

SPRING / SUMMER 2017

PING® CUSTOM OPTIONS



PING PRO LOUIS OOSTHUIZEN

AFTER-MARKET SHAFTS & GRIPS

PING's custom-options program allows golfers to choose from many combinations of shafts and grips from the world's leading manufacturers to identify those that fit their game to produce the best results and lower scores. Products are among the most popular in the industry and are relied on by the game's best players on professional tours worldwide.



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CUSTOM AFTER-MARKET SHAFTS

Below are a few examples of shafts that are available from PING's inventory. **Standard lead times for metal woods and irons apply.**

GRAPHITE DESIGN TOUR AD TP



GRAFALLOY / PROJECT X HZR DUS



OBAN DEVOTION HB



ALDILA ROGUE MAX



MITSUBISHI KURO KAGE SILVER DUAL CORE TiNi



UST RECOIL



MATRIX MFS 70MS



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EXOTIC AFTER-MARKET SHAFTS

Below are examples of shafts that must be special-ordered from the manufacturer. **Lead times will vary and may range from 2 to 4 weeks.**

GRAPHITE DESIGN TOUR AD MJ



TRUE TEMPER DYNAMIC GOLD X100 TOUR ISSUE BLACK ONYX



METAL WOODS SHAFT COMPARISON

| TRAJECTORY | LIGHT WEIGHT (<62g) | MID WEIGHT (62-70g) | HEAVY WEIGHT (>70g) |
|------------|--|---|---------------------|
| HIGH | ALDILA NV MAGNUM 44 | \$ | |
| | MITSUBISHI DIAMANA RED M+ LIMITED 50 | \$\$\$ | |
| | UST RECOIL ES 440 | \$\$\$ | |
| MID-HIGH | | PING ALTA 55 | |
| | | MITSUBISHI DIAMANA BLUE S+ 60 | \$\$\$ |
| | | ALDILA NV 2KXV ORANGE 65 | \$\$ |
| | | GRAPHITE DESIGN TOUR AD MJ-6 | \$\$\$\$ |
| | | ALDILA TOUR BLUE 65 | \$\$ |
| | | UST PROFORCE VTS SILVER 6 | \$ |
| | | MITSUBISHI KUROKAGE SILVER DUAL CORE TINI 6 | \$\$\$ |
| | | MITSUBISHI DIAMANA WHITE D+ 60 | \$\$ |
| | | MITSUBISHI DIAMANA B SERIES 60 | \$\$\$\$ |
| | | MITSUBISHI TENSEI CK-SERIES 60 | \$\$ |
| MID | | GRAPHITE DESIGN TOUR AD MT-6 | \$\$\$\$ |
| | | GRAPHITE DESIGN TOUR AD DI-6 /BLACK | \$\$\$\$ |
| | | GRAPHITE DESIGN TOUR AD GP-6 | \$\$\$\$ |
| | | UST ELEMENTS CHROME+ 65 | \$\$\$ |
| | | OBAN DEVOTION HB | \$\$ |
| | | MITSUBISHI DIAMANA BLUE S+ 70 | \$\$\$\$ |
| | | MITSUBISHI DIAMANA B SERIES 70 | \$\$\$\$ |
| | | MITSUBISHI TENSEI CK-SERIES 70 | \$\$ |
| | | UST PROFORCE VTS SILVER 7 | \$ |
| | | ALDILA TOUR GREEN 75 | \$\$ |
| LOW-MID | ALDILA NV 2KXV BLUE 60 | \$\$ | |
| | | PING TOUR 65 | |
| | | ALDILA TOUR GREEN 65 | \$\$ |
| | | OBAN KIYOSHI PURPLE 65 | \$\$\$\$ |
| | | OBAN KIYOSHI HB 65 | \$\$\$\$ |
| | | ALDILA ROGUE SILVER 60 | \$\$ |
| | | ALDILA NV 2KXV GREEN 65 | \$\$ |
| | | OBAN DEVOTION 6 | \$\$ |
| | | FUJIKURA SPEEDER EVOLUTION III 661 | \$\$\$\$ |
| | | ALDILA ROGUE BLACK 60 | \$\$ |
| | GRAPHITE DESIGN TOUR AD BB-6 | \$\$\$\$ | |
| | MATRIX MFS 60X5 WHITE TIE | \$ | |
| | ALDILA ROGUE MAX 65 LOW | \$\$ | |
| LOW | | MATRIX SPEED RULZ TYPE-C 60 | \$\$ |
| | | PROJECT X HZRDUS BLACK 65 | \$\$\$ |
| | | GRAPHITE DESIGN TOUR AD TP-6 | \$\$\$\$ |
| | | PING TOUR 80 | \$ |
| | | ALDILA ROGUE BLACK 70 | \$\$ |
| | | ALDILA ROGUE MAX 75 LOW | \$\$ |
| | | UST ELEMENTS CHROME+ 75 | \$\$\$ |
| | | GRAPHITE DESIGN TOUR AD DI-7 | \$\$\$\$ |
| | | GRAPHITE DESIGN TOUR AD BB-7 | \$\$\$\$ |
| | | ALDILA NV 2KXV GREEN 75 | \$\$ |
| | MITSUBISHI DIAMANA WHITE D+ LIMITED 70 | \$\$\$ | |
| | FUJIKURA SPEEDER EVOLUTION III 757 | \$\$\$ | |
| | ALDILA ROGUE SILVER 70 | \$\$ | |
| | PROJECT X HZRDUS BLACK 75 | \$\$\$ | |
| | GRAPHITE DESIGN TOUR AD TP-7 | \$\$\$\$ | |
| | MATRIX MFS 70M5 BLACK TIE | \$ | |

* Table weights based on the S-flex of the shaft family, trajectory groupings will remain the same when comparing identical flexes.

* Trajectory's are based on internal testing of each shaft at PING allowing shafts from all manufacturers to be compared relative to each other.

* Trajectory descriptors are relative to the weight category in which the shaft sits. E.g. a mid-high light weight shaft will have a different trajectory to a mid-high heavy shaft, but two mid-high trajectory heavy weight shafts will launch similar

* The \$ rating shows the relative amount of an upcharge expected for each given shaft within the respective categories. Range \$=Moderate to \$\$\$\$=Super Premium upcharge

IRON SHAFT COMPARISON

| TRAJECTORY | LIGHT WEIGHT (<100g) | MID WEIGHT (100-115g) | HEAVY WEIGHT (>115g) |
|------------|---------------------------|--------------------------------|-------------------------------------|
| HIGH | CFS GRAPHITE | TRUE TEMPER XP 105 | |
| | TRUE TEMPER XP 95 | | |
| | UST RECOIL 65 | | |
| MID-HIGH | | KBS TOUR 90 | NIPPON NS PRO MODUS 3 TOUR 130 |
| | | KBS C-TAPER LITE | |
| MID | NIPPON NS PRO 850 | AWT 2.0 | KBS TOUR |
| | NIPPON NS PRO 950 | KBS TOUR-V | TRUE TEMPER XP 115 |
| | AERO TECH STEEL FIBER i95 | TRUE TEMPER PROJECT X PXI | TRUE TEMPER DYNAMIC GOLD PRO |
| LOW-MID | | UST RECOIL 110 | KBS \$-TAPER |
| | | NIPPON NS PRO MODUS 3 TOUR 105 | |
| LOW | | AERO TECH STEEL FIBER i110 | |
| | | | TRUE TEMPER DYNAMIC GOLD |
| | | | TRUE TEMPER DYNAMIC GOLD TOUR ISSUE |
| | | | TRUE TEMPER DYNAMIC GOLD X7 |
| | | | TRUE TEMPER RIFLE PROJECT X |
| | | KBS C-TAPER | |

* Table weights based on the S-flex of the shaft family, trajectory groupings will remain the same when comparing identical flexes.

* Shaft trajectory categories are determined based on manufacturer information.

* The \$ rating shows the relative amount of an upcharge expected for each given shaft within the respective categories. Range \$=Moderate to \$\$\$\$=Super Premium upcharge

ALDILA • METAL WOOD CUSTOM SHAFT SPECIFICATIONS

www.aldila.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|--------------------------|------|-----------|------------|--------|--------|------------|--------------|
| NV 44 MAGNUM | R | 0.335 | 0.615 | 5.8 | 44 | 46 | Mid |
| | S | 0.335 | 0.615 | 4.6 | 45 | 46 | Mid |
| ROGUE SILVER 60 | R | 0.335 | 0.635 | 3.8 | 67 | 46 | Low-Mid |
| | S | 0.335 | 0.637 | 3.4 | 69 | 46 | Low-Mid |
| | X | 0.335 | 0.639 | 3.1 | 72 | 46 | Low-Mid |
| ROGUE SILVER 70 | R | 0.335 | 0.640 | 3.5 | 75 | 46 | Low-Mid |
| | S | 0.335 | 0.645 | 3.1 | 78 | 46 | Low-Mid |
| | X | 0.335 | 0.647 | 2.8 | 78 | 46 | Low-Mid |
| ROGUE BLACK 60 | R | 0.335 | 0.640 | 4.0 | 66 | 46 | Mid-High |
| | S | 0.335 | 0.642 | 3.6 | 68 | 46 | Mid-High |
| | X | 0.335 | 0.645 | 3.3 | 70 | 46 | Mid-High |
| ROGUE BLACK 70 | R | 0.335 | 0.640 | 3.7 | 71 | 46 | Mid-High |
| | S | 0.335 | 0.635 | 3.3 | 75 | 46 | Mid-High |
| | X | 0.335 | 0.645 | 3.0 | 75 | 46 | Mid-High |
| ROGUE MAX 65 LOW | S | 0.335 | 0.607 | 3.7 | 68 | 46 | Mid-Low |
| | X | 0.335 | 0.614 | 3.3 | 70 | 46 | Mid-Low |
| ROGUE MAX 75 LOW | S | 0.335 | 0.610 | 3.6 | 75 | 46 | Mid-Low |
| | X | 0.335 | 0.616 | 3.2 | 78 | 46 | Mid-Low |
| TOUR BLUE 65 | S | 0.335 | 0.642 | 3.5 | 69 | 46 | Mid-High |
| TOUR BLUE 75 | S | 0.335 | 0.640 | 3.5 | 76 | 46 | Mid |
| TOUR GREEN 65 | S | 0.335 | 0.635 | 3.9 | 67 | 46 | Mid-Low |
| TOUR GREEN 75 | S | 0.335 | 0.632 | 3.7 | 74 | 46 | Mid-Low |
| NV 2KXV BLUE 60 | R | 0.335 | 0.641 | 5.0 | 60 | 46 | Mid |
| | S | 0.335 | 0.641 | 4.6 | 60 | 46 | Mid |
| NV 2KXV GREEN 65 | S | 0.335 | 0.645 | 4.5 | 65 | 46 | Mid-Low |
| | X | 0.335 | 0.645 | 3.9 | 65 | 46 | Mid-Low |
| NV 2KXV ORANGE 65 | S | 0.335 | 0.645 | 5.2 | 65 | 46 | Mid-High |
| NV 2KXV GREEN 75 | S | 0.335 | 0.640 | 4.0 | 72 | 46 | Low-Mid |
| | X | 0.335 | 0.645 | 3.5 | 74 | 46 | Low-Mid |
| NV 2KXV ORANGE 75 | S | 0.335 | 0.640 | 4.6 | 71 | 46 | Mid-High |

FUJIKURA • METAL WOOD CUSTOM SHAFT SPECIFICATIONS

www.fujikuragolf.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|----------------------------------|------|-----------|------------|--------|--------|------------|--------------|
| ATMOS TS BLUE 6 | S | 0.355 | 0.610 | 3.5 | 64 | 46 | Mid |
| | X | 0.355 | 0.610 | 3.5 | 65 | 46 | Mid |
| ATMOS TS BLUE 7 | S | 0.355 | 0.615 | 3.1 | 74 | 46 | Mid |
| ATMOS TS BLACK 7 | X | 0.355 | 0.615 | 3.0 | 76 | 46 | Low |
| SPEEDER EVOLUTION III 661 | S | 0.355 | 0.605 | 3.2 | 66.5 | 47 | Mid |
| | X | 0.355 | 0.605 | 3.2 | 68 | 47 | Mid |
| SPEEDER EVOLUTION III 757 | S | 0.355 | 0.605 | 2.6 | 75.5 | 47 | Mid |
| | X | 0.355 | 0.605 | 2.6 | 77 | 47 | Mid |

GRAFALLOY/PROJECT X • METAL WOOD CUSTOM SHAFT SPECIFICATIONS

www.grafalloy.com
www.projectxshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|---------------------------|------|-----------|------------|--------|--------|------------|--------------|
| HZRDUS - BLACK 65 | 6.0 | 0.335 | 0.600 | 3.2 | 62 | 0.600 | Low |
| | 6.5 | 0.335 | 0.600 | 3.2 | 62 | 0.600 | Low |
| HZRDUS - YELLOW 65 | 6.0 | 0.335 | 0.615 | 3.2 | 62 | 0.615 | Low |
| HZRDUS - BLACK 75 | 6.0 | 0.335 | 0.600 | 2.9 | 75 | 0.600 | Low |
| | 6.5 | 0.335 | 0.600 | 2.9 | 75 | 0.600 | Low |
| HZRDUS - YELLOW 75 | 6.0 | 0.335 | 0.610 | 2.9 | 75 | 0.610 | Low |

GRAPHITE DESIGN • METAL WOOD CUSTOM SHAFT SPECIFICATIONS

www.proschoicegolfshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|---------------------------|------|-----------|------------|--------|--------|------------|--------------|
| TOUR AD BB-6 | S | 0.335 | 0.598 | 3.2 | 65 | 46 | Low-Mid |
| | X | 0.335 | 0.600 | 3.2 | 67 | 46 | Low-Mid |
| TOUR AD BB-7 | S | 0.335 | 0.598 | 3.0 | 75 | 46 | Low-Mid |
| | X | 0.335 | 0.600 | 3.0 | 76 | 46 | Low-Mid |
| TOUR AD DI-6 | S | 0.335 | 0.600 | 3.3 | 65 | 46 | Mid |
| | X | 0.335 | 0.602 | 3.3 | 67 | 46 | Mid |
| TOUR AD DI-7 | S | 0.335 | 0.600 | 3.2 | 74 | 46 | Mid |
| | X | 0.335 | 0.602 | 3.1 | 75 | 46 | Mid |
| TOUR AD DI BLACK 6 | S | 0.335 | 0.600 | 3.3 | 65 | 46 | Mid |
| | X | 0.335 | 0.602 | 3.3 | 67 | 46 | Mid |
| TOUR AD MT-6 | S | 0.335 | 0.598 | 3.3 | 63 | 46 | Mid |
| | X | 0.335 | 0.600 | 3.3 | 66 | 46 | Mid |
| TOUR AD MJ-6 | S | 0.335 | 0.598 | 3.4 | 63 | 46 | Mid |
| | X | 0.335 | 0.602 | 3.4 | 64 | 46 | Mid |
| TOUR AD GP-6 | S | 0.335 | 0.602 | 3.1 | 66 | 46 | Mid |
| | X | 0.335 | 0.602 | 3.1 | 67.5 | 46 | Mid |
| TOUR AD GP-7 | S | 0.335 | 0.602 | 2.9 | 75 | 46 | Mid |
| | X | 0.335 | 0.604 | 2.9 | 76.5 | 46 | Mid |
| TOUR AD TP-6 | S | 0.335 | 0.598 | 3.2 | 65 | 46 | Mid |
| | X | 0.335 | 0.600 | 3.2 | 66.5 | 46 | Mid |
| TOUR AD TP-7 | S | 0.335 | 0.600 | 3.0 | 73 | 46 | Mid |
| | X | 0.335 | 0.602 | 3.0 | 74.5 | 46 | Mid |

MATRIX • METAL WOOD CUSTOM SHAFT SPECIFICATIONS

www.matrixshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|--------------------------------|------|-----------|------------|--------|--------|------------|--------------|
| SPEED RULZ -TYPE C - 60 | S | 0.335 | 0.620 | 3.4 | 66 | 46 | Low-Mid |
| MFS 60X5 WHT TIE | S | 0.335 | 0.600 | 4.1 | 65 | 46 | High |
| MFS 70M5 BLK TIE | X | 0.335 | 0.605 | 2.6 | 78 | 46 | Low |

MITSUBISHI • METAL WOOD CUSTOM SHAFT SPECIFICATIONS

www.mitsubishirayongolf.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|--|------|-----------|------------|--------|--------|------------|--------------|
| TENSEI CK-SERIES 60 BLUE | S | 0.335 | 0.614 | 4.5 | 67 | 46 | Mid |
| | X | 0.335 | 0.618 | 4.4 | 70 | 46 | Mid |
| TENSEI CK-SERIES 70 BLUE | S | 0.335 | 0.642 | 4.2 | 76 | 46 | Mid |
| | X | 0.335 | 0.642 | 3.9 | 78 | 46 | Mid |
| DIAMANA™ BF-SERIES 60 | S | 0.335 | 0.634 | 3.9 | 66 | 46 | Mid |
| | X | 0.335 | 0.643 | 3.8 | 72 | 46 | Mid |
| DIAMANA BLUE S+ PLUS LIMITED 60 | S | 0.335 | 0.608 | 4.2 | 64 | 46 | Mid |
| DIAMANA RED M + PLUS LIMITED 50 | R | 0.335 | 0.614 | 5.8 | 48 | 46 | High |
| DIAMANA WHITE D+ PLUS LIMITED 70 | S | 0.335 | 0.602 | 3.2 | 70 | 46 | Low |
| | X | 0.335 | 0.608 | 2.7 | 76 | 46 | Low |
| KURO KAGE™ SILVER DUAL CORE TiNi 60 | S | 0.335 | 0.616 | 4.4 | 66 | 46 | Mid |
| KURO KAGE™ SILVER DUAL CORE TiNi 70 | S | 0.335 | 0.621 | 4.2 | 76 | 46 | Mid |

OBAN • METAL WOOD CUSTOM SHAFT SPECIFICATIONS

www.obanshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|----------------------------|------|-----------|------------|--------|--------|------------|--------------|
| DEVOTION 6 | S | 0.335 | 0.600 | 3.6 | 65 | 46 | Low-Mid |
| DEVOTION HB 65 | S | 0.335 | 0.600 | 3.6 | 66 | 46 | Mid |
| KIYOSHI (PURPLE) 65 | S | 0.335 | 0.600 | 3.5 | 69 | 46 | High |
| | X | 0.335 | 0.600 | 3.5 | 70 | 46 | High |
| KIYOSHI HB 65 | S | 0.335 | 0.600 | 3.5 | 68 | 46 | Mid-High |

UST MAMIYA • METAL WOOD CUSTOM SHAFT SPECIFICATIONS

www.ustmamiya.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|------------------------------|--------|-----------|------------|--------|--------|------------|--------------|
| PROFORCE VTS SILVER 6 | S | 0.335 | 0.615 | 4.0 | 66 | 46 | Mid |
| PROFORCE VTS SILVER 7 | S | 0.335 | 0.610 | 3.5 | 73 | 46 | Mid |
| | X | 0.335 | 0.615 | 3.5 | 74 | 46 | Mid |
| ELEMENTS CHROME+ 65 | F4 (S) | 0.335 | 0.610 | 5.0 | 70 | 46 | Mid-High |
| | F5 (X) | 0.335 | 0.610 | 3.6 | 70 | 46 | Mid-High |
| RECOIL ES 440 | F3 (R) | 0.335 | 0.600 | 6.3 | 47 | 46 | High |
| RECOIL ES 450 | F3 (R) | 0.335 | 0.600 | 5.7 | 56 | 46 | Mid-High |
| RECOIL ES 450 | F4 (S) | 0.335 | 0.600 | 5.7 | 57 | 46 | Mid-High |

ALDILA • HYBRID CUSTOM SHAFT SPECIFICATIONS

www.aldila.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|----------------------------|------|-----------|------------|--------|--------|------------|--------------|
| RIP ALPHA HYBRID 85 | S | 0.355 | 0.610 | 2.0 | 90 | 42 | Mid |
| | X | 0.355 | 0.615 | 1.8 | 89 | 42 | Mid |
| NV 2KXV GREEN | S | 0.355 | 0.640 | 2.6 | 86 | 42 | Low-Mid |
| | X | 0.355 | 0.645 | 2.2 | 87 | 42 | Low-Mid |
| NV 2KXV ORANGE | S | 0.355 | 0.640 | 3.2 | 87 | 42 | Mid-High |
| | X | 0.355 | 0.645 | 3 | 87 | 42 | Mid-High |

GRAFALLOY/PROJECT X • HYBRID CUSTOM SHAFT SPECIFICATIONS

www.grafalloy.com
www.projectxshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|-------------------------------|------|-----------|------------|--------|--------|------------|--------------|
| PROJECT X BLACK HYBRID | 5.5 | 0.355 | 0.590 | 3.5 | 78 | 42 | Mid |
| | 6.0 | 0.355 | 0.595 | 3.4 | 80 | 42 | Low-Mid |
| | 6.5 | 0.355 | 0.595 | 3.3 | 83 | 42 | Low-Mid |

MATRIX • HYBRID CUSTOM SHAFT SPECIFICATIONS

www.matrixshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|-------------------|-------|-----------|-------------|---------|--------|------------|--------------|
| ALTUS TOUR | R,S,X | 0.355 | 0.605-0.610 | 3.4-3.1 | 85-91 | 42 | MID |

AERO TECH • IRON CUSTOM SHAFT SPECIFICATIONS

www.aerotechgolfs shafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|-------------------------|------|-----------|------------|--------|--------|------------|--------------|
| STEEL FIBER i80 | R | 0.355 | 0.600 | 2.9 | 85 | - | Mid |
| STEEL FIBER i95 | R | 0.355 | 0.600 | 2.3 | 95 | - | Mid |
| | S | 0.355 | 0.600 | 2.2 | 95 | - | Mid |
| | X | 0.355 | 0.600 | 2.2 | 95 | - | Mid-High |
| STEEL FIBER i110 | S | 0.355 | 0.600 | 1.9 | 110 | - | Mid |
| | X | 0.355 | 0.600 | 1.7 | 110 | - | Mid-High |

FST • IRON CUSTOM SHAFT SPECIFICATIONS

www.kbsgolfs shafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|-------------------------|------|-----------|------------|--------|--------|------------|--------------|
| KBS TOUR | R | 0.355 | 0.600 | 1.8 | 110 | - | Mid |
| | S | 0.355 | 0.600 | 1.6 | 120 | - | Mid |
| | S+ | 0.355 | 0.600 | 1.9 | 125 | - | Mid |
| | X | 0.355 | 0.600 | 1.5 | 130 | - | Mid |
| KBS TOUR 90 | R | 0.355 | 0.600 | 2.2 | 95 | - | Mid-High |
| | S | 0.355 | 0.600 | 2.2 | 100 | - | Mid-High |
| KBS TOUR 105 | R | 0.355 | 0.600 | 2.0 | 105 | - | Mid |
| | S | 0.355 | 0.600 | 1.9 | 110 | - | Mid |
| | X | 0.355 | 0.600 | 1.8 | 115 | - | Mid |
| KBS TOUR-V | R | 0.355 | 0.600 | 2.1 | 100 | - | Mid |
| | S | 0.355 | 0.600 | 2.0 | 110 | - | Mid |
| | X | 0.355 | 0.600 | 1.9 | 120 | - | Mid |
| KBS C-TAPER | S | 0.355 | 0.600 | 2.0 | 120 | - | Low |
| | S+ | 0.355 | 0.600 | 1.9 | 125 | - | Low |
| | X | 0.355 | 0.600 | 1.9 | 130 | - | Low |
| KBS C-TAPER LITE | R | 0.355 | 0.600 | 2.2 | 105 | - | Mid-High |
| | S | 0.355 | 0.600 | 2.1 | 110 | - | Mid-High |
| KBS \$-TAPER | S | 0.355 | 0.600 | 1.90 | 120 | - | Mid |
| | S+ | 0.355 | 0.600 | 1.85 | 125 | - | Mid |
| | X | 0.355 | 0.600 | 1.80 | 130 | - | Mid |

NIPPON • IRON CUSTOM SHAFT SPECIFICATIONS

www.nipponshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|--|------|-----------|------------|--------|--------|------------|--------------|
| NS PRO 850 | R | 0.355 | 0.600 | 2.1 | 87 | - | Mid |
| | S | 0.355 | 0.600 | 1.7 | 91 | - | Mid |
| NS PRO 950 | R | 0.355 | 0.600 | 2.0 | 94 | - | Mid |
| | S | 0.355 | 0.600 | 1.9 | 98 | - | Mid |
| NS PRO MODUS³ TOUR 105 | R | 0.355 | 0.600 | 1.9 | 103 | - | Mid-High |
| | S | 0.355 | 0.600 | 1.7 | 107 | - | Mid-High |
| | X | 0.355 | 0.600 | 1.5 | 112 | - | High |
| NS PRO MODUS³ TOUR 130 | S | 0.355 | 0.600 | - | 124 | - | Mid-High |
| | X | 0.355 | 0.600 | - | 129 | - | Mid-High |

TRUE TEMPER • IRON CUSTOM SHAFT SPECIFICATIONS

www.trueemper.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|--------------------------------|------|-----------|------------|--------|--------|------------|--------------|
| DYNAMIC GOLD | R300 | 0.355 | 0.580 | 1.8 | 127 | - | Low |
| | S200 | 0.355 | 0.600 | 1.6 | 129 | - | Low |
| | S300 | 0.355 | 0.600 | 1.6 | 130 | - | Low |
| | S400 | 0.355 | 0.600 | 1.6 | 132 | - | Low |
| | X100 | 0.355 | 0.600 | 1.5 | 130 | - | Low |
| | X7 | 0.355 | 0.610 | 1.8 | 133 | - | Low |
| DYNAMIC GOLD SPINNER | W | 0.355 | 0.600 | 1.4 | 124 | 37 | Low |
| DYNAMIC GOLD TOUR ISSUE | S400 | 0.355 | 0.600 | 1.6 | 132 | - | Low |
| | X100 | 0.355 | 0.600 | 1.5 | 130 | - | Low |
| DG PRO | R300 | 0.355 | 0.600 | - | 111 | - | Mid |
| | S300 | 0.355 | 0.600 | - | 120 | - | Mid |
| | X100 | 0.355 | 0.600 | - | 127 | - | Low |
| PROJECT X | 5.0 | 0.355 | 0.600 | - | 115 | - | - |
| | 5.5 | 0.355 | 0.600 | - | 115 | - | - |
| | 6.0 | 0.355 | 0.600 | - | 125 | - | - |
| | 6.5 | 0.355 | 0.600 | - | 125 | - | - |
| PROJECT X PXI | 5.5 | 0.355 | 0.600 | - | 108 | - | Mid |
| | 6.0 | 0.355 | 0.600 | - | 112 | - | Mid |
| | 6.5 | 0.355 | 0.600 | - | 117 | - | Mid |
| XP 95 | R300 | 0.355 | 0.605 | - | 93 | - | High |
| | S300 | 0.355 | 0.605 | - | 95 | - | High |
| XP 105 | R300 | 0.355 | 0.600 | - | 100 | - | High |
| | S300 | 0.355 | 0.600 | - | 101 | - | High |
| XP 115 | S300 | 0.355 | 0.600 | - | 117 | - | Mid |
| | X100 | 0.355 | 0.600 | - | 120 | - | Mid |

UST MAMIYA • IRON CUSTOM SHAFT SPECIFICATIONS

www.ustmamiya.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|---------------|-------|-----------|------------|--------|--------|------------|--------------|
| RECOIL | 65 R | 0.355 | 0.600 | 3.8 | 65 | - | Mid-High |
| | 95 R | 0.355 | 0.610 | 3.3 | 95 | - | Mid |
| | 95 S | 0.355 | 0.610 | 3.1 | 95 | - | Mid |
| | 110 S | 0.355 | 0.610 | 3.3 | 110 | - | Mid |

IMPORTANT NOTE ABOUT SHAFT SPECIFICATIONS

The measurements shown have been supplied to PING by the shaft manufacturer. There is no current golf industry standard for determining and comparing flex and torque options among shaft manufacturers. For comparison of these shafts to the shafts of another company, please contact the shaft manufacturer directly. **Shaft weights are measured in grams, torque is measured in degrees.**

GOLF PRIDE • IRON & WOOD CUSTOM GRIP OPTIONS

www.golfpride.com

| STYLE | COLOR | SIZE | BUTT SIZE | ROUND/REMINDER |
|-------------------------------------|-------------|-------|--------------|----------------|
| CP2 PRO | Black/Red | Std | 0.600 | Round |
| | Black/Red | Mid | 0.600 | Round |
| | Black/Red | Jumbo | 0.600 | Round |
| CP2 WRAP | Black/Blue | Std | 0.600 | Round |
| | Black/Blue | Mid | 0.600 | Round |
| | Black/Blue | Jumbo | 0.600 | Round |
| DECADE MULTI COMPOUND | Black/Red | Std | 0.600 | Round |
| | White/Black | Std | 0.600 | Round |
| | Blue/Black | Std | 0.600 | Round |
| | Black/Black | Std | 0.600 | Round |
| | Black/Red | Mid | 0.600 | Round |
| | White/Black | Mid | 0.600 | Round |
| | Blue/Black | Mid | 0.600 | Round |
| DECADE MULTI COMPOUND PLUS 4 | Light Blue | Std | 0.600 | Round |
| | Red | Std | 0.600 | Round |
| | Gray | Std | 0.600 | Round |
| | Green | Std | 0.600 | Round |
| | Gray | Mid | 0.600 | Round |
| | Blue | Mid | 0.600 | Round |
| TOUR VELVET | Black | Std | 0.580, 0.600 | Round |
| | Black | Mid | 0.600 | Round |
| TOUR VELVET FULL CORD | Black | Std | 0.580, 0.600 | Round |
| TOUR VELVET SUPER TACK | Black | Std | 0.600 | Round |
| | Black | Mid | 0.600 | Round |
| TOUR WRAP 2G | Black | Std | 0.580, 0.600 | Round |
| | Black | Mid | 0.580, 0.600 | Round |
| | Black | Jumbo | 0.580, 0.600 | Round |
| Z-GRIP CORD | Black | Std | 0.600 | Round |

IOMIC • IRON & WOOD CUSTOM GRIP OPTIONS

www.iomicusa.com

| STYLE | COLOR | SIZE | BUTT SIZE | ROUND/REMINDER |
|-----------------------|-------|------|-----------|----------------|
| STICKY 2.3 | Black | Std | 0.600 | Round |
| STICKY iXX 2.3 | Black | Std | 0.600 | Round |

THE GRIP MASTER • IRON & WOOD CUSTOM GRIP OPTIONS

www.thegripmaster.com

| STYLE | COLOR | SIZE | BUTT SIZE | ROUND/REMINDER |
|---------------------|------------|------|-----------|----------------|
| TGM KANGAROO | Black | Std | 0.600 | Round |
| TGM MASTER | Black/Blue | Std | 0.600 | Round |

LAMKIN • IRON & WOOD CUSTOM GRIP OPTIONS

www.lamkingrips.com

| STYLE | COLOR | SIZE | BUTT SIZE | ROUND/REMINDER |
|----------------------------|---------------|------|---------------|----------------|
| CROSSLINE | Black | Std | 0.580 - 0.600 | Round |
| | Black | Mid | 0.580 - 0.600 | Round |
| CROSSLINE FULL CORD | Black | Std | 0.580 - 0.600 | Round |
| R.E.L. ACE 3GEN | Pink | Std | 0.580 | Round |
| | Red | Std | 0.580 | Round |
| | Orange | Std | 0.580 | Round |
| | Electric Blue | Std | 0.580 | Round |
| UTX WRAP | Black | Std | 0.580 | Round |
| | Blue | Std | 0.580 | Round |
| | Black | Mid | 0.580 | Round |
| WRAP-TECH | White Trim | Std | 0.580 | Round |
| Z5 | Black | Std | 0.580 | Round |
| | Blue | Std | 0.580 | Round |
| | Black | Mid | 0.580 | Round |

SUPER STROKE • IRON & WOOD CUSTOM GRIP OPTIONS

www.superstrokeusa.com

| STYLE | COLOR | SIZE | BUTT SIZE | ROUND/REMINDER |
|---------------|-------------|------|-----------|----------------|
| TX 1 | Black/White | Std | 0.600 | Round |
| | Black/White | Mid | 0.600 | Round |
| S TECH | Black | Std | 0.600 | Round |
| | Blue | Std | 0.600 | Round |
| | Black | Mid | 0.600 | Round |

WINN • IRON & WOOD CUSTOM GRIP OPTIONS

www.winnrips.com

| STYLE | COLOR | SIZE | BUTT SIZE | ROUND/REMINDER |
|---------------------|-----------|----------|-----------|----------------|
| DRI-TAC | Dark Gray | Std | 0.600 | Round |
| | Dark Gray | Mid | 0.600 | Round |
| | Dark Gray | Ovr | 0.600 | Round |
| DRI-TAC WRAP | Dark Gray | Std | 0.600 | Round |
| | Dark Gray | Mid | 0.600 | Round |
| | Dark Gray | Ovr | 0.600 | Round |
| EXCEL RF | Black | Std (#5) | 0.600 | Round |
| | Black | Mid (#6) | 0.600 | Round |
| | Black | Ovr (#7) | 0.600 | Round |

GOLF PRIDE • PUTTER CUSTOM GRIP OPTIONS

www.golfpride.com

| STYLE | COLOR | SIZE |
|-------------------------------|------------|------|
| TOUR SNSR STRAIGHT (104, 140) | Black/Blue | Std. |
| TOUR SNSR CONTOUR (104, 140) | Black/Red | Std. |

SALTY • PUTTER CUSTOM GRIP OPTIONS

www.saltygrips.com

| STYLE | COLOR | SIZE |
|----------|-------|----------|
| MID-PLUS | Cork | Midsized |

SUPER STROKE • PUTTER CUSTOM GRIP OPTIONS

www.superstrokeusa.com

| STYLE | COLOR | SIZE |
|----------------------|-------------|----------------|
| 5.0 | Black | Jumbo |
| FLATSO 1.4 | Red/White | Flat-Midsized |
| FLATSO 1.7 | Green/White | Flat-Oversized |
| LEGACY 1.0 | Black | Std. |
| LEGACY 2.0 | Black | Midsized |
| | Blue | Midsized |
| | Yellow | Midsized |
| LEGACY 3.0 | Black | Oversized |
| | Blue | Oversized |
| | Red | Oversized |
| | Yellow | Oversized |
| LEGACY 5.0 | Black | Jumbo |
| | Blue | Jumbo |
| FLATSO 2.0 | Black | Flat-Midsized |
| | Blue | Flat-Midsized |
| SS2 | Red | Square |
| LEGACY PLUS 2.0 w/CC | Black | 14"-Midsized |
| PISTOL GT 1.0 | Black | Std. |

ALDILA • METAL WOOD EXOTIC SHAFT SPECIFICATIONS

www.aldila.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|----------------------------|-----------|-----------|---------------------|---------------|------------|------------|--------------|
| NV 44 MAGNUM | A, X | 0.335 | 0.615, 0.620 | 5.6, 4.0 | 43, 48 | 46 | Mid |
| RIP ALPHA 60 | R, S, X | 0.335 | 0.595 | 3.6, 2.9, 2.8 | 62, 63, 70 | 46 | Low-Mid |
| RIP ALPHA 70 | S, X | 0.335 | 0.608 | 2.6, 2.5 | 74, 76 | 46 | Low-Mid |
| RIP BETA 60 | S, X | 0.335 | 0.600, 0.603 | 3.5, 3.2 | 64, 66 | 46 | Mid |
| RIP BETA 70 | S, X | 0.335 | 0.610 | 3.1, 2.8 | 74, 76 | 46 | Mid |
| ROGUE MAX 65 LOW | R | 0.335 | 0.606 | 4.5 | 70 | 46 | Low/Mid |
| ROGUE MAX 75 LOW | R | 0.335 | 0.610 | 4.4 | 74 | 46 | Low/Mid |
| ROGUE MAX 65 MID | R,S,X | 0.335 | 0.610-0.616 | 4.9-3.5 | 65-69 | 46 | Mid |
| ROGUE MAX 75 MID | R,S,X | 0.335 | 0.610-0.616 | 4.6-3.2 | 71-75 | 46 | Mid |
| ROGUE BLACK 80 | S, X | 0.335 | 0.640 | 2.8, 2.6 | 85, 86 | 46 | Mid-High |
| TOUR BLUE 65 | R, X TX | 0.335 | 0.610-0.616 | 4.6-3.2 | 64-69 | 46 | Mid |
| TOUR BLUE 75 | R, X, TX | 0.335 | 0.610-0.616 | 4.6-3.2 | 74 | 46 | Mid |
| TOUR GREEN 65 | R, TS, TX | 0.335 | 0.636, 0.640, 0.641 | 4.5, 3.5, 3.3 | 66, 67, 69 | 46 | Low-Mid |
| TOUR GREEN 75 | R, TS, TX | 0.335 | 0.632, 0.640, 0.641 | 4.3, 3.3, 2.8 | 72, 76, 76 | 46 | Low-Mid |
| ROGUE I/O SILVER 60 | R, S, X | 0.335 | 0.635, 0.640, 0.641 | 4.8, 4.2, 3.6 | 63, 64, 65 | 46 | Low-Mid |
| NV2KXV BLUE 60 | X | 0.335 | 0.645 | 4.0 | 61 | 46 | Mid |
| NV2KXV BLUE 70 | R,S,X | 0.335 | 0.644-0.647 | 4.3-3.0 | 73-74 | 46 | Mid |
| NV2KXV GREEN 65 | A, R | 0.335 | 0.640, 0.645 | 5.2, 4.9 | 63, 64, 65 | 46 | Low-Mid |
| NV2KXV GREEN 75 | R | 0.335 | 0.640 | 4.5 | 71 | 46 | Low-Mid |
| NV2KXV ORANGE 65 | A, R, X | 0.335 | 0.640, 0.645, 0.645 | 5.6, 5.4, 4.5 | 62, 63, 65 | 46 | Mid-High |

FUJIKURA • METAL WOOD EXOTIC SHAFT SPECIFICATIONS

www.fujikuragolf.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|---|-------------|-----------|-------------|---------------|------------|------------|--------------|
| PRO 53 | R2, R, S | 0.335 | 0.602 | 4.1 | 56-57 | 46 | Mid |
| PRO 63 | R2, R, S, X | 0.335 | 0.610 | 4.0 | 63-67 | 46 | Mid |
| PRO 73 | S, X | 0.335 | 0.610 | 3.4 | 74, 75 | 46 | Mid |
| PRO 63 TOUR SPECS | S, X | 0.335 | 0.605 | 3.0 | 65 | 46 | Low-Mid |
| PRO 73 TOUR SPECS | S, X | 0.335 | 0.610 | 2.9 | 72 | 46 | Mid |
| SIX | R, S, X | 0.335 | 0.600 | 4.2, 4.0, 4.0 | 59-60 | 46 | Mid |
| SIX TOUR SPECS | S, X | 0.335 | 0.600 | 3.7 | 60 | 46 | Mid |
| SPEEDER EVOLUTION 569 | R2, R, S | 0.335 | 0.600-0.605 | 3.7, 3.7, 3.5 | 57, 58, 59 | 47 | Mid-High |
| SPEEDER EVOLUTION 661 | R | 0.335 | 0.605 | 3.2 | 64 | 46 | Mid |
| SPEEDER EVOLUTION 661 TOUR SPECS | S, X | 0.335 | 0.605 | 3.5 | 68 | 46 | Mid |
| SPEEDER EVOLUTION 757 TOUR SPECS | S, X | 0.335 | 0.620 | 2.6 | 78 | 47 | Low |
| MOTORE SPEEDER VC 7.2 TOUR SPECS | S | 0.335 | 0.615 | 3.0 | 74 | 46 | Low |
| | X | 0.335 | 0.615 | 3.0 | 74 | 46 | Low |
| SPEEDER EVOLUTION 661 | S | 0.335 | 0.605 | 3.2 | 66 | 47 | Mid |
| | X | 0.335 | 0.605 | 3.2 | 68 | 47 | Mid |
| SPEEDER EVOLUTION 757 | S | 0.335 | 0.615 | 2.7 | 78 | 47 | Low-Mid |
| | X | 0.335 | 0.615 | 2.7 | 79 | 47 | Low-Mid |
| BLUR RED 005 | R | 0.335 | 0.600 | 4.0 | 59 | 46 | Mid |
| | S | 0.335 | 0.600 | 4.0 | 60 | 46 | Mid |
| | X | 0.335 | 0.600 | 4.0 | 60 | 46 | Low-Mid |
| ATMOS TS 6 RED | S,X | 0.335 | 0.605 | 3.5 | 67-69 | 46 | Mid/Mid-High |
| ATMOS TS 7 RED | S,X | 0.335 | 0.605 | 3.3 | 74-76 | 46 | Mid/Mid-High |
| ATMOS TS BLUE 7 | X | 0.335 | 0.615 | 3.1 | 77 | 46 | Mid |
| ATMOS BLACK 6 | S,X | 0.335 | 0.605-0.610 | 3.4 | 65-69 | 46 | Low |
| ATMOS TS BLACK 7 | S | 0.335 | 0.61 | 3 | 74 | 46 | Low |

GRAFALLOY/PROJECT X • METAL WOOD EXOTIC SHAFT SPECIFICATIONS

www.grafalloy.com
www.projectxshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|----------------------------|---------------|-----------|------------|---------------|------------|------------|--------------|
| BLUE | R, S, X | 0.335 | 0.605 | 2.8 | 63, 64, 65 | 46 | Low |
| PROJECT X | 7.0 | 0.335 | 0.600 | 3.3 | 69 | 46 | Low |
| HZR DUS - BLACK 65 | 5.5 | 0.335 | 0.600 | 3.2 | 62 | 46 | Low |
| HZR DUS - YELLOW 65 | 5.5, 6.5 | 0.335 | 0.615-.610 | 3.2, 3.3 | 62, 63 | 46 | Low |
| HZR DUS - YELLOW 75 | 6.5 | 0.335 | 0.615 | 2.9 | 76 | 46 | Low |
| HZR DUS RED 65 | 5.5, 6.0, 6.5 | 0.335 | 0.600 | 3.2 | 62 | 46 | Mid |
| HZR DUS RED 75 | 5.5, 6.0, 6.5 | 0.335 | 0.615-.610 | 3.0, 3.2, 3.3 | 72, 73, 75 | 46 | Mid |

GRAPHITE DESIGN • METAL WOOD EXOTIC SHAFT SPECIFICATIONS

www.proschoicegolfshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|---------------------------|------------|-----------|--------------|----------|--------|------------|--------------|
| G-SERIES RED 50 | Lite, R, S | 0.335 | 0.600-0.602 | 4.0 | 58-60 | 46 | Mid |
| G-SERIES RED 60 | R, S, X | 0.335 | 0.600-0.604 | 3.3 | 66-70 | 46 | Mid |
| G-SERIES RED 70 | S, X | 0.335 | 0.604-0.606 | 3.1 | 74, 78 | 46 | Mid |
| TOUR AD BB-5 | R1, R2, S | 0.335 | 0.595-0.598 | 4.3 | 55-57 | 46 | Mid |
| TOUR AD BB-8 | S, X | 0.335 | 0.604, 0.606 | 2.8 | 85, 86 | 46 | Mid |
| TOUR AD DI-5 | R1, R2, S | 0.335 | 0.595-0.598 | 4.7, 4.6 | 54-57 | 46 | Mid |
| TOUR AD DI-6 | SR | 0.335 | 0.598 | 3.4 | 64 | 46 | Mid |
| TOUR AD DI-8 | S, X | 0.335 | 0.604, 0.606 | 3.0-2.9 | 84, 85 | 46 | Mid |
| TOUR AD DI BLACK 6 | SR | 0.335 | 0.598 | 3.4 | 64 | 46 | Mid |
| TOUR AD DI BLACK 7 | S, X | 0.335 | 0.600, 0.602 | 3.2-3.1 | 74, 75 | 46 | Mid |
| TOUR AD TP-5 | R2, R1, S | 0.335 | 0.596-0.600 | 4.4 | 54-57 | 46 | Mid |
| TOUR AD TP-6 | SR | 0.335 | 0.596-0.600 | 3.2 | 63 | 46 | Mid |
| TOUR AD TP-7 | S,X | 0.335 | 0.600-0.602 | 3.0 | 73-74 | 46 | Mid |
| TOUR AD TP-8 | S,X | 0.335 | 0.600-0.602 | 2.6 | 85-86 | 46 | Mid |
| TOUR AD DJ-5 | R1, S | 0.335 | 0.596, 0.598 | 3.0 | 55, 57 | 46 | Mid |
| TOUR AD DJ-6 | SR, S, X | 0.335 | 0.597 | 3.2-3.1 | 65-68 | 46 | Mid |
| TOUR AD DJ-7 | S, X | 0.335 | 0.600, 0.602 | 2.9 | 75, 76 | 46 | Mid |
| TOUR AD DJ-8 | S, X | 0.335 | 0.602, 0.604 | 2.6 | 88 | 46 | Mid |
| TOUR AD GT-5 | R1, R2, S | 0.335 | 0.595-0.598 | 4.3 | 55-57 | 46 | Mid |
| TOUR AD GT-6 | S, X | 0.335 | 0.598 | 3.1 | 65, 68 | 46 | Mid |
| TOUR AD GT-7 | S, X | 0.335 | 0.600, 0.602 | 2.9 | 75, 76 | 46 | Mid |
| TOUR AD GT-8 | S, X | 0.335 | 0.602, 0.604 | 2.6 | 87, 88 | 46 | Mid |
| TOUR AD MJ-6 | SR | 0.335 | 0.596 | 3.4 | 61 | 46 | Mid |
| TOUR AD MJ-7 | S, X | 0.335 | 0.600, 0.602 | 3.3 | 71, 73 | 46 | Mid |
| TOUR AD MJ-8 | S, X | 0.335 | 0.600, 0.602 | 2.8 | 83, 85 | 46 | Mid |
| TOUR AD MT-5 | R1, R2, S | 0.335 | 0.595-0.596 | 4.7 | 55-57 | 46 | Mid |
| TOUR AD MT-6 | SR | 0.335 | 0.596 | 3.3 | 63 | 46 | Mid |
| TOUR AD MT-7 | S, X | 0.335 | 0.598, 0.600 | 3.1 | 74, 75 | 46 | Mid |
| TOUR AD MT-8 | S, X | 0.335 | 0.604, 0.606 | 2.9 | 83, 85 | 46 | Mid |
| YS NANO RELOADED 5 | A, R, S | 0.335 | 0.595-0.598 | 4.0 | 55-57 | 46 | Mid-High |
| YS NANO RELOADED 6 | R, S, X | 0.335 | 0.602, 0.604 | 3.7, 3.6 | 66-68 | 46 | Mid |
| YS NANO RELOADED 7 | R, S, X | 0.335 | 0.604 | 3.4 | 77-78 | 46 | Mid |
| TOUR AD GP-6 | SR | 0.335 | 0.598 | 3.1 | 64.5 | 46 | Mid |

MATRIX • METAL WOOD EXOTIC SHAFT SPECIFICATIONS

www.matrixshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|-----------------------------|---------|-----------|--------------|---------------|------------|------------|--------------|
| 50Q4 RED TIE | R, S | 0.335 | 0.605, 0.610 | 4.2, 4.1 | 55, 56 | 46 | Mid |
| 60X4 WHITE TIE | R, S, X | 0.335 | 0.605 | 4.0, 3.9, 3.8 | 64, 65, 66 | 46 | High |
| 70X4 WHITE TIE | R, S, X | 0.335 | 0.615 | 4.2, 4.2, 4.1 | 71, 74, 77 | 46 | High |
| 60M4 BLACK TIE | R, S, X | 0.335 | 0.620-0.625 | 3.3 | 63, 65, 68 | 46 | Low |
| 70M4 BLACK TIE | R, S, X | 0.335 | 0.620-0.625 | 2.8, 2.8, 2.7 | 74, 76, 77 | 46 | Low |
| SPEED RULZ-TYPE A-50 | A,R,S | 0.335 | 0.600-0.605 | 4.6 | 52,53,55 | 46 | Mid |
| SPEED RULZ-TYPE A-60 | R,S,TX | 0.335 | 0.610 | 4.0,3.5,3.1 | 60,65,67 | 46 | Mid |
| SPEED RULZ-TYPE A-70 | S,TX | 0.335 | 0.620 | 3.0,2.7 | 73,77 | 46 | Mid |
| SPEED RULZ-TYPE B-50 | A,R,S | 0.335 | 0.620-0.625 | 4.5,4.6,4.6 | 59,61,63 | 46 | Mid |
| SPEED RULZ-TYPE B-60 | R,S,TX | 0.335 | 0.615-0.620 | 3.6, 3.5,3.1 | 67,68,69 | 46 | Mid |
| SPEED RULZ-TYPE B-70 | S,TX | 0.335 | 0.630 | 4.2,2.6 | 77,79 | 46 | Mid |
| SPEED RULZ-C-TYPE-60 | R,TX | 0.335 | 0.610 | 4.0,3.1 | 60,67 | 46 | Low-Mid |
| SPEED RULZ-C-TYPE-70 | S,TX | 0.335 | 0.620 | 3.1,2.6 | 78,79 | 46 | Low-Mid |
| MFS 50X5 WHT | A,R,S | 0.335 | 0.600-0.610 | 4.2-4.1 | 53-57 | 46 | High |
| MFS 60X5 WHT | R,X | 0.335 | 0.600-0.605 | 4.2-4.1 | 53-67 | 46 | High |
| MFS 70X5 WHT | X | 0.335 | 0.615 | 4.2 | 78 | 46 | High |
| MFS 60M5 BLK | S,X | 0.335 | 0.600 | 3.4-2.8 | 67-68 | 46 | Low |
| MFS 70M5 BLK | S | 0.335 | 0.605 | 3.0 | 77 | 46 | Low |
| MFS 80M5 BLK | X | 0.335 | 0.615 | 2.7 | 84 | 46 | Low |

MITSUBISHI • METAL WOOD EXOTIC SHAFT SPECIFICATIONS

www.mitsubishirayongolf.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|--|---------------|-----------|--------------|-------------|----------|------------|--------------|
| KURO KAGE SILVER TINI 60 | S, X | 0.335 | 0.618, 0.620 | 4.4, 3.3 | 67, 69 | 46 | Low-Mid, Low |
| KURO KAGE SILVER TINI 70 | S, X | 0.335 | 0.618, 0.620 | 4.1, 3.0 | 76, 77 | 46 | Low-Mid |
| TENSEI CK-SERIES 50 BLUE | R,S,X | 0.335 | 0.602-0.610 | 5.4,5.5,5.6 | 54,57,60 | 46 | Mid |
| TENSEI CK-SERIES 60 BLUE | R | 0.335 | 0.610 | 4.6 | 64 | 46 | Mid |
| TENSEI CK-SERIES 70 BLUE | R | 0.335 | 0.636 | 4 | 73 | 46 | Mid |
| DIAMANA™ BF-SERIES 50 | R,S,X | 0.335 | 0.636-0.644 | 5.0-4.9 | 54-60 | 46 | Mid/Mid-High |
| DIAMANA™ BF-SERIES 60 | R | 0.335 | 0.636-0.644 | 3.9-3.8 | 63.5-69 | 46 | Mid/Mid-High |
| DIAMANA™ BF-SERIES 70 | S,X | 0.335 | 0.636-0.644 | 3.4 | 72-80 | 46 | Mid/Mid-High |
| DIAMANA™ BF-SERIES 80 | S,X, TX | 0.335 | 0.636-0.644 | 3.0-2.8 | 83-89.5 | 46 | Mid/Mid-High |
| DIAMANA RED M + PLUS LIMITED 50 | S,X | 0.335 | 0.614 | 5.1 | 51 | 46 | High |
| DIAMANA RED M + PLUS LIMITED 60 | R,S,X | 0.335 | 0.618-0.622 | 5.8-4.3 | 55-60 | 46 | Mid |
| DIAMANA BLUE S+ PLUS LIMITED 60 | R,X, TX | 0.335 | 0.604-0.612 | 3 | 61-68 | 46 | Mid-Mid/High |
| DIAMANA BLUE S+ PLUS LIMITED 70 | R,S,X, TX | 0.335 | 0.612-0.620 | 4.2-3.1 | 67-75 | 46 | Mid-Mid/High |
| DIAMANA BLUE S+ PLUS LIMITED 80 | S, TX | 0.335 | 0.614-0.620 | 3.5-3.0 | 79-83 | 46 | Mid-Mid/High |
| DIAMANA WHITE D+ PLUS LIMITED 60 | S,X, TX | 0.335 | 0.604-0.612 | 3 | 61-68 | 46 | High |
| DIAMANA WHITE D+ PLUS LIMITED 70 | TX | 0.335 | 0.608 | 2.7 | 76 | 46 | High |
| DIAMANA WHITE D+ PLUS LIMITED 80 | S,X, TX | 0.335 | 0.614 | 2.8-2.6 | 86-87 | 46 | High |
| KURO KAGE™ SILVER DUAL CORE TINI 50 | R,S | 0.335 | 0.612-0.613 | 5.4,5.2 | 56-59 | 46 | Mid |
| KURO KAGE™ SILVER DUAL CORE TINI 60 | R,X | 0.335 | 0.612-0.618 | 4.5,3.4 | 63-68 | 46 | Mid |
| KURO KAGE™ SILVER DUAL CORE TINI 70 | X | 0.335 | 0.622 | 3.1 | 77 | 46 | Mid |
| KURO KAGE™ SILVER DUAL CORE TINI 80 | X | 0.335 | 0.600 | 2.7 | 86 | 46 | Mid |
| TENSEI™ CK BLUE SERIES 50 | L,A,R, S,X | 0.335 | 0.598-0.610 | 6.5-5.4 | 50-60 | 46 | Mid |
| TENSEI™ CK BLUE SERIES 60 | R | 0.335 | 0.610 | 4.6 | 64 | 46 | Mid |
| TENSEI™ CK BLUE SERIES 70 | R | 0.335 | 0.636 | 4 | 73 | 46 | Mid |
| TENSEI™ PRO WHITE SERIES 60 | R,S, TX | 0.335 | 0.594-0.631 | 4.0-3.9 | 60-68 | 46 | Low |
| TENSEI™ PRO WHITE SERIES 70 | S, TX | 0.335 | 0.600-0.635 | 3.2,3.0 | 73-77 | 46 | Low |
| TENSEI™ PRO WHITE SERIES 80 | TX | 0.335 | 0.631 | 2.8 | 86 | 46 | Low |

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|--------------------------|-------------|-----------|------------|----------|----------------|------------|--------------|
| DEVOTION 5 | A, R, S, X | 0.335 | 0.600 | 5.0 | 53, 55, 58, 59 | 46 | Mid-High |
| DEVOTION 6 | R, X, TX | 0.335 | 0.600 | 3.6 | 66, 68, 69 | 46 | Low-Mid |
| DEVOTION 7 | R, S, X, TX | 0.335 | 0.600 | 3.5 | 73, 75, 78, 77 | 46 | Low |
| DEVOTION 8 | S, X, TX | 0.335 | 0.600 | 3.5 | 84, 85, 86 | 46 | Low-Mid |
| DEVOTION HB 55 | A,R,S | 0.335 | 0.600 | 4.8 | 58-61 | 46 | Mid |
| DEVOTION HB 65 | R,X | 0.335 | 0.600 | 3.6 | 64-67 | 46 | Mid |
| DEVOTION HB 75 | S,X | 0.335 | 0.600 | 3.5 | 75-78 | 46 | Mid |
| ISAWA RED 65 | R, S, X | 0.335 | 0.600 | 3.6 | 63, 66, 69 | 46 | High |
| ISAWA RED 75 | S,X | 0.335 | 0.600 | 3.6 | 74, 77 | 46 | High |
| KIYOSHI BLACK 65 | S, X | 0.335 | 0.600 | 3.3 | 70, 72 | 46 | Low-Mid |
| KIYOSHI BLACK 75 | S, X | 0.335 | 0.600 | 2.9 | 80, 83 | 46 | Mid |
| KIYOSHI GOLD 55 | R, S | 0.335 | 0.600 | 3.7 | 58, 59 | 46 | High |
| KIYOSHI GOLD 65 | S, X | 0.335 | 0.600 | 3.3 | 68 | 46 | High |
| KIYOSHI GOLD 75 | S, X | 0.335 | 0.600 | 3.3 | 76, 78 | 46 | High |
| KIYOSHI PURPLE 55 | A, R, S, X | 0.335 | 0.600 | 4.0 | 56, 57, 58, 59 | 46 | High |
| KIYOSHI PURPLE 65 | R | 0.335 | 0.600 | 3.5 | 66 | 46 | Mid |
| KIYOSHI PURPLE 75 | S, X | 0.335 | 0.600 | 3.1 | 79, 81 | 46 | Mid-High |
| KIYOSHI PURPLE 85 | S, X | 0.335 | 0.600 | 3.5 | 85, 87 | 46 | Mid-High |
| KIYOSHI WHITE 65 | R, S, X | 0.335 | 0.600 | 3.2, 3.1 | 66, 69, 72 | 46 | Mid |
| KIYOSHI WHITE 75 | S, X | 0.335 | 0.600 | 2.9 | 78, 81 | 46 | Mid |
| REVENGE 5 | R,S | 0.335 | 0.600 | 5.0 | 57, 58 | 46 | Mid-High |
| REVENGE 6 | R, S, X, TX | 0.335 | 0.600 | 3.6 | 64, 66, 65, 67 | 46 | Mid |
| REVENGE 7 | R, S, X, TX | 0.335 | 0.600 | 3.5 | 74, 75, 76 | 46 | Mid |
| REVENGE 8 | S, X, TX | 0.335 | 0.600 | 3.5 | 83, 85 | 46 | Low-Mid |
| KIYOSHI HB 55 | A,R,S | 0.335 | 0.600 | 4.0 | 57,57,59 | 46 | Mid-High |
| KIYOSHI HB 65 | R,X | 0.335 | 0.600 | 3.5 | 66,70 | 46 | Mid-High |

UST MAMIYA • METAL WOOD EXOTIC SHAFT SPECIFICATIONS

www.ustmamiya.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|------------------------------|----------------------------|-----------|--------------|-------------------|----------------|------------|--------------|
| ATTAS 6STAR 5 | R | 0.335 | 0.602 | 4.2 | 53 | 46 | Mid-High |
| ATTAS 6STAR 6 | S, X | 0.335 | 0.606 | 3.3 | 64, 66 | 46 | Mid-High |
| ATTAS 6STAR 7 | S, X | 0.335 | 0.604, 0.606 | 2.9 | 73, 75 | 46 | Mid-High |
| ATTAS 5GoGo 5 | R | 0.335 | 0.602 | 3.9 | 57 | 46 | Mid |
| ATTAS 5GoGo 6 | S, X | 0.335 | 0.600, 0.604 | 3.1 | 67, 69 | 46 | Mid |
| ATTAS 5GoGo 7 | S, X | 0.335 | 0.602, 0.604 | 2.8 | 77, 78 | 46 | Mid |
| ELEMENTS CHROME 55 | F2 (A) F3 (R) F4 (S) | 0.335 | 0.605 | 5.7 5.6 5.4 | 57 58 59 | 46 | Mid-High |
| ELEMENTS CHROME 65 | F3 (R) F4 (S) F5 (X) | 0.335 | 0.602-0.605 | 4.8 4.8 3.0 | 66 66 68 | 46 | Mid-High |
| ELEMENTS CHROME 75 | F3 (R) F4 (S) F5 (X) | 0.335 | 0.602-0.603 | 3.5 3.5 2.9 | 72 75 77 | 46 | Mid-Low |
| ELEMENTS CHROME 85 | F4 (S) F5 (X) | 0.335 | 0.604 | 3.2, 3.0 | 86 | 46 | Low |
| ELEMENTS CHROME 95 | F5 (X) | 0.335 | 0.605 | 3.0 | 96 | 46 | Low |
| PROFORCE VTS BLACK 5 | R, S | 0.335 | 0.615, 0.620 | 3.5 | 57, 59 | 46 | Mid |
| PROFORCE VTS BLACK 6 | R, S, X, TX | 0.335 | 0.615-0.625 | 3.0 | 66, 67, 69, 72 | 46 | Mid, Mid-Low |
| PROFORCE VTS BLACK 7 | R, S, X, TX | 0.335 | 0.615-0.620 | 2.5 | 73, 75, 77, 81 | 46 | Mid, Mid-Low |
| PROFORCE VTS RED 5 | A | 0.335 | 0.615 | 5.5 | 56 | 46 | Mid |
| PROFORCE VTS RED 6 | R, S, X, TX | 0.335 | 0.615-0.625 | 5.0 | 65, 66, 68, 72 | 46 | Mid, Mid-Low |
| PROFORCE VTS RED 7 | R, S, X, TX | 0.335 | 0.610-0.620 | 4.5 | 73, 74, 76, 80 | 46 | Mid, Mid-Low |
| PROFORCE VTS SILVER 5 | R, S | 0.335 | 0.615-0.620 | 4.5, 3.5 | 57 | 46 | Mid |
| PROFORCE VTS SILVER 6 | R, X, TX | 0.335 | 0.615-0.625 | 4.0 | 65, 66, 69, 72 | 46 | Mid, Mid-Low |
| PROFORCE VTS SILVER 7 | R, TX | 0.335 | 0.615-0.620 | 3.5 | 74, 80 | 46 | Mid, Mid-Low |
| ELEMENTS CHROME+ 55 | F2 (A) F3 (R) F4 (S) | 0.335 | 0.600 | 5.9 5.6 5.6 | 61 61 61 | 46 | High |
| ELEMENTS CHROME+ 65 | F3 (R) | 0.335 | 0.600 | 5.0 | 70 | 46 | High |
| ELEMENTS CHROME+ 75 | F4 (S) F5 (X) | 0.335 | 0.620 | 3.7 3.1 | 78 79 | 46 | Mid-High |
| RECOIL 440 ES F1 | L, A | 0.335 | 0.590-0.600 | 6.3 | 44-46 | 45-46 | High |
| RECOIL 450 ES F2 | A | 0.335 | 0.600 | 5.7 | 53 | 46 | Mid-High |

AERO TECH • IRON EXOTIC SHAFT SPECIFICATIONS

www.aerotechgolfshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|--------------------------|------|-----------|------------|---------|--------|------------|--------------|
| STEELFIBER i80CW | S | 0.355 | 0.600 | 2.5 | 85 | - | Mid |
| STEELFIBER i110CW | R | 0.355 | 0.605 | 2.1-1.7 | 110 | - | Mid |
| STEELFIBER i125CW | S | 0.355 | 0.600 | 1.8-1.4 | 125 | - | Low-Mid |

FST • IRON EXOTIC SHAFT SPECIFICATIONS

www.kbsgolfshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|---------------------|-----------------|-----------|------------|---------------------------|-------------------------|------------|--------------|
| KBS C-Taper | R, R+ | 0.355 | 0.600 | 2.0 | 110, 115 | - | Low |
| KBS TOUR | R+ | 0.355 | 0.600 | 2.0 | 115 | - | Mid |
| KBS FLT | R, R+, S, S+, X | 0.355 | 0.600 | 2.0, 1.95, 1.9, 1.85, 1.8 | 110, 115, 120, 125, 130 | - | Mid |
| KBS \$-TAPER | R, R+ | 0.355 | 0.600 | 2.0, 1.95 | 110, 115 | - | Mid |

LOOMIS • IRON EXOTIC SHAFT SPECIFICATIONS

www.loomisgolf.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|-----------------|------------|-----------|-------------|----------|---------|------------|--------------|
| EFP TOUR | S, X | 0.355 | 0.604 | 1.7 | 110-119 | - | Mid |
| EFP 95 | A, R, S, X | 0.355 | 0.606-0.618 | 2.1, 2.0 | 91-100 | - | Mid |

NIPPON • IRON EXOTIC SHAFT SPECIFICATIONS

www.nipponshafts.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|--|------|-----------|------------|---------|--------|------------|--------------|
| NS PRO MODUS³ TOUR 120 | R | 0.355 | 0.600 | 2.0-1.7 | 111 | - | Low-Mid |
| | S | 0.355 | 0.600 | 1.8-1.6 | 114 | - | Low-Mid |
| | X | 0.355 | 0.600 | 1.7-1.5 | 120 | - | Low-Mid |

TRUE TEMPER • IRON EXOTIC SHAFT SPECIFICATIONS

www.trueemper.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|------------------------------|------------|-----------|------------|--------|--------|------------|--------------|
| XP 115 | R300 | 0.355 | 0.600 | - | 132 | 37 | Low |
| TOUR ISSUE ONYX WEDGE | S400, X100 | 0.355 | 0.600 | - | 130 | 37 | Low |

UST MAMIYA • IRON EXOTIC SHAFT SPECIFICATIONS

www.ustmamiya.com

| SHAFTS | FLEX | TIP DIAM. | BUTT DIAM. | TORQUE | WEIGHT | RAW LENGTH | LAUNCH ANGLE |
|-------------------|----------------|-----------|--------------|--------|----------|------------|--------------|
| RECOIL 65 | F4 (S) | 0.355 | 0.600 | 3.8 | 65 | - | Mid-High |
| RECOIL 95 | F5 (X) | 0.355 | 0.600 | 3.1 | 95 | - | Low-Mid |
| RECOIL 110 | F5 (X) | 0.355 | 0.612 | 3.0 | 110 | - | Low-Mid |
| RECOIL 125 | F4 (S), F5 (X) | 0.355 | 0.609, 0.611 | 3.0 | 121, 125 | - | Low-Mid |

CUSTOM WEDGE GRIND OPTIONS

BOUNCE GRIND

This grind reduces the overall angle/bounce of the club, which works best on firm turf conditions.

Available on the Glide 2.0 and Glide wedges, plus all irons within the G, G30, GMax, iBlade and i200 sets.



BACK GRIND

Material is removed from the back of the sole to make it narrower. As a result, the lead edge sits lower to the ground, making it easier to get under the ball when opening the face.

Available on the Glide 2.0 and Glide wedges, plus all irons within the G, G30, GMax, iBlade and i200 sets.



HEEL GRIND

By taking material from the heel it's easier for the player to lower their hands, effectively creating less bounce on that portion of the sole while maintaining playability.

Available on the Glide 2.0 and Glide wedges, plus all irons within the G, G30, GMax, iBlade and i200 sets.



LEAD-EDGE GRIND

Material is removed from the lead edge, giving it a larger, more rounded radius. This gives the player with a steep angle of attack a club that will resist digging in softer conditions or tightly mown lies.

Available on all irons within the G, G30, GMax, iBlade and i200 sets.



HALF-MOON GRIND

Material is removed from the heel and toe sections, allowing the player to play delicate short shots around the green with a deadening effect.

Available on Glide 2.0 and Glide wedges only.



BACK-HEEL COMBO GRIND

Golfers who play finesse shots will appreciate the versatility provided by this grind, which combines the back and heel grinds.

Available on Glide 2.0 and Glide wedges only.



LOB COMBO GRIND

Relief in the back and heel provide versatility to open the face around the greens, while the larger, more rounded lead edge resists digging in softer conditions and tightly mown areas. This grind is especially effective with a steeper angle of attack.

Available on Glide 2.0 and Glide wedges only.



WRX COMBO GRIND

Combining the back-heel and bounce grinds, the Wrx Grind is optimal when playing on firm turf conditions and is best suited for players with a shallow angle of attack.

Available on Glide 2.0 and Glide wedges only.



Highlighted grind areas are for illustrative purposes only. Custom grinds performed on request.