



**ERNESTSPORTS®**  
IMPROVING GOLF PERFORMANCE

### Country Club of the South ES12 Product Testing Datasheet

	Club	Ball Type	ES12 Ball Speed	ES12 Distance	Launch Monitor Ball Speed	Launch Monitor Distance	Bushnell	Speed Difference ES12 to LM	Yardage Difference ES12 to LM	Yardage Difference ES12 to Bushnell	Yardage Difference LM to Bushnell
1	Mizuno	NXT	88.0	114.0	90.2	114.4	115.0	-2.2	-0.4	-1.0	-0.6
	Iron Byron		88.0	113.0	90.3	114.3	114.0	-2.3	-1.3	-1.0	0.3
	MP-59 PW		86.0	111.0	89.9	112.0	113.0	-3.9	-1.0	-2.0	-1.0
	(46 degrees)		89.0	115.0	90.0	111.3	112.0	-1.0	3.7	3.0	-0.7
			95.0	124.0	90.4	112.5	113.0	4.6	11.5	11.0	-0.5
		<b>Averages</b>	<b>89.2</b>	<b>115.4</b>	<b>90.2</b>	<b>112.9</b>	<b>113.4</b>	<b>-1.0</b>	<b>2.5</b>	<b>2.0</b>	<b>-0.5</b>
2	Mizuno	PROV1X	88.0	114.0	89.8	112.3	116.0	-1.8	1.7	-2.0	-3.7
	Iron Byron		88.0	114.0	90.0	112.4	114.0	-2.0	1.6	0.0	-1.6
	MP-59 PW		88.0	114.0	90.1	112.0	112.0	-2.1	2.0	2.0	0.0
	(46 degrees)		88.0	114.0	90.0	113.5	115.0	-2.0	0.5	-1.0	-1.5
			88.0	114.0	90.0	113.9	115.0	-2.0	0.1	-1.0	-1.1
		<b>Averages</b>	<b>88.0</b>	<b>114.0</b>	<b>90.0</b>	<b>112.8</b>	<b>114.4</b>	<b>-2.0</b>	<b>1.2</b>	<b>-0.4</b>	<b>-1.6</b>
3	Mizuno	NXT	114.0	160.0	113.4	159.2	159.0	0.6	0.8	1.0	0.2
	Iron Byron		114.0	160.0	113.5	159.7	160.0	0.5	0.3	0.0	-0.3
	MP-59 6 Iron		114.0	160.0	113.2	158.0	157.0	0.8	2.0	3.0	1.0
	(30 degrees)		110.0	154.0	113.5	159.2	159.0	-3.5	-5.2	-5.0	0.2
			112.0	157.0	112.9	158.1	158.0	-0.9	-1.1	-1.0	0.1
		<b>Averages</b>	<b>112.8</b>	<b>158.2</b>	<b>113.3</b>	<b>158.8</b>	<b>158.6</b>	<b>-0.5</b>	<b>-0.6</b>	<b>-0.4</b>	<b>0.2</b>
4	Mizuno	PROV1X	107.0	149.0	114.5	158.7	158.0	-7.5	-9.7	-9.0	0.7
	Iron Byron		113.0	158.0	114.4	158.6	159.0	-1.4	-0.6	-1.0	-0.4
	MP-59 6 Iron		113.0	158.0	114.1	157.2	157.0	-1.1	0.8	1.0	0.2
	(30 degrees)		113.0	158.0	114.1	159.8	160.0	-1.1	-1.8	-2.0	-0.2
			113.0	158.0	114.0	161.0	160.0	-1.0	-3.0	-2.0	1.0
		<b>Averages</b>	<b>111.8</b>	<b>156.2</b>	<b>114.2</b>	<b>159.1</b>	<b>158.8</b>	<b>-2.4</b>	<b>-2.9</b>	<b>-2.6</b>	<b>0.3</b>

	Club	Ball Type	ES12 Ball Speed	ES12 Distance	Launch Monitor Ball Speed	Launch Monitor Distance	Bushnell	Speed Difference ES12 to LM	Yardage Difference ES12 to LM	Yardage Difference ES12 to Bushnell	Yardage Difference LM to Bushnell
5	Mizuno	NXT	107.0	149.0	107.4	148.0	150.0	-0.4	1.0	-1.0	-2.0
	Iron Byron		107.0	149.0	107.4	145.0	147.0	-0.4	4.0	2.0	-2.0
	MP-59 6 Iron (30 degrees)		109.0	152.0	108.7	156.0	154.0	0.3	-4.0	-2.0	2.0
	Low Launch Angle		109.0	152.0	108.4	154.0	154.0	0.6	-2.0	-2.0	0.0
			109.0	152.0	108.3	149.3	150.0	0.7	2.7	2.0	-0.7
		<b>Averages</b>	<b>108.2</b>	<b>150.8</b>	<b>108.0</b>	<b>150.5</b>	<b>151.0</b>	<b>0.2</b>	<b>0.3</b>	<b>-0.2</b>	<b>-0.5</b>
6	Mizuno	NXT	108.0	150.0	107.4	149.4	150.0	0.6	0.6	0.0	-0.6
	Iron Byron		107.0	149.0	106.6	144.4	147.0	0.4	4.6	2.0	-2.6
	MP-59 6 Iron (30 degrees)		104.0	144.0	105.9	146.0	147.0	-1.9	-2.0	-3.0	-1.0
	High Launch Angle		107.0	149.0	105.5	148.1	149.0	1.5	0.9	0.0	-0.9
			103.0	142.0	105.3	146.9	149.0	-2.3	-4.9	-7.0	-2.1
		<b>Averages</b>	<b>105.8</b>	<b>146.8</b>	<b>106.1</b>	<b>147.0</b>	<b>148.4</b>	<b>-0.3</b>	<b>-0.2</b>	<b>-1.6</b>	<b>-1.4</b>
7	Mizuno	NXT	116.0	164.0	115.6	159.4	162.0	0.4	4.6	2.0	-2.6
	Iron Byron		116.0	164.0	116.0	159.7	162.0	0.0	4.3	2.0	-2.3
	MP-59 6 Iron (30 degrees)		110.0	154.0	115.0	159.5	162.0	-5.0	-5.5	-8.0	-2.5
	**Draw		117.0	165.0	115.7	161.7	164.0	1.3	3.3	1.0	-2.3
			108.0	150.0	115.4	159.7	162.0	-7.4	-9.7	-12.0	-2.3
		<b>Averages</b>	<b>113.4</b>	<b>159.4</b>	<b>115.5</b>	<b>160.0</b>	<b>162.4</b>	<b>-2.1</b>	<b>-0.6</b>	<b>-3.0</b>	<b>-2.4</b>
8	Mizuno	NXT	108.0	150.0	109.3	152.2	150.0	-1.3	-2.2	0.0	2.2
	Iron Byron		110.0	154.0	109.7	152.7	150.0	0.3	1.3	4.0	2.7
	MP-59 6 Iron (30 degrees)		109.0	152.0	109.3	151.5	150.0	-0.3	0.5	2.0	1.5
	**Fade		110.0	154.0	109.2	151.4	150.0	0.8	2.6	4.0	1.4
			107.0	149.0	109.6	149.4	147.0	-2.6	-0.4	2.0	2.4
		<b>Averages</b>	<b>108.8</b>	<b>151.8</b>	<b>109.4</b>	<b>151.4</b>	<b>149.4</b>	<b>-0.6</b>	<b>0.4</b>	<b>2.4</b>	<b>2.0</b>
<b>Overall Averages</b>			<b>104.8</b>	<b>144.1</b>	<b>105.9</b>	<b>144.1</b>	<b>144.6</b>	<b>-1.1</b>	<b>0.0</b>	<b>-0.5</b>	<b>-0.5</b>

## Notes:

- 1) There was no difference between ball speed of the NXT range ball and the new PROV1X golf ball, on both the pitching wedge and the 6 iron.
- 2) In an attempt to show how the ES12 ascertains launch and club face angles notice the comparison between the Launch monitor and the ES12, in sections 5, 6, 7, and 8.