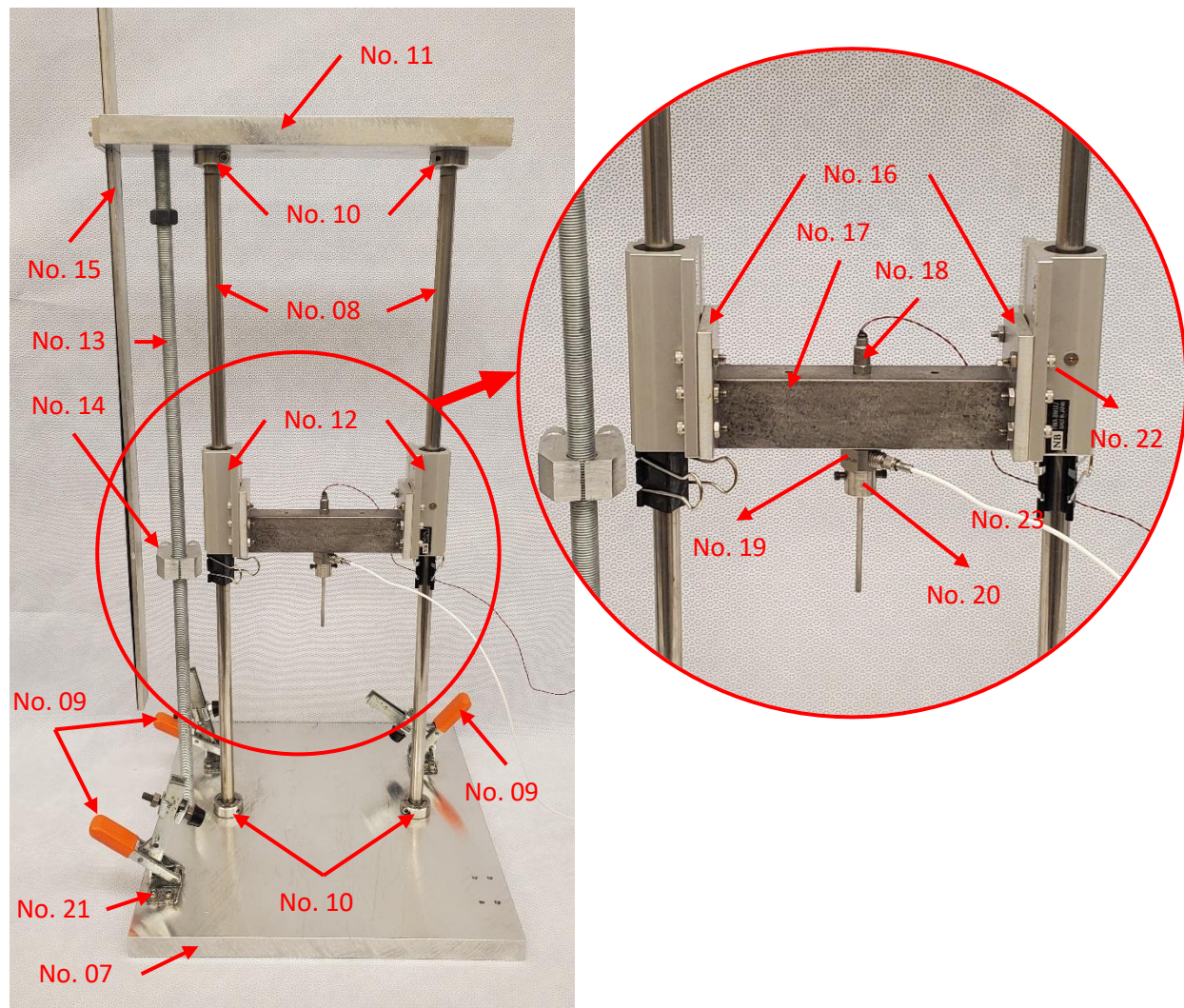


Supplementary Figure 2: Detailed Parts Description of drop tower



Part No.	Name	Number Needed	Source
07	Plate	1	Drawing included
08	Steel rod, 2'	2	McMaster Carr- 89535K25
09	Hold-down toggle clamp	3	McMaster Carr-5126A71
10	Face-mount shaft collar	4	McMaster Carr-5631T11
11	Top holder	1	Drawing included
12	Mounted linear ball bearing	2	McMaster Carr-9338T7
13	1/2"-20 threaded rod	2	McMaster Carr -99065A120
14	Clamp-on milling machine depth stops	1	McMaster Carr-2949A71
15	Ruler	1	-
16	Impactor plate	2	Drawing included
17	Impactor beam	1	Drawing included
18	Accelerometer	1	Kistler-8743A5
19	Load cell	1	Kistler-9712B5000
20	Impactor head	1	Drawing included
21	Stainless steel socket head screw, 8-32, 1/2"	16	McMaster Carr -92196A194
22	Stainless steel socket head screw, 6-32, 3/4"	12	McMaster Carr -92196A151
23	Stainless steel hex nut, 6-32	12	McMaster Carr - 91841A007