

SUUNTO MECHANICALS COMPARISON CHARTS 2021

A photograph of three hikers standing on a rocky mountain peak at sunset or sunrise. The sky is a mix of blue and orange, and the hikers are silhouetted against the light. The foreground shows some dry, scrubby vegetation.

Henrik Palin
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SUUNTO COMPASSES

Since 1936, Suunto has been equipping outdoor enthusiasts and professionals with precision-engineered mechanical compasses. Whatever the conditions, Suunto compasses point the way, no battery required.

Outstanding quality is the hallmark of a Suunto compass. Manufactured in Finland, every Suunto compass is rock solid and straightforward. Designed for speed, accuracy and dependability, a Suunto compass is born out of a deep understanding of users and a shared passion for adventure.



SUUNTO COMPASSES RANGE

OUTDOOR BASEPLATE COMPASSES

A reliable compass is essential for navigating and surviving in extreme conditions. These hardy baseplate compasses are ready for the challenge.



A-10



A-30



M-3



M-3 GLOBAL

BASEPLATE COMPASSES

SPORTS ORIENTEERING COMPASSES

Stable, clear and quick. These compasses are made for fast competitive orienteering.



AIM-6



AIM-30

MIRROR SIGHTING COMPASSES

When venturing out into new territory, these sighting compasses offer precision navigation with a variety of carefully engineered and dependable features for challenging conditions.

MIRROR SIGHTING COMPASSES

SWISS ARMY STYLE COMPASSES

Originally developed for the Swiss Army, this compass features an exceptionally rugged protective housing and clever features for navigating at high elevation.



MCB



MC-2



MC-2 GLOBAL



MB-6



MB-6G

ATTACHABLE COMPASSES

Suunto attachable compasses are particularly handy, when both hands are needed to get past the next challenge.

PRECISION INSTRUMENTS

Rugged and reliable, Suunto professional instruments meet exceptionally high quality standards for demanding jobs.



CLIPPER



M-9



KB-20



KB-14



TANDEM



PM-5 (clinometer)

**BASEPLATE
COMPASSES**

	A-10 NH SS02137000	A-10 SH SS012055014	A-30 NH METRIC SS012095013	A-30 SH METRIC SS012095014	A-30 NH USGS SS012100013	M-3 NH SS021369000	M-3 G SS021370000	AIM-6 NH SS022860000	AIM-30 NH SS022862000
									
	Recreational step in compasses Friendly appeal and basic features.		Advanced compasses Map navigation and working in low light conditions.			Adventurer compasses Navigation where fatigue and conditions add an extra challenge.		Sports orienteering compasses Speed and versatility in competitive orienteering	
Luminescent markings	-		needle, orienting indicator, direction of travel, protractor and index			needle, orienting indicator, direction of travel, protractor and index		-	-
Compass balanced for	Northern hemisphere	Southern hemisphere	Northern hemisphere	Northern hemisphere	Northern hemisphere	Northern hemisphere	Global	Northern hemisphere	Northern hemisphere
Declination correction	Fixed		Fixed			Adjustable		-	-
Sighting tools	-		-			-		-	-
Clinometer	-		-			-	Yes	-	-
Magnifying lens	-		Yes			Yes		As accessory	Yes
Rulers and map Scales	cm, inch, map distance helpers		cm, 1:25 000 km 1:50 000 km Roamer		inch 1:24 000 mi 1:50 000 mi	cm, inch, 1:20 000 km 1:25 000 km 1:50 000 km 1:24 000 mi 1:50 000 mi	cm, inch, 1:24 000 mi 1:24 000 UTM Roamer 1:25 000 UTM Roamer 1:50 000 UTM Roamer	-	-
Non-skid footpads	-		-			Yes		-	-
Attach with	Detachable reflective lanyard		Detachable reflective lanyard			Detachable reflective lanyard with wrist lock		Thumb strap	Lanyard with wrist lock
Other info							Very stable needle	Fast and stable needle, orienteering sectors	Fast and stable needle, orienteering sectors
NSN Code	6605-20-003-4094 6605-66-155-3798				6605-01-549-4770				

	MCB NH	MC-2 NH	MC-2 NH USGS	NH-2 G	MC-2 G USGS	MB-6 NH	MB-6 G	KB-20 /360R G
	SS012277013	SS004231001	SS004239001	SS004252010	SS014891000	SS010605011	SS014889000	SS020419000
SIGHTING COMPASSES								
	Recreational step in compasses	Adventurer compasses Navigation where fatigue and conditions add an extra challenge		Dedicated adventurer compasses Superb performance in all situations the adventurer encounters		Adventurer compasses	Dedicated adventurer compasses	Sighting compass for water sports
Luminescent markings	-	needle, orienting indicator, protractor and indexes, details along centerline		needle, orienting indicator, protractor and indexes, details along centerline		needle, orienting indicators, index, points of the open sight		-
Compass balanced for	Northern hemisphere	Northern hemisphere		Global		Northern hemisphere	Global	Global
Declination correction	Fixed	Adjustable		Adjustable		Adjustable		-
Sighting tools	Mirror with hole and notch	Mirror with hole and notch		Mirror with hole and notch		Mirror and open sight		Lensatic
Clinometer	-	Yes		Yes		Yes		-
Magnifying lens	-	Yes		Yes		-		-
Rulers and map Scales	cm, inch	cm, inch, 1:25 000 UTM Roamer 1:50 000 UTM Roamer Slope rulers	inch, 1:24 000 mi 1:24 000 UTM Roamer 1:50 000 UTM Roamer Slope rulers	cm, inch, 1:25 000 UTM Roamer 1:50 000 UTM Roamer Slope rulers	inch, 1:24 000 mi 1:24 000 UTM Roamer 1:50 000 UTM Roamer Slope rulers	cm	cm	-
Non-skid footpads	-	Yes		Yes		-		-
Attach with	Detachable reflective lanyard	Detachable reflective lanyard with wrist lock		Detachable reflective lanyard with wrist lock		Fixed lanyard		Fixed lanyard
Other info	Includes whistle. Compass floats in water			Very stable needle		Rugged protective housing		Compass floats in water
NSN Code		6605-01-546-9495 (nylon pocket separately)	6605-01-546-9503	6605-25-149-1938				6605-14-446-9110

ATTACHABLE COMPASSES

Clipper NH	Clipper SH	M-9 NH
SS004102011	SS004102012	SS004403001
		

Navigation at a glance, hands free

Luminescent markings	Markings on card		Card
Compass balanced for	Northern Hemisphere	Southern Hemisphere	Northern Hemisphere
Declination correction	-		-
Sighting tools	-		Open sight with index in sighting window
Clinometer	-		-
Magnifying lens	-		-
Rulers and map Scales	-		-
Non-skid footpads	-		-
Attach with	Built in clip that attaches to sleeve, edge of map, or straps		Strap with hook-and-loop closure
Other info			
NSN Code	6605-58-000-1592		6605-01-543-8145 6605-58-000-0975

SUUNTO COMPASS ACCESSORIES

Suunto AIM Magnifier SS022861000	
Suunto Control Marker SS004986000	
Suunto Instruction compass SS004955000	
Suunto instruction kit Suitcase with instruction compass and 30 A-10 compasses SS011360001	
Suunto Nylon Pouch SS018267000	
Rubber Cover for Suunto KB-14 and PM-5 SS018266000	

PRECISION INSTRUMENTS	KB-20 /360R G	KB-14 /360R G	KB-14 /360Q G	KB-14 /400 G	Tandem /360 PC /360R G	PM-5 /360 PC	PM-5 /SPC	PM-5 /1520	PM-5 /1520 PC	PM-5 /66 PC
	SS020419000	SS020417000	SS020887000	SS023255000	SS020420000	SS011096010	SS011099010	SS011100010	SS011102010	SS011104010
LENSATIC COMPASSES AND CLINOMETERS										
Compass	Yes	Yes	Yes	Yes	Yes	-	-	-	-	-
Balancing of compass card	Global	Global	Global	Global	Global					
Direction scale(s)	Bearing °, Reciprocal °	Bearing °, Reciprocal °	Quadrant °	Gon	Bearing °, Reciprocal °					
Direction resolution	1 °	1/2 °	1/2 °	0,4 °	1/2 °					
Direction accuracy	1/2 °	1/3 °	1/3 °	1 °	1/3 °					
Clinometer	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes
Inclination scales					Inclination ±90°, slope ±150%	Inclination ±90°, slope ±150%	1 - 5 secant, slope ±150%	15m hypsometer; ±35m, 20m hypsometer; ±50m,	15m hypsometer; ±35m, 20m hypsometer; ±50m, slope ±150%	66' hypsometer; ±200', slope ±150%
Inclination resolution					1 ° 1 - 2%	1 ° 1 - 2%	0.5 - 1 secant, 1 - 2%	15m; 1/4 - 1/2m 20m; 1/4 - 1m	15m; 1/4 - 1/2m 20m; 1/4 - 1m 1 - 2%	66'; 1 - 5' 1 - 2%
Inclination accuracy					1/4 °	1/4 °	1/4 °	Height ±2%	Clino 1/4 °, Height ±2%	Clino 1/4 °, Height ±2%
Threads for tripod mounting	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Other	Floats in water	Aluminum housing	Aluminum housing	Aluminum housing	Aluminum housing	Aluminum housing	Aluminum housing	Aluminum housing	Aluminum housing	Aluminum housing
NSN Code	6605-14-446-9110	6605-58-000-2351 6675-66-086-2873 6605-14-527-7556			6605-01-583-7509 6695-58-000-2303 6695-58-000-8724	6675-17-054-1961 6675-21-905-6892		6675-21-908-5746		

LEAF

	A-30 6400/360 NH METRIC	MC-2/G/6400	MC-2 G 6400/360	MC-2 G 6400/360 MGRS	MC-2 NH 6400 MGRS	MC-2 NH 360 MGRS	MB-6 NH 6400	MB-6 G 6400	KB-14/6400 G
	SS023318000	SS016326000	SS050629000	SS021869000	SS022566000	SS022567000	SS021185000	SS021184000	SS023256000
									
Luminescent markings	needle, orienting indicator, direction of travel	needle, orienting indicator, protractor and indexes, details along centerline			needle, orienting indicator, details along centerline		needle, orienting indicators, index, points of the open sight		-
Compass balanced for	Northern hemisphere	Global	Global	Global	Northern hemisphere	Northern hemisphere	Northern hemisphere	Global	Global
Direction scale(s) / resolution	360°, 6400' / 2°, 100'	6400' / 50'	360°, 6400' / 2°, 50'	360°, 6400' / 2°, 50'	6400' / 50'	360° / 2°	6400' / 50'		6400' / 10'
Declination correction	-	Adjustable					Adjustable		-
Sighting tools	-	Mirror with hole and notch					Mirror and open sight		-
Clinometer	-	Yes		-			Yes		-
Magnifying lens	-	Yes					-		-
Rulers and map Scales	cm, 1:25 000 km 1:50 000 km Roamer	cm, inch, 1:25 000 UTM Roamer 1:50 000 UTM Roamer Slope rulers	cm, inch, 1:25 000 UTM Roamer 1:50 000 UTM Roamer Slope rulers	1:25 000 UTM Roamer 1:50 000 UTM Roamer	1:25 000 UTM Roamer 1:50 000 UTM Roamer	1:25 000 UTM Roamer 1:50 000 UTM Roamer	cm		-
Non-skid footpads	-	Yes					-		-
Attach with	Black lanyard	Detachable black lanyard with wrist lock				Detachable reflective lanyard with wrist lock	Black lanyard		Black lanyard
Other info				Back baseplate prints	Back baseplate prints	Back baseplate prints			Thread for mounting on tripod
NSN Code	6605-58-001-3374	6695-58-000-8341	6605-17-110-8584						



Note that several compass items are available with Berry amendment compliant cord under separate item number.

The Suunto logo consists of a small red triangle pointing upwards, positioned above the word "SUUNTO" in a bold, black, sans-serif typeface.

SUUNTO