



### 3-Flute, Square End, Extra Long Reach, Stub Flute, 30° Helix (.0100-.0550)

Cutter ø	Flute Length	XD LOC	OAL	Reach Length	XD Reach	Shank ø	Uncoated Part #	AlTiN Coated Part #	DLC Coated Part #
.0100	.015	1.5	2-1/2	.125	12.5	1/8	<a href="#">RET7300</a>	<a href="#">RET7301</a>	<a href="#">RET7302</a>
.0100	.015	1.5	2-1/2	.150	15	1/8	<a href="#">RET7303</a>	<a href="#">RET7304</a>	<a href="#">RET7305</a>
.0156	.022	1.5	2-1/2	.156	10	1/8	<a href="#">RET7306</a>	<a href="#">RET7307</a>	<a href="#">RET7308</a>
.0156	.022	1.5	2-1/2	.187	12	1/8	<a href="#">RET7309</a>	<a href="#">RET7310</a>	<a href="#">RET7311</a>
.0156	.022	1.5	2-1/2	.225	14	1/8	<a href="#">RET7312</a>	<a href="#">RET7313</a>	<a href="#">RET7314</a>
.0156	.022	1.5	2-1/2	.300	19	1/8	<a href="#">RET7315</a>	<a href="#">RET7316</a>	<a href="#">RET7317</a>
.0200	.030	1.5	2-1/2	.250	12.5	1/8	<a href="#">RET7318</a>	<a href="#">RET7319</a>	<a href="#">RET7320</a>
.0200	.030	1.5	2-1/2	.300	15	1/8	<a href="#">RET7321</a>	<a href="#">RET7322</a>	<a href="#">RET7323</a>
.0200	.030	1.5	2-1/2	.400	20	1/8	<a href="#">RET7324</a>	<a href="#">RET7325</a>	<a href="#">RET7326</a>
.0250	.037	1.5	2-1/2	.312	12.5	1/8	<a href="#">RET7327</a>	<a href="#">RET7328</a>	<a href="#">RET7329</a>
.0250	.037	1.5	2-1/2	.375	15	1/8	<a href="#">RET7330</a>	<a href="#">RET7331</a>	<a href="#">RET7332</a>
.0250	.037	1.5	2-1/2	.500	20	1/8	<a href="#">RET7333</a>	<a href="#">RET7334</a>	<a href="#">RET7335</a>
.0300	.045	1.5	2-1/2	.375	12.5	1/8	<a href="#">RET7336</a>	<a href="#">RET7337</a>	<a href="#">RET7338</a>
.0300	.045	1.5	2-1/2	.450	15	1/8	<a href="#">RET7339</a>	<a href="#">RET7340</a>	<a href="#">RET7341</a>
.0312	.046	1.5	2-1/2	.312	10	1/8	<a href="#">RET7342</a>	<a href="#">RET7343</a>	<a href="#">RET7344</a>
.0312	.046	1.5	2-1/2	.375	12	1/8	<a href="#">RET7345</a>	<a href="#">RET7346</a>	<a href="#">RET7347</a>
.0312	.046	1.5	2-1/2	.470	15	1/8	<a href="#">RET7348</a>	<a href="#">RET7349</a>	<a href="#">RET7350</a>
.0312	.046	1.5	2-1/2	.565	18	1/8	<a href="#">RET7351</a>	<a href="#">RET7352</a>	<a href="#">RET7353</a>
.0312	.046	1.5	2-1/2	.625	20	1/8	<a href="#">RET7354</a>	<a href="#">RET7355</a>	<a href="#">RET7356</a>
.0312	.046	1.5	2-1/2	.775	25	1/8	<a href="#">RET7357</a>	<a href="#">RET7358</a>	<a href="#">RET7359</a>
.0350	.052	1.5	2-1/2	.425	12	1/8	<a href="#">RET7360</a>	<a href="#">RET7361</a>	<a href="#">RET7362</a>
.0350	.052	1.5	2-1/2	.525	15	1/8	<a href="#">RET7363</a>	<a href="#">RET7364</a>	<a href="#">RET7365</a>
.0350	.052	1.5	2-1/2	.700	20	1/8	<a href="#">RET7366</a>	<a href="#">RET7367</a>	<a href="#">RET7368</a>
.0394	.059	1.5	2-1/2	.480	12	1/8	<a href="#">RET7369</a>	<a href="#">RET7370</a>	<a href="#">RET7371</a>
.0400	.060	1.5	2-1/2	.480	12	1/8	<a href="#">RET7372</a>	<a href="#">RET7373</a>	<a href="#">RET7374</a>
.0400	.060	1.5	2-1/2	.600	15	1/8	<a href="#">RET7375</a>	<a href="#">RET7376</a>	<a href="#">RET7377</a>
.0400	.060	1.5	2-1/2	.800	20	1/8	<a href="#">RET7378</a>	<a href="#">RET7379</a>	<a href="#">RET7380</a>
.0450	.067	1.5	2-1/2	.550	12	1/8	<a href="#">RET7381</a>	<a href="#">RET7382</a>	<a href="#">RET7383</a>
.0450	.067	1.5	2-1/2	.680	15	1/8	<a href="#">RET7384</a>	<a href="#">RET7385</a>	<a href="#">RET7386</a>
.0450	.067	1.5	2-1/2	.900	20	1/8	<a href="#">RET7387</a>	<a href="#">RET7388</a>	<a href="#">RET7389</a>
.0469	.070	1.5	2-1/2	.480	10	1/8	<a href="#">RET7390</a>	<a href="#">RET7391</a>	<a href="#">RET7392</a>
.0469	.070	1.5	2-1/2	.570	12	1/8	<a href="#">RET7393</a>	<a href="#">RET7394</a>	<a href="#">RET7395</a>
.0469	.070	1.5	2-1/2	.710	15	1/8	<a href="#">RET7396</a>	<a href="#">RET7397</a>	<a href="#">RET7398</a>
.0469	.070	1.5	2-1/2	.950	20	1/8	<a href="#">RET7399</a>	<a href="#">RET7400</a>	<a href="#">RET7401</a>
.0469	.070	1.5	2-1/2	1.187	25	1/8	<a href="#">RET7402</a>	<a href="#">RET7403</a>	<a href="#">RET7404</a>
.0500	.075	1.5	2-1/2	.600	12	1/8	<a href="#">RET7405</a>	<a href="#">RET7406</a>	<a href="#">RET7407</a>
.0500	.075	1.5	2-1/2	.750	15	1/8	<a href="#">RET7408</a>	<a href="#">RET7409</a>	<a href="#">RET7410</a>
.0550	.082	1.5	2-1/2	.660	12	1/8	<a href="#">RET7411</a>	<a href="#">RET7412</a>	<a href="#">RET7413</a>
.0550	.082	1.5	2-1/2	.825	15	1/8	<a href="#">RET7414</a>	<a href="#">RET7415</a>	<a href="#">RET7416</a>

Tolerances	Diameter	Shank
All Sizes	+0.0005, -0.0005	+0.000, -0.0003



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