



The option class listed below will begin trading on the MIAX Pearl Exchange at the start of trading on **Friday, April 12, 2019**. All option classes on MIAX PEARL have an allocation style of Price-Time and billing style of Maker-Taker.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	Cloud
TW	Tradeweb Markets Inc.	TW	No	NASDAQ	4:00	8

Please contact MIAX Listings with any questions.

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