

Using Grip Core Sizes & Shaft Butt Diameters To Determine The Number Of Tape Layers Or Stretching Required For A Desired Grip Size Fig. 7-27

NOTE:

1. For this chart to work you must know the grip core size and the shaft butt size you will be using. All grip sizes are measured at 2" down from the grip cap.

7. The shaft butt diameters listed assume that a particular shaft has a shaft butt parallel section (the same diameter for at least 8"). Use the Shaft Butt Size Gauge or a Vernier Caliper to always check this. Some shafts today have a constant taper from the shaft butt thus having no parallel section. This chart will not work for those shafts. They are mainly .625" and .640" butt diameter graphite shafts from Aldila .

3. The grip manufacturer allows for the diameter of 1 piece of double coated grip tape when referencing their grip mandrel size. For example; a .600 core grip size being installed on a .600" diameter shaft butt will install to a standard size grip which includes 1 layer of double sided grip tape. For those interested, a piece of double-coated grip tape wrapped around a golf shaft increases the shaft butt diameter by .014".

4. The chart above provides the number of tape layers required to get the desired grip size. The tape referred to here is 2" wide single-coated masking tape and not 2" wide double-coated grip tape. Each layer of the 2" wide single-coated masking tape will increase the grip diameter by .010". The tape itself is .005" thick and you simply double this to get the .010" increase in shaft butt diameter because the tape is wrapped completely around the shaft. After all the required layers of single-coated masking tape are applied, then the last layer of double-coated tape is applied. Do not build-up grip size with the double-coated tape as it is more expensive than masking tape and it is also thicker (.014" vs. .010").

5. Stretching a grip down the shaft during installation will reduce the grips diameter, but it must be properly done. The entire grip needs to be evenly stretched down the shaft. This requires working it down from the top of the grip to the bottom. Approximately a 3/4" stretch is required to reduce the grip diameter by .015". A 1/2" stretch will reduce the grip diameter by approximately .010" in diameter. After stretching it down, place a piece of tape around the mouth of the grip and onto the shaft to hold it in place until the double-coated tape sets up. I prefer at least 6 hours before removing the tape to be completely safe.

6. The "OK as is" shaded boxes indicate the grip size that will occur when the grip is installed with only the required single layer of double-coated tape. Note here that some installers have put grips on with a blown air method which eliminates the layer of double-coated tape. These grips will install 1/64" more undersize than if tape were used. This is not a recommended installation method because I have seen these grips slip on the shaft.

7. The "No" in the chart boxes means that it is not recommended to try and get this grip size with this grip core and shaft butt size.

8. Some synthetic material grips will not stretch down the shaft enough to reduce their diameters.

Information Required		MEN'S DESIRED GRIP SIZE @2" DOWN FROM TOP OF THE GRIP							
Grip Core Size	Shaft Butt Dia.	-1/64" Under (.885")	Standard Size (.900")	+1/64" Over (.915")	+1/32" Over (.930")	+3/64" Over (.945")	+1/16" Over (.960")	+3/32" Over (.990")	+1/8" Over (1.020")
M58	.580"	Stretch Down 3/4"	O.K. As Is	+1 Layer	+3 Layers	+4 Layers	+6 Layers	+9 Layers	+12 Layers
M58	.600"	No	Stretch Down 3/4"	Ok As Is	+1 Layer	+2 Layers	+4 Layers	+7 Layers	+10 Layers
M58	.610"	No	No	Stretch Down 3/4"	Ok As Is	+1 Layer	+3 Layers	+6 Layers	+9 Layers
M58	.625"	No	No	No	Stretch Down 3/4"	Ok As Is	+2 Layers	+5 Layers	+8 Layers
M60	.580"	O.K. As Is	+2 Layers	+3 Layers	+5 Layers	+6 Layers	+8 Layers	+11 Layers	+14 Layers
M60	.600"	Stretch Down 3/4"	Ok As Is	+2 Layers	+3 Layers	+4 Layers	+6 Layers	+9 Layers	+12 Layers
M60	.610"	No	Stretch Down 1/2"	Ok As Is	+2 Layers	+3 Layers	+5 Layers	+8 Layers	+11 Layers
M60	.625"	No	No	Stretch Down 1/2"	Ok As Is	+2 Layers	+3 Layers	+6 Layers	+10 Layers

Information Required		WOMEN'S DESIRED GRIP SIZE @2" DOWN FROM TOP OF THE GRIP							
Grip Core Size	Shaft Butt Dia.	-1/64" Under (.835")	Standard Size (.850")	+1/64" Over (.865")	+1/32" Over (.880")	+3/64" Over (.895")	+1/16" Over (.910")	3/32" Over (.940")	+1/8" Over (.970")
L56	.580"	No	Stretch Down 3/4"	O.K. As Is	+1 Layer	+2 Layers	+4 Layers	+7 Layers	+10 Layers
L56	.600"	No	No	No	Stretch Down 1/2"	Ok As Is	+2 Layers	+5 Layers	+8 Layers
L56	.610"	No	No	No	Stretch Down 3/4"	Ok As Is	+1 Layer	+4 Layers	+7 Layers
L58	.580"	Stretch Down 3/4"	Ok As Is	+1 Layer	+3 Layers	+4 Layers	+6 Layers	+9 Layers	+12 Layers
L58	.600"	No	Stretch Down 3/4"	Ok As Is	+1 Layer	+2 Layers	+4 Layers	+7 Layers	+10 Layers
L58	.610"	No	No	Stretch Down 3/4"	Ok As Is	+1 Layer	+3 Layers	+6 Layers	+9 Layers
L60	.580"	Ok As Is	+2 Layers	+3 Layers	+5 Layers	+6 Layers	+8 Layers	+11 Layers	+14 Layers
L60	.600"	Stretch Down 3/4"	Ok As Is	+2 Layers	+3 Layers	+4 Layers	+6 Layers	+9 Layers	+12 Layers
L60	.610"	No	Stretch Down 1/2"	Ok As Is	+2 Layers	+3 Layers	+5 Layers	+8 Layers	+11 Layers