

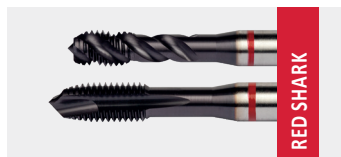
Shark Taps



YELLOW SHARK

FOR STRUCTURAL, PLAIN CARBON & LOW ALLOY STEELS

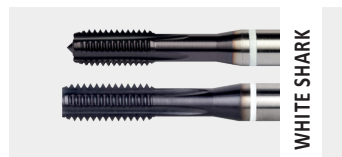
- **SURFACE TREATMENT**
TiAlN-Top coating with an additional edge treatment.
- **FLUTE GEOMETRY**
Available in spiral point for through holes and spiral flute (40° angle) for blind holes. Special flute geometry on Yellow Shark spiral flute taps prevents nest formation of chips, reducing the risk of re-cutting chips on reversal.



RED SHARK

FOR ALLOY STEELS

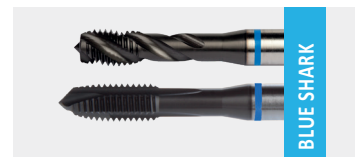
- **SURFACE TREATMENT**
TiAlN-Top coating with an additional edge treatment.
- **FLUTE GEOMETRY**
Available in spiral point for through holes and spiral flute (45° angle) for blind holes. Special flute geometry on Red Shark spiral flute taps prevents nest formation of chips, reducing the risk of re-cutting chips on reversal.
- **BACK TAPERED**
The back taper on spiral flute Red Shark further facilitates chip evacuation, reducing chipping on the last threads of the taps and also reducing torque when the tap reverses.
- **TOOL HOLDING Recommendation**
When using spiral flute Red Shark taps, it is recommended to use a tool holder with minimal float or soft start.



WHITE SHARK

FOR CAST IRONS

- **SURFACE TREATMENT**
TiAlN-Top coating.
- **FLUTE GEOMETRY**
Straight flute design gives excellent performance when threading both through and blind holes in short chipping materials.
- **INTERNAL COOLANT WITH AXIAL OUTLET**
Reduces interruptions of the production process by providing optimum chip evacuation in both horizontal and vertical blind hole machining.



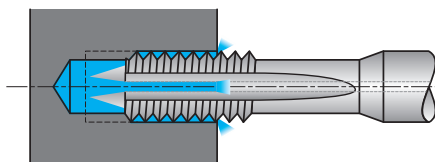
BLUE SHARK

FOR STAINLESS STEELS

- **SURFACE TREATMENT**
Super-B (TiAlN + WC/C) coating with an additional edge treatment.
- **FLUTE GEOMETRY**
Available in spiral point for through holes and spiral flute (40° angle) for blind holes.
- **BACK TAPERED**
The back taper on the E812, E912, E628 and E768 spiral flute Blue Shark facilitates chip evacuation, reducing chipping on the last threads of the taps and also reducing torque when the tap reverses.

FEATURES AND BENEFITS

- **COLOR RING CODING**
The color ring on the tool shank identifies suitability for specific materials and enables quick and easy tool selection.
- **ADVANCED GEOMETRY**
Significant reduction in axial forces and torque compared to conventional taps. This ensures problem-free threading of blind and through holes in the selected material.



- **DIN/ANSI STANDARD**
Standard ANSI shank and square with DIN overall length, for extra reach and compatibility with Inch Standard Tap Holding.
- **EDGE TREATMENT (Red, Yellow, Blue Shark)**
Spiral flute taps incorporate a special edge treatment to increase strength and reduce the chance of micro-chipping on the cutting edges. This considerably improves performance and tool life.

Internal coolant with axial coolant outlet (White Shark Form E taps only):

- Improved tool life
- Optimum chip evacuation when threading short chipping materials
- Extremely beneficial in horizontal blind hole machining

BLUE SHARK

UNC	UNF	TPI	E813	E913		UNC	UNF	TPI	E812	E912	
4		40	7350278	—	SPIRAL POINT	4		40	7350335	—	
6		32	7350279	—		6		32	7350336	—	
8		32	7350280	—		8		32	7350337	—	
10		24	7350281	—		10		24	7350338	—	
	10	32	—	7350299			1/4	10	32	—	7350356
1/4		20	7350282	—		1/4		20	7350339	—	
1/4		20	7350283	—		1/4		20	7350340	—	
	1/4	28	—	7350300				1/4	28	—	7350357
	1/4	28	—	7350301				1/4	28	—	7350358
5/16		18	7350284	—		5/16		18	7350341	—	
5/16		18	7350285	—		5/16		18	7350342	—	
	5/16	24	—	7350302				5/16	24	—	7350359
	5/16	24	—	7350303				5/16	24	—	7350360
3/8		16	7350287	—		3/8		16	7350343	—	
3/8		16	7350286	—		3/8		16	7350344	—	
	3/8	24	—	7350304				3/8	24	—	7350361
	3/8	24	—	7350305				3/8	24	—	7350362
7/16		14	7350288	—		7/16		14	7350345	—	
	7/16	20	—	7350306				7/16	20	—	7350363
1/2		13	7350289	—		1/2		13	7350346	—	
1/2		13	7350290	—		1/2		13	7350347	—	
	1/2	20	—	7350307				1/2	20	—	7350364
	1/2	20	—	7350308				1/2	20	—	7350365
5/8		11	7350291	—		5/8		11	7350348	—	
5/8		11	7350292	—		5/8		11	7350349	—	
	5/8	18	—	7350309				5/8	18	—	7350366
	5/8	18	—	7350310				5/8	18	—	7350367
3/4		10	7350293	—		3/4		10	7350350	—	
3/4		10	7350294	—		3/4		10	7350351	—	
	3/4	16	—	7350311				3/4	16	—	7350368
	3/4	16	—	7350312				3/4	16	—	7350369
7/8		9	7350295	—		7/8		9	7350352	—	
7/8		9	7350296	—		7/8		9	7350353	—	
	7/8	14	—	7350313				7/8	14	—	7350370
	7/8	14	—	7350314				7/8	14	—	7350371
1"		8	7350297	—		1"		8	7350354	—	
1"		8	7350298	—	1"		8	7350355	—		
	1"	12	—	7350315			1"	12	—	7350372	
	1"	12	—	7350316			1"	12	—	7350373	

SPIRAL FLUTE

YELLOW SHARK

UNC	UNF	TPI	E809	E909		UNC	UNF	TPI	E808	E908	
4		40	7350469	—	SPIRAL POINT	4		40	7350510	—	
6		32	7350470	—		6		32	7350511	—	
8		32	7350471	—		8		32	7350512	—	
10		24	7350472	—		10		24	7350513	—	
	10	32	—	7350482			1/4	10	32	—	7350523
1/4		20	7350473	—		1/4		20	7350514	—	
	1/4	28	—	7350483				1/4	28	—	7350524
5/16		18	7350474	—		5/16		18	7350515	—	
	5/16	24	—	7350484				5/16	24	—	7350525
3/8		16	7350475	—		3/8		16	7350516	—	
	3/8	24	—	7350485				3/8	24	—	7350526
7/16		14	7350476	—		7/16		14	7350517	—	
	7/16	20	—	7350486				7/16	20	—	7350527
1/2		13	7350477	—		1/2		13	7350518	—	
	1/2	20	—	7350487				1/2	20	—	7350528
5/8		11	7350478	—		5/8		11	7350519	—	
	5/8	18	—	7350488				5/8	18	—	7350529
3/4		10	7350479	—		3/4		10	7350520	—	
	3/4	16	—	7350489				3/4	16	—	7350530
7/8		9	7350480	—		7/8		9	7350521	—	
	7/8	14	—	7350490				7/8	14	—	7350531
1"		8	7350481	—		1"		8	7350522	—	
	1"	12	—	7350491				1"	12	—	7350532

SPIRAL FLUTE

RED SHARK

UNC	UNF	TPI	E811	E911		UNC	UNF	TPI	E810	E910	
4		40	7350391	—	SPIRAL POINT	4		40	7350430	—	
6		32	7350392	—		6		32	7350431	—	
8		32	7350393	—		8		32	7350432	—	
10		24	7350394	—		10		24	7350433	—	
	10	32	—	7350404			1/4	10	32	—	7350443
1/4		20	7350395	—		1/4		20	7350434	—	
	1/4	28	—	7350405				1/4	28	—	7350444
5/16		18	7350396	—		5/16		18	7350435	—	
	5/16	24	—	7350406				5/16	24	—	7350445
3/8		16	7350397	—		3/8		16	7350436	—	
	3/8	24	—	7350407				3/8	24	—	7350446
7/16		14	7350398	—		7/16		14	7350437	—	
	7/16	20	—	7350408				7/16	20	—	7350447
1/2		13	7350399	—		1/2		13	7350438	—	
	1/2	20	—	7350409				1/2	20	—	7350448
5/8		11	7350400	—		5/8		11	7350439	—	
	5/8	18	—	7350410				5/8	18	—	7350449
3/4		10	7350401	—		3/4		10	7350440	—	
	3/4	16	—	7350411				3/4	16	—	7350450
7/8		9	7350402	—		7/8		9	7350441	—	
	7/8	14	—	7350412				7/8	14	—	7350451
1"		8	7350403	—		1"		8	7350442	—	
	1"	12	—	7350413				1"	12	—	7350452

SPIRAL FLUTE

WHITE SHARK

UNC	UNF	TPI	E814	E815	E914	E915
	10	32	—	—	7350222	—
1/4		20	7350203	7350231	—	—
	1/4	28	—	—	7350223	—
	1/4	28	—	—	—	7350240
5/16		18	7350204	—	—	—
5/16		18	—	7350232	—	—
	5/16	24	—	—	7350224	—
	5/16	24	—	—	—	7350241
3/8		16	7350205	7350233	—	—
	3/8	24	—	—	7350225	7350242
7/16		14	7350206	7350234	—	—
	7/16	20	—	—	7350226	7350243
1/2		13	7350207	7350235	—	—
	1/2	20	—	—	7350227	7350244
5/8		11	7350208	7350236	—	—
	5/8	18	—	—	7350228	7350245
3/4		10	7350209	7350237	—	—
	3/4	16	—	—	7350229	—
	3/4	16	—	—	—	7350246
7/8		9	7350220	7350238	—	—
	7/8	14	—	—	7350230	7350247
1"		8	7350221	7350239	—	—
	1"	12	—	—	—	7350248

STRAIGHT FLUTE

Metric Sizes also Available

- E815/E915 Coolant, E style bottoming (1.5-2 threads chamfer)
- E814/E914 Solid, C style semi-bottoming (2-3 threads chamfer)