

# Cast Steel Shot Sizes and Equivalent Cut Wire Shot Sizes

Cast Steel Size	US Standard Sieve Ranges	Average Diameter	Equivalent Cut Wire Size
S-70	45 to 80 mesh	0.0117	CW 12*
S-110	40 to 50 mesh	0.0139	CW 14*
S-130	35 to 45 mesh	0.0165	CW 17*
S-170	30 to 40 mesh	0.0197	CW 17 CW 20*
S-190	25 to 35 mesh	0.0234	CW 20 CW 23*
S-230	20 to 30 mesh	0.0278	CW 23 CW 28*
S-280	18 to 25 mesh	0.0331	CW 28 CW 32*
S-330	16 to 20 mesh	0.0394	CW 32 CW 35* CW 41
S-390	14 to 18 mesh	0.0469	CW 41 CW 47*
S-460	12 to 16 mesh	0.0555	CW 47 CW 54*
S-550	10 to 14 mesh	0.0661	CW 62 CW 66*
S-660	8 to 12 mesh	0.787	CW 80*

\* Recommended Cut Wire Size for Equivalent Peening Intensities and Coverage Rates