Fingerings for three-octave major and minor scales on violin

Major scales (take the same path descending as ascending)

G	01234 12-1234 1234 12-1234 4	
A ♭ -D ♭	1234 1234 12-1234 123-1234 4	
D	01234 12-1234 123-123-1234 4	"indicates a string crossing "—" indicates a shift
E♭–F♯	1234 123-1234 123-123-1234 4	Highest note appears in bold

Minor scales

G	01234 12-1234 1234 123-123 4 32-321-321 4321 4321 4321
G♯	1234 1234 123-1234 123-123 4 32-321 4321-4321 4321 4321
A–C♯	1234 1234 123-1234 123-123 4 32-321-4321 4321 4321 4321
D	01234 12-1234 123-123-1234-432-321-4321-321 4321 43210
D ♯ –F♯	1234 123-1234 123-123-1234- 4 32-321-321-321 4321 4321-21

Rhythmic value	Notes per bow	
Half	1	
Quarter	2	
Triplet quarter 3		Tempo : $J = 60$
Eighth	4	Galamian turn: add the scale degrees 3, 2, ar
Triplet eighth	6	1 after the lowest note of the scale, both at the
Sixteenth	8	beginning and the end of each repetition of the scale
Triplet sixteenth	12	
Thirty-second	24	
Triplet thirty-second	24	Layout by Cameron Raec https://cameronraecke.co