

gram m/s	<i>ft/s</i>	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	45	55
44	144																38.7	39.7	40.6		
45	148														38.5	39.5	40.5	41.5	42.5		
46	151													39.1	40.2	41.3	42.3	43.4	44.4		
47	154											38.6	39.8	40.9	42.0	43.1	44.2	45.3	46.4		
48	157									39.2	40.3	41.5	42.6	43.8	44.9	46.1	47.2	48.4			
49	161								38.4	39.6	40.8	42.0	43.2	44.4	45.6	46.8	48.0	49.2	50.4		
50	164							38.8	40.0	41.2	42.5	43.8	45.0	46.2	47.5	48.8	50.0	51.2	52.5		
51	167						39.0	40.3	41.6	42.9	44.2	45.5	46.8	48.1	49.4	50.7	52.0	53.3	54.6		
52	171					39.2	40.6	41.9	43.3	44.6	46.0	47.3	48.7	50.0	51.4	52.7	54.1	55.4	56.8		
53	174				39.3	40.7	42.1	43.5	44.9	46.4	47.8	49.2	50.6	52.0	53.4	54.8	56.2	47.6	59.0		
54	177			39.4	40.8	42.3	43.7	45.2	46.7	48.1	49.6	51.0	52.5	54.0	55.4	56.9	58.3	59.8	61.2		
55	180		39.3	40.8	42.4	43.9	45.4	46.9	48.4	49.9	51.4	52.9	54.4	56.0	57.5	59.0	60.5	62	63.5		
56	184	39.2	40.8	42.3	43.9	45.5	47.0	48.6	50.2	51.7	53.3	54.9	56.4	58.0	59.6	61.1	62.7	64.3	65.8		
57	187	40.6	42.2	44.8	45.5	47.1	48.7	50.3	52.0	53.6	55.2	56.9	58.5	60.1	61.7	63.4	65.0	66.6	68.2		
58	190	42.0	43.7	45.4	47.1	48.8	50.5	52.1	53.8	55.5	57.2	58.9	60.6	62.2	63.9	65.6	67.3	68.0	70.6		
59	194	43.5	45.2	47.0	48.7	50.5	52.2	54.0	55.7	57.4	59.2	60.9	62.7	64.4	66.1	67.9	69.6	71.4	73.1		
60	197	45.0	46.8	48.6	50.4	52.2	54.0	55.8	57.6	59.4	61.2	63.0	64.8	66.6	68.4	70.2	72.0	73.8	75.6		
61	200	46.5	48.4	50.2	52.1	54.0	55.8	57.7	59.5	61.4	63.3	65.1	67.0	68.8	70.7	72.6	74.4	76.3	78.1		
62	203	48.0	50.0	51.9	53.8	55.7	57.7	59.6	61.5	63.4	65.4	67.3	69.2	71.1	73.0	75.0	76.9	78.8	80.7		
63	207	49.6	51.6	53.6	55.6	57.6	59.5	61.5	63.5	65.5	67.5	69.5	71.4	73.4	75.4	77.4	79.4	81.4	83.3		
64	210	51.2	53.2	55.3	57.3	59.4	61.4	63.5	65.5	67.6	69.6	71.7	73.7	75.8	77.8	79.9	81.9	84.0	86.0		
65	213	52.8	54.9	57.0	59.1	61.3	63.4	65.5	67.6	69.7	71.8	73.9	76.0	78.2	80.3	82.4	84.5	86.6	88.7		
66	217	54.4	56.6	58.8	61.0	63.2	65.3	67.5	69.7	71.9	74.0	76.2	78.4	80.6	82.8	84.9	87.1	89.3	91.5		
67	220	56.1	58.4	60.6	62.8	65.1	67.3	69.6	71.8	74.1	76.3	78.6	80.8	83.0	85.3	87.5	89.8	92.0	94.3		
68	223	57.8	60.1	62.4	64.7	67.0	69.4	71.7	74.0	76.3	78.6	80.9	83.2	85.5	87.8	90.2	92.5	94.8	97.1		
69	226	59.5	61.9	64.3	66.6	69.0	71.4	73.8	76.2	78.6	80.9	83.3	85.7	88.1	90.4	92.8	95.2	97.6	100.0		
70	230	61.2	63.7	66.2	68.6	71.0	73.5	76.0	78.4	80.8	83.3	85.8	88.2	90.6	93.1	95.6	98.0	100.4	102.9	110.2	
71	233	63.0	65.5	68.0	70.6	73.1	75.6	78.1	80.7	83.2	85.7	88.2	90.7	93.2	95.8	98.3	100.8	103.3	105.9		
72	236	64.8	67.4	70.0	72.6	75.2	77.8	78.1	82.9	85.5	88.1	90.7	93.3	95.9	98.5	101.1	103.7	106.3	108.9		142.6
73	240	66.6	69.3	71.9	74.6	77.3	79.9	82.6	85.3	87.9	90.6	93.3	95.9	98.6	101.2	103.9	106.6	109.2	111.9		
74	243	68.4	71.1	73.9	76.7	79.4	82.1	84.9	87.6	90.4	93.1	95.8	98.6	101.3	104.0	106.8	109.5	112.3	115.0		
75	246	70.3	73.1	75.9	78.8	81.6	84.4	87.2	90.0	92.8	95.6	98.4	101.2	104.1	106.9	109.7	112.5	115.3	118.1		
76	249	72.2	75.1	78.0	80.9	83.8	86.6	89.5	92.4	95.3	98.2	101.1	104.0	106.8	109.7	112.6	115.5	118.4	121.3		
77	253	74.1	77.1	80.0	83.0	86.0	88.9	91.9	94.9	97.8	100.8	102.8	106.7	109.7	112.6	115.6	118.6	121.5	124.5		
78	256	76.0	79.1	82.1	85.2	88.2	91.3	94.3	97.3	100.4	103.4	106.5	109.5	112.6	115.6	118.6	121.7	124.7	127.8		
79	259	78.0	81.1	84.2	87.4	90.5	93.6	96.7	99.9	103.0	106.1	109.2	112.3	115.4	118.6	121.7	124.8	127.9	131.1		
80	262	80.0	83.2	86.4	89.6	92.8	96.0	99.2	102.4	105.6	108.8	112.0	115.2	118.4	121.6	124.8	128.0	131.2	134.4		
81	266	82.0	85.3	88.6	91.8	95.1	98.4	101.7	105.0	108.3	111.5	114.8	118.1	121.4	124.7	127.9	131.2	134.5	137.8		
82	269	84.0	87.4	90.8	94.1	97.5	100.9	104.2	107.6	111.0	114.3	117.7	121.0	124.4	127.8	131.1	134.5	137.8	141.2		

<b>83</b>	272	86.1	89.6	93.0	96.4	99.9	103.3	106.8	110.2	113.7	117.1	120.6	124.0	127.4	130.9	134.3	137.8	141.2	144.7
<b>84</b>	276	88.2	91.7	95.2	98.8	102.3	105.8	109.4	112.9	116.4	120.0	123.5	127.0	130.5	134.1	137.6	141.1	144.6	148.2
<b>85</b>	279	90.3	93.9	97.5	101.2	104.8	108.4	112.0	115.6	119.2	122.8	126.4	130.0	133.7	137.3	140.9	144.5	148.1	151.7
<b>86</b>	282	92.4	96.1	99.8	103.5	107.2	110.9	114.6	118.3	122.0	125.7	129.4	133.1	136.8	140.5	144.2	147.9	151.6	155.3
<b>87</b>	285	94.6	98.4	102.2	106.0	109.8	113.5	117.3	121.1	124.9	128.7	132.5	136.2	140.0	143.8	147.6	151.4	155.2	159.0
<b>88</b>	289	96.8	100.7	104.5	108.4	112.3	116.2	120.0	123.9	127.8	131.6	135.5	139.4	143.3	147.1	151.0	154.9	158.9	162.6
<b>89</b>	292	99.0	103.0	106.9	110.9	114.8	118.8	122.8	126.7	130.7	134.7	138.6	142.6	146.5	150.5	154.5	158.4	162.4	166.3
<b>90</b>	295	101.2	105.3	109.3	113.4	117.4	121.5	125.6	129.6	133.6	137.7	141.8	145.8	149.8	153.9	158.0	162.0	166.0	170.0

## Danmark

Rådjur och mindre vilt 40 Joule  
min pilvikt 25 gram och skaärande jaktspets min Ø 25 mm

Formel för Kinetisk energi:

$$E = \frac{mV}{2}$$

## Namibia

Små antiloper 33.9 J ex Blesbock  
Medelstora antiloper: 54.2 J ex. Kudu, vårtsvin  
Stora antiloparter 81.4 J. ex. Eland, gemsbock

1 grain = 0.0648 gram  
1 Joule = 1.356 FtLbs  
1 Tum = 25.4 millimeter

## Sydafrika

Klass 1. 34 Joule 23 gram Småvilt upp till Bläsbocks storlek (60kg) inkluderande Nyalahind men inte tjur, vårtsvin eller predatorer större än svartryggad Schakal?  
Klass 2. 54 Joule 26gram Medium vilt inklusive Kudu, vårtsvin, skogssvin, och samtliga rovdjur utom lejon, leopard, krokodil, gemsbock (oryx) och sabelantilop.  
Klass 3. 88 Joule 29gram Större vilt inkluderande Elandantilop, lejon, leopard, krokodil, gemsbock och sabelantilop. Ej Buffel!  
Klass 4 109 Joule 45gram Buffel och Giraff  
Klass 5 143 Joule 55gram Stort vilt, Elefant Svart och vit noshörning samt flodhäst.

Klass 1-3 måste ha en spets med minst 25 mm skärbredd.  
Klass 4-5 måste ha en spets med minst 28 mm skärbredd.

## Finland

Min dragkraft 180Newton jmf ca 40Lbs dragkraft Direkt dödande spets.

## USA

Min dragkraft Varierar från stat till stat vanligen 30-45 pund min diameter 7/8 tum ca 22 millimeter.