



## Club Fitting Report

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On behalf of the entire team, we would like to thank you for selecting us to assist you in the fitting of your new golf equipment. Please do not hesitate to contact us in the future.

### CUSTOM REPORT

This fitting report contains the following sections:

#### • Stock Club Report

Displays the stock clubs which will improve your performance, based upon the control club swing data.

#### Best Club Report

Displays details about selected clubs as they performed for you, with specifics regarding the selected best club. **Final length/lie: 37.750 / 62.00 (0.250 / 1.00), option: 1.**

Mizuno 2017 JPX 900 Forged	28.00	True Temper DG AMT S300	S
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#### After-Market Shaft Report

Displays the selected after-market shafts which will help to further optimize performance.

#### Raw Data

Displays the raw swing data from the fitting.

# Club Report

## Overview



Control Club	Recommended	Recommended	Recommended
Mizuno	Titleist	Mizuno	TaylorMade
2016 MP-25	2018 AP3 718	2017 JPX 900 Forged	2017 P770
(6I) 30.00	(6I) 28.00	(6I) 28.00	(7I) 33.00
S	S	S	S
steel	steel	steel	steel
Royal Precision	True Temper	True Temper	True Temper
Project X 6.0	DG AMT S300	DG AMT S300	DG AMT S300

### Analysis

Parameter	Units	Actual	Optimum	Diff
Club Speed	MPH	91.0	91.0	---
Ball Speed	MPH	123.5	128.3	4.8
Distance	Yards	162.3	182.0	19.7
Direction	Yards	3.0	0.0	-3.0
Launch	DEG			
Back Spin	RPM			
Descent	DEG			
Loft	DEG	30.0	28.0	-2
Flex		S	S	---

Your analysis is based upon the averages of your control club swings. These averages are compared against the optimals for key ball flight parameters including launch angle, backspin, side spin, deviation, etc. based upon your clubhead speed of 91.0 miles per hour. Because the control club used was a 7-iron, values were converted and normalized against the 6-iron model.

### Distance

### Fitting Recommendation

The clubs which have been recommended have the same characteristics which are:

#### Lower Launch Angle

These clubs were recommended based upon your current launch conditions. They create lower dynamic launch angles. Currently your launch angle is too high for your velocity. By lowering your launch angle you will create a better ball trajectory and increase your overall distance.

#### Spin Rate Reduction

The current clubs all create a lower ball backspin rate. Your current spin rate is too high based upon your ball velocity. By lowering your spin rate you will increase your distance. Reduced back spin will translate into higher ball velocity.

#### No Bias

Based upon your combination of launch deviation angle, side spin, and direction, you require clubs which have a neutral bias. Changes with launch angle and spin rate may be needed to hit your optimal.

Based upon your clubhead speed, your optimal distance is 182.0 yards. Your actual distance is 162.3 yards, or 19.7 yards shy of the optimal. Changes in [Launch Angle, Backspin, Ball Flight] can help you reach your optimal performance and improve your distance.

#### Launch Angle

Your optimal launch angle is 15.40 degrees with an acceptable range from 13.6 to 17.1 degrees. Your actual launch angle is 18.1 degrees, or 2.7 degrees above the optimal.

#### Descent Angle

Your optimal descent angle is 46.6 degrees with an acceptable range from 43.6 to 49.6 degrees. Your descent angle is 51.9 degrees, or 5.3 degrees above the optimal.

#### BackSpin

Your optimal backspin is 5982.00 RPM with an acceptable range from 5532 to 6432 RPM. Your actual backspin is 6711.00 RPM, or 729 RPMs above the optimal.

#### Direction

Your actual average direction or shot deviation is 3.0 yards from the center line. Your Launch Deviation Angle, which is the vector or degrees that the ball is launched laterally from its position on the tee/ground, is 0.67 degrees with a side spin of 4.00 RPMs. Launch Deviation Angles away from the target line to the left will be negative (-) and to the right of the target line will be positive (+).

#### Player Preferences

The following preference(s) were utilized as part of this fitting recommendation: .

## Best Club Report

The Club

Recommendation



Mizuno
2017 JPX 900 Forged
Loft: 28.00
Flex: S

Based on the overall results from the launch data of the clubs you tested, the Mizuno 2017 JPX 900 Forged provides the best performance for you. Compared with other clubs in the session, the Mizuno 2017 JPX 900 Forged was ranked number one in Shot Efficiency, Distance, Launch Angle, Deviation, Backspin, Range, and Clustering Diameter. This club, however, was lower or weaker in Sidespin. Regarding performance against optimums, the Mizuno 2017 JPX 900 Forged qualified for the highest performance rating in Distance, Launch Angle, Deviation, Backspin, and Sidespin. In addition, the club ranked high in Shot Efficiency.

**Final length/lie: 37.750 / 62.00 (0.250 / 1.00), option: 1.**

Best 
  Within Range 
  Outside Range


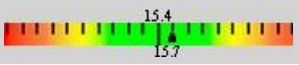
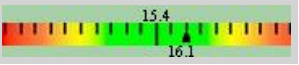
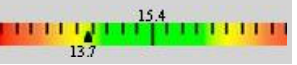

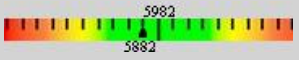
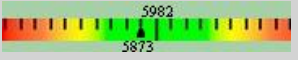
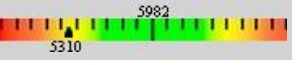
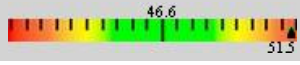
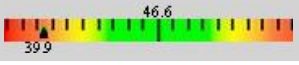
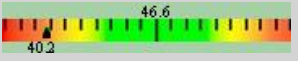
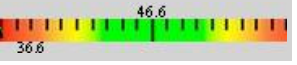
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### Comparison

Club Make	Mizuno	Titleist	Mizuno	TaylorMade
Club Model	2016 MP-25	2018 AP3 718	2017 JPX 900 Forged	2017 P770
Club/Loft	(30.00) 30.00	(28.00) 28.00	(28.00) 28.00	(33.00) 33.00 *
Length from Std	0.250	0.250	0.250	0.500
Lie from Std	0.00	-1.00	0.00	0.00
Flex	S	S	S	S
Shaft	Royal Precision Project X 6.0	True Temper DG AMT S300	True Temper DG AMT S300	True Temper DG AMT S300
Material	steel	steel	steel	steel
Type	custom	custom	custom	custom
Final Ranking	4 	2 	1 	3 

### Overall Performance

Clustering Diameter				
Distance				
Descent Angle				
Launch				
Backspin				
Deviation				
Shot Efficiency				
Shot Efficiency	2	2	1	4
Average Ball Speed (MPH)	123.5	123.5	123.8	121.1
Average Clubhead Speed (MPH)	88.5	88.5	88.7	85.7
Total Distance	4	2	1	3 *
Average (Yards)	169.0	188.3	189.7	171.4
Best (Yards)	174.0	196.0	196.0	177.2
Range (Yards)	9.0	13.0	13.0	11.7
Std Dev (Yards)	3.1	4.4	4.2	3.8
Carry Distance	3	2	1	4 *
Average (Yards)	162.3	175.2	176.3	157.8

Best	(Yards)	167.0	183.0	182.0	164.4
Distance Control	(Yards)	8.0	14.0	12.0	12.8
Std Dev	(Yards)	3.1	4.6	3.9	3.9
Launch Angle		2	1	1	1 *
Optimal	(degrees)				
Consistency(degrees)		2.72	0.30	0.75	1.68
Std Dev	(degrees)	0.61	0.38	0.77	0.67
Direction/Deviation		4	3	1	2
Clustering Diameter	(Yards)	22.2	17.9	16.9	17.6
Off Line	(Yards)	8.1	4.6	4.0	4.5
Lateral Dispersion	(Yards)	-8.8 / 13.4	-8.0 / 9.9	-3.2 / 8.7	-6.8 / 10.7
Lateral Control	(Yards)	11.2	9.8	8.3	9.6
Side Spin	(RPM)	4	6	160	-91
Back Spin		2	1	1	2 *
Optimal	(RPM)				
Consistency (RPM)		729	100	109	672
Descent Angle		2	3	3	4 *
Optimal	(degrees)				
Consistency(degrees)		4.93	6.75	6.40	9.97

\* Represents 7-iron data which has been normalized for comparison with 6-iron model.

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## True Temper DG AMT S300

True Temper's Dynamic Gold AMT shafts are designed with what the company is calling "ascending mass technology," creating a set of iron shafts that gets progressively heavier as golfers move from their long irons to wedges. The 3-iron shaft is the lightest in the set, and each subsequent shaft gets three grams heavier as the set progresses. That results in wedge shafts that weigh between 125 and 130 grams, depending on flex, which is the standard weight of True Temper's most popular Dynamic Gold iron shafts: R300, S300 and X100. The AMT shafts use the company's variable wall technology [VWT], which allows engineers to manipulate the wall thicknesses throughout the entirety of a shaft to reach the desired weight. They still maintain what Hall called the "Dynamic Gold DNA," however, meaning that they offer a very similar balance point and trajectory as the original models.

Flex	Weight	Torque	Bend Point	Tip Dia.	Butt Dia.
S	130 gm	1.7*	High	0.000	0.000



## KBS C-Taper .355

Inspired by Tour player feedback, the KBS C-TAPER shaft is designed for players requiring a low piercing trajectory and superior shot control. Packed with signature KBS technology, the KBS C-TAPER shaft maximizes energy transfer, for a crisp feel, while optimizing shaft diameters in the taper and tip areas for low trajectory and spin control. Independent testing proves the C-TAPER shaft to average 5% more distance versus the market leader as well. On Tour, the KBS C-TAPER shaft is preferred by several of the world's top players who favor shot control and crisp feel. Available in five flexes and weight ranging from 110g to 130g -- The KBS C-TAPER shaft is purposed for dialing in quick tempo players. SHAFT FEATURES 5% lower trajectory 5% less spin 5% more distance Available in 5 flexes from 110g : 130g

Flex	Weight	Torque	Bend Point	Tip Dia.	Butt Dia.
S	120 gm	1.9*	High	0.000	0.000



## True Temper Dynamic Gold S300

The #1 shaft in golf. This high-flex, tour weight shaft is designed for skilled players seeking a low, penetrating ball flight for optimum control and accuracy. Dynamic Gold woods are now available with a .350" tip for clubs with oversize hosel diameters. Available in tapered irons, parallel woods and parallel irons.

Flex	Weight	Torque	Bend Point	Tip Dia.	Butt Dia.
S	124 gm	1.6*	Mid/High	0.000	0.000

## Control Club Data

### Mizuno 2016 MP-25 30.00 S

Swing	Club Speed	Ball Speed	PTI	Total	Carry	Dev	Launch	Launch Dev	Back Spin	Side Spin
	(MPH)	(MPH)		(Yards)	(Yards)	(Yards)	(degrees)	(degrees)	(RPM)	(RPM)
1	91.0	128.0	1.40	174.0	167.0	-8.8	18.10	-0.20	6855	-497
2	88.0	121.0	1.37	167.0	160.0	-2.2	17.40	0.80	6645	-370
3	86.0	121.0	1.39	167.0	160.0	-5.2	17.70	0.00	6631	-358
4	90.0	127.0	1.41	172.0	166.0	13.4	18.60	1.90	6515	350
5	87.0	121.0	1.39	165.0	159.0	6.4	19.20	0.00	6840	466
6	89.0	123.0	1.37	169.0	162.0	12.4	17.70	1.50	6781	433
Avg*	88.50	123.50	1.39	169.00	162.33	8.07	18.12	0.73	6711.17	412.33
Range	5.00	7.00	0.04	9.00	8.00	22.20	1.80	2.10	340.00	963.00
Std. Dev	1.71	2.93	0.01	3.11	3.09	8.57	0.61	0.80	123.46	416.16

## Stock Club Data

### Mizuno 2017 JPX 900 Forged 28.00 S

Swing	Club Speed	Ball Speed	PTI	Total	Carry	Dev	Launch	Launch Dev	Back Spin	Side Spin
	(MPH)	(MPH)		(Yards)	(Yards)	(Yards)	(degrees)	(degrees)	(RPM)	(RPM)
7	88.0	125.0	1.41	190.0	178.0	0.4	16.50	-1.30	5844	318
8	91.0	128.0	1.41	196.0	182.0	8.7	15.00	0.10	5991	435
9	87.0	121.0	1.39	186.0	173.0	4.7	16.30	1.70	5845	-92
10	90.0	125.0	1.39	192.0	178.0	5.2	15.20	-0.50	6131	409
11	87.0	120.0	1.38	183.0	170.0	-3.2	16.50	-1.80	5819	198
12	89.0	124.0	1.39	191.0	177.0	-1.9	14.60	0.90	6037	-305
Avg*	88.67	123.83	1.39	189.67	176.33	4.02	15.68	1.05	5944.50	292.83
Range	4.00	8.00	0.03	13.00	12.00	11.90	1.90	3.50	312.00	740.00
Std. Dev	1.49	2.67	0.01	4.19	3.86	4.22	0.77	1.21	116.37	271.96

### TaylorMade 2017 P770 33.00 S (note: 7-iron data is normalized to 6i values for comparison reports; this raw data is not normalized)

Swing	Club Speed	Ball Speed	PTI	Total	Carry	Dev	Launch	Launch Dev	Back Spin	Side Spin
	(MPH)	(MPH)		(Yards)	(Yards)	(Yards)	(degrees)	(degrees)	(RPM)	(RPM)
13	84.0	115.0	1.37	164.0	151.0	10.7	16.10	1.90	5821	328
14	84.0	114.0	1.35	161.0	148.0	2.8	14.20	1.40	5971	-121
15	81.0	111.0	1.37	157.0	145.0	2.7	14.60	0.50	6027	93
16	80.0	110.0	1.37	155.0	142.0	-2.4	14.30	0.80	6090	-413
17	82.0	115.0	1.39	162.0	149.0	-6.8	13.90	-0.60	5920	-382
18	85.0	117.0	1.37	166.0	154.0	-5.0	15.00	-1.40	6165	-24
19	83.0	112.0	1.35	159.0	146.0	1.1	15.50	0.80	5905	-116
Avg*	82.71	113.43	1.37	160.57	147.86	4.50	14.80	1.06	5985.57	211.00
Range	5.00	7.00	0.04	11.00	12.00	17.50	2.20	3.30	344.00	741.00
Std. Dev	1.67	2.32	0.01	3.58	3.68	5.43	0.73	1.05	108.83	240.18

**Titleist 2018 AP3 718 28.00 S**

Swing	Club Speed	Ball Speed	PTI	Total	Carry	Dev	Launch	Launch Dev	Back Spin	Side Spin
	(MPH)	(MPH)		(Yards)	(Yards)	(Yards)	(degrees)	(degrees)	(RPM)	(RPM)
20	88.0	122.0	1.38	186.0	173.0	9.9	15.50	1.40	5920	275
21	86.0	120.0	1.38	183.0	169.0	-3.8	14.80	-0.10	5793	-202
22	88.0	123.0	1.38	187.0	174.0	-8.0	16.10	-1.50	5968	-143
23	90.0	126.0	1.39	192.0	179.0	4.2	15.60	-0.80	5782	413
24	91.0	128.0	1.41	196.0	183.0	1.4	15.60	0.40	6035	-13
25	88.0	122.0	1.37	186.0	173.0	-0.1	15.40	1.30	6062	-292
Avg*	88.50	123.50	1.38	188.33	175.17	4.57	15.50	0.92	5926.67	223.00
Range	5.00	8.00	0.04	13.00	14.00	17.90	1.30	2.90	280.00	705.00
Std. Dev	1.61	2.69	0.01	4.35	4.56	5.68	0.38	1.05	108.47	255.81