

YOUR 'GO-TO' TAP SOURCE

YC13-TAPS	GT Y/G	GT-S Y/G	Super-B Y/G	GT-HS Y/G	GT-Ti Y/G
	YG-1 'Go-To'	GT-Al Y/G	Pipe Y/G	Forming Y/G	Hand Y/G



YG-1 Canada | yg1.ca | 905.335.2500
3375 North Service Road, Unit A8, Burlington, ON L7N 3G2

YOUR 'GO-TO' TAP SOURCE


GT
YG

HIGH-PERFORMANCE
TAP CATALOGUE

YC13-TAPS



YG YG-1 Canada | yg1.ca



HARD*slick*

ULTIMATE TAP PERFORMANCE

Application Range

SOFT 70 BHN  HARD 340 BHN

**STEEL • STAINLESS STEEL
NICKEL ALLOYS • ALUMINUM**

- Reduces Galling & Seizing
- Extends Life with Minimal Coolant
- Reduces Tap Inventory

TAP SUBSTRATE -
67Rc .8 Coefficient of Friction

TIALN - 90Rc

WC/C - .2 Coefficient of Friction



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GUIDE TO TAPPING APPLICATIONS

Material Group	Material Sub-Group	Condition	Hardness (HRc)	Hardness (BHN)	SFM	HSSE-V3		Powdered Metal			HSSE-V3	
						GT	GT-S	Super-B	GT-HS	GT-Ti	GT-Al	Forming
Low carbon steel	1010, 1018	Normalized	10-20	190	30-80	1		○				1
Medium carbon steel	1035, 1045	Normalized	15	208	20-40	1	1	1				1
High carbon steel	1050, 1065	Normalized	28	253	15-25	1	1	1				
High strength steel	4140, 4340	Normalized	25-32	253-301	15-25	○	1	1				
	4140, 4340	Hardened	35-45	327-390	15-20		○	○	1			
Tool steel	A-2, D-2, H-13, P-20	Annealed	10-30		15-25	1	1	1				
	A-2, D-2, H-13, P-20	Hardened	35-42	327-390	10-18		○	○	1			
Stainless steel	303, 304, 316	Annealed	25	253	20-35	1	○	1				1
	410, 430	Hardened	35-42	327-390	12-22				○	1		
	17-4, 15-5, A286	Annealed	25	253	10-20	○	○	1	○			
	17-4, 15-5, A286	Hardened	35-42	327-390	10-15			○	1			
Titanium	Commercially Pure 6Al-4V	Annealed	15-20	253-301	15-30				○	1		
		Hardened	35-42	327-390	3-15				○	1		
Aluminum	Wrought	Annealed		150	30-90	○		○			1	1
	Cast	As cast	-	150	30-90	○		○			1	1
Nickel-based alloys	Inconel 718, Monel	Annealed	25-32	253-301	8-15		○		○	1		
	Hastelloy, Waspalloy	Hardened	35-42	327-390	8-15		○		○	1		
Copper	-	-	-	150	50-60	○		○				1
Brass	-	-	-	150	50-60	○		○				1
Bronze	Aluma, Phosphor	-	35-42	-	25-60				1			
Magnesium	-	-	-	100	40-80	○		○				1
Cast Iron	-	As cast	15-	208	-	Standard Taps						
Zinc	-	-	-	-	30-80	○		○				1

1 First Choice ○ Alternate



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