

# Wheels, wheels, wheels



## **In this chapter you will find:**

Custom Workshop  
HPU  
Roland Stocker  
Technoplus  
DNA Belt Pulleys  
Talon Engineering  
Tyres

**Don't forget, before you design your bike or buy the parts, decide what tyres/wheels you want to use and ensure they are available for you to buy.**



# Custom Workshop

All wheels have German TUV. CWS make the wheels for Formula One teams including Michael Schumacher's Ferrari. All the wheels by CWS are wide wheels for use in wide front ends and as rear wheel fitments.



Ordering Information		
Size	Disc Wheel Machined	Disc Wheel Polished
15 x 4.5	CWS5000	CWS5500
15 x 5	CWS5001	CWS5501
15 x 5.5	CWS5002	CWS5502
15 x 6	CWS5003	CWS5503
15 x 7	CWS5004	CWS5504
15 x 8.5	CWS5005	CWS5505
15 x 9	CWS5006	CWS5506
15 x 10	CWS5007	CWS5507
16 x 3.5	CWS5010	CWS5510
16 x 4.5	CWS5011	CWS5511
16 x 5	CWS5012	CWS5512
16 x 6	CWS5013	CWS5513
16 x 8	CWS5014	CWS5514
16 x 8.5	CWS5015	CWS5515
17 x 3.5	CWS5020	CWS5520
17 x 4.5	CWS5021	CWS5521
17 x 5.5	CWS5022	CWS5522
17 x 6.5	CWS5023	CWS5523
17 x 7	CWS5024	CWS5524
17 x 8	CWS5025	CWS5525

Ordering Information				
Size	Type 'G'	Outlaw	Cobra	Drive
15 x 4.5	CWS6000G	CWS6000O	CWS6000C	CWS6000D
15 x 5	CWS6001G	CWS6001O	CWS6001C	CWS6001D
15 x 5.5	CWS6002G	CWS6002O	CWS6002C	CWS6002D
15 x 6	CWS6003G	CWS6003O	CWS6003C	CWS6003D
15 x 7	CWS6004G	CWS6004O	CWS6004C	CWS6004D
15 x 8.5	CWS6005G	CWS6005O	CWS6005C	CWS6005D
15 x 9	CWS6006G	CWS6006O	CWS6006C	CWS6006D
15 x 10	CWS6007G	CWS6007O	CWS6007C	CWS6007D
16 x 3.5	CWS6010G	CWS6010O	CWS6010C	CWS6010D
16 x 4.5	CWS6011G	CWS6011O	CWS6011C	CWS6011D
16 x 5	CWS6012G	CWS6012O	CWS6012C	CWS6012D
16 x 6	CWS6013G	CWS6013O	CWS6013C	CWS6013D
16 x 8	CWS6014G	CWS6014O	CWS6014C	CWS6014D
16 x 8.5	CWS6015G	CWS6015O	CWS6015C	CWS6015D
17 x 3.5	CWS6020G	CWS6020O	CWS6020C	CWS6020D
17 x 4.5	CWS6021G	CWS6021O	CWS6021C	CWS6021D
17 x 5.5	CWS6022G	CWS6022O	CWS6022C	CWS6022D
17 x 6.5	CWS6023G	CWS6023O	CWS6023C	CWS6023D
17 x 7	CWS6024G	CWS6024O	CWS6024C	CWS6024D
17 x 8	CWS6025G	CWS6025O	CWS6025C	CWS6025D





Blade



Executive



Hurrican

One Piece Forged/CNC Wheels					
Size	Disc	Blade	Executive	Hurrican	Malteser
18x4	CWS6500	CWS6510	CWS6520	CWS6530	CWS6540
18x5	CWS6501	CWS6511	CWS6521	CWS6531	CWS6541
18x6	CWS6502	CWS6512	CWS6522	CWS6532	CWS6542
18x8	CWS6504	CWS6513	CWS6523	CWS6533	CWS6543
18x9	CWS6505	CWS6514	CWS6524	CWS6534	CWS6544
18x10	CWS6506	CWS6515	CWS6525	CWS6535	CWS6545
18x11	CWS6506	CWS6516	CWS6526	CWS6536	CWS6546
18x12	CWS6507	CWS6517	CWS6527	CWS6537	CWS6547



Malteser



**Special order**

Half sizes are same price as next size up  
 Single flange or dual flange  
 Front wheel or rear wheel  
 (Please indicate when ordering)

**Extra-All wheels**

Wheel for 2000up  
 Black Powdercoat Satin Finish  
 Powdercoat Flintstone Finish  
 (Other colours - please ask)

Rear Chain Sprocket	
Part No	Plain
CWS7000	46 teeth
CWS7001	47 teeth
CWS7002	48 teeth
CWS7003	49 teeth
Part No	With Cut Outs
CWS7005	46 teeth
CWS7006	47 teeth
CWS7007	48 teeth
CWS7008	49 teeth

Rear Belt Pulley - wide or narrow	
Part No	Plain
CWS7015	61 teeth
CWS7016	65 teeth
CWS7017	70 teeth
Part No	With Cut Outs
CWS7020	61 teeth
CWS7021	65 teeth
CWS7022	70 teeth



HPU



Stainless Steel Wheels			
Size	40 Spokes	80 Spokes	120 Spokes
4" x 15"	000956		
4.25" x 15"	000952		
5.50" x 15"	000920		
6.00" x 15"	000921		
7.00" x 15"	000961		
8.00" x 15"	000965		
9.00" x 15"	000979		
3.50" x 16"	000927		
4.25" x 16"	000923		
5.50" x 16"	000924		
6.00" x 16"	000999		
7.00" x 16"	000890		
8.00" x 16"	000874		
9.00" x 16"	000832		
3.50" x 17"	000995		
4.25" x 17"	000996		
5.50" x 17"	000997		
6.50" x 17"	000998		
7.00" x 17"	000893		
2.15" x 18"	000928		
3.50" x 18"	000896		
4.25" x 18"	000880		
5.50" x 18"	000831		
6.00" x 18"	000884		
6.50" x 18"	000888		
7.00" x 18"	000872		
8.00" x 18"	000853		
9.00" x 18"	000848		
10.00" x 18"	000838		
11.00" x 18"	000839		
12.00" x 18"	000867		
2.15" x 19"	000925		
1.85" x 21"	000926		
		000953	000860
		000930	000976
		000931	000941
		000962	000971
		000966	000975
		000983	000876
		000937	000862
		000933	000943
		000934	
		000833	000972
		000891	
		000875	
		000841	
		000967	
		000968	
		000947	
		000948	
		000949	
		000938	000861
		000897	
		000881	
		000834	
		000885	
		000889	
		000873	
		000852	
		000849	
		000868	
		000869	
		000867	
		000935	000942
		000936	000970

Hubs - when ordering state:  
 Single flange hub 84-99 FXST  
 Dual flange hub 84-99 FXST  
 Single flange hub 2000up - state model  
 Dual flange hub 2000up - state model  
 Other hubs (please ask)



## Roland Stocker

These wheels are made in Germany and come with TUV approval. Assembled with quality bearings and 15 Titanium bolts these wheels from high grade billet aluminium. Front hubs are also available in original softail size on request. Black powdercoating is also available. When ordering add TC to the part number to indicate the wheels are required for Twin Cam, models. All the wheels by RST are wide wheels for use in wide front ends and as rear wheel fitments. Matching belt pulleys and discs are also available.

Add TC for fitment to Twin Cam models  
If black powdercoating is needed – please ask. Also look at price list.



Propeller



Roadrunner

Aluminium Rear Wheels					
Size	DF or SF	Road Runner	Propeller	5-Spoker	Solid
4"x15"	DF	11-410A	11-410B	11-410C	11-410V
5.5"x15"	DF	11-413A	11-413B	11-413C	11-413V
7"x15"	DF	11-414A	11-414B	11-414C	11-414V
8"x15"	DF	11-415A	11-415B	11-415C	11-415V
9"x15"	DF	11-416A	11-416B	11-416C	11-420V
3.5"x16"	DF	11-406A	11-409B	11-409C	11-409V
5.5"x16"	DF	11-412A	11-412B	11-412C	11-412V
8"x16"	DF	11-421A	11-421B	11-421C	11-421V
5.5"x17"	DF	11-411A	11-411B	11-411C	11-411V
7"x17"	DF	11-416A	11-416B	11-416C	11-416V
5.5"x18"	DF	11-426A	11-426B	11-426C	11-426V
7"x18"	DF	11-428A	11-428B	11-428C	11-428V
8.5"x18"	DF	11-430A	11-430B	11-430C	11-430V
10.0" x 18"	DF	11-431A	11-431B	11-431C	11-431V
10.5" x 18"	DF	11-432A	11-432B	11-432C	11-432V
11.0" x 18"	DF	11-433A	11-433B	11-433C	11-433V

Wheels for even the widest tyres... up to 300 series.

Add TC for fitment to Twin Cam models  
If black powdercoating is needed – please ask.  
If black powder coating is needed – please ask.



5-Spoker



Solid

Aluminium Front Wheels					
Size	DF or SF	Road Runner	Propeller	5-Spoker	Solid
4"x15"	DF	11-407A	11-407B	11-407C	11-407V
4"x15"	SF	11-408A	11-408B	11-408C	11-408V
3.5"x16"	DF	11-405A	11-405B	11-405C	11-405V
3.5"x16"	SF	11-406A	11-406B	11-406C	11-406V
3.5"x17"	DF	11-403A	11-403B	11-403C	11-403V
3.5"x17"	SF	11-404A	11-404B	11-404C	11-404V
3.5"x18"	DF	11-424A	11-424B	11-424C	11-424V
3.5"x18"	SF	11-425A	11-425B	11-425C	11-425V
2.5" x 19"	DF	11-401A	11-401B	11-401C	11-401V
2.5" x 19"	SF	11-402A	11-402B	11-402C	11-402V



Road Runner



5-Spoker



Propeller

Rear Belt Pulleys				
Teeth	Width	Road Runner	Propeller	5-Spoker
61	1-1/8"	14-120A	14-120B	14-120C
65	1-1/8"	14-125A	14-125B	14-125C
70	1-1/8"	14-130A	14-130B	14-130C
61	1-1/2"	14-135A	14-135B	14-135C
65	1-1/2"	14-140A	14-140B	14-140C
70	1-1/2"	14-145A	14-145B	14-145C

Also look at price list.



The Kit



The Kit fitted to a Softail

**RST Pulley/Brake System for Softails®**

System comes with caliper, but without pulley and disc. When ordering you can ensure pulley/disc/wheel are all matching by ordering all these items together. You can of course order it by itself.

- 03-115 Pulleybrake system with caliper(order pulley/disc separately) for 70 tooth pulley/10" disc
- 03-116 Pulleybrake system with caliper(order pulley/disc separately) for 70 tooth pulley/11.5" disc
- 03-117 Pulleybrake system with caliper(order pulley/disc separately) for 65 tooth pulley/10" disc
- 03-118 Pulleybrake system with caliper(order pulley/disc separately) for 65 tooth pulley/11.5" disc

## Technoplus

Technoplus	
	Perforated
21" x 2 1/4" Front single disc hub	T112111
21" x 2 1/4" Front dual disc hub	T122111
19" x 2 1/4" Front single disc hub	T112211
19" x 2 1/4" Front dual disc hub	T122211
16" x 3.5" Front single disc hub	T112311
16" x 3.5" Front dual disc hub	T122311
16" x 3.5" Rear	T132311
16" x 5" Rear	T132411
16" x 6" Rear	T132511
16" x 9" Rear	T132611
EPOXY Black finishing	T922011T

- T 92 20 21 Black wheel rim
- T 10 21 01 Grooved front wheel hub
- T 10 21 02 Grooved rear wheel hub
- T 14 10 11 'Perforated' rear pulleys, narrow and wide
- T 14 10 30 'Perforated' inside - out brake pulley/syst. TP 200/240mm



## DNA Belt Pulleys

### Belt Pulley blanks

These are available in four different sizes to allow you to machine your own design in the centre. Can also be used to modify them for use with the SSC PULLEY BRAKE System. You must have CNC machining facilities to undertake this task.

- DN9004 Pulley Blank, 1.5"/65 teeth, Machined
- DN9005 Pulley Blank, 1.5"/70 teeth, Machined
- DN9006 Pulley Blank, 1.125"/65 teeth, Machined
- DN9007 Pulley Blank, 1.125"/70 teeth, Machined

Made from Billet aluminium and chrome plated, these are top quality performers in every department.

- DN9008 Super Spoke pulley chrome 1.5"/65 teeth
- DN90081 Super Spoke pulley chrome 1.5"/70 teeth
- DN90082 Super Spoke pulley chrome 1.125"/65 teeth
- DN90083 Super Spoke pulley chrome 1.125"/70 teeth



## Talon Engineering

The benefits of these hubs are almost too obvious to mention. They use straight pull spokes making the spokes stronger, less likely to fail and more able to transfer the power delivery to the road without collapsing your wheel in a horrible and painful heap. I don't know why every one is not already using these kind of hubs. They also look different and the quality is great too!

- 00970 Talon Dual Flange Hub - in high quality machined finish
- 00971 Talon Single Flange Hub - in high quality machined finish
- 00972 Talon Dual Flange Hub - Anodised finish



The optimum and maximum rim widths are as recommended by the tyre manufacturers.

Look at the Frame section for pictures of bikes with the fattest tyres.



## Tyres

When you order wheels, order your tyres from us. We can supply any tyre made for any motorcycle. From fat to thin and from small to very large. Don't forget, before you design your bike or buy the parts, decide what tyres you want to use and ensure they are available for you to buy. See the tyre advice section in my 'Custom Bike Parts Checklist' available from us just an email away on arharley@harleycustom.com

Below is a selection of some of the tyres we can supply:

Ordering Information		
Code	Optimum/maximum	Tyre
T250	8.50" /9"	Metzeler 240/40 x 18 ME880 Marathon
T251	10" /10.5"	Metzeler 280/35 x 18 ME880 Marathon
T252	7.5" / 9"	Metzeler 240/50 x 16 ME880 Marathon
T253	6.25"/7.0"	Avon 230/60 x 15 AM21
T254	10.5"/11.0"	Avon 300/40 x 17 AM42
T255	9.0"/9.5"	Avon 250/40 x 18 AM42
T256	10.5"/11.0"	Avon 300/35 x 18 AM42
T257	tba	Vee Rubber 360 x 18 - please ask!

Any other tyre - ask

