

INFERNO

TM



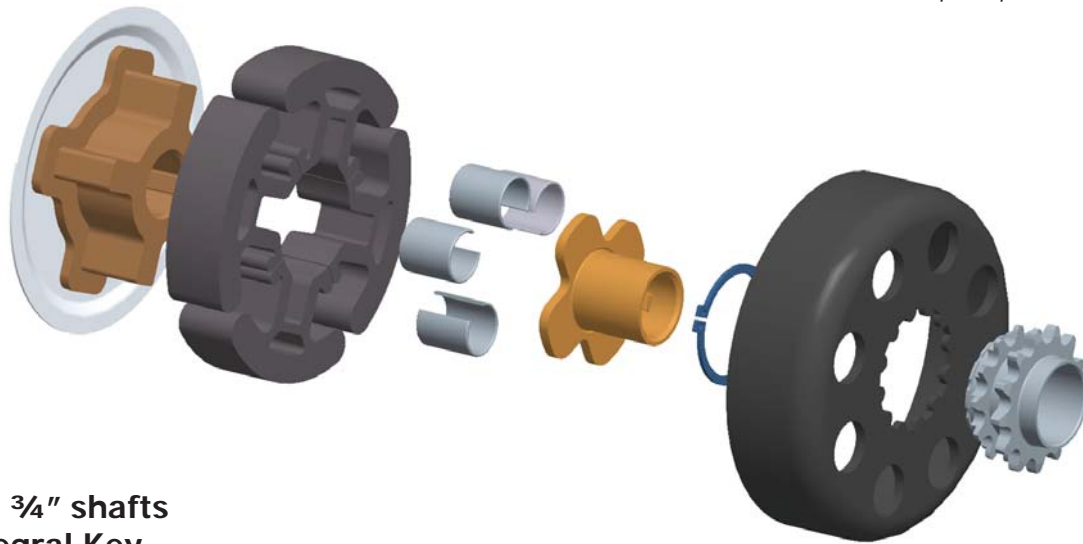
FURY FLAME BLAZE

2012 KART RACING CLUTCH CATALOG



INFERNO *FURY* Racing Clutch

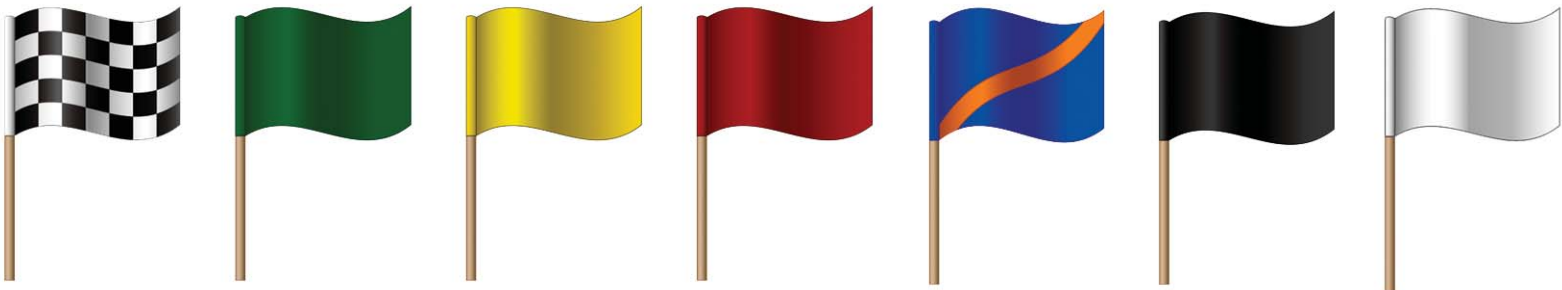
Patent # 6,857,515



- Fits 3/4" shafts
- Integral Key
- Heat Treated Hub
- Stamped Racing Drum
- Machined Steel Sprockets
- 2 piece design
- Easy changes without chain removal
- Track tunable
- Quick changing spring design
- Oil impregnated Bushing
- Interchangeable sprockets
- Thermodynamically Designed
- Tunability at a competitive price
- Longer Life

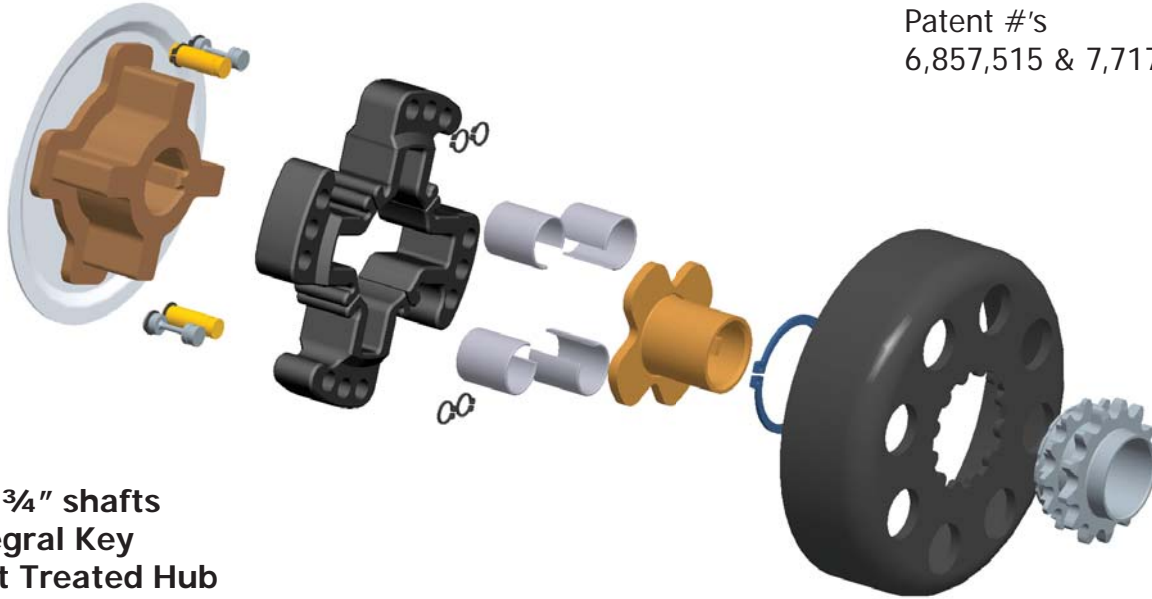


Quick change spring sets mean less time in the pits and more time on the track!



INFERNO *BLAZE* Tunable Racing Clutch

Patent #'s
6,857,515 & 7,717,250



- Fits 3/4" shafts
- Integral Key
- Heat Treated Hub
- Stamped Racing Drum
- Machined Steel Sprockets
- 2 piece design
- Easy changes without chain removal
- Unlimited track tunability
- Quick changing spring design
- Oil impregnated Bushing
- Interchangeable sprockets
- Thermodynamically Designed
- Tunability at a competitive price
- Longer Life

Insert Weights

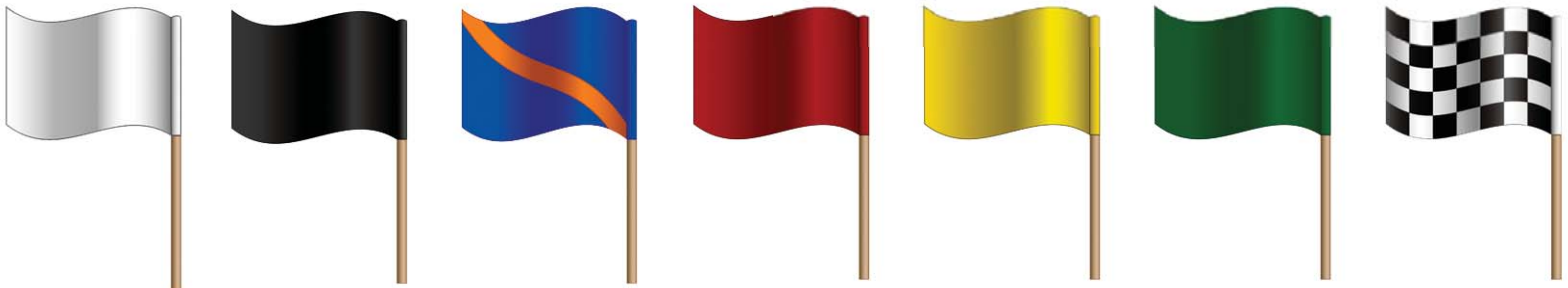
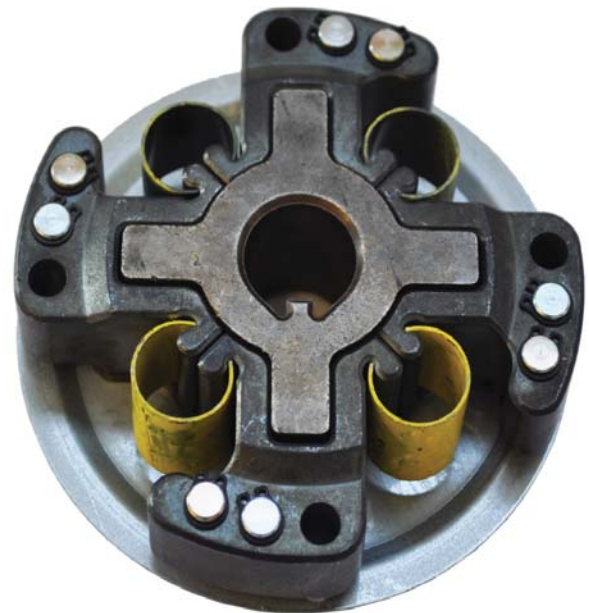
- Allow for multiple shoe weights
- Different engagement RPM's
- Alters Torque capacity

Shoe Configuration

- Leading Shoe – Maximum torque (Less slip)
- Combination – Average Torque (Average Slip)
- Trailing Shoe – Less Torque (More slip)

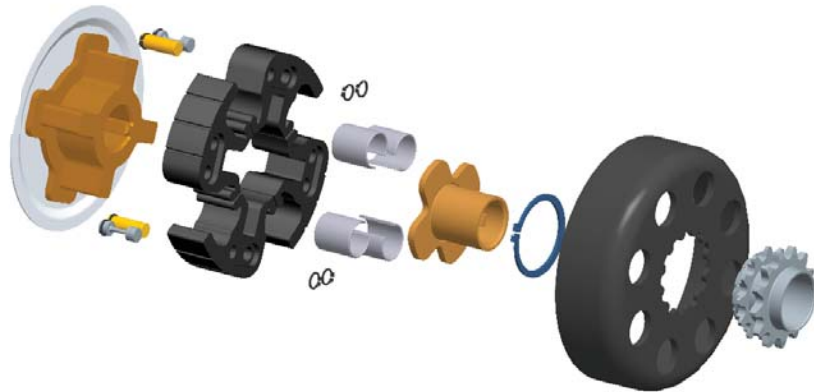


Different
size weights
offer
infinite
tuning
possibilities!



NEW PRODUCTS!

INFERNO *FLAME* Racing Clutch



- Fits 3/4" shafts
- Integral key
- Heat treated hub
- Stamped racing drum
- Machined steel sprockets
- Easy changes without chain removal
- Optimal shoe to drum surface contact
- Quick changing spring design
- Oil impregnated bushing
- Parts interchangeable with Fury & Blaze
- Thermodynamically designed
- Cleaning grooves on shoes
- Optional weights to fine tune engagement
- Designed for Adult classes

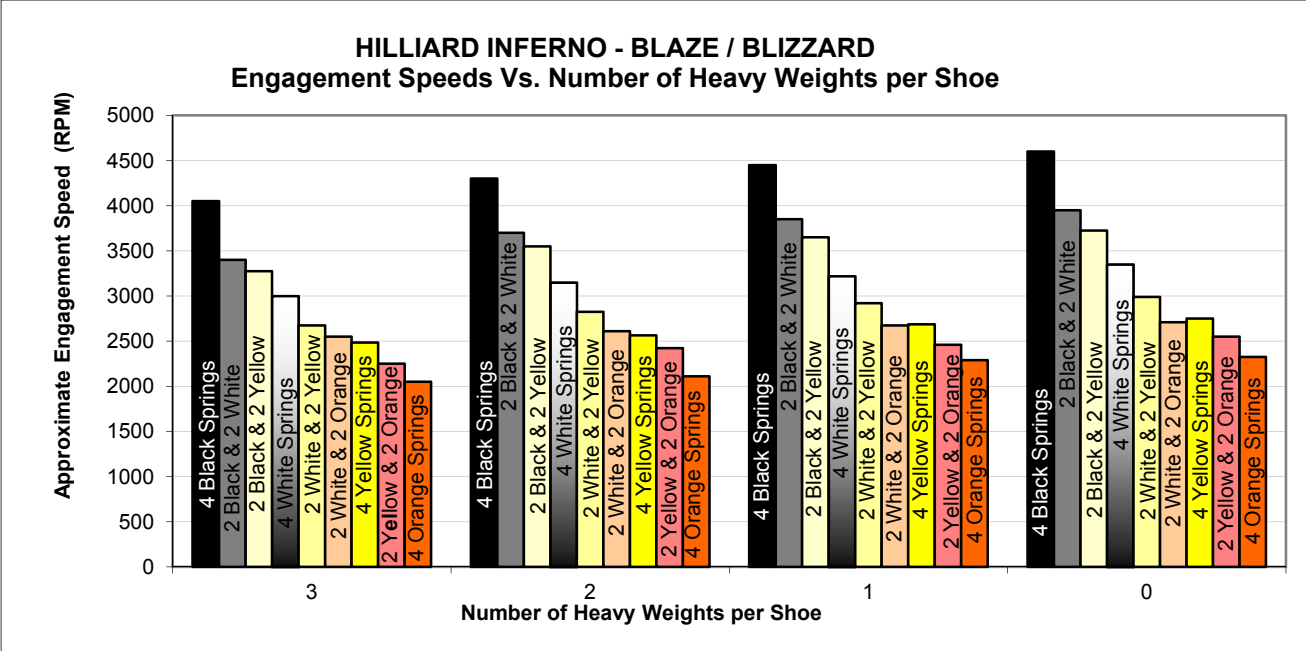
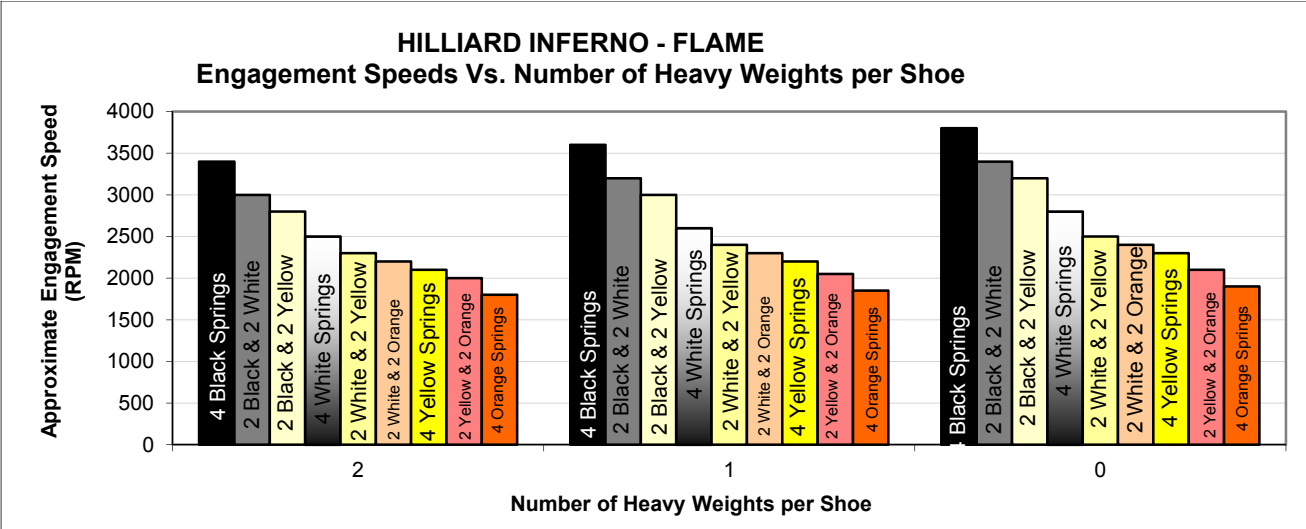
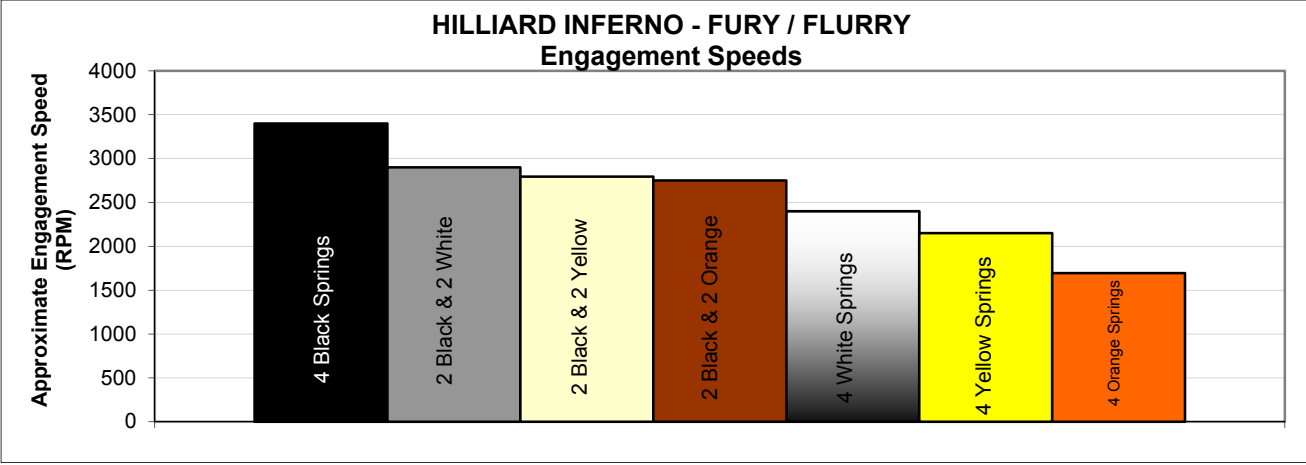
Bully Conversion Kits

Allows racers to use all types of Inferno Clutches with Bully style drivers.



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INFERNO KART RACING CLUTCHES

2012 Suggested Retail Price List

FURY RACING CLUTCH		Suggested Retail Price Without Sprocket
CLUTCH PART NUMBER		
LD4S-FURY		\$59.99
SPROCKET NOT INCLUDED, 3/4" BORE HUB W/COVER, RACING DRUM, 4 BLACK SPRINGS, 4 WHITE SPRINGS, SPROCKET SNAP RING, SHAFT SPACER, AND OIL IMPREGNATED RACING BUSHING		

FLAME RACING CLUTCH		Suggested Retail Price Without Sprocket
CLUTCH PART NUMBER		
LD4S-FLAME		\$74.99
SPROCKET NOT INCLUDED, 3/4" BORE HUB W/COVER, RACING DRUM, 4 BLACK SPRINGS, 4 WHITE SPRINGS, SPROCKET SNAP RING, SHAFT SPACER, AND OIL IMPREGNATED RACING BUSHING		

BLAZE RACING CLUTCH		Suggested Retail Price Without Sprocket
CLUTCH PART NUMBER		
LD4S-BLAZE		\$89.99
SPROCKET NOT INCLUDED, 3/4" BORE HUB W/COVER, RACING DRUM 4 WHITE SPRINGS, 4 YELLOW SPRINGS, 4 ORANGE SPRINGS, 4 LIGHT WEIGHTS, 4 HEAVY WEIGHTS, 24 SNAP RINGS, SPROCKET SNAP RING, SHAFT SPACER, AND OIL IMPREGNATED RACING BUSHING		

INFERNO KART RACING CLUTCH PARTS LIST

PART No.	DESCRIPTION	Suggested Retail Price Each
8444-9U-001	BLAZE SERVICE KIT INCLUDES 4 WHITE, 4 YELLOW, 4 ORANGE SPRINGS, 4 LIGHT WEIGHTS, 4 HEAVY WEIGHTS, 24 SNAP RINGS, BUSHING	\$32.00
8444-9U-002	FURY/FLAME SERVICE KIT INCLUDES 4 WHITE & 4 BLACK SPRINGS, BUSHING	\$20.00
8444-9U-003	BLAZE/FLAME TUNING KIT INCLUDES 4 GREEN, 4 ORANGE, 4 YELLOW, 4 WHITE, 4 BLACK SPRINGS, 8 LIGHT WEIGHTS, 8 HEAVY WEIGHTS, 36 SNAP RINGS	\$60.00
1279-01-033-T	WEIGHT SNAP RING (BLAZE)	\$0.20
8444-22-005	HEAVY WEIGHT (BLAZE)	\$2.50
8444-22-006	LIGHT WEIGHT (BLAZE)	
1279-01-136-T	BOWED SNAP RING (FOR SPROCKET)	\$0.75
8443-35-002-A	RED SPRING	\$2.50
8443-35-003-A	ORANGE SPRING	
8443-35-004-A	YELLOW SPRING	
8443-35-005-A	WHITE SPRING	
8443-35-006-A	BLACK SPRING	
8443-35-009-A	GREEN SPRING	

INFORMATION AND PRICING SUBJECT TO CHANGE WITHOUT NOTICE

11/2011

WWW.INFERNOCLUTCH.COM

INFERNO KART RACING CLUTCHES

CLUTCH PARTS LIST

PART No.	DESCRIPTION	Suggested Retail Price Each
8444-15-002-B	BUSHING 3/4" BORE (OIL IMPREGNATED RACING BUSHING)	\$9.00
8444-22-009	HUB SPACER 3/4" I.D. X 1 1/16 O.D. X .040 THK	\$0.75
8444-9U-024	BULLY CONVERSION KIT INCLUDES SPACER, BEARING RACE, HUB SPACER, STAMPED MACHINED RACING DRUM, & INSTRUCTIONS	\$35.00
8444-9U-026 8444-9U-027	9 TOOTH #35 CHAIN ARENA SPROCKET KIT 10 TOOTH #35 CHAIN ARENA SPROCKET KIT KITS INCLUDE: SPROCKET W/ BEARING, STOP SPACER, SHOULDER BOLT, & INSTRUCTIONS	\$50.00
8444-13-099	INFERNO KART RACING STAMPED HOUSING (STANDARD)	\$25.00
8444-13-166	INFERNO KART RACING STAMPED HOUSING (BULLY)	
8444-13-100	INFERNO SNOW RACING STAMPED HOUSING (NO HOLES)	
8444-14-001	BEARING RACE H.T. (USED IN BULLY CONVERSION KIT)	\$8.50
8443-21-001-A	HUB SPACER - 3/4" X 2 1/4" (USED IN BULLY CONVERSION KIT)	\$1.50
8444-22-011	STOP SPACER FOR 9T & 10 ARENA SPROCKET KITS	\$6.00
8444-23-089	3/4" HEAT TREATED HUB (NEW PRODUCTION INCLUDES GUARD AND RETAINING RING)	\$16.00
8444-31-007-C	FURY RACING SHOE	\$3.50
8444-31-009	BLAZE TUNABLE RACING SHOE	\$5.00
8444-31-017	FLAME TUNABLE RACING SHOE	\$7.50
8444-47-087 8444-47-088	9 TOOTH #35 CHAIN ARENA SPROCKET W/ BEARING 10 TOOTH #35 CHAIN ARENA SPROCKET W/ BEARING REPLACEMENT SPROCKET ONLY. REQUIRES SHOULDER BOLT & STOP SPACER OR PURCHASE 9T OR 10T KIT.	\$40.00
8444-47-058	11 TOOTH #35 CHAIN W/SPECIAL BUSHING & THRUST WASHER	\$40.00
8444-47-045	12 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	\$22.00
8444-47-038	13 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-039	14 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-040	15 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-041	16 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-042	17 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-043	18 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-044	19 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-059	20 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	\$30.00
8444-47-060	21 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-061	22 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-062	23 TOOTH #35 CHAIN (MACHINED STEEL SPROCKET)	\$22.00
8444-47-049	16 TOOTH #219 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-050	17 TOOTH #219 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-051	18 TOOTH #219 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-052	19 TOOTH #219 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-053	20 TOOTH #219 CHAIN (MACHINED STEEL SPROCKET)	
8444-47-054	21 TOOTH #219 CHAIN (MACHINED STEEL SPROCKET)	\$30.00
8444-47-055	22 TOOTH #219 CHAIN (MACHINED STEEL SPROCKET)	
8444-93-001	SHOULDER BOLT FOR 9T & 10 ARENA SPROCKET KITS	\$20.00

INFORMATION AND PRICING SUBJECT TO CHANGE WITHOUT NOTICE

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GEAR RATIO CHART

53	5.89	5.30	4.82	4.42	4.08	3.79	3.53	3.31	3.12	2.94	2.79	2.65	2.52	2.41	2.30
54	6.00	5.40	4.91	4.50	4.15	3.86	3.60	3.38	3.18	3.00	2.84	2.70	2.57	2.45	2.35
55	6.11	5.50	5.00	4.58	4.23	3.93	3.67	3.44	3.24	3.06	2.89	2.75	2.62	2.50	2.39
56	6.22	5.60	5.09	4.67	4.31	4.00	3.73	3.50	3.29	3.11	2.95	2.80	2.67	2.55	2.43
57	6.33	5.70	5.18	4.75	4.38	4.07	3.80	3.56	3.35	3.17	3.00	2.85	2.71	2.59	2.48
58	6.44	5.80	5.27	4.83	4.46	4.14	3.87	3.63	3.41	3.22	3.05	2.90	2.76	2.64	2.52
59	6.56	5.90	5.36	4.92	4.54	4.21	3.93	3.69	3.47	3.28	3.11	2.95	2.81	2.68	2.57
60	6.67	6.00	5.45	5.00	4.62	4.29	4.00	3.75	3.53	3.33	3.16	3.00	2.86	2.73	2.61
61	6.78	6.10	5.55	5.08	4.69	4.36	4.07	3.81	3.59	3.39	3.21	3.05	2.90	2.77	2.65
62	6.89	6.20	5.64	5.17	4.77	4.43	4.13	3.88	3.65	3.44	3.26	3.10	2.95	2.82	2.70
63	7.00	6.30	5.73	5.25	4.85	4.50	4.20	3.94	3.71	3.50	3.32	3.15	3.00	2.86	2.74
64	7.11	6.40	5.82	5.33	4.92	4.57	4.27	4.00	3.76	3.56	3.37	3.20	3.05	2.91	2.78
65	7.22	6.50	5.91	5.42	5.00	4.64	4.33	4.06	3.82	3.61	3.42	3.25	3.10	2.95	2.83
66	7.33	6.60	6.00	5.50	5.08	4.71	4.40	4.13	3.88	3.67	3.47	3.30	3.14	3.00	2.87
67	7.44	6.70	6.09	5.58	5.15	4.79	4.47	4.19	3.94	3.72	3.53	3.35	3.19	3.05	2.91
68	7.56	6.80	6.18	5.67	5.23	4.86	4.53	4.25	4.00	3.78	3.58	3.40	3.24	3.09	2.96
69	7.67	6.90	6.27	5.75	5.31	4.93	4.60	4.31	4.06	3.83	3.63	3.45	3.29	3.14	3.00
70	7.78	7.00	6.36	5.83	5.38	5.00	4.67	4.38	4.12	3.89	3.68	3.50	3.33	3.18	3.04
71	7.89	7.10	6.45	5.92	5.46	5.07	4.73	4.44	4.18	3.94	3.74	3.55	3.38	3.23	3.09
72	8.00	7.20	6.55	6.00	5.54	5.14	4.80	4.50	4.24	4.00	3.79	3.60	3.43	3.27	3.13
73	8.11	7.30	6.64	6.08	5.62	5.21	4.87	4.56	4.29	4.06	3.84	3.65	3.48	3.32	3.17
74	8.22	7.40	6.73	6.17	5.69	5.29	4.93	4.63	4.35	4.11	3.89	3.70	3.52	3.36	3.22
75	8.33	7.50	6.82	6.25	5.77	5.36	5.00	4.69	4.41	4.17	3.95	3.75	3.57	3.41	3.26
76	8.44	7.60	6.91	6.33	5.85	5.43	5.07	4.75	4.47	4.22	4.00	3.80	3.62	3.45	3.30
77	8.56	7.70	7.00	6.42	5.92	5.50	5.13	4.81	4.53	4.28	4.05	3.85	3.67	3.50	3.35
78	8.67	7.80	7.09	6.50	6.00	5.57	5.20	4.88	4.59	4.33	4.11	3.90	3.71	3.55	3.39
79	8.78	7.90	7.18	6.58	6.08	5.64	5.27	4.94	4.65	4.39	4.16	3.95	3.76	3.59	3.43
80	8.89	8.00	7.27	6.67	6.15	5.71	5.33	5.00	4.71	4.44	4.21	4.00	3.81	3.64	3.48

MADE IN THE USA



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WWW.INFERNOCLUTCH.COM



SINCE 1905

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