	
F	J	Y	I	B	0.1	2	1.6	90.00	
F	J	Y	I	C	0.1	0.5	1.6	360.00	
F	J	Y	II	A	0.1	0.8	1.6	216.00	
F	J	Y	II	B	0.1	1.7	1.6	108.00	
F	J	Y	II	C	0.1	0.4	1.6	432.00	
F	J	Y	III	A	0.1	1.2	1.6	154.29	
F	J	Y	III	B	0.1	2.3	1.6	77.14	
F	J	Y	III	C	0.1	0.6	1.6	308.57	

F	G	Z	I	A	0.2	1	1.6	80.00	
F	G	Z	I	B	0.2	2	1.6	40.00	
F	G	Z	I	C	0.2	0.5	1.6	160.00	
F	G	Z	II	A	0.2	0.8	1.6	96.00	
F	G	Z	II	B	0.2	1.7	1.6	48.00	
F	G	Z	II	C	0.2	0.4	1.6	192.00	
F	G	Z	III	A	0.2	1.2	1.6	68.57	
F	G	Z	III	B	0.2	2.3	1.6	34.29	
F	G	Z	III	C	0.2	0.6	1.6	137.14	
F	H	Z	I	A	0.2	1	1.6	70.00	
F	H	Z	I	B	0.2	2	1.6	35.00	
F	H	Z	I	C	0.2	0.5	1.6	140.00	
F	H	Z	II	A	0.2	0.8	1.6	84.00	
F	H	Z	II	B	0.2	1.7	1.6	42.00	
F	H	Z	II	C	0.2	0.4	1.6	168.00	
F	H	Z	III	A	0.2	1.2	1.6	60.00	
F	H	Z	III	B	0.2	2.3	1.6	30.00	
F	H	Z	III	C	0.2	0.6	1.6	120.00	
F	J	Z	I	A	0.2	1	1.6	100.00	
F	J	Z	I	B	0.2	2	1.6	50.00	
F	J	Z	I	C	0.2	0.5	1.6	200.00	
F	J	Z	II	A	0.2	0.8	1.6	120.00	
F	J	Z	II	B	0.2	1.7	1.6	60.00	
F	J	Z	II	C	0.2	0.4	1.6	240.00	
F	J	Z	III	A	0.2	1.2	1.6	85.71	
F	J	Z	III	B	0.2	2.3	1.6	42.86	
F	J	Z	III	C	0.2	0.6	1.6	171.43	

TPI								
4	missing							
4 1/2	missing							
5	missing							
6	T	H	X	III	B			
7	T	H	X	I	B			
8	T	G	X	I	B			
9	missing							
10	T	J	X	I	B	T	H	Z	III	B
11	missing							
11 1/2	missing							
12	T	J	X	II	B	T	H	X	III	A
13	missing							
14	T	H	Z	II	B	T	H	X	I	A
16	T	G	X	I	A	T	G	Z	II	B
18	T	H	Y	III	B	F	H	X	III	B
20	T	J	X	I	A	T	J	Z	II	B
21	T	H	Y	I	B	F	H	X	I	B
24	T	J	X	II	A	T	H	X	III	C	T	G	Y	I	B	F	G	X	I	B
27	missing																			
28	T	H	X	I	C	T	H	Z	II	A										
30	T	J	Y	I	B	F	J	X	I	B	F	H	Z	III	B					
32	T	G	X	I	C	T	G	Z	II	A										
35	F	H	Z	I	B															
36	T	J	Y	II	B	T	H	Y	III	A	F	H	X	III	A	F	J	X	II	B
40	T	J	X	I	C	T	H	Z	III	C	T	J	Z	II	A	F	G	Z	I	B
42	T	H	Y	I	A	F	H	Z	II	B	F	H	X	I	A					
44	missing																			
48	T	J	X	II	C	T	G	Y	I	A	F	G	X	I	A	F	G	Z	II	B
50	F	J	Z	I	B															
54	F	H	Y	III	B															
56	T	H	Z	II	C															
60	T	J	Y	I	A	F	J	X	I	A	F	H	Z	III	A	F	J	Z	II	B
63	F	H	Y	I	B															
64	T	G	Z	II	C															
70	F	H	Z	I	A															
72	T	H	Y	III	C	T	J	Y	II	A	F	H	X	III	C	F	J	X	II	A
80	T	J	Z	II	C	F	G	Z	I	A										
84	T	H	Y	I	C	F	H	X	I	C	F	H	Z	II	A					
90	F	J	Y	I	B															
96	T	G	Y	I	C	F	G	X	I	C	F	G	Z	II	A					
100	F	J	Z	I	A															
108	F	H	Y	III	A	F	J	Y	II	B										
120	T	J	Y	I	C	F	J	X	I	C	F	H	Z	III	C	F	J	Z	II	A
126	F	H	Y	I	A															
140	F	H	Z	I	C															
144	T	J	Y	II	C	F	J	X	II	C	F	G	Y	I	A					
160	F	G	Z	I	C															
168	F	H	Z	II	C															
180	F	J	Y	I	A															
192	F	G	Z	II	C															
200	F	J	Z	I	C															
216	F	J	Y	II	A	F	H	Y	III	C										
240	F	J	Z	II	C															
252	F	H	Y	I	C															
288	F	G	Y	I	C															
360	F	J	Y	I	C															
432	F	J	Y	II	C															

level	I	II	I	I	I	I	II	I	II	I	I	II
a	45	48	46	36	36	36	36	36	36	36	27	36
b	40	40	56	40	44	46	40	52	45	56	48	60
C	120	120	104	120	120	120	120	120	120	120	120	120
B	8	9	9½	10	11	11½	12	13	13½	14	16	18
A	16	18	19	20	22	23	24	26	27	28	32	36
C	32	36	38	40	44	46	48	52	54	56	64	72

45	40