

Road/Gravel cassette compatibility							
Date: 15/01/2025							
Brand	Model	Gears	Type	Cage type	Cassette type***	Chain type	Compatibility Cassette - Rear Derailleur
Shimano	105	11-Speed	mech	Short cage (SS) max. 30T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	105	11-Speed	mech	Long cage (GS) max. 34T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	Ultegra	11-Speed	mech / elec	Short cage (SS) max. 30T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	Ultegra	11-Speed	mech / elec	Long cage (GS) max. 34T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	Ultegra RX	11-Speed	mech / elec	Long cage (GS) max. 34T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	Dura-Ace	11-Speed	mech / elec	Short cage (SS) max. 30T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	GRX	11-Speed	mech (RD-810)	max. 34T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	GRX	11-Speed	mech (RD-812)	max. 42T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	GRX	11-Speed	elec (RD-815)	max. 34T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	GRX	11-Speed	elec (RD-817)	max. 42T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	Shimano 11sp. / KMC 11sp.	Recommended
Shimano	105	12-Speed	elec	max. 36T	11-34T (C12-1134-D00-Cxx) Unengraved cassettes are not compatible	1. Flattop 2. Shimano 11sp. 3. KMC 11s sp	Recommended
Shimano	Ultegra	12-Speed	elec	max. 34T	11-28T (C12-1128-A00-A00) 11-30T (C12-1130-A00-C00) Unengraved cassettes are not compatible	1. Flattop 2. Shimano 11sp. 3. KMC 11s sp. 4. Shimano 12sp.	Recommended

Shimano	Ultegra	12-Speed	elec	max. 34T	11-32T (C12-1132-D00-Bxx) 11-34T (C12-1134-D00-Cxx) Unengraved cassettes are not compatible	1. Flattop 2. Shimano 11sp. 3. KMC 11s sp	Recommended
Shimano	Dura-Ace	12-Speed	elec	max. 34T	11-28T (C12-1128-A00-A00) 11-30T (C12-1130-A00-C00) Unengraved cassettes are not compatible	1. Flattop 2. Shimano 11sp. 3. KMC 11s sp. 4. Shimano 12sp.	Recommended
Shimano	Dura-Ace	12-Speed	elec	max. 34T	11-32T (C12-1132-D00-Bxx) 11-34T (C12-1134-D00-Cxx) Unengraved cassettes are not compatible	1. Flattop 2. Shimano 11sp. 3. KMC 11s sp	Recommended
Shimano	GRX	12-Speed	elec	max. 36T	11-34T (C12-1134-D00-Cxx) Unengraved cassettes are not compatible	1. Flattop 2. Shimano 11sp. 3. KMC 11s sp. 4. Shimano 12sp.	Recommended
Shimano	GRX	12-Speed	mech	max. 36T	11-34T (C12-1134-D00-Cxx)	1. Shimano 12sp. 2. KMC 12sp. 3. Flattop	Not recommended
Shimano	GRX	12-Speed	elec	max. 51T	11-40T (C12-1140-DE0-Axx) 10-40T (C12-1040-D00-Axx)	1. Shimano 12sp. 2. KMC 12sp. 3. Flattop	Not recommended
Shimano	GRX	12-Speed	mech	max. 45T	11-40T (C12-1140-DE0-Axx)	1. Shimano 12sp. 2. KMC 12sp. 3. Flattop	Not recommended
Shimano	GRX	12-Speed	mech	max. 51T	11-40T (C12-1140-DE0-Axx)	1. Shimano 12sp. 2. KMC 12sp. 3. Flattop	Not recommended
Shimano	XTR	12-Speed	elec	max. 45T	11-40T (C12-1140-DE0-Axx) 10-40T (C12-1040-D00-Axx)	1. Shimano 12sp. 2. KMC 12sp. 3. Flattop	Not recommended
Shimano	XTR	12-Speed	elec	max. 51T	11-40T (C12-1140-DE0-Axx) 10-40T (C12-1040-D00-Axx)	1. Shimano 12sp. 2. KMC 12sp. 3. Flattop	Not recommended
SRAM	Rival 1	11-Speed	mech	max. 36T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	SRAM 11sp. / KMC 11sp.	Recommended
SRAM	Apex 1	11-Speed	mech	max. 36T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	SRAM 11sp. / KMC 11sp.	Recommended
SRAM	Force 1	11-Speed	mech	max. 36T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx) 11-34T (C11-1134-A00-Axx)	SRAM 11sp. / KMC 11sp.	Recommended
SRAM	RED eTap A2	11-Speed	elec	max. 33T	11-27T (C11-1127-A00-Axx) 11-30T (C11-1130-A00-Axx) 11-32T (C11-1132-A00-Axx)	SRAM 11sp. / KMC 11sp.	Recommended

SRAM	Rival eTap AXS	12-Speed	elec	max. 36T	11-28T (C12-1128-A00-Axx) 11-30T (C12-1130-A00-Cxx) 11-32T (C12-1132-D00-Bxx) 11-34T (C12-1134-D00-Cxx) All unengraved Classified 12-speed cassettes up to size 11-34 10-36T (C12-1036-D00-Axx)	SRAM Flattop	Recommended
SRAM	Rival XPLR eTap AXS	12-Speed	elec	max. 44T	11-40T (C12-1140-DE0-Axx) 10-36T (C12-1036-D00-Axx) 10-40T (C12-1040-D00-Axx) *****	SRAM Flattop	Recommended
SRAM	Force eTap AXS	12-Speed	elec	max. 33T	11-28T (C12-1128-A00-Axx) 11-30T (C12-1130-A00-Cxx) 11-32T (C12-1132-D00-Bxx) All unengraved Classified 12-speed cassettes up to size 11-32	SRAM Flattop	Recommended
SRAM	Force eTap AXS, Force AXS	12-Speed	elec	max. 36T	11-28T (C12-1128-A00-Axx) 11-30T (C12-1130-A00-Cxx) 11-32T (C12-1132-D00-Bxx) 11-34T (C12-1134-D00-Cxx) All unengraved Classified 12-speed cassettes up to size 11-34 10-36T (C12-1036-D00-Axx) *****	SRAM Flattop	Recommended
SRAM	Force XPLR eTap AXS, Force XPLR AXS	12-Speed	elec	max. 44T	11-40T (C12-1140-DE0-Axx) 10-36T (C12-1036-D00-Axx) 10-40T (C12-1040-D00-Axx) *****	SRAM Flattop	Recommended
SRAM	RED eTap AXS	12-Speed	elec	max. 33T	11-28T (C12-1128-A00-Axx) 11-30T (C12-1130-A00-Cxx) 11-32T (C12-1132-D00-Bxx) All unengraved Classified 12-speed cassettes up to size 11-32	SRAM Flattop	Recommended
SRAM	RED eTap AXS, RED AXS	12-Speed	elec	max. 36T	11-28T (C12-1128-A00-Axx) 11-30T (C12-1130-A00-Cxx) 11-32T (C12-1132-D00-Bxx) 11-34T (C12-1134-D00-Cxx) All unengraved Classified 12-speed cassettes up to size 11-34 10-36T (C12-1036-D00-Axx) *****	SRAM Flattop	Recommended
SRAM	RED XPLR eTap AXS	12-Speed	elec	max. 44T	11-40T (C12-1140-DE0-Axx) 10-36T (C12-1036-D00-Axx) 10-40T (C12-1040-D00-Axx) *****	SRAM Flattop	Recommended

SRAM	Red XPLR AXS	13-speed	elec	max. 46T	10-40T (C13-1040-F00-Axx) ****	SRAM Flattop	Recommended
Campagnolo	Ekar	13-Speed	mech	max. 44T	11-36T (C13-1136-C00-Axx)	Campagnolo Ekar chain	Recommended
Campagnolo	Super Record EPS	12-Speed	elec	max. 32T	-	Not tested	
Campagnolo	Super Record	12-Speed	mech	max. 34T	-		
Campagnolo	Chorus	12-Speed	mech	max. 34T	-		

*Chainguide advised on all setups

** All combinations mentioned in this chart are possible. The recommended cassette and derailleur compatibility is based on shift performance of the respective combinations:

- Recommended: best shift performance with this set-up.
- Not recommended: shift quality can be compromised depending on the use or user.

*** An article number looks like 11-34T (C12-1134-D00-Cxx). The last two characters are usually numbers.

**** For the cassettes that start with 10T on the smallest sprocket, you need a CD27 Powershift hub [HUB-C142-D27-A-00]