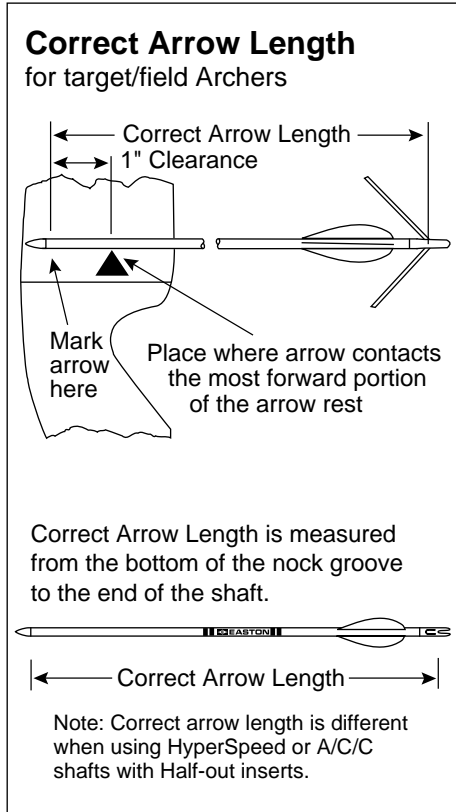


## Determining Correct Arrow Length

For target/field archers, the Correct Arrow Length for any type bow (including bows equipped with overdraws) is determined by drawing back an extra long arrow and having someone mark the arrow as shown.



## Determining Actual Peak Bow Weight

Actual Peak Bow Weight for recurve bows (measured at your draw length) and compound bows can be determined at your archery pro shop.

## Determining Calculated Peak Bow Weight

The "standard" setup used to determine the suggested shaft sizes is listed in the upper right corner of the CHART. If your setup differs from the standard, use the Variables listed below to make adjustments. Add or subtract the appropriate amounts to calculate the effective Peak Bow Weight of your bow. Use this **Calculated Peak Bow Weight** to select your correct arrow size on the CHART.

### Variables to the "Standard" Setup:

- Finger release (using compound bow with aluminum, A/C/C, ICS or ICSH shafts)<sup>3</sup> – Add 5-7 lbs.
- Dacron string – Subtract 3-5 lbs.
- Compound bow lengths less than 43" and drawn over 28" – Add 4-6 lbs.
- Point weight – Add 1.5 lbs. for every 10 grains your point weighs more than the

recommended point weight. Subtract if point weight is less.

- Standard, Lite, and SuperLite aluminum shafts—7% F.O.C. point
- UltraLite aluminum shafts—8% F.O.C. point
- HyperSpeed, A/C/C, and Redline shafts—Medium Weight points
- X10 and A/C/E shafts—

Recommended insert + point weight, or One-piece Point weight  
See the Easton Archery Guide for more information.

## Overdraw Bows

If you are using an overdraw, make the above calculations (if any), and then multiply the Calculated Peak Bow Weight of your bow by the appropriate factor listed below.

Overdraw Amount...	1"	2"	3"	4"	5"
For 60#-70# Actual or Calculated Peak Bow Weight, add to bow weight (or use factor below).....	1#	3#	6#	9#	12#
For any bow weight, multiply your Actual or Calculated Peak Bow Weight by the factor to the right.....	1.02	1.05	1.09	1.13	1.17

## Using the Easton Target/Field/3-D Shaft Size Selection Chart

Once you have determined your Correct Arrow Length and your Actual or Calculated Peak Bow Weight, you are ready to select your correct shaft size:

1. In the "Peak Bow Weight" area on the right or left-hand sides of the CHART, select the column that best describes the type of bow you shoot.
2. Move down the column to locate the box that includes your **Actual** or **Calculated Peak Bow Weight**.
3. Move across the row in a horizontal direction until you locate the column indicating your **Correct Arrow Length**. One or more recommended sizes are listed in the "Shaft Size" box located where your **Actual** or **Calculated Peak Bow Weight** row and **Correct Arrow Length** column intersect.
4. Depending on your shooting requirements, choose a shaft from the various types and weights of shafts listed in the box.

FOR ADDITIONAL INFORMATION SEE:  
*Easton Archery Target Catalog*  
*Easton Arrow Tuning and Maintenance Guide*  
*Easton Archer's Almanac*

## Reading the Easton TARGET Shaft Size Selection Chart

Suggested<sup>1</sup> A/C/C & HyperSpeed  
Suggested<sup>1</sup> A/C/E and X10 (for recurve)  
R = Size(s) for Recurve<sup>3</sup>

Relative Stiffness  
A = Stiffest  
B = Less stiff, etc.

470 R • 520 R	A/C/E	204
450 R • 500 R	X10	243
2-28	HSpd	196
3-28 • 3-39	A/C/C	243
460	Rdln	218
2212	X7	265 B
2213	X7.75	295 A
2114	X7.75	296 B
2115	75.S	323 A

Suggested<sup>1</sup> Aluminum Shaft Sizes

Suggested<sup>1</sup> Redline Shaft Sizes

Shaft Model

Weight of Shaft Only (grains)<sup>2</sup>

Most commonly used sizes—**boldface** type

## <sup>1</sup>Suggested Sizes

When two shaft sizes are shown together (separated by a dot or parenthesis), either may be used. The choice depends on the setup and shooting style of the archer.

The chart indicates that more than one shaft size may shoot well from your bow. **Shaft sizes in bold type** are the most widely used aluminum sizes, but you may decide to shoot a lighter shaft for speed, or a heavier shaft for greater durability. Variations in bow efficiency, type of wheels or cams, bow length, string material and release type may require special bow tuning or a shaft size change.

Although Easton has attempted to consider most variations of equipment, there are other style and equipment variables that could require shaft sizes other than the ones suggested. In these cases, you'll need to experiment and use stiffer or weaker spine shafts to fit your situation.

For one-cam bows see, "Selecting Cams" in the sidebar notes of the Target Selection Chart.

## <sup>2</sup>Shaft Weights

When two shaft sizes are listed together (separated by a dot or parenthesis) the weight listed is for the first shaft.

## <sup>3</sup>Using X10 and A/C/E Shafts with Compounds

X10 and A/C/E shafts perform differently in compound bows than in recurve bows. To determine the recommended X10 and A/C/E sizes for compound bows shot with release aids, add 5# to your Peak Bow Weight (use shafts one size stiffer); with finger release, add 10-15# to your Peak Bow Weight (use shafts 2-3 sizes stiffer).

# Easton Target•Field•3-D Shaft Size Selection Chart

**Selecting Cams**—Due to the many varieties of cams offered by bow manufacturers, it may be more accurate to select the correct cam by using the manufacturer's velocity rating. Some manufacturers use the AMO standard (60# peak wt., 540 gr. arrow, 30" draw) and some use the IBO standard (70# peak wt., 350 gr. arrow, 30" draw) to rate their bows. Both velocity ratings are listed in the chart under each style of cam. For one-cam bows use the shape of the cam, not the idler wheel, to determine the correct column, or use the manufacturer's velocity rating..

**"Shaft Size"** column—When two shaft sizes are listed together (separated by a dot or parenthesis) either may be used. The choice depends on the setup and shooting style of the archer. The size recommendations for recurve bows are indicated with a letter "R" next to the size. X10 and A/C/E shafts perform differently in recurves than in compound bows. To determine the recommended X10 and A/C/E sizes for compound bows shot with release aids, add 5# to your Peak Bow Weight (use shafts one size stiffer); with finger release, add 10-15# to your Peak Bow Weight (use shafts 2-3 sizes stiffer).

**"Shaft Model"** column—designates arrow model.

"X7" = X7®: Eclipse® and XT® Cosmic Eclipse™ (7178 alloy)

"75" = XX75®: Platinum® and Jazz™ (7075 alloy)

"X10" = X10™ Shafts (Aluminum/Carbon)

"A/C/E®" = Aluminum/Carbon/Extreme shafts

"A/C/C®" = Aluminum/Carbon/Composite shafts

"HSpd" = HyperSpeed™ A/C/C shafts

"Rdln" = Redline™ Carbon Composite Shafts

**"Shaft Weight"** column—indicates shaft weight only. When two shaft sizes are shown together, the weight listed is for the first shaft. To determine total arrow weight, add the weights of the shaft, point, insert (or outsert), UNI Bushing, nock and fletching. Aluminum shaft weights listed are XX75 weight unless the shaft is produced only in X7 alloy. Letter codes A-C listed to the right of shaft weight indicate the relative stiffness of each aluminum shaft within that "Shaft Size" box ("A" being the stiffest, "B" less stiff, etc.).

**WARNING: OVERSTRESSING COMPOUND BOWS BY USING ARROWS LIGHTER THAN AMO RECOMMENDATION MAY CAUSE DAMAGE TO THE BOW AND POSSIBLE INJURY TO THE SHOOTER.**

AMO compound bow manufacturers have issued the following warning:

• Total arrow weight (shaft weight shown on Easton chart plus weight of point, insert [if used] and fletching plus nock and UNI Bushing) should be greater than 6 grains per pound of peak bow weight for a 60# compound bow with a 30" draw length\*. Bow weights lighter than 60# and draw lengths shorter than 30" can use arrows lighter than 6 grains/pound of peak bow weight\*. Bow weights heavier than 60# and draw lengths longer than 30" should use arrows heavier than 6 grains/pound of peak bow weight\*.



\* For exact weights check "AMO Guidelines" in the Easton Tuning and Maintenance Guide.

**FOR ARROW LENGTHS LONGER THAN 33":** From your bow weight row, move down one row in the 33" column for each inch your arrow is longer than 33".

**FOR ARROW LENGTHS SHORTER THAN 23":** From your bow weight row, move up one row in the 23" column for each inch your arrow is shorter than 23".

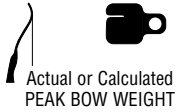
**FOR BOW WEIGHTS HEAVIER THAN INDICATED ON THE CHART:** From your arrow length column, move to the right one column (1" longer shaft) for each 6 lbs. your bow is heavier than the maximum weights shown.

**FOR COMPOUND BOWS WITH FINGER RELEASE:** From your bow weight row, move 1 row heavier (1 row down).

 <b>COMPOUND BOW RELEASE AID</b> 			<b>Special Precautions for Carbon Shafts:</b> Carbon arrows may be used for hunting if special precautions are taken. See your dealer or the information packed with Easton's A/C/C, HyperSpeed, and Redline shafts.								
Actual or Calculated PEAK BOW WEIGHT			Correct Arrow Length								
SOFT CAM AMO up to 210 fps IBO up to 260 fps	MEDIUM CAM AMO 211-230 fps IBO 261-290 fps	HARD CAM AMO 231 fps up IBO 291 fps up	23"		24"		25"				
			22 1/2" (57.2 cm)	-23 1/2" (59.7 cm)	23 1/2" (59.7 cm)	-24 1/2" (62.2 cm)	24 1/2" (62.2 cm)	-25 1/2" (64.8 cm)			
Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Weight	
<b>28-34 LBS.</b> (12.7-15.4 KG)			1400 R	A/C/E	112	1250•1400R	A/C/E	122	1100•1250R	A/C/E	129
			2-00	A/C/C	108	2-00•3L-00R	A/C/C	113	3L-00•3-00R	A/C/C	128
			1512	X7	134 A	1612	X7	150 A	1612	X7	157 C
			1416	75	164 B	1514	X7	164 B	1614	X7	193 A
						1516	75	176 C			
<b>34-40 LBS.</b> (15.4-18.1 KG)	<b>29-35 LBS.</b> (13.2-15.9 KG)		1250•1400R	A/C/E	117	1100•1250R	A/C/E	123	1000•1100R	A/C/E	143
			2-00•3L-00	A/C/C	108	3L-00•3-00	A/C/C	123	1000 R 3-00	A/C/C	137
			1612	X7	144 A	1612	X7	150 C	1712	X7	168 A
			1514	X7	157 B	1614	X7	186 A	1614	X7	193 B
			1516	75	169 C				1616	75	209 A
<b>40-45 LBS.</b> (18.1-20.4 KG)	<b>35-40 LBS.</b> (15.9-18.1 KG)	<b>29-35 LBS.</b> (13.2-15.9 KG)	1100•1250R	A/C/E	118	1000•1100R	A/C/E	137	920•1000R	A/C/E	146
			3L-00•3-00R	A/C/C	118	3-00	A/C/C	131	2L-04•2-04	A/C/C	151
			1612	X7	144 C	1712	X7	161 A	1712	X7	168 C
			1614	X7	178 A	1614	X7	186 B	1714	X7	186 B
						1616	75	201 A	1616	75	209 C
<b>45-50 LBS.</b> (20.4-22.7 KG)	<b>40-45 LBS.</b> (18.1-20.4 KG)	<b>35-40 LBS.</b> (15.9-18.1 KG)	1000•1100R	A/C/E	131	920•1000R	A/C/E	140	780•850R	A/C/E	150
			1000 R	X10	121	900•1000R	X10	138	750•830R	X10	159
			3-00	A/C/C	126	2L-04•2-04	A/C/C	145	2-04	A/C/C	162
			1712	X7	154 A	1712	X7	161 C	1812	X7	153
			1614	X7	178 B	1714	X7	178 B	1714	X7	183 B
			1616	75	192 A	1616	75	201 C	1716	75	202 C
									1716	75	226 A
<b>50-55 LBS.</b> (22.7-24.9 KG)	<b>45-50 LBS.</b> (20.4-22.7 KG)	<b>40-45 LBS.</b> (18.1-20.4 KG)	920•1000R	A/C/E	134	780•850R	A/C/E	144	720•780R	A/C/E	159
			900•1000R	X10	132	750•830R	X10	152	700•750R	X10	168
			2L-04•2-04	A/C/C	139	2-04	A/C/C	156	3X-04•3L-04	A/C/C	168
			1712	X7	154 C	1812	X7	175 B	1912	X7	153
			1713	75	171 B	1714	X7	194 C	1813	75	190 A
			1714	X7	186 A	1716	75	217 A	1814	X7	196 C
			1616	75	192 C				1816	75	214 B
											232 A
<b>55-60 LBS.</b> (24.9-27.2 KG)	<b>50-55 LBS.</b> (22.7-24.9 KG)	<b>45-50 LBS.</b> (20.4-22.7 KG)	780•850R	A/C/E	138	720•780R	A/C/E	152	670•720R	A/C/E	170
			750•830R	X10	146	700•750R	X10	161	650•700R	X10	170
			2-04	A/C/C	149	3X-04•3L-04	A/C/C	161	3L-04•3-04	A/C/C	174
			780	Rdln	141	780	Rdln	147	690	Rdln	156
			1812	X7	168 B	1912	X7	182 A	1912	X7	180 C
			1714	X7	186 C	1813	75	189 C	1913	X7	200 A
			1716	75	208 A	1814	X7	206 B	1913	75	208 B
						1816	75	223 A	1914	75	232 A
<b>60-65 LBS.</b> (27.2-29.5 KG)	<b>55-60 LBS.</b> (24.9-27.2 KG)	<b>50-55 LBS.</b> (22.7-24.9 KG)	720•780R	A/C/E	146	670•720R	A/C/E	142	620•670R	A/C/E	153
			700•750R	X10	154	650•700R	X10	163	600•650R	X10	176
			3X-04•3L-04	A/C/C	155	3L-04•3-04	A/C/C	167	3-04	A/C/C	180
			780	Rdln	141	690	Rdln	150	600	Rdln	156
			1912	X7	175 A	1912	X7	182 C	2012	X7	200 C
			1813	75	181 C	2012	X7	192 A	2013	75	225 A
			1814	X7	197 B	1913	75	200 B	1914	X7	232 C
			1816	75	213 A	1916	X7	223 A	1916	75	251 B
<b>65-70 LBS.</b> (29.5-31.8 KG)	<b>60-65 LBS.</b> (27.2-29.5 KG)	<b>55-60 LBS.</b> (24.9-27.2 KG)	3L-04•3-04	A/C/C	160	3-04	A/C/C	173	2L-18	HSpd	147
			690	Rdln	144	690	Rdln	150	3L-18	A/C/C	167
			1912	X7	175 C	2012	X7	192 C	2112	X7	187
			2012	X7	184 A	2013	75	216 A	2013	75	210 B
			1913	75	192 B	1914	X7	223 C	2014	X7	225 C
			1914	X7	208 B	1916	75	241 B	1916	75	239 B
											251 C
<b>70-76 LBS.</b> (31.8-34.5 KG)	<b>65-70 LBS.</b> (29.5-31.8 KG)	<b>60-65 LBS.</b> (27.2-29.5 KG)	3-04	A/C/C	166	2L-18	HSpd	141	2-18	HSpd	161
			690	Rdln	144	3L-18	A/C/C	179	3-18•3-28	A/C/C	195
			2012	X7	184 C	2012	X7	202 B	520	X7	179
			2013	75	207 A	2013	75	216 C	2212	X7	221 A
			1914	X7	213 C	2014	X7	229 B	2014	X7,75	246 A
			1916	75	231 B	1916	75	241 C	2016	75	264 B
<b>76-82 LBS.</b> (34.5-37.2 KG)	<b>70-76 LBS.</b> (31.8-34.5 KG)	<b>65-70 LBS.</b> (29.5-31.8 KG)	2L-18	HSpd	135	2-18	HSpd	154	2-28	HSpd	163
			3L-18	A/C/C	172	3-18•3-28	A/C/C	187	2-28	A/C/C	202
			600	Rdln	155	520	Rdln	172	460	Rdln	182
			2112	X7	194 B	2212	X7	212 A	2212	X7	221 B
			2013	75	207 C	2014	X7,75	237 A	2213	X7,75	246 A
			2014	X7	220 B	2114	75	253 B	2114	X7,75	246 B
			1916	75	231 C	2016	75	258 A	2115	75	269 A
<b>82-88 LBS.</b> (37.2-39.9 KG)	<b>76-82 LBS.</b> (34.5-37.2 KG)	<b>70-76 LBS.</b> (31.8-34.5 KG)	2-18	HSpd	148	2-28	HSpd	157	2-39	HSpd	173
			3-18•3-28	A/C/C	180	3-28•3-39	A/C/C	194	3-39	A/C/C	215
			520	Rdln	165	460	Rdln	175	460	Rdln	182
			2212	X7	203 A	2212	X7	212 B	2312	X7	237 A
			2114	X7,75	243 A	2114	X7,75	237 B	2213	X7,75	246 B
			2016	75	227 B	2115	75	258 A	2214	75	260 A
									2115	75	269 C

# Easton Target•Field•3-D Shaft Size Selection Chart

**RECURVE BOW  
FINGER RELEASE**



Actual or Calculated  
PEAK BOW WEIGHT

## Correct Arrow Length for Target•Field•3-D

25 1/2" (64.8 cm)		26" (66.0 cm)		26 1/2" (67.3 cm)		27" (68.6 cm)		27 1/2" (69.9 cm)		28" (71.2 cm)		28 1/2" (72.4 cm)		29" (73.7 cm)		29 1/2" (75.0 cm)		30" (76.2 cm)		30 1/2" (77.5 cm)		31" (78.7 cm)		31 1/2" (80.0 cm)		32" (81.3 cm)		32 1/2" (82.5 cm)				
Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight	Shaft Size	Shaft Model	Shaft Weight			
1000•1100R 1000 R 3-00	A/C/E X10 A/C/C	148 137 142	920•1000R 900•1000R 2L-04•2-04	A/C/E X10 A/C/C	157 155 163	780•850R 750•830R 2-04 780	A/C/E X10 A/C/C Rdln	168 178 181 171	720•780R 700•750R 3X-04•3L-04	A/C/E X10 A/C/C Rdln	184 194 195 177																					
1712 1614 1616	X7 X7 75	174 A 201 B 217 A	1712 1713 1714 1616	X7 75 X7 75	181 C 200 B 218 A 226 C	1812 200 B 1714 1716	X7 75 X7 75	1912 1912 220 C 240 B 260 A	X7 75 X7 75	204 B 226 C 1814 1816	1912 220 A 228 C 248 B 269 A																					
920•1000R 900•1000R 2L-04•2-04	A/C/E X10 A/C/C	152 150 157	780•850R 750•830R 2-04 780	A/C/E X10 A/C/C Rdln	162 171 175 165	720•780R 700•750R 3X-04•3L-04	A/C/E X10 A/C/C Rdln	188 188 188 171	670•720R 650•700R 3L-04•3-04	A/C/E X10 A/C/C Rdln	172 197 201 181	620•670R 600•650R 3-04	A/C/E X10 A/C/C Rdln	183 211 216 187																		
1712 1713 1714 1616	X7 75 X7 75	174 C 193 B 210 A 217 C	1812 1714 1716	X7 75 X7 75	197 B 218 C 244 A	1912 1813 1814 1816	X7 75 X7 75	213 A 220 C 240 B 260 A	X7 75 X7 75	213 A 220 C 242 B 269 A	220 C 2012 2013 2014 1914	620•670R 600•650R 3-04 2-18 3-18•3-28	A/C/E X10 A/C/C Rdln	183 211 216 187																		
780•850R 700•830R	A/C/E X10	156 165	720•780R 700•750R	A/C/E X10	171 181	670•720R 650•700R	A/C/E X10	166 190	620•670R 600•650R	A/C/E X10	177 204	570•620R 550•600R	A/C/E X10	189 224	520•570R 500•550R	A/C/E X10	206 211	470•520R 450•500R	A/C/E X10	224 211	420•470R 400•450R	A/C/E X10	242 211	370•420R 350•400R	A/C/E X10	257 224	320•370R 300•350R	A/C/E X10	282 247	270•320R 250•300R	A/C/E X10	307 272
2-04 780 1812 1714 1716	A/C/C Rdln X7 X7 75	168 159 190 B 210 C 235 A	3X-04•3L-04 780 1912 1813 1814 1816	A/C/C Rdln X7 X7 75	181 165 205 A 212 C 231 B 250 A	3L-04•3-04 690 1912 2012 1913 1914	A/C/C Rdln X7 X7 75	194 175 213 C 224 A 233 B 260 A	3-04 690 2012 2013 1914 1916	3-04 690 2012 2013 2014 2016	209 181 232 C 261 A 269 C 291 B	570•620R 550•600R 2L-18 3L-18 600 2112 2013 2014 2016	A/C/C Rdln X7 X7 75	189 224 176 224 202 212 270 C 287 B 301 C	520•570R 500•550R 2-18 3-18•3-28 520 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	206 211 216 215 265 A	470•520R 450•500R 2-18 3-18•3-28 520 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	224 211 196 243 218 265 B 295 A 296 B 317 B	420•470R 400•450R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	242 211 196 243 218 265 B 295 A 296 B 317 B	370•420R 350•400R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	282 247 257 224 243 295 A 296 B 317 B	270•320R 250•300R 2-18 3-18•3-28 360 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	307 272 282 247 257 224 243 295 A 296 B 317 B			
720•780R 700•750R	A/C/E X10	165 174	670•720R 650•700R	A/C/E X10	163 180	620•670R 600•650R	A/C/E X10	171 197	570•620R 550•600R	A/C/E X10	183 211	520•570R 500•550R	A/C/E X10	200 234	470•520R 450•500R	A/C/E X10	225 247	420•470R 400•450R	A/C/E X10	257 224	370•420R 350•400R	A/C/E X10	282 247	320•370R 300•350R	A/C/E X10	307 272	270•320R 250•300R	A/C/E X10	332 297	220•270R 200•250R	A/C/E X10	357 322
3X-04•3L-04 780 1912 1813 1814 1816	A/C/C Rdln X7 X7 75	175 159 198 A 204 C 223 B 241 A	3L-04•3-04 690 1912 2012 1913 1914	A/C/C Rdln X7 X7 75	187 168 205 C 216 A 225 B 251 A	3-04 690 2012 2013 1914 1916	A/C/C Rdln X7 X7 75	202 175 224 C 252 A 260 C 281 B	2L-18 3L-18 600 2112 2013 2014 2016	2L-18 3L-18 600 2112 2013 2014 2016	183 211 171 216 195 244 B 261 C 277 B 291 C	520•570R 500•550R 2-18 3-18•3-28 520 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	200 234 193 234 215 265 A	470•520R 450•500R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	225 247 193 234 215 265 A	420•470R 400•450R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	257 224 196 243 218 265 B 295 A 296 B 317 B	370•420R 350•400R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	282 247 257 224 243 295 A 296 B 317 B	320•370R 300•350R 2-18 3-18•3-28 360 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	307 272 282 247 257 224 243 295 A 296 B 317 B	270•320R 250•300R 2-18 3-18•3-28 360 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	332 297 307 272 282 247 257 224 243 295 A 296 B 317 B			
670•720R 650•700R	A/C/E X10	154 177	620•670R 600•650R	A/C/E X10	165 190	570•620R 550•600R	A/C/E X10	176 209	520•570R 500•550R	A/C/E X10	193 226	470•520R 450•500R	A/C/E X10	204 243	420•470R 400•450R	A/C/E X10	225 247	370•420R 350•400R	A/C/E X10	257 224	320•370R 300•350R	A/C/E X10	282 247	270•320R 250•300R	A/C/E X10	307 272	220•270R 200•250R	A/C/E X10	332 297	170•220R 150•200R	A/C/E X10	357 322
3L-04•3-04 690 1912 2012 1913 1914 1916	A/C/C Rdln X7 X7 75	180 162 198 C 208 A 217 B 241 A	3-04 690 2012 2013 1914 1916	A/C/C Rdln X7 X7 75	194 168 216 C 243 A 251 A	3-04 690 2012 2013 2014 2016	A/C/C Rdln X7 X7 75	209 188 236 B 252 C 268 B 281 B	2L-18 3L-18 600 2112 2013 2014 2016	2L-18 3L-18 600 2112 2013 2014 2016	193 226 186 226 520 208 460 2212 2213 2114 2016	470•520R 450•500R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	204 243 196 243 218 265 B 295 A 296 B 323 A	420•470R 400•450R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	225 247 196 243 218 265 B 295 A 296 B 323 A	370•420R 350•400R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	257 224 208 257 218 265 B 295 A 296 B 323 A	320•370R 300•350R 2-18 3-18•3-28 360 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	282 247 257 224 243 295 A 296 B 317 B	270•320R 250•300R 2-18 3-18•3-28 360 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	307 272 282 247 257 224 243 295 A 296 B 317 B						
620•670R 600•650R	A/C/E X10	159 183	570•620R 550•600R	A/C/E X10	162 189	520•570R 500•550R	A/C/E X10	186 218	470•520R 450•500R	A/C/E X10	197 235	420•470R 400•450R	A/C/E X10	225 257	370•420R 350•400R	A/C/E X10	257 224	320•370R 300•350R	A/C/E X10	282 247	270•320R 250•300R	A/C/E X10	307 272	220•270R 200•250R	A/C/E X10	332 297	170•220R 150•200R	A/C/E X10	357 322	120•170R 100•150R	A/C/E X10	382 347
3-04 690 2012 2013 1914 1916	A/C/C Rdln X7 X7 75	187 162 208 C 234 A 241 C 261 B	3L-18 600 2112 2013 2014 1916	A/C/C Rdln X7 X7 75	201 182 227 B 243 C 258 B 271 C	3-18•3-28 520 2212 2013 2014 2016	A/C/C Rdln X7 X7 75	217 201 247 A 252 C 276 A 281 B	2L-18 3L-18 600 2112 2013 2014 2016	2L-18 3L-18 600 2112 2013 2014 2016	197 235 189 235 211 256 B 285 A 312 A 306 B	420•470R 400•450R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	225 257 208 257 218 265 B 295 A 296 B 323 A	370•420R 350•400R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	257 224 208 257 218 265 B 295 A 296 B 323 A	320•370R 300•350R 2-18 3-18•3-28 360 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	282 247 257 224 243 295 A 296 B 317 B	270•320R 250•300R 2-18 3-18•3-28 360 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	307 272 282 247 257 224 243 295 A 296 B 317 B									
520•570R 500•550R	A/C/E X10	173 203	470•520R 450•500R	A/C/E X10	184 211	420•470R 400•450R	A/C/E X10	197 235	370•420R 350•400R	A/C/E X10	218 257	320•370R 300•350R	A/C/E X10	247 282	270•320R 250•300R	A/C/E X10	307 272	220•270R 200•250R	A/C/E X10	332 297	170•220R 150•200R	A/C/E X10	357 322	120•170R 100•150R	A/C/E X10	382 347	70•120R 50•100R	A/C/E X10	407 372	20•70R 0•50R	A/C/E X10	432 397
2-18 3-18•3-28 520 2212 2013 2014 1916	A/C/C Rdln X7 X7 75	167 203 186 230 A 230 A 256 A 275 B	3-18•3-28 460 2212 2213 2114 2016	A/C/C Rdln X7 X7 75	203 197 198 239 A 239 A 266 A 285 B	3-18•3-28 460 2212 2013 2014 2016	A/C/C Rdln X7 X7 75	217 201 247 A 252 C 276 A 281 B	2L-18 3L-18 600 2112 2013 2014 2016	2L-18 3L-18 600 2112 2013 2014 2016	218 235 189 235 211 256 B 285 A 312 A 306 B	420•470R 400•450R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	225 257 208 257 218 265 B 295 A 296 B 323 A	370•420R 350•400R 2-18 3-18•3-28 460 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	257 224 208 257 218 265 B 295 A 296 B 323 A	320•370R 300•350R 2-18 3-18•3-28 360 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	282 247 257 224 243 295 A 296 B 317 B	270•320R 250•300R 2-18 3-18•3-28 360 2212 2213 2114 2016	A/C/E X10 A/C/C Rdln	307 272 282 247 257 224 243 295 A 296 B 317 B									
2-28 3-28•3-39 460 2212 2213 2114 2115	HSpd A/C/C Rdln X7 X7 75	170 210 189 230 B 256 A 256 B 280 A	430•470R 410•450R 2-39 3-39 460 2212 2213 2114 2115	HSpd A/C/C Rdln X7 X7 75	190 229 187 192 197 239 A 239 A 266 A 285 B	380•410R 3-39•3-49 410 2412 2413 2214 2314	HSpd A/C/C Rdln X7 X7 75	210 248 200 240 221 270 B 291 A 292 C 292 A	370•400R 380 R 2-49 3-49•3-60 360 2512	HSpd A/C/C Rdln X7 X7 75	229 257 208 256 242 280 B 302 A 312 B 338 A	370 R 2-60 3-60•3-71 360 2512	HSpd A/C/C Rdln X7 X7 75	237 266 215 265 251	370 R 2-60 3-60•3-71 360 2512	HSpd A/C/C Rdln X7 X7 75	247 282 249 257 243	430•470R 410•450R 2-39 3-39 460 2212 2213 2114 2016	HSpd A/C/C Rdln X7 X7 75	257 224 208 257 218 265 B 295 A 296 B 323 A	320•370R 300•350R 2-18 3-18•3-28 360 2212 2213 2114 2016	HSpd A/C/C Rdln										