

# Walther Engineering and Manufacturing Co., Inc.

## Application Guide for 161 Hub

Easy-Roll Hubs™ for P Straight-Spindle Axles				
Part Number	Application	Standout	Lbs.	Bolts
10-00161-001	Hub Piloted/Aluminum Dual Wheel	3.96"	47	02-00045
10-00161-002	Hub Piloted/Steel Dual Wheel	3.03"	45	02-00044
10-00161-101	ABS Hub Piloted/Aluminum Dual Wheel	3.96"	48	02-00045
10-00161-102	ABS Hub Piloted/Steel Dual Wheel	3.03"	46	02-00044

Easy-Roll Hubs™ for P Straight-Spindle Axles with 16.5 x 7" Cast Drum				
Part Number	Application	Standout	Lbs.	Bolts
1003161-031043*	Hub/Cast Drum Assy,HP,AL Whl	3.54"	156	02-00045
1003161-032043*	Hub/Cast Drum Assy,HP,ST Whl	2.61"	155	02-00044
1003161-131043*	ABS Hub/Cast Drum Assy,HP,AL Whl	3.54"	157	02-00045
1003161-132043*	ABS Hub/Cast Drum Assy,HP,ST Whl	2.61"	156	02-00044

Part Number	Application for Stud Piloted	Standout	Lbs.	Bolts
	Contact us at waltheremc.com			

Part Number	Application for Stud Piloted Centrifuse® Drum	Standout	Lbs.	Bolts
	Contact us at waltheremc.com			

P Bearings		
HM518410	bearing cup - outer bore	
HM518410	bearing cup - inner bore	
HM518445	bearing cone - outer bore	
HM518445	bearing cone - inner bore	

Easy-Roll Hubs™ for P Straight-Spindle Axles with 16.5 x 7" Centrifuse®				
Part Number	Application	Standout	Lbs.	Bolts
1003161-041095*	Hub/Fused Drum Assy,HP,AL Whl	3.71"	138	02-00045
1003161-042095*	Hub/Fused Drum Assy,HP,ST Whl	2.78"	136	02-00044
1003161-141095*	ABS Hub/Fused Drum Assy,HP,AL Whl	3.71"	139	02-00045
1003161-142095*	ABS Hub/Fused Drum Assy,HP,ST Whl	2.78"	137	02-00044

Drums		
03-00043	16.5 x 7" Cast Brake Drum	108 lbs
13-00095	16.5 x 7" Centrifuse® Brake Drum (89996B)	90 lbs
13-00060	16.5 x 8.62" Balanced Brake Drum	122 lbs

Component Parts		
WN333T	Two-piece, Flanged Wheel Nut, M22x1.5	.4 lbs
05-00046	Tone Ring - 100 Teeth, 6.77 Dia. Pitch Circle	.9 lbs

Hub Dynamic Load Ratings		
Single Wheel Offset	Load/Hub	
0	12,500 lbs	
0.56"	12,043 lbs	
2.00"	11,000 lbs	
2.38"	10,765 lbs	
2.75"	10,538 lbs	
3.50"	10,105 lbs	
3.88"	9,899 lbs	
6.66"	7,300 lbs	

Estimated Lubricant Fill Volumes**	
30.8 fl-oz	Oil Lubrication Fill Level
129.3 in <sup>3</sup>	Vol. Between Cup Seats Including Spindle Displacement
35.8 fl-oz	50% Fill Level for Semi-Fluid, Including Spindle Displacement

\*\* Actual lubricant volume should be adjusted for specific components used. See TMC RP 631C

Centrifuse® is a registered trademark for Motor Wheel® a Hendrickson brand  
 \* Includes two flanged wheel nuts

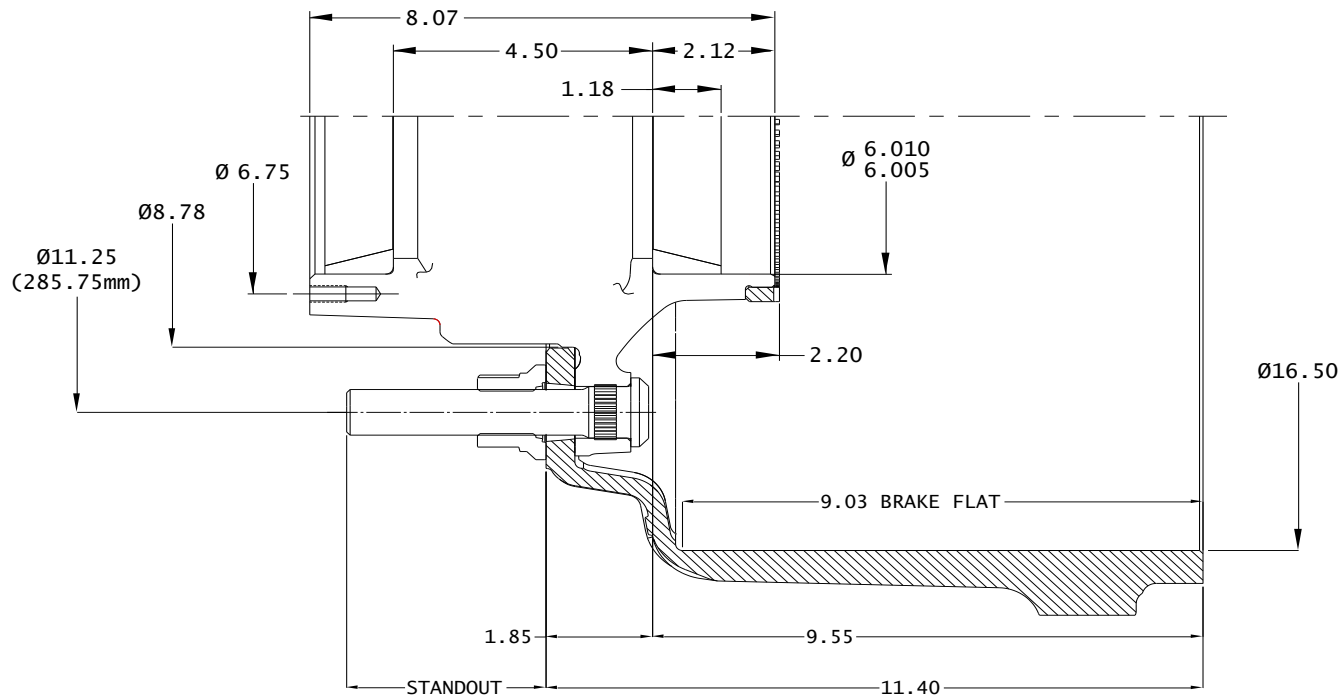
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## Application Guide for 161 Hub

### Easy Roll™ Hubs for P Straight-Spindle Axles with 16.5 x 8.62" Cast Brake Drum

Part Number	Application	Standout	Lbs.	Bolts
1003161-021060*	Hub/Bal Drum Assy,HP,AL Whl	3.46"	169	02-00045
1003161-022060*	Hub/Bal Drum Assy,HP,ST Whl	2.53"	167	02-00044
1003161-121060*	ABS Hub/Bal Drum Assy,HP,Al Whl	3.46"	170	02-00045
1003161-122060*	ABS Hub/Bal Drum Assy,HP,St Whl	2.53"	168	02-00044

Part Number	Application For Stud Piloted	Standout	Lbs.	Bolts
Contact us at <a href="http://waltheremc.com">waltheremc.com</a>				



\* Includes two flanged wheel nuts