



# Small-Body Orbital Elements Table

Object Designation	Epoch	Ref.	a (AU)	q (AU)	e	i (deg)	W (deg)	w (deg)	M (deg)	TP	P (yr)	Rec.#
9973 Szpilman (1993 NB2)	53400	MPC40288	2.5307511	2.09699100	0.17139580	1.49867	297.24751	104.48204	222.7616900	20020804.06458	4.03e+00	9973

## Description of Table Columns

"Object Designation"

Name and/or designation of the asteroid or comet

"Epoch"

Epoch of the osculating orbital elements (Modified Julian Date = Julian Date - 2400000.5)

"Ref."

Orbit solution reference: "JPL..." = Jet Propulsion Laboratory, "MPC..." = Minor Planet Center, "IHW..." = International Halley Watch, "BM..." = Brian G. Marsden, and "BGMCAT..." = Brian G. Marsden Catalog

"a (AU)"

Semi-major axis (AU)

"q (AU)"

Perihelion distance (AU)

"e"

Eccentricity

"i (deg)"

Inclination (degrees, J2000 ecliptic)

"W (deg)"

Longitude of the ascending node (degrees, J2000 ecliptic)

"w (deg)"

Argument of perihelion (degrees, J2000 ecliptic)

"M (deg)"

Mean anomaly (degrees)

"TP"

Time of perihelion passage (YYYYMMDD.DDDDD)

"P (yr)"


Orbital period (years)

"Rec.#"

DASTCOM record number



 Credits/Awards

 Contact: [Webmaster](mailto:webmaster@ssd.jpl.nasa.gov) ([webmaster@ssd.jpl.nasa.gov](mailto:webmaster@ssd.jpl.nasa.gov))

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