

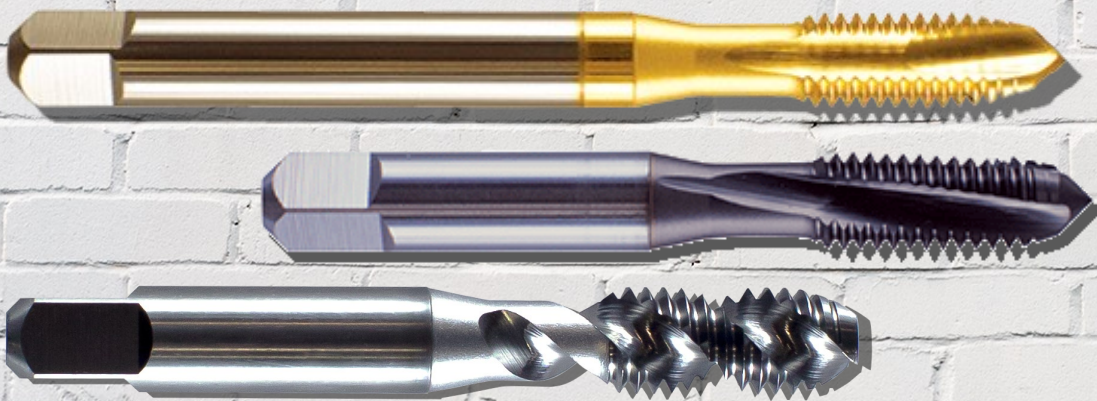


• THE **REGAL** WAY •

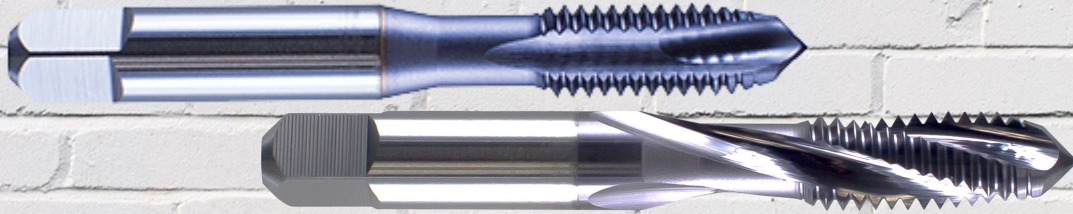
SuperTuf

Material Specific High Performance Taps

- Made In U.S.A
- Standard Sizes *in Stock*
- Specials Available in *10 Days*
- Coolant Holes Available



- **SuperTuf DM** Taps for Difficult & Hardened Steels
- **SuperTuf SS** Taps for Stainless Steel
- **SuperTuf SS-DA** Taps for Stainless Steel in DIN/ANSI
- **SuperTuf TI** Taps for Titanium Alloys
- **SuperTuf Ni** Taps for Nickel Alloys
- **SuperTuf AL** Taps for Aluminum
- **SuperTuf MF-DA** Forming Taps in DIN/ANSI



SuperTuf DM for Difficult Materials

The Optimum Tap for Heat Treated Alloy Steels Up To 35 HRC

Excellent Chip Control

Spiral Point and Spiral Flute

Sizes from #2 to 3/4", M3 to M12

Available in Bright, TiAlN, TiCN and Steam Oxide Finishes



SuperTuf SS & SS-DA Taps for Stainless Steel

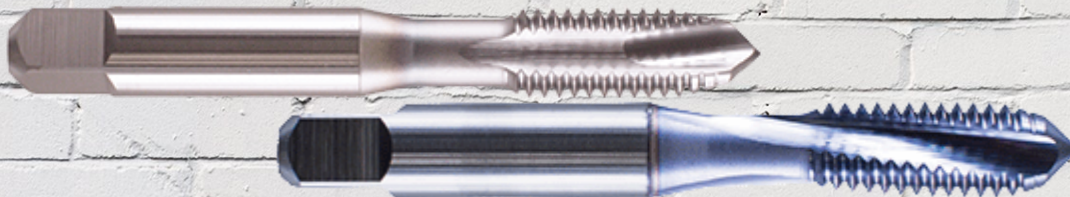
Uniquely Designed Tap for Free Machining Stainless Steels and Tough Carbon Steels

Available in DIN/ANSI Lengths For Hard To Reach Tapping

Spiral Point and Spiral Flute

Sizes from #2 to 3/4", M3 to M12

Available in Bright, TiN and Steam Oxide Finishes



SuperTuf TI Taps for Titanium Alloys

PMX Super Micro-Particle Metal Makes This the Optimum Tap for Titanium Alloys Up To 42 HRC

Consistent Cutting Angles for Excellent Chip Control

PMX Micro-Particle Steel for Difficult Titanium Alloy Materials

Extreme Toughness and Wear Resistance Provides Excellent Tool Life

Spiral Point and Spiral Flute

Sizes from #2 to 1", M3 to M12

Available in Bright and TiCN Finishes





SuperTuf Ni Taps for Nickel Alloys

**For Nickel Alloys Up To 38 HRC with Exceptional Edge Support
Wear Resistance and Closely Controlled Cutting Action Provides
Excellent Tool Life**

Spiral Point and Spiral Flute

Sizes from #2 to 1", M3 to M12

Available in Bright, TiAlN and Steam Oxide Finishes



SuperTuf AL Taps for Aluminum

**Uniquely Designed Free Cutting Action in All Alloyed Aluminum
Excellent Chip Control**

**Chrome Finish Ensures Free Cutting without Chips Adhering To the
Cutting Edges**

Spiral Point and Spiral Flute

Sizes from #2 to 1/2", M3 to M12

Available in Bright, Chrome and TiCN Finishes



SuperTuf MF-DA Taps in DIN/ANSI

**Used in Applications Where Forming Taps and Longer Lengths Are Required
MetFlo Form Tapping Eliminates Chip Removal Problems**

**Stronger Threads As Tapped Material Contours to the Thread Form
Forming Plug and Bottom**

Sizes from #4 to 3/4", M4 to M16

Available in Bright, TiCN, TiN and Steam Oxide Finishes

SuperTuf Tap Recommended Speed Table

Material	Stainless Steels			Carbon Steels		
	Free Machining	Duplex	Precipitation Hardened	Low Carbon	Medium Carbon	High Carbon
	303, 304, 316	RDN 903, 2101 LDX, 2804, DX 2202	12-8, 16-6, 17-4, 440, 436, 446, A286	1010, 1018	1038, 1045	4140, 4340, 8620, 8286,
SuperTuf DM		15-25 SFM	12-20 SFM			10-20 SFM
SuperTuf SS & SS-DA	25-50 SFM			25-80 SFM	20-50 SFM	
SuperTuf Ti						
SuperTuf Ni						
SuperTuf AL						
SuperTuf MF-DA	40-80 SFM		20-40 SFM	60-100 SFM	70-120 SFM	20-50 SFM

Material	Titanium Alloys						
	Ti-3Al-2.5V -0.05Pd	Ti-3Al-2.5V -0.1R	Ti-SA 1-2.5Sn	Ti-8Al 1Mo -1V	Ti-6Al 2Sn-4Zr-.1Si	Ti-6Al-4V	Ti-6Al-6V-2Sn
SuperTuf DM							
SuperTuf SS & SS-DA							
SuperTuf Ti	10-20 SFM	10-20 SFM	10-20 SFM	10-20 SFM	15-20 SFM	15-20 SFM	5-7 SFM
SuperTuf Ni							
SuperTuf AL							
SuperTuf MF-DA						20-50 SFM	

Material	Nickel Alloys														
	Corrosion/Heat Resistant				Nickel Copper Alloys				Cobalt/Nickel				Nickel/ Iron Alloys	Tool Steel	
	Hastel-Loy B, C-276, C4C, C32, S	Haynes 120, 220	In-conel 600, 617, 625,	R30255 (MIL Grade)	Nimon-ic 75, 80	Monel 400, 500	A494	B369	AMS 5385, 5382	IN 718, 909, 100, 718	Reue 77, 220	Waspall oy	Reue 41	Invar	36-46 Rc
SuperTuf DM														5-20 SFM	5-20 SFM
SuperTuf SS & SS-DA															
SuperTuf Ti															
SuperTuf Ni	8-15 SFM	10-15 SFM	8-15 SFM	8-15 SFM	5-20 SFM	5-20 SFM	8-15 SFM	8-15 SFM	8-15 SFM	8-15 SFM	10-15 SFM	5-20 SFM	10-15 SFM		
SuperTuf AL															
SuperTuf MF-DA															

Material	Aluminum Alloys					
	Aluminum Wrought				Cast	Unalloyed
	T6068, T6061, T7075	5052, 5082, 5400, 6013	3003, 3004	2011, 2014, 2017, 2024	Sand Cast, Die Cast	1050, 1100, 1200, 1350
SuperTuf DM						
SuperTuf SS & SS-DA						
SuperTuf Ti						
SuperTuf Ni						
SuperTuf AL	30-80 SFM	40-65 SFM	40-65 SFM	40-65 SFM	40-65 SFM	30-80 SFM
SuperTuf MF-DA	50-100 SFM	80-120 SFM	80-120 SFM	80-120 SFM	80-120 SFM	50-100 SFM

Recommended SFM Suitable Not Recommended



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