



TO = Take out for up travel
 D = Minimum for the load range
 L = Maximum for the load range
 WT = Maximum weight for the load range

Total Travel 1-1/2 to 4 inches

LOAD RANGE (lb.)	K-HOLE	A	B	C	D	G	H	I	E	L	M	N	X	Y	WT(lb.)
44-243	9/16	18 7/8	9 1/2	6 5/8	4 1/4	7 1/2	10 3/4	6 1/2	10	10 3/8	7 1/2	7 1/2	1	6 1/2	115
244-1018	11/16	20 7/8	12	8 5/8	5 1/4	6 1/2	10 3/4	8 1/2	11	10 3/4	8 1/2	9 1/2	1	8	165
1019-3516	13/16	21 1/2	12	8 5/8	5 3/4	7	11 1/4	8 1/2	15	10 1/2	11	10	1 1/2	8	330
3517-7538	15/16	25 3/8	14	8 5/8	6 1/4	9 1/4	14	9 1/2	16 1/4	12 7/8	11 3/4	11 3/4	1 1/2	9	550
7539-16159	1 1/8	28 3/4	16 1/4	12 3/4	8 3/8	8 1/2	15 3/8	13 3/4	19	13 3/4	14	14	1 1/2	14	1280
16160-31490	1 3/8	29 3/8	17 1/2	12 3/4	8 7/8	9 1/2	16 5/8	14 1/4	21	13 7/8	15	14	1 3/4	16 1/2	1840

LOAD RANGE (lb.)	44-243	244-324	325-432	433-575	576-765	766-1018	1019-1804	1805-2642	2643-3516	3517-4255	4256-5663	5664-7538	7539-10033	10034-13354	13355-16159	16160-17775	17776-23659	23660-31490
TO	23 1/2	27 1/4	28 1/4	26 1/4	27 1/4	29 1/4	31 7/8	33 7/8	35 7/8	40	43	47	51 3/8	55 3/8	60 3/8	63 5/8	66 5/8	77 5/8
F	13 5/8	14 5/8	15 5/8	13 5/8	14 5/8	16 5/8	18 7/8	20 7/8	22 7/8	25 1/8	28 1/8	32 1/8	33 3/8	37 3/8	42 3/8	44 1/2	47 1/2	58 1/2

"Take Out (TO) is for up travel [add 4 inches for down travel]"

Total Travel 4-1/2 to 6 inches

LOAD RANGE (lb.)	K-HOLE	A	B	C	D	G	H	I	E	L	M	N	X	Y	WT(lb.)
34-183	9/16	21 7/8	11 1/4	6 5/8	4 1/4	10 1/2	13 3/4	6 1/2	10	13	7 1/2	8 1/2	1	6 1/2	135
184-765	11/16	23 1/4	11 1/2	8 5/8	5 1/4	10 1/4	14 1/2	8 1/2	11	13	8 1/4	9 1/4	1	8	175
766-2402	13/16	24 1/4	15	8 5/8	5 3/4	9 1/2	13 3/4	8 1/2	15	12 3/4	11	11	1 1/2	8	375
2403-5663	15/16	28 3/4	15	8 5/8	6 1/4	12 1/2	17 1/4	9 1/2	16 1/4	15 1/4	12 1/2	14	1 1/2	9	605
5664-12140	1 1/8	31 5/8	17 3/4	12 3/4	8 3/8	10 3/4	17 1/2	13 1/2	20	15 1/4	14	16	1 1/2	14	1380
12141-23659	1 3/8	32 1/4	18 1/8	12 3/4	8 7/8	11 1/2	18 5/8	14 1/4	20	15 1/4	15	16	1 3/4	16 1/2	1950

LOAD RANGE (lb.)	34-183	184-243	244-324	325-432	433-575	576-765	766-1355	1356-1804	1805-2401	2402-3197	3198-4255	4256-5663	5664-7538	7539-10033	10034-12140	12141-13354	13355-17775	17776-23659
TO	25 1/2	26 3/4	27 3/4	25 3/4	26 3/4	28 3/4	34 7/8	36 7/8	38 7/8	41 1/2	44 1/2	48 1/2	52 5/8	56 5/8	61 5/8	63 3/4	66 3/4	77 3/4
F	13 5/8	14 5/8	15 5/8	13 5/8	14 5/8	16 5/8	18 7/8	20 7/8	22 7/8	25 1/8	28 1/8	32 1/8	33 3/8	37 3/8	42 3/8	44 1/2	47 1/2	58 1/2

"Take Out (TO) is for up travel [add 6 inches for down travel]

Total Travel 6-1/2 to 8 inches

LOAD RANGE (lb.)	K-HOLE	A	B	C	D	G	H	I	E	L	M	N	X	Y	WT(lb.)
25-151	9/16	24 5/8	15 3/4	6 5/8	4 1/4	14 1/4	17 1/2	6 1/2	10	15 1/4	8 1/2	11	1	6 1/2	170
152-632	11/16	26 1/8	15 3/4	8 5/8	5 1/4	13	17 1/4	8 1/2	11	15 1/4	8 1/2	11	1	8	210
633-1985	13/16	27 1/4	17	8 5/8	5 3/4	13	17 1/4	8 1/2	15	15 1/4	10 3/4	12	1 1/2	8	420
1986-4680	15/16	30 3/4	17	8 5/8	6 1/4	15 3/8	20	9 1/4	16 1/4	17 5/8	12	13	1 1/2	9	655
4681-10033	1 1/8	34 1/8	19 1/4	12 3/4	8 3/8	13 3/4	20 3/8	13 1/4	20	17 5/8	14	16	1 1/2	14	1415
10034-19552	1 3/8	35	20 1/2	12 3/4	8 7/8	13 1/4	20 3/8	14 1/4	20	17 5/8	16	17	1 3/4	16 1/2	2010

LOAD RANGE (lb.)	25-151	152-201	202-268	269-357	358-475	476-632	633-1120	1121-1491	1492-1985	1986-2401	2402-3197	3198-4680	4681-5663	5664-7538	7539-9121	9122-10033	10034-13354	13355-19552
TO	30 3/8	31 1/4	32 1/4	30 1/4	31 1/4	33 1/4	36 7/8	38 7/8	40 7/8	43 1/2	46 1/2	50 1/2	54 1/8	58 1/8	63 1/8	66 1/4	69 1/4	80 1/4
F	13 5/8	14 5/8	15 5/8	13 5/8	14 5/8	16 5/8	18 7/8	20 7/8	22 7/8	25 1/8	28 1/8	32 1/8	33 3/8	37 3/8	42 3/8	44 1/2	47 1/2	58 1/2

"Take Out (TO) is for up travel [add 8 inches for down travel]

Total Travel 8-1/2 to 10 inches

LOAD RANGE (lb.)	K-HOLE	A	B	C	D	G	H	I	E	L	M	N	X	Y	WT(lb.)
21-125	9/16	27 7/8	17 3/4	6 5/8	4 1/4	16 1/2	19 3/4	6 1/2	10 1/2	17 5/8	7 1/2	11	1	6 1/2	190
126-522	11/16	29 1/8	17 3/4	8 5/8	5 1/4	15 1/2	19 3/4	8 1/2	11	17 3/4	8 1/2	11 3/4	1	8	230
523-1640	13/16	30	18 1/2	8 5/8	5 3/4	14 1/2	18 3/4	8 1/2	15	17 5/8	10 3/4	12 3/4	1 1/2	8	460
1641-3868	15/16	33 1/2	19	8 5/8	6 1/4	17 3/4	22 1/2	9 1/2	16	20	12	13 3/4	1 1/2	9	715
3869-8292	1 1/8	37	22 7/8	12 3/4	8 3/8	16 3/4	23 3/8	13 1/4	19	19 7/8	14	17	1 1/2	14	1540
8293-16159	1 3/8	37 1/2	24 3/4	12 3/4	8 7/8	17 1/2	24 3/8	13 3/4	20	19 1/2	16	18	1 3/4	16 1/2	2145

LOAD RANGE (lb.)	21-125	126-166	167-221	222-295	296-392	393-522	523-926	927-1232	1233-1640	1641-1985	1986-2906	2907-3868	3869-5148	5149-6853	6854-8292	8293-9121	9122-12140	12141-16159
TO	32 3/8	33 3/8	34 3/8	32 3/8	33 3/8	35 3/8	38 1/2	40 1/2	42 1/2	45 5/8	48 5/8	52 5/8	57 5/8	61 5/8	66 5/8	70 5/8	73 5/8	84 5/8
F	13 5/8	14 5/8	15 5/8	13 5/8	14 5/8	16 5/8	18 7/8	20 7/8	22 7/8	25 1/8	28 1/8	32 1/8	33 3/8	37 3/8	42 3/8	44 1/2	47 1/2	58 1/2

"Take Out (TO) is for up travel [add 10 inches for down travel]

Total Travel 10-1/2 to 12 inches

LOAD RANGE (lb.)	K-HOLE	A	B	C	D	G	H	I	E	L	M	N	X	Y	WT(lb.)
17-103	9/16	30 7/8	21 1/8	6 5/8	4 1/4	19 1/4	22 1/2	6 1/2	11	20	7 3/4	12 3/4	1	6 1/2	235
104-432	11/16	32 1/4	21 1/8	8 5/8	5 1/4	18 1/2	22 3/4	8 1/2	12	20	8 3/4	13 3/4	1	8	270
433-1491	13/16	32 7/8	21 1/8	8 5/8	5 3/4	18 1/2	22 3/4	8 1/2	15	20	10 3/4	13 3/4	1 1/2	8	505
1492-3197	15/16	36 5/8	23	8 5/8	6 1/4	19 1/2	24 1/4	9 1/2	16 1/2	22 5/8	12	15	1 1/2	9	800
3198-6853	1 1/8	39 3/4	22 5/8	12 3/4	8 3/8	18 3/4	25 3/8	13 1/4	19	22 1/2	14	17	1 1/2	14	1585
6854-13354	1 3/8	40 7/8	24 3/4	12 3/4	8 7/8	17 3/4	24 7/8	14 1/4	20	22 3/4	16	18	1 3/4	16 1/2	2200

LOAD RANGE (lb.)	17-103	104-137	138-183	184-243	244-324	325-432	433-765	766-1120	1121-1491	1492-1804	1805-2401	2402-3197	3198-4255	4256-5663	5664-6853	6854-7538	7539-10033	10034-13354
TO	35 3/8	36 3/8	37 3/8	35 3/8	36 3/8	38 3/8	41	43	45	49 5/8	52 5/8	56 5/8	58	62	67	70 5/8	73 5/8	84 5/8
F	13 5/8	14 5/8	15 5/8	13 5/8	14 5/8	16 5/8	18 7/8	20 7/8	22 7/8	25 1/8	28 1/8	32 1/8	33 3/8	37 3/8	42 3/8	44 1/2	47 1/2	58 1/2

"Take Out (TO) is for up travel [add 12 inches for down travel]

Total Travel 12-1/2 to 14 inches

LOAD RANGE (lb.)	K-HOLE	A	B	C	D	G	H	I	E	L	M	N	X	Y	WT(lb.)
17-94	9/16	33 3/8	24	6 5/8	4 1/4	21 1/2	24 3/4	6 1/2	11	22 5/8	7 3/4	12 3/4	1	6 1/2	260
95-392	11/16	35	24	8 5/8	5 1/4	21	25 1/4	8 1/2	12	22 5/8	8 3/4	13 3/4	1	8	310
393-1232	13/16	35 3/4	24	8 5/8	5 3/4	21 1/2	25 3/4	8 1/2	15	22 1/2	10 3/4	14 1/2	1 1/2	8	560
1233-2906	15/16	40	24 1/2	8 5/8	6 1/4	23 1/2	28 1/4	9 1/2	16 1/2	25	12	17	1 1/2	9	870
2907-6230	1 1/8	42 5/8	25 1/2	12 3/4	8 3/8	21 3/4	28 3/8	13 1/4	19	24 7/8	14	18	1 1/2	14	1685
6231-12140	1 3/8	43 5/8	26 3/4	12 3/4	8 7/8	20 1/4	27 3/8	14 1/4	20	24 7/8	16	19	1 3/4	16 1/2	2290

LOAD RANGE (lb.)	17-94	95-125	126-166	167-221	222-295	296-392	393-695	696-926	927-1232	1233-1491	1492-2183	2184-2906	2907-3868	3869-5148	5149-6230	6231-6853	6854-9121	9122-12140
TO	38 3/8	39 3/8	40 3/8	38 3/8	39 3/8	41 3/8	43 7/8	45 7/8	47 7/8	51	54	58	60 5/8	64 5/8	69 5/8	72 3/4	75 3/4	86 3/4
F	13 5/8	14 5/8	15 5/8	13 5/8	14 5/8	16 5/8	18 7/8	20 7/8	22 7/8	25 1/8	28 1/8	32 1/8	33 3/8	37 3/8	42 3/8	44 1/2	47 1/2	58 1/2

Take Out (TO) is for up travel [add 14 inches for down travel]

