

AVANT SERIES

SMOOTH • QUIET • CLEAN



QUIET • CLEAN • SMOOTH

ULTRA QUIET

Precision ball bearing swivel and wheel **provide quieter mobility** than competitors' double ball bearing raceway design

ERGONOMIC PERFORMANCE

Make movement easier + improve **user satisfaction and safety** with Avant's *QuikStart* wheels

CLEAN + NO MAINTENANCE

Sealed bearings, non-marking wheels, and integrated thread guards **keep out dirt and entangling debris**



Explore Avant Online

rhombus-castors.com/avant

for details, quote requests, and to download Datasheets

Features & Specifications

- Body constructed of glass filled nylon for high load ratings, durability, and long life
- QuikStart wheel (**TPE tyre Shore A70**) is quiet, non-marking and maintains smooth rolling even after brake has been applied for long periods of time
- Standard colors: **RAL 7001** (body) and **RAL 7011** (tread and thread guards)
- **Custom colors** available by special order
- Optional stainless steel, antimicrobial, and conductive models available by special order (minimums may apply)



RHOMBUS	
Swivel castor with total brake mounted behind: AV05GRP125LTP01 (AVANT)	
	Technical data
Material	66 PA66
Wheel diameter	125 mm
Wheel width	50 mm
Wheel height	50 mm
Wheel weight	0.12 kg
Top plate thickness	1.5 mm
Top plate hole diameter	12.5 mm
Top plate hole distance	12.5 mm
Load capacity	100 kg
Swivel capacity	360°
Technical description	Areas of application
Medical equipment Food processing Pharmaceuticals Laboratory equipment Industrial equipment	Medical equipment Food processing Pharmaceuticals Laboratory equipment Industrial equipment
Wheel	
Material: TPE (Shore A70)	
Color: RAL 7011	
Minimum order quantity: 1000 pieces	
Lead time: 4 weeks	
For more information, please contact your local Rhombus representative.	



5" (125mm) version now available.



The rest of the Avant family launching 2018

SEE OTHER SIDE FOR MORE INFO →

TOP PLATE MODELS

AVANT



WHEEL DIAMETER	TREAD WIDTH	LOAD CAPACITY	OVERALL HEIGHT	SWIVEL RADIUS	MODEL NUMBER (INSERT FITTING CODE)	FITTING OPTIONS
125mm (5")	32mm (1 1/4")	120kg (264lbs)	169.5mm (6 11/16")	102.5mm (4 1/16")	AV05QRP125SW _____	Top Plate: TP01, TP11, TP13 (Plate size, hole distance & hole diameter below)
125mm (5")	32mm (1 1/4")	120kg (264lbs)	169.5mm (6 11/16")	102.5mm (4 1/16")	AV05QRP125TL _____	Top Plate: TP01, TP11, TP13 (Plate size, hole distance & hole diameter below)  TP01 features grey brake pedal  TP11 and TP13 features red brake pedal
125mm (5")	32mm (1 1/4")	120kg (264lbs)	169.5mm (6 11/16")	102.5mm (4 1/16")	AV05QRP125DL _____	Top Plate: TP01, TP11, TP13 (Plate size, hole distance & hole diameter below)

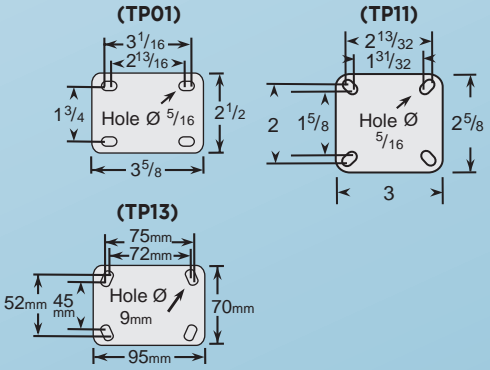
BOLT HOLE & STEM MODELS



WHEEL DIAMETER	TREAD WIDTH	LOAD CAPACITY	OVERALL HEIGHT	SWIVEL RADIUS	MODEL NUMBER (INSERT FITTING CODE)	FITTING OPTIONS
125mm (5")	32mm (1 1/4")	120kg (264lbs)	162mm (6 3/8") Grip Ring: 165mm (6 1/2")	102.5mm (4 1/16")	AV05QRP125SW _____	Bolt holes: HK01 (13mm), HK04 (11mm) Round Stems: RS01, RS02, RS03 Square Stems: SQ01, SQ02 Grip Ring Stems: GR02, GR06, GR09
125mm (5")	32mm (1 1/4")	120kg (264lbs)	162mm (6 3/8") Grip Ring: 165mm (6 1/2")	102.5mm (4 1/16")	AV05QRP125TL _____	Threaded Stems: TS02, TS03, TS04, TS05, TS06, TS07, TS21, TS22 Expanding Adapter Stems: XRN1, XRN2, XRN3, XRN4, XRR1, XRR2, XRR3, XRR4, XRR5, XRR6, XRR7, XZR1
125mm (5")	32mm (1 1/4")	120kg (264lbs)	162mm (6 3/8") Grip Ring: 165mm (6 1/2")	102.5mm (4 1/16")	AV05QRP125DL _____	Bolt holes: HK01 (13mm), HK04 (11mm) Round Stems: RS01, RS02, RS03 Square Stems: SQ01, SQ02

FITTING OPTIONS

Plates



Round, Square and Grip Ring Stems



(RS)	(SQ)	(GR)
RS01	22mm x 45mm	
RS02	25.4mm x 45mm	
RS03	27.8mm x 45mm	
SQ01	3/4" x 2" (no holes)	
SQ02	1" x 1.75" (3 holes)	
GR02	7/16" x 1-7/16"	
GR06	7/8" x 2"	
GR09	.845" x 2-3/16"	

Threaded Stems



(TS)	
TS02	1/2"-13NC x 1"
TS03	1/2"-13NC x 1-1/2"
TS04	1/2"-13NC x 2"
TS05	7/16"-14NC x 1-3/4"
TS06	3/8"-16NC x 1"
TS07	M12 x 1"
TS21	M12 x 60mm
TS22	1/2"-13NC x 2-11/16"

Expanding Adapter Stems



(XRN)	(XRR)	(XZR)
XRN1	3/4" x 2-1/4"	
XRN2	13/16" x 2-1/4"	
XRN3	7/8" x 2-1/4"	
XRN4	1" x 2-1/4"	
XRR1	3/4" x 2-1/4"	
XRR2	7/8" x 2-1/4"	
XRR3	1" x 2-1/4"	
XRR4	1-1/8" x 2-1/4"	
XRR5	1-1/4" x 2-1/4"	
XRR6	1-3/8" x 2-1/4"	
XRR7	1-1/2" x 2-1/4"	
XZR1	21/32" x 2-1/4"	

Please contact factory for details

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THE GLOBAL LEADER
IN CASTERS AND WHEELS

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