

An Unbreakable Package Based on
NASA Research and Proven Design

**Why an inverted triangle
to achieve a longer flight
distance?**



***iD* n a b l a**

PRGR *iD*

“*i* = inspiration” and
“*D* = data” have given birth to ...

i = inspiration

Accumulated experience builds up our senses. No theory or logic can explain the world of inspiration. What kind of club feels easy to hit? Through extensive dialogue with many amateur golfers, we carefully selected the best club length, weight, and shape. The result is equipment designed with inspiration.

D = Data

The swings of amateur golfers were analyzed from multiple viewpoints and quantified. Rigorous collection and analysis of basic data gave birth to a club that yields easy results. You have yet to reach your ultimate golf potential with PRGR golf science.

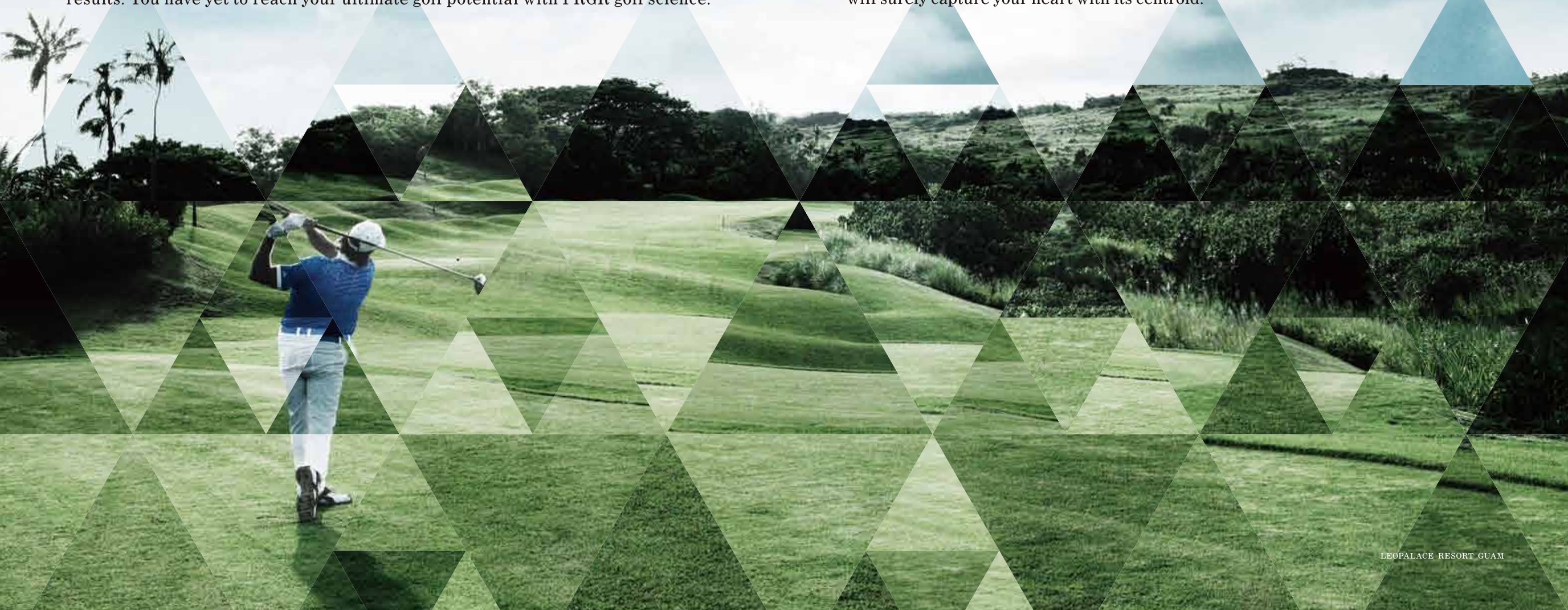
iD resulted in the best answer: “nabla,” the inverted triangle.

The eternal challenge that all golfers face is how to “hit far.” PRGR has come up with an answer. “Distance × Probability”.

Can a club that only gives you a good drive once every ten shots be called a club with flight distance? Out of all the clubs that claim to be long hitting, the one that has both the distance and high probability of getting that distance, should be named the true “long-hitting club.”

The optimum design for face, shaft and center of gravity, drawn from inspiration and data, are the three elements that make up nabla, the inverted triangle.

After years of attempts, PRGR has finally found the ideal form for a golf club. The club will surely capture your heart with its centroid.



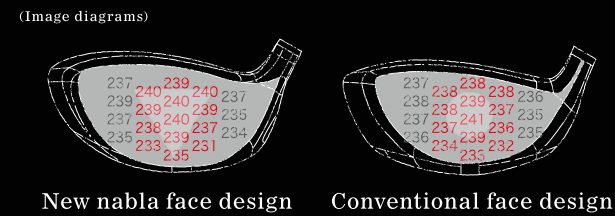
Reason 1 for distance

iD nabla face

A club face designed for maximizing distance.

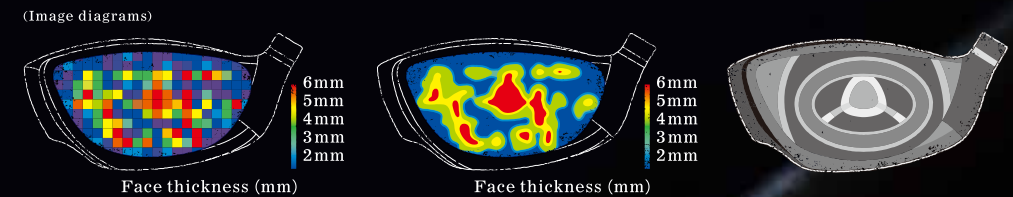
The nabla design means the repulsion area is 1.5 times larger
(compared with our existing models)

An astronomical number of patterns were narrowed down to find the optimum "thickness deviation triangular face." This means that the repulsion area is much larger, being a surface area rather than just a point. The wider surface area means an ideal "flight" can now be achieved.

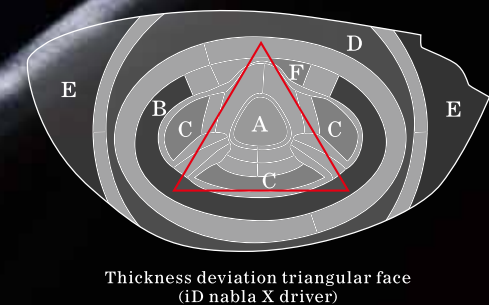


One answer derived from astronomical calculations

In the first generation of iD, simulations of thickness deviation for the club face were conducted in 49 segments. This has been changed to 187 segments. Out of all this astronomical number of patterns, some patterns were selected under certain conditions to conduct further simulations on more than 250,000 differing thickness deviation for face designs. After repeated creation of pilot models and testing, we found the super precise repulsion area.

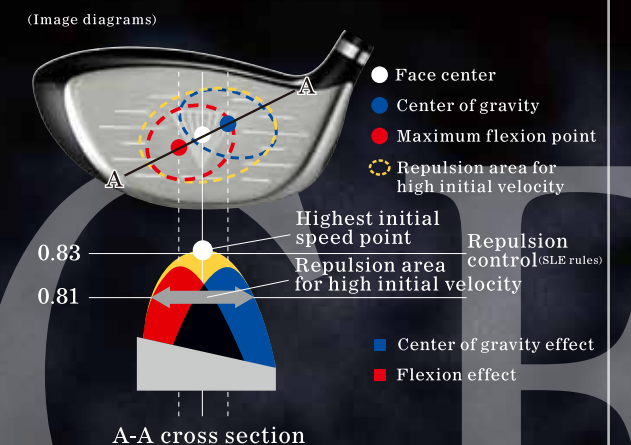


Thickness deviation area	Thickness (mm)
A	4.4
B	2.7
C	2.6
D	2.1
E	1.9
F	3.0



The improved three balance design

To obtain the widest area in the repulsion area for high initial velocity, the "face center," "center of gravity point," and "maximum flexion point" are placed at the optimal, most balanced positions. Furthermore, by maximizing the flexion part, the largest ever repulsion area has been created.



Reason 2 for distance

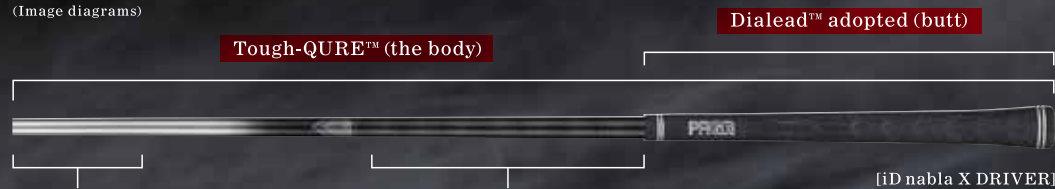
iD nabra shaft

— You are not drawing the best performance out of the club shaft. —
It's the shaft that draws out your best performance

Super high-modulus Dialead 78t carbon fiber, also used in aerospace

By applying the theory that the speed at the tip of a whip reaches the speed of sound, the part nearest the grip is made of super high modulus Dialead 78t carbon fiber, used in aerospace engineering. Further, another new material Tough-QUIRE™ is used to obtain both tenacity and repulsion. Accelerated bending like a whip has been realized in the material, design and the feeling of the club.

(Image diagrams)



The part within 200 mm of the tip
Rigidity control

Make the head move fast,
to increase head speed
Increase the turning of the head to
bring an increased capture of the ball

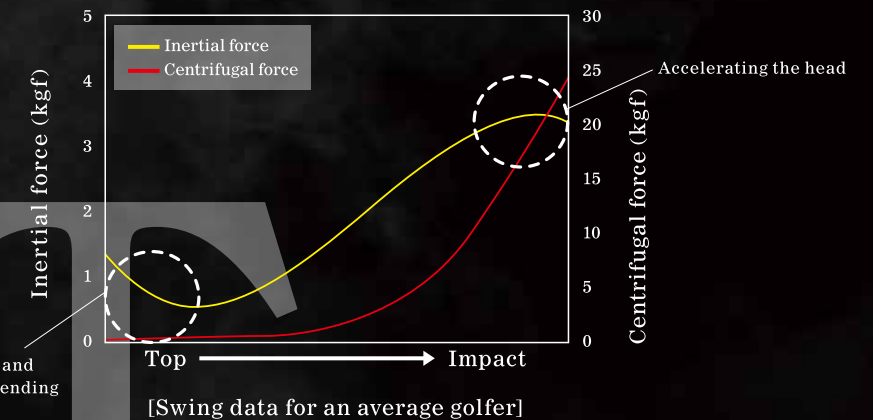
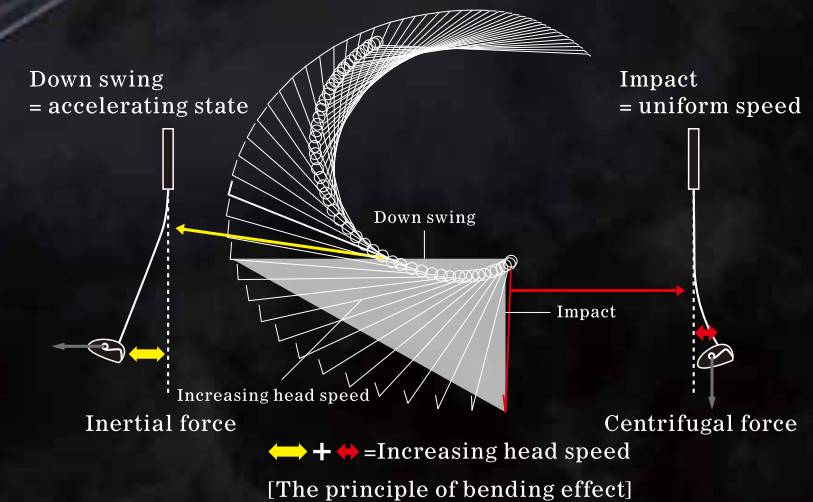
The part within 600 mm to 900 mm of the tip
Rigidity control

Bend with greater flexibility, to create a lag.

In the inverted triangle zone, the head speed accelerates to its extreme limit.

The reason why the head speed reaches its maximum at the moment of impact is that the head—coming down from the top—is delayed during acceleration, and overtakes just after impact. After analyzing data on the swings of over 9,000 golfers, the best bending position and timing for maximum head speed was calculated, helping to find the best whip-like bending. That is how the nabra shaft came about.

Shaft movement during the swing



*Dialead™ is a registered trademark of Mitsubishi Plastics Tough-QUIRE™ is a registered trademark of Mitsubishi Rayon

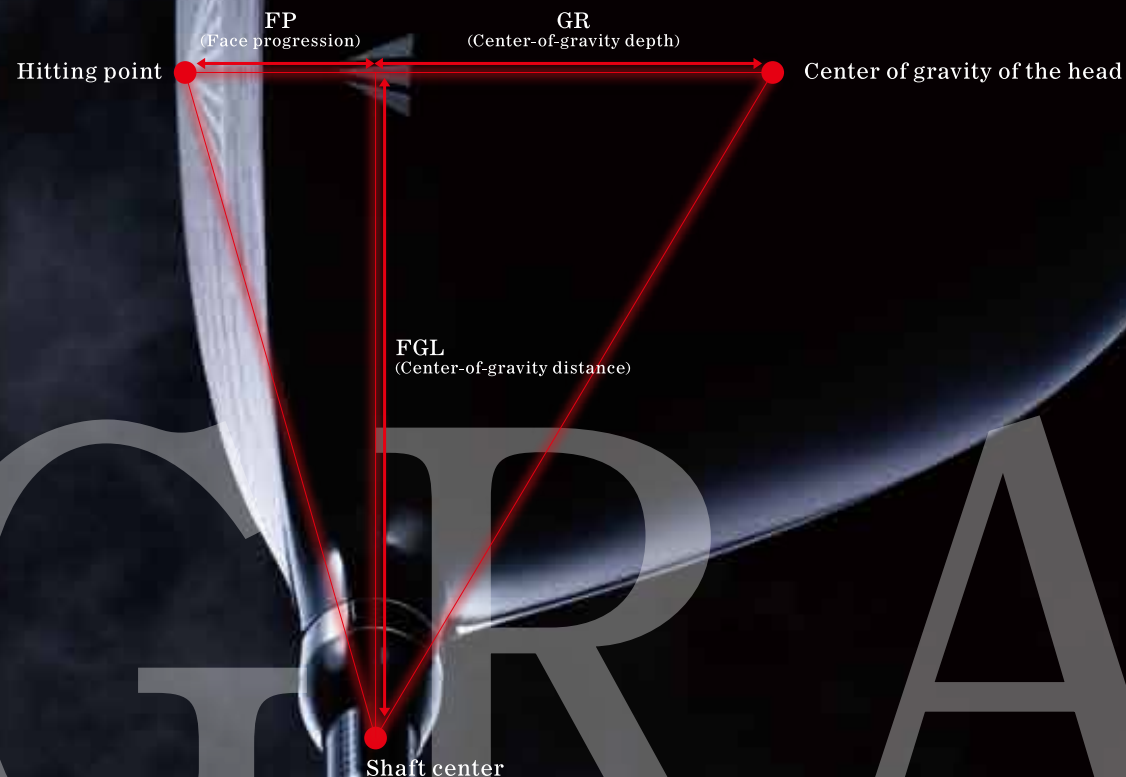
Reason 3 for distance

iD nabra center of gravity design

Consistent flight distance cannot be obtained without a design for a consistent center of gravity

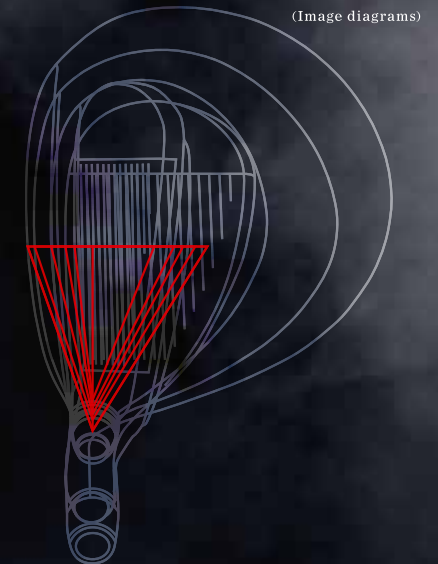
A uniform swing feeling will lead to gaining stable shot distances

FP (face progression) value that controls ball lifting and capture. FGL (center of gravity distance) value that influences face control and distance performance. GR (center of gravity depth) that has a decisive effect on ball lifting and spin volume. By balancing these three values uniformly in all clubs, from the driver, fairway wood, to utility and iron clubs, consistency in distance and swing feeling were created.

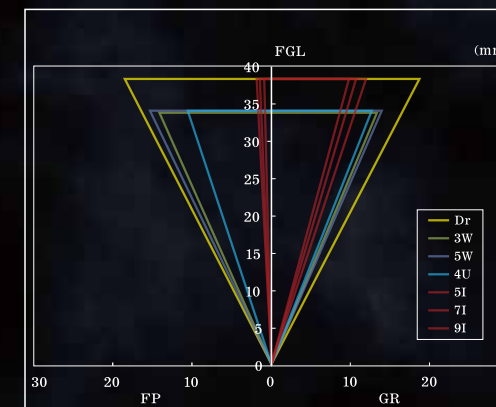


nabra center of gravity design for the total set of clubs

Unifying the balance of FP, FGLs, and GR for drivers, fairway woods, utilities and iron clubs, brings a uniform swing feeling. This means that the player can swing all clubs with the same feeling, preventing differences in performance, such as good with the driver but poor with irons, as often seen with conventional clubs designed using an inconsistent balance.

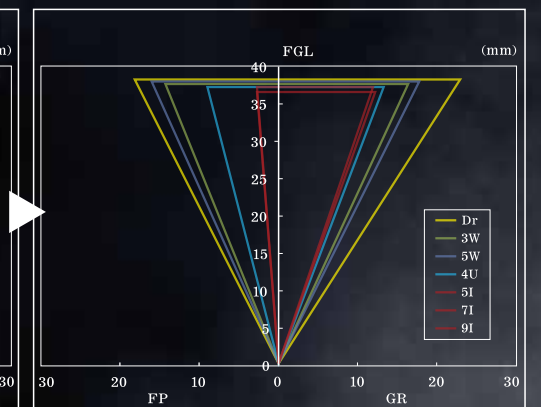


Conventional design



Conventional design	Dr	3W	5W	4U	5I	7I	9I
FP	19.0	15.0	14.5	11.0	1.0	1.5	2.0
FGL	38.0	34.5	33.5	34.0	38.0	38.0	38.0
GR	19.0	13.5	13.5	13.0	10.0	11.0	12.0

iD nabra center of gravity design



iD nabra X	Dr	3W	5W	4U	5I	7I	9I
FP	18.5	15.5	14.5	9.5	2.5	2.5	2.5
FGL	38.0	37.0	36.5	36.5	36.5	36.5	36.0
GR	23.0	17.5	16.0	14.0	12.0	12.0	12.5



n a b l a



**Always hitting long.
That's why you can be
confident and aggressive.**

iD nabla X

**For average to advanced players.
This is the ideal club for those who want to hit long.**



iD nabra X DRIVER

Use the inverted triangle for easy capture and powerful hitting,
To become a winner, play golf aggressively.

▽ nabra face design

A 460 cm³ head combined with the nabra face with an inverted triangle-shaped repulsion area result in a head with a shallow back shape and a deep center of gravity. The head causes a hitting sound pleasant to the ear with the prolonged resonance of a good shot.

(Image diagrams)



▽ nable shaft design

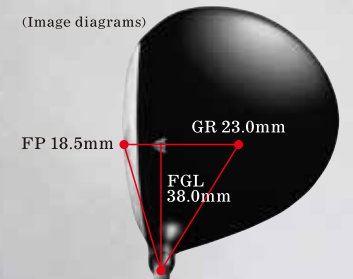
For bending like a whip, super-high modulus carbon fiber 78t Dialead™*—a material employed in space engineering—is used in the stem. A new material Toug-QURE™* is used in the whole body for both tenacity and repulsion.



▽ nabra Center of gravity Design

A short center of gravity means easier capture of the ball, while a deeper center of gravity ensures higher launch. Just swing the club as you feel and you will surely make a good shot.

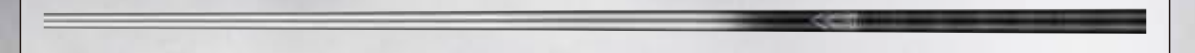
(Image diagrams)



iD nabra X DRIVER

	volume (cm ³)	460
	loft angle (°)	9.5 / 10.5 / 11.5
	length (inch)	45.5
	flex	M-43(S) / M-40(SR) / M-37(R)

○ Conforms to SLE rules



iD nabra X DRAW DRIVER

The face angle is set at +2°. This ensures easy capture of the ball. The shaft is designed to bend more at around the lower 300 mm, ensuring the head to turn more. Nobody can call you a “slicer” anymore.

iD nabra DRAW DRIVER

	volume (cm ³)	460
	loft angle (°)	10.5 / 11.5
	length (inch)	45.5
	flex	M-43(S) / M-40(SR) / M-37(R)

○ Conforms to SLE rules



©Please refer to page 27 for the details on individual specs and head materials, which are also available for made-to-order, manufacturing process and country of origin.

*Dialead™ is a registered trademark of Mitsubishi Plastics. Toug-QURE™ is a registered trademark of Mitsubishi Rayon

iD nabla X FAIRWAY WOOD

Stable but powerful trajectory
to ensure a great second shot.



iD nabla X UTILITY

Capture the ball as you would with irons, and
be aggressive enough to hit the ball hard!

Head Design

iD nabla X FAIRWAY WOOD

A tungsten weight is attached to the sole to create weight for a lower center of gravity. Shallow designed head ensures higher launch.

(Image diagrams)



Crown : Stainless (SUS630)
Body : Stainless (SUS630)
Tungsten alloy weight (Ni, W, Fe)

iD nabla X UTILITY

Maraging steel is used on the face to achieve higher initial velocity and a “hitting feel” of stronger repulsion. As with iron clubs, the smaller FP makes it easier for the player to securely address the ball.

(Image diagrams)

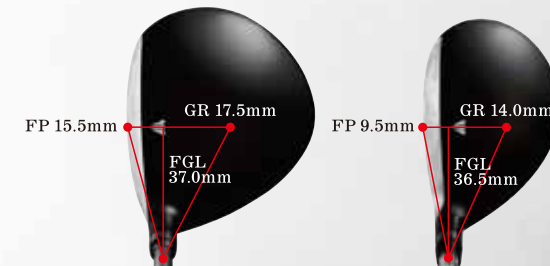


Body : Stainless (SUS630)
Face : Maraging steel (475 board)

nabla Center of gravity Design

iD nabla X FAIRWAY WOOD are designed with a deeper center of gravity and larger center of gravity angle to improve capture of the ball, while a longer center of gravity and lower center of gravity ensure higher launch, as well as long distances. A club design that integrates from the driver all the way through to iron clubs, the nabla center of gravity design follows the player's instincts and is certain to bring about a great swing.

(Image diagrams)



nabla Center of gravity
Design for 3W

nabla Center of gravity
Design for 4UT

iD nabla X FAIRWAY WOOD

	3W	4W	5W	7W
loft angle (°)	15	16.5	18	21
volume (cm ³)	176	163	150	146
length (inch)	42.5	42	41.5	41
flex	M-43(S) / M-40(SR) / M-37(R)			

iD nabla X UTILITY

	3UT	4UT	5UT
loft angle (°)	19	22	25
volume (cm ³)	111	107	102
length (inch)	40	39.5	39
flex	M-43(S) / M-40(SR) / M-37(R)		

○ Conforming to the new 2010 club face groove rules

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iD nablax X IRON

Easy long irons to achieve distance with a high trajectory.
Controllable short irons to aim dead for the pin.

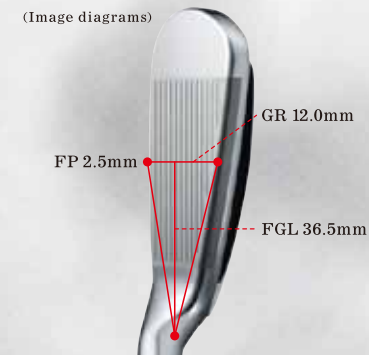
Head Design

Easy lifting of the ball with long irons, and comfortably hitting the target with short irons. High repulsion maraging face achieves reliable distances with all irons. Elongated face shape allows the player to “image” the club, gently capturing the ball, and ensuring a comfortable follow-through without the fear of slicing.



nablax Center of gravity Design

“FGL” has been shortened to dramatically improve controllability. The body is made of soft stainless steel, and with the center of gravity set deeper, so a high trajectory ball can be hit from any lie, with any of the irons. For long irons, the sole shape has been widened to achieve a stable trajectory height, while in middle and short irons, the sole shape is designed to gradually become thinner, allowing for controllability.



nablax Center of gravity Design for 5I

iD nablax X IRON

To be launched on the last of October, 2012

		#5	#7
	loft angle (°)	24	30
	length (inch)	[#5] Original Carbon : 38 / Spec Steel III : 37.75	
	Original Carbon	flex	M-43(S) / M-40(SR) / M-37(R)
	Spec Steel III		M-43(S) / M-40(SR)
<ul style="list-style-type: none"> ● Original Carbon ● Spec Steel III ○ Conforming to the new 2010 club face groove rules 			

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iD nabra WEDGE

Control the spin and aim dead for the pin,
without any hesitation.

Head Design

Alternate and repeated laser milling of the club face results in better ball stability. The body is forged of soft iron creating a hitting sensation that is pleasing to the player. The wide sole prevents scuffing, and the wide trailing edge allows for an easy swing-through to aim dead for the pin with an accurate trajectory visualized by the player. The heel has been shaved down to allow for easy address, even when addressing the ball open faced. It is an almighty wedge for all sorts of techniques.

(Image diagrams)




Loft Variations

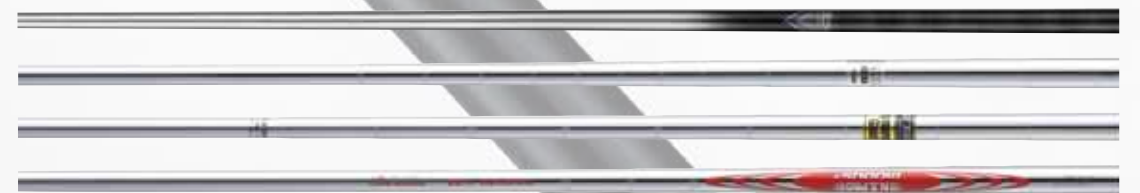
The key to a good wedge is having loft variations. The main job of a wedge is to accurately manage the distance and control the ball during the short game.

For iD nabra X irons with long distance, 50° and 56° are recommended, while for iD nabra BLACK FORGED irons with accurate distance and control, 52° and 58° are recommended.

iD nabra X WEDGE

	loft angle (°)		50	52	56	58
	bounce angle (°)		8	8	10	10
	FP(mm)		4.5	4.5	5	5
	Original Carbon	flex	FOR WEDGE			
Spec Steel III	FOR WEDGE					
Dynamic gold	S300					
MODUS ³	S					

- Original Carbon
- Spec Steel III
- Conforming to the new 2010 club face groove rules



©Please refer to page 28 for the details on individual specs and head materials, which are also available for made-to-order, manufacturing process and country of origin.



nabla



The ball is at your command.
That's why you can always
aim for the pin.

iD nabla BLACK

For players who are particular about their golf game.
This is the ultimate club for those who continue to be aggressive.

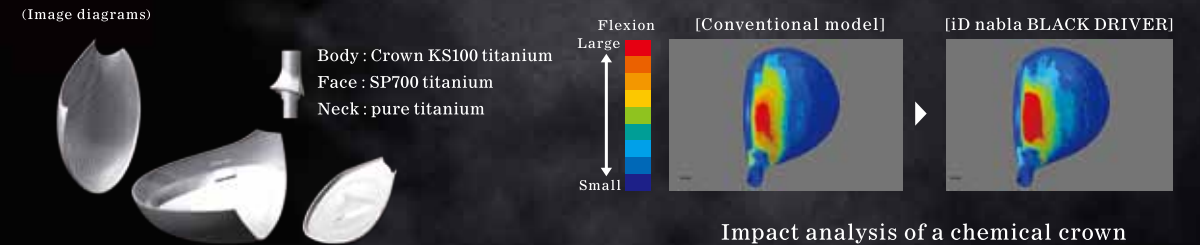


iD nabra BLACK DRIVER

If you are particular about golf, use the inverted triangle to hit the ball hard.
Here's a driver for an aggressive golfer to hit the ball right to the center of the fairway.

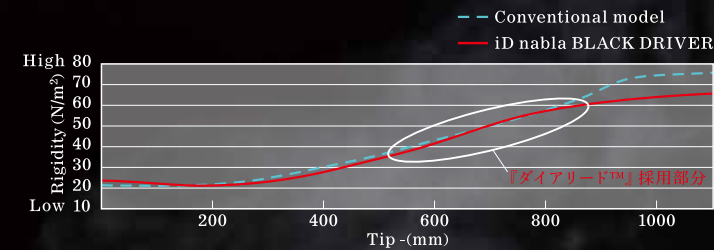
nabra Face Design

Powerful drives are made through a deep face using SP700 titanium. Compared with conventional models, a powerful impact from greater flexibility is delivered by a decreased number of ribs on the crown and lowering rigidity. The hitting sound is designed to control the high tones, bringing a solid impact sound to the player.



nabra Shaft Design

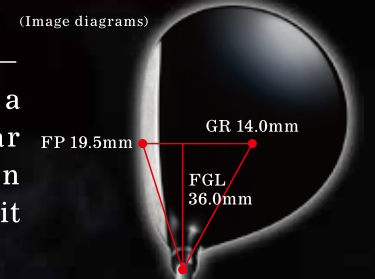
Super-high modulus carbon fiber 78t called "Dialead™" is used in the middle area of the shaft to prevent excess bending, and to create a controllable feeling. Rigidity at the tip has been fortified to create solid, square impacts.



iD nabra X driver shaft rigidity distribution pattern

nabra Center of Gravity Design

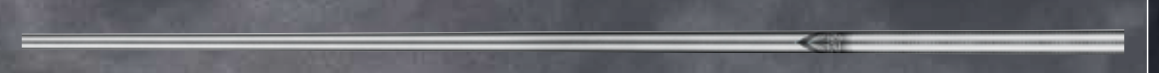
The center of gravity has been made shallow and low for a high-trajectory low-spinning ball for golfers particular about distance and ball spin. A head that does not turn excessively enables higher controllability to securely hit the ball to the center of the fairway.



iD nabra BLACK DRIVER

	volume (cm ³)	440
	loft angle (°)	9.5 / 10.5
	length (inch)	45
	flex	M-46 (SX) / M-43 (S) / M-40 (SR)

○ Conforms to SLE rules



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*Dialead™ is a registered trademark of Mitsubishi Plastics

iD nabla BLACK FAIRWAY WOOD

Ball trajectory that defies the wind,
Trust that overcomes tough situations.



iD nabla BLACK UTILITY

Hitting a powerful trajectory, no matter what.
Utility clubs made for an aggressive play.

Head Design

iD nabla BLACK FAIRWAY WOOD

Maraging face with a high repulsion, and carbon crown (CFRP) that promotes a low center of gravity. These two factors merge for a strong, low-spin trajectory that hits the target.

(Image diagrams)



Crown: CFRP
Body: Stainless (SUS630)
Face: Maraging steel (475 board)

iD nabla BLACK UTILITY

Maraging steel is used for the face, the same as the fairway woods. The deep face also prevents high balls, for a strong trajectory. The iron-like shape allows the player to visualize the line leading to the [pin] target.

(Image diagrams)

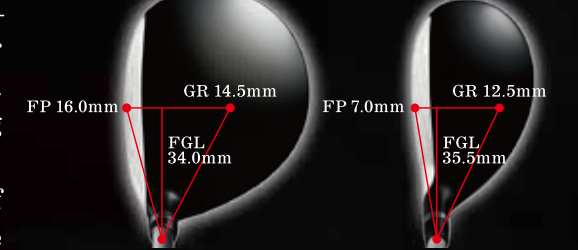


Body: Stainless (SUS630)
Face: Maraging steel (475 board)

nabla Center of gravity Design

Designed with a slightly longer center of gravity for golfers who do not want excessive capture of the ball. iD nabla BLACK series allows golfers to fully swing the club, without being afraid of hooking the ball. The fairway woods are designed with the center of gravity set slightly deeper for high launch. While the utility clubs are designed with the center of gravity set slightly shallower for a more powerful trajectory.

(Image diagrams)



nabla Center of gravity Design for 3W

nabla Center of gravity Design for 4UT

iD nabla BLACK fairway wood

	loft angle (°)	3W	5W	7W
	volume (cm ³)	162	152	147
	length (inch)	42.5	41.5	41
	flex	M-46(SX) / M-43(S) / M-40(SR)		

iD nabla BLACK UTILITY


	loft angle (°)	3UT	4UT
	volume (cm ³)	109	105
	length (inch)	[3UT] Original Carbon : 40 / Spec Steel III : 39.5	
	Original Carbon	M-46(SX) / M-43(S) / M-40(SR)	
	Spec Steel III	M-46(SX) / M-43(S) / M-40(SR)	
<ul style="list-style-type: none"> ● Original Carbon ● Spec Steel III 			

©Please refer to page 29 for the details on individual specs and head materials, which are also available for made-to-order, manufacturing process and country of origin.

Always hitting long
That's why you can be confident and aggressive.

iD nabra X


iD nabra X DRIVER / iD nabra X DRAW DRIVER

	head	Materials	Face: 6-4 titanium Body: 811 titanium						
		Manufacturing process	Face: Forged Body: Vacuum precision casting						
	straight model (F/A±0°)			draw model (F/A±2°)					
	#1			#1					
	volume (cm³)			460			460		
	loft angle (°)			9.5/10.5	9.5/10.5	10.5/11.5	10.5	10.5	10.5/11.5
	lie angle (°)			59			59		
	length (inch)			45.5			45.5		
	shaft model			Original carbon			Original carbon		
	flex			M-43(S)	M-40(SR)	M-37(R)	M-43(S)	M-40(SR)	M-37(R)
weight (g) / balance			303/D-1.5	298/D-1	296/D-0.5	303/D-1.5	298/D-1	296/D-0.5	
shaft weight (g)			53	48	46	53	48	46	
shaft torque (°)			4.5	5	5.1	4.5	5	5.1	
shaft kick point			M			M			

<Made in CHINA><Made in JAPAN>

○ Conforms to SLE rules ○ With original head cover (Made in CHINA)


iD nabra X FAIRWAY WOOD

	head	Materials	Crown/Body: Stainless (SUS630) Weight: Tungsten alloy weight (NI, W, Fe)												
		Manufacturing process	Crown: Rolled metal Body: Precision casting Weight: Tungsten alloy weight (NI, W, Fe)												
	3W			4W			5W			7W			9W		
	loft angle (°)			15	16.5	18	21	15	16.5	18	21	15	16.5	18	21
	lie angle (°)			59.5	59.5	60	60	59.5	59.5	60	60	59.5	59.5	60	60
	volume (cm³)			176	163	150	146	176	163	150	146	176	163	150	146
	length (inch)			42.5	42	41.5	41	42.5	42	41.5	41	42.5	42	41.5	41
	shaft model			Original carbon				Original carbon				Original carbon			
	flex			M-43(S)				M-40(SR)				M-37(R)			
	weight (g) / balance			325/D-1.5	329/D-1.5	334/D-1.5	338/D-1.5	319/D-1	323/D-1	328/D-1	332/D-1	316/D-0.5	320/D-0.5	325/D-0.5	329/D-0.5
shaft weight (g)			57	56	56	55	51	50	50	49	48	47	47	46	
shaft torque (°)			4.1				4.5				4.9				
shaft kick point			M				M				M				

<Made in CHINA><Made in JAPAN>

○ With original head cover (Made in CHINA)


iD nabra X UTILITY

	head	Materials	Face: Maraging steel (475 board) Body: Stainless (SUS630)									
		Manufacturing process	Face: Rolled metal Body: Precision casting									
	3UT			4UT			5UT			7UT		
	loft angle (°)			19	22	25	19	22	25	19	22	25
	lie angle (°)			60.5	60.5	61	60.5	60.5	61	60.5	60.5	61
	volume (cm³)			111	107	102	111	107	102	111	107	102
	length (inch)			40	39.5	39	40	39.5	39	40	39.5	39
	shaft model			Original carbon			Original carbon			Original carbon		
	flex			M-43(S)			M-40(SR)			M-37(R)		
	weight (g) / balance			349/D-1	353/D-1	356/D-1	343/D-0.5	347/D-0.5	350/D-0.5	339/D-0	343/D-0	346/D-0
shaft weight (g)			61	60	59	55	54	53	51	50	49	
shaft torque (°)			3.4			4			4			
shaft kick point			M			M			M			

<Made in CHINA><Made in JAPAN>

○ Conforming to the new 2010 club face groove rules ○ With original head cover (Made in CHINA)


iD nabra X IRON

	head	Materials	Face: Maraging steel (455 board) Body: Soft stainless (ST-22)									
		Manufacturing process	Face: Rolled metal Body: Precision casting									
	#5		#6		#7		#8		#9		PW	
	loft angle (°)		24	27	30	34	38	43				
	lie angle (°)		62	62.5	63	63.5	64	64.5				
	length (inch)		38	37.5	37	36.5	36	35.5				
	Original carbon	M-43 (S)	weight/balance	374/D-0.5	381/D-0.5	388/D-0.5	395/D-0.5	403/D-0.5	411/D-0.5			
			shaft weight (g)	61	62	62	64	64	64			
			shaft torque (°)	3	2.9	2.9	2.8	2.7	2.6			
		shaft kick point								M		
M-40 (SR)		weight/balance	371/D-0	377/D-0	384/D-0	392/D-0	398/D-0	407/D-0				
		shaft weight (g)	57	58	59	60	60	60				
	shaft torque (°)	3.3	3.1	3.1	3	2.9	2.8					
shaft kick point								M				
M-37 (R)	weight/balance	366/C-9.5	373/C-9.5	380/C-9.5	388/C-9.5	394/C-9.5	403/C-9.5					
	shaft weight (g)	53	54	55	56	56	56					
	shaft torque (°)	3.5	3.3	3.3	3.1	3	2.9					
shaft kick point								M				
length (inch)		37.75	37.25	36.75	36.25	35.75	35.25					
Spec Steel III	M-43 (S)	weight/balance	405/D-1	412/D-1	418/D-1	425/D-1	434/D-1	441/D-1				
		shaft weight (g)	93	94	95	96	96	96				
		shaft torque (°)	2.1	2	1.9	1.8	1.8	1.7				
	shaft kick point								H			
	M-40 (SR)	weight/balance	397/D-0.5	403/D-0.5	410/D-0.5	417/D-0.5	425/D-0.5	433/D-0.5				
		shaft weight (g)	85	85	86	86	87	87				
shaft torque (°)		2.4	2.3	2.2	2.1	2	1.9					
shaft kick point								H				

<Made in CHINA><Made in JAPAN>

○ Conforming to the new 2010 club face groove rules

iD nabra WEDGE

	head	Materials	Soft steel (S20C)					
		Manufacturing process	Forged					
	50		52		56		58	
	loft angle (°)		8	8	10	10		
	bounce (°)		4.5	4.5	5	5		
	FP(mm)		64.5	64.5	64.5	64.5		
	lie angle (°)		35		35		35	
	length (inch)		35		35		35	
	Spec Steel III FOR WEDGE	weight/balance	448/D-1	448/D-1	448/D-1	448/D-1		
		shaft weight (g)	96	96	96	96		
shaft torque (°)		1.6	1.6	1.6	1.6			
shaft kick point						H		
dynamic gold (S300)	weight/balance	470/D-3	470/D-3	470/D-3	470/D-3			
	shaft weight (g)	118	118	118	118			
	shaft torque (°)	1.4	1.4	1.4	1.4			
shaft kick point						H		
MODUS ³ (S)	weight/balance	455/D-3	455/D-3	455/D-3	455/D-3			
	shaft weight (g)	103	103	103	103			
	shaft torque (°)	1.6	1.6	1.6	1.6			
shaft kick point						MH		
length (inch)		35.25		35.25		35.25		
Original carbon	weight/balance	412/D-0.5	412/D-0.5	412/D-0.5	412/D-0.5			
	shaft weight (g)	60	60	60	60			
	shaft torque (°)	2.6	2.6	2.6	2.6			
	shaft kick point						M	

<Made in JAPAN>

○ Conforming to the new 2010 club face groove rules

iD nabra special head cover



Driver

Fairway wood

Utility


iD nabra special grip



The ball is at your command That's why you can always aim for the pin


iD nabra BLACK

iD nabra BLACK DRIVER

	head	materials	Face : SP700 titanium Crown / Body : KS100 titanium Neck : Pure titanium					
		Manufacturing process	Face / Crown/Body / Neck : Forged					
		# 1						
		volume (cm ³) 440						
		loft angle (°) 9.5/(10.5)		9.5/10.5		10.5		
		lie angle (°) 58						
		length (inch) 45						
		shaft model Original carbon						
		flex M-46(SX)		M-43(S)		M-40(SR)		
		weight (g) / balance 319/D-2.5		314/D-2		312/D-1.5		
	shaft weight (g) 68		62		60			
	shaft torque (°) 3.5		3.5		3.5			
	shaft kick point M							


<Made in JAPAN>
 ○ Conforms to SLE rules ○ With original head cover (Made in CHINA)
 ○ loft model in () : Made to order models indicated with.

iD nabra BLACK FAIRWAY WOOD

	head	materials	Face : Maraging steel (475 board) Body : Stainless (SUS630) Crown : CFRP								
		Manufacturing process	Face : Rolled metal Body : Precision casting Crown : Press working								
		3W	5W	7W	3W	5W	7W	3W	5W	7W	
		loft angle (°) 15 18 21			15 18 21			15 18 21			
		lie angle (°) 58.5 59 59			58.5 59 59			58.5 59 59			
		volume (cm ³) 162 152 147			162 152 147			162 152 147			
		length (inch) 42.5 41.5 41			42.5 41.5 41			42.5 41.5 41			
		shaft model Original carbon			Original carbon			Original carbon			
		flex M-46(SX)			M-43(S)			M-40(SR)			
		weight (g) / balance 335/D-2.5 344/D-2.5 348/D-2.5			332/D-2 341/D-2 345/D-2			329/D-1.5 338/D-1.5 342/D-1.5			
	shaft weight (g) 67 66 66			64 63 63			61 60 60				
	shaft torque (°) 3.5			3.6			3.6				
	shaft kick point M			M			M				


<Made in CHINA><Made in JAPAN>
 ○ With original head cover (Made in CHINA) ■ : Made to order models indicated with

iD nabra BLACK UTILITY

	head	materials	Face : Maraging steel (475 board) Body : Stainless (SUS630)											
		Manufacturing process	Face : Rolled metal Body : Precision casting											
		3UT	4UT	3UT	4UT	3UT	4UT	3UT	4UT	3UT	4UT	3UT	4UT	
		loft angle (°) 19 22		19 22		19 22		19 22		19 22		19 22		
		lie angle (°) 59.5		59.5		59.5		59.5		59.5		59.5		
		volume (cm ³) 109 105		109 105		109 105		109 105		109 105		109 105		
		length (inch) 40 39.5		40 39.5		40 39.5		39.5 39		39.5 39		39.5 39		
		shaft model Original carbon		Spec Steel III FOR WEDGE										
		flex M-46(SX)		M-43(S)		M-40(SX)		M-46(SX)		M-43(S)		M-40(SR)		
		weight (g) / balance 365/D-2 370/D-2		360/D-1.5 363/D-1.5		354/D-1 359/D-1		391/D-2 398/D-2		382/D-1.5 388/D-1.5		374/D-1 380/D-1		
	shaft weight (g) 76 75		71 70		65 64		102 103		93 94		85 85			
	shaft torque (°) 3.1 3.1		3.1 3.1		3.2 3.2		2 2		2.3 2.3		2.6 2.6			
	shaft kick point M		M											

<Made in CHINA><Made in JAPAN>
 ○ With original head cover (Made in CHINA)

iD nabra BLACK FORGED IRON

	head	materials	Face : Nickel-chrome-molybdenum steel (SAE8655M) Body : Soft iron (S20C) Material inserted : Vibration absorbing foam/#3-5 Face : Nickel-chrome-molybdenum steel (SAE8655M) Body : Soft iron (S20C) Material inserted : αGEL/#6-8 Body : Soft iron/#9-PW									
		Manufacturing process	Face : Rolled metal Body : Forged									
		#3	#4	#5	#6	#7	#8	#9	PW			
		loft angle (°) 20 22		24 27		30 34		39 44				
		lie angle (°) 60		60.5 61		61.5 62		62.5 63		63.5		
	length (inch) 38.75		38.25		37.75		37.25		36.75	36.25	35.75	35.25
Spec Steel III	M-46 (SX)	weight/balance	402/D-1.5	408/D-1.5	415/D-1.5	422/D-1.5	430/D-1.5	437/D-1.5	446/D-1.5	454/D-1.5		
		shaft weight (g)	102	103	103	103	104	105	105	106		
		shaft torque (°)	2	1.9	1.9	1.8	1.7	1.7	1.6	1.6		
		shaft kick point	M	M			H					
	M-43 (S)	weight/balance	392/D-1	399/D-1	405/D-1	413/D-1	421/D-1	428/D-1	436/D-1	444/D-1		
		shaft weight (g)	93	93	94	94	95	95	96	96		
		shaft torque (°)	2.3	2.2	2.1	2	1.9	1.8	1.8	1.7		
		shaft kick point	M	M			H					
	M-40 (SR)	weight/balance	384/D-0.5	390/D-0.5	396/D-0.5	404/D-0.5	411/D-0.5	419/D-0.5	428/D-0.5	435/D-0.5		
		shaft weight (g)	84	84	84	85	85	86	87	87		
		shaft torque (°)	2.6	2.5	2.4	2.3	2.2	2.1	2	1.9		
		shaft kick point	M	M			H					
	length (inch) 38.5		38		37.5		37		36.5	36	35.5	35
dynamic gold	S200	weight/balance	415/D-2	422/D-2	429/D-2	435/D-2	442/D-2	448/D-2	456/D-2	465/D-2		
		shaft weight (g)	119	119	119	119	118	118	117	117		
		shaft torque (°)	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4		
		shaft kick point	H	H								
MODUS ³	S	weight/balance	402/D-2	409/D-2	415/D-2	421/D-2	429/D-2	436/D-2	445/D-2	452/D-2		
		shaft weight (g)	105	104	104	104	104	104	104	104		
		shaft torque (°)	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6		
		shaft kick point	MH	MH								

<Made in JAPAN>
 ○ Conforming to the new 2010 club face groove rules
 ■ : Made to limited models indicated with
 ■ : Made to order models indicated with

iD nabra special head cover



iD nabra special grip



<The rule on SLE>

The R&A (JGA) rule concerning the spring-like effect (SLE) of a golf club head was amended beginning January 1st, 2008. When purchasing golf clubs, please be aware that clubs with indications such as “Conforming to SLE rule until end 2007” or “Conforming to R&A SLE rule until 31-12-07” are non-conforming to the rules after 2008.

Please note that all drivers shown in this catalog are included in the list of R&A conforming driver heads.

<The new 2010 club face groove rules>

A new rule concerning grooves came into effect on January 1st, 2010. Please ask us for details concerning the rule and conformity of each model.

For general golfers, all clubs conforming to the rules as of December 31st, 2009 can be used as conforming clubs until at least 2024. Only elite-level competitions, such as a professional tour, will be required to set the use of clubs conforming to the new groove rule as a part of the conditions of competition.

Please note that all products shown in this catalog conforming to the new groove rule are indicated by “Conforming to the new 2010 club face groove rules.”

<Points to be noted when using clubs>

Please note that the following actions may break the shaft:-

- 1.Excessive scuffling, hitting on the extreme end of the heel or neck of the club.
- 2.Hitting hard on one's shoulder or back in a follow-through of the golf swing.
- 3.Using clubs as canes. 4.Extreme bending or twisting of shafts.
- 5.Impairment of the shaft surface. *Please refer to the Owner's Manual for details

Please note that the following may damage the club head:

- 1.Sand, dirt, agrochemicals remaining on the club surface after inadequate cleaning (to prevent rusting).
- 2.Putting into storage without completely drying (to prevent rusting).
- 3.Hitting balls lying on sharp-edged sand or gravel (to prevent damaging the club surface).

*Please refer to the Owner's Manual for details.

<Points to be noted when using iD nabla X DRIVER, iD nabla X DRAW DRIVER, iD nabla Black DRIVER>

These products have a special neck structure, which means that special care is needed when re-shafting.

<Points to be noted when using items made with CFRP materials>

Handling instructions are generally the same as for conventional clubs, but since CFRP is used in the crown of the club, please take note of these points:-

Applicable model: iD nabla BLACK FAIRWAY WOOD

- 1.Avoid leaving the club in extreme low or high temperatures, or in a highly humid environment.
- 2.Avoid leaving the club in the trunk of a car for an extended period.
- 3.Do not use any sharp items on the surface of the CFRP part of the crown, as this may cause it to break.
- 4.Do not make any modifications to the club. Excessive pressure on the head (e.g., using a vise) or excessive heating of the head (e.g., using a gas burner) may break the club.
- 5.Always protect the club with a head cover when storing it.
- 6.Do not soak the head in water, hot or cold, when cleaning it. A damp cloth should be used for cleaning.
- 7.Fine lines may appear on the coated part of the face during use, but these lines will have no effect on the performance of the club.

*As with our conventional clubs, we will be able to do maintenance for a fee. Please consult the store where you bought the clubs when requesting maintenance.

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Please purchase PRGR products at an authorized dealer, and make sure to keep

