

Model	Final State	Observed (expected) mass limit [TeV]	
		36 fb <sup>-1</sup> 13 TeV	77.8 fb <sup>-1</sup> 13 TeV
String	qg	7.7 (7.7)	7.6 (7.9)
Scalar diquark	qq	7.2 (7.4)	7.3 (7.5)
Axigluon/coloron	q $\bar{q}$	6.1 (6.0)	6.2 (6.3)
Excited quark	qg	6.0 (5.8)	6.0 (6.0)
Color-octet scalar ( $k_s^2 = 1/2$ )	gg	3.4 (3.6)	3.7 (3.8)
$W'$	q $\bar{q}$	3.3 (3.6)	3.6 (3.8)
$Z'$	q $\bar{q}$	2.7 (2.9)	2.9 (3.1)
RS graviton ( $k/M_{\text{PL}} = 0.1$ )	q $\bar{q}$ , gg	1.8 (2.3)	2.4 (2.4)
DM mediator ( $m_{\text{DM}} = 1$ GeV)	q $\bar{q}$	2.6 (2.5)	2.5 (2.8)