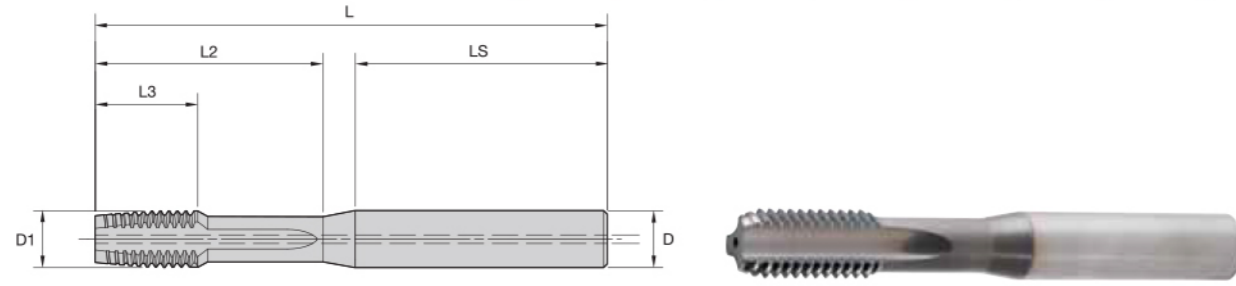




High-Performance Taps

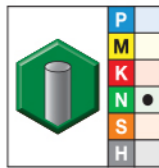
• GN1515 TiN + CrC/C for aluminum



● first choice  
 ○ alternate choice

Shank Tolerance	
D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

■ GX47 • Form E Bottoming Chamfer • Through Coolant M6 and Larger • Metric



GN1515	D1 size	metric dimensions					D	number of flutes	class of fit
		L	L3	L2	LS				
12866	M6 X 1	70	12	24	42	6,0	3	6HX	
12867	M8 X 1,25	80	15	32	43	8,0	3	6HX	
12869	M10 X 1	90	18	40	44	10,0	3	6HX	
12868	M10 X 1,5	90	18	40	44	10,0	3	6HX	
12872	M12 X 1,5	100	21	48	46	12,0	3	6HX	
12870	M12 X 1,75	100	21	48	46	12,0	3	6HX	
12874	M14 X 1,5	110	24	56	52	12,0	4	6HX	
12873	M14 X 2	110	24	56	52	12,0	4	6HX	
12876	M16 X 1,5	110	24	64	44	14,0	4	6HX	
12875	M16 X 2	110	24	64	44	14,0	4	6HX	

NOTE: Proprietary technology.



**WIDIA Tri-Element**  
 Opacity: 100%  
 Mode: Multiply

WIDIA Tri-Element bleeds off the left edge at the center point of the inverted triangles.

WIDIA Tri-Element aligns with the center of the inverted white triangle in the WIDIA BrandBar.

WIDIA Tri-Element: A triangle pointing in the upward direction must appear directly above the inverted white triangle in the WIDIA BrandBar.

3.5X

2.5X

Headline goes in

Helvetica Neue LT Pro 47 Light Condensed  
 Size: 46      Leading: 48  
 Kerning: Optical      Tracking: 0  
 Space Before: 0p0      Space After: 0p0  
 Case: ALL CAPS or Sentence case

WIDIA BrandBar

X = Height of Box

EXTREME CHALLENGES.  
 EXTREME RESULTS.

10p0  
 Lorem ipsum dolor sit amet, consectetur adipisc intesing elit. Vest  
 Nulla sollicitudin pellentesque massa purus. Sed in pulvinar tellus

- In scelerisque posuere n
- Morbi a odio tincidunt et
- Maximus quam quis, ves

Helvetica Neue LT Pro 57 Condensed  
 Size: 10      Leading: 14  
 Kerning: Optical      Tracking: 0  
 Space Before: 0p3      Space After: 0p0  
 Left Indent: 0p9      First Line Indent: -0p9

3p6  
 Nulla sollicitudin pellentesque massa a pulvinar. Cras et tempus m  
 amet mauris mi, et posuere nibh ultrices vitae. [widia.com](http://widia.com)

Helvetica Neue LT Pro 57 Condensed  
 Size: 10      Leading: 16  
 Kerning: Optical      Tracking: 0  
 Space Before: 0p6      Space After: 0p0

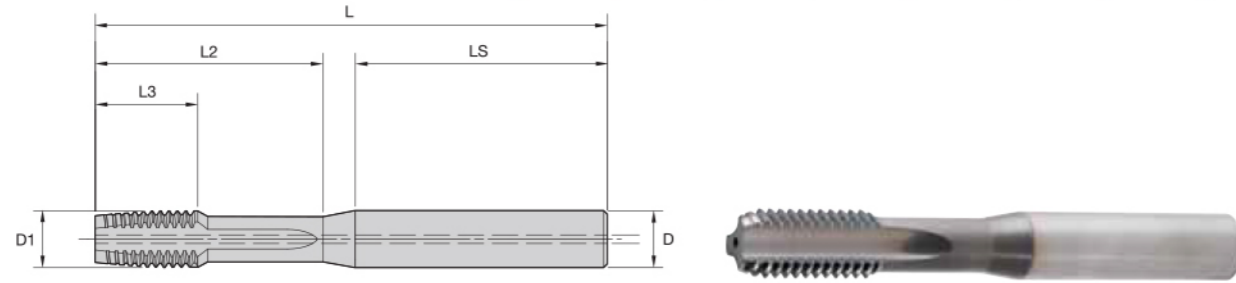
widia.com  
 Helvetica Neue LT Pro 77 Bold  
 Size: 10      Leading: 16  
 Kerning: Optical      Tracking: 0  
 NO "www." and NO period after ".com"



3p6

High-Performance Taps

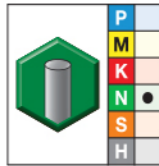
• GN1515 TiN + CrC/C for aluminum



- first choice
- alternate choice

Shank Tolerance	
D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

■ GX47 • Form E Bottoming Chamfer • Through Coolant M6 and Larger • Metric



GN1515	D1 size	metric dimensions					D	number of flutes	class of fit
		L	L3	L2	LS				
12866	M6 X 1	70	12	24	42	6,0	3	6HX	
12867	M8 X 1,25	80	15	32	43	8,0	3	6HX	
12869	M10 X 1	90	18	40	44	10,0	3	6HX	
12868	M10 X 1,5	90	18	40	44	10,0	3	6HX	
12872	M12 X 1,5	100	21	48	46	12,0	3	6HX	
12870	M12 X 1,75	100	21	48	46	12,0	3	6HX	
12874	M14 X 1,5	110	24	56	52	12,0	4	6HX	
12873	M14 X 2	110	24	56	52	12,0	4	6HX	
12876	M16 X 1,5	110	24	64	44	14,0	4	6HX	
12875	M16 X 2	110	24	64	44	14,0	4	6HX	

NOTE: Proprietary technology.



**WIDIA Tri-Element**  
 Opacity: 100%  
 Mode: Multiply

HEADLINE GOES IN THIS AREA IN CAP LETTERS

Helvetica Neue LT Pro 47 Light Condensed  
 Size: 56      Leading: 54  
 Kerning: Optical      Tracking: 0  
 Space Before: 0p0      Space After: 0p0  
 Case: ALL CAPS or Sentence case

EXTREME CHALLENGES.  
 EXTREME RESULTS.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum quis tincidunt purus. Sed in pulvinar tellus. Cras et tempus magna. Pulvinar. Quisque efficitur mauris mi, et posuere.

Helvetica Neue LT Pro 57 Condensed  
 Size: 10      Leading: 16  
 Kerning: Optical      Tracking: 0  
 Space Before: 0p6      Space After: 0p0

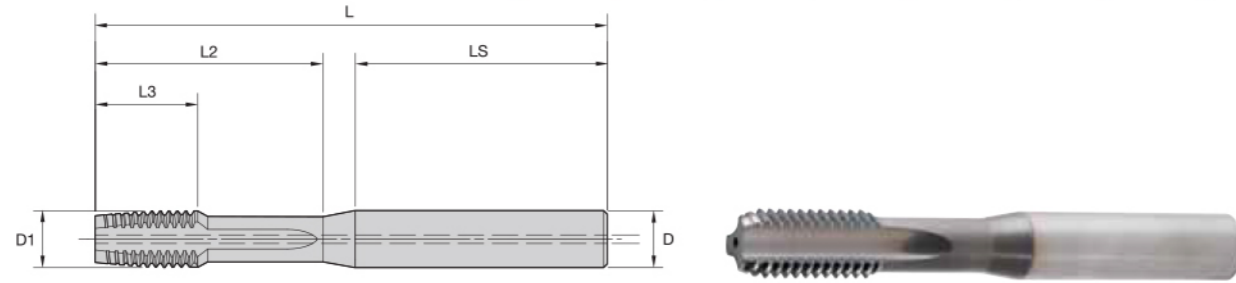
Phasellus ut arcu nec purus efficitur venenatis id sit amet arcu. Cras scelerisque arcu ut mauris ultricies placerat. [widia.com](http://widia.com)

[widia.com](http://widia.com)  
 Helvetica Neue LT Pro 77 Bold  
 Size: 10      Leading: 16  
 Kerning: Optical      Tracking: 0  
 NO "www." and NO period after ".com"

3X **WIDIA**

High-Performance Taps

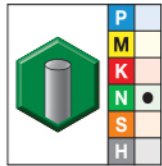
• GN1515 TiN + CrC/C for aluminum



- first choice
- alternate choice

Shank Tolerance	
D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

■ GX47 • Form E Bottoming Chamfer • Through Coolant M6 and Larger • Metric



GN1515	D1 size	metric dimensions					D	number of flutes	class of fit
		L	L3	L2	LS				
12866	M6 X 1	70	12	24	42	6,0	3	6HX	
12867	M8 X 1,25	80	15	32	43	8,0	3	6HX	
12869	M10 X 1	90	18	40	44	10,0	3	6HX	
12868	M10 X 1,5	90	18	40	44	10,0	3	6HX	
12872	M12 X 1,5	100	21	48	46	12,0	3	6HX	
12870	M12 X 1,75	100	21	48	46	12,0	3	6HX	
12874	M14 X 1,5	110	24	56	52	12,0	4	6HX	
12873	M14 X 2	110	24	56	52	12,0	4	6HX	
12876	M16 X 1,5	110	24	64	44	14,0	4	6HX	
12875	M16 X 2	110	24	64	44	14,0	4	6HX	

NOTE: Proprietary technology.

# HEADLINE GOES IN THIS AREA

Helvetica Neue LT Pro 57 Condensed  
 Size: 70      Leading: 64  
 Kerning: Optical      Tracking: 0  
 Space Before: 0p0      Space After: 0p0  
 Case: ALL CAPS or Sentence case

WIDIA Tri-Element  
 Opacity: 100%  
 Mode: Multiply



## EXTREME CHALLENGES. EXTREME RESULTS.

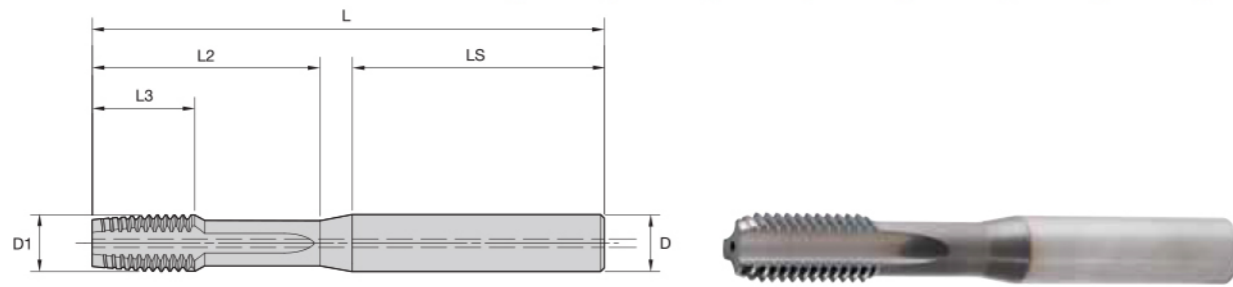
4X  
 X  
 2X  
 2X  
 3X  
 2X

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum quis tincidunt purus. Sed in pulvinar tellus. Cras et tempus ma pulvinar. Quisque efficitur mauris mi, et p Phasellus ut arcu nec purus efficitur venenatus id sit amet arcu. Cras scelerisque arcu ut mauris ultricies placerat. [widia.com](http://widia.com)

Helvetica Neue LT Pro 57 Condensed  
 Size: 10      Leading: 16  
 Kerning: Optical      Tracking: 0  
 Space Before: 0p6      Space After: 0p0

[widia.com](http://widia.com)  
 Helvetica Neue LT Pro 77 Bold  
 Size: 10      Leading: 16  
 Kerning: Optical      Tracking: 0  
 NO "www." and NO period after ".com"

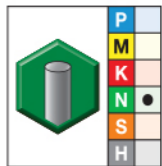
• GN1515 TiN + CrC/C for aluminum



● first choice  
○ alternate choice

Shank Tolerance	
D	tolerance h6
6	+0, -0,008
8-10	+0, -0,009
12-16	+0, -0,011

■ GX47 • Form E Bottoming Chamfer • Through Coolant M6 and Larger • Metric

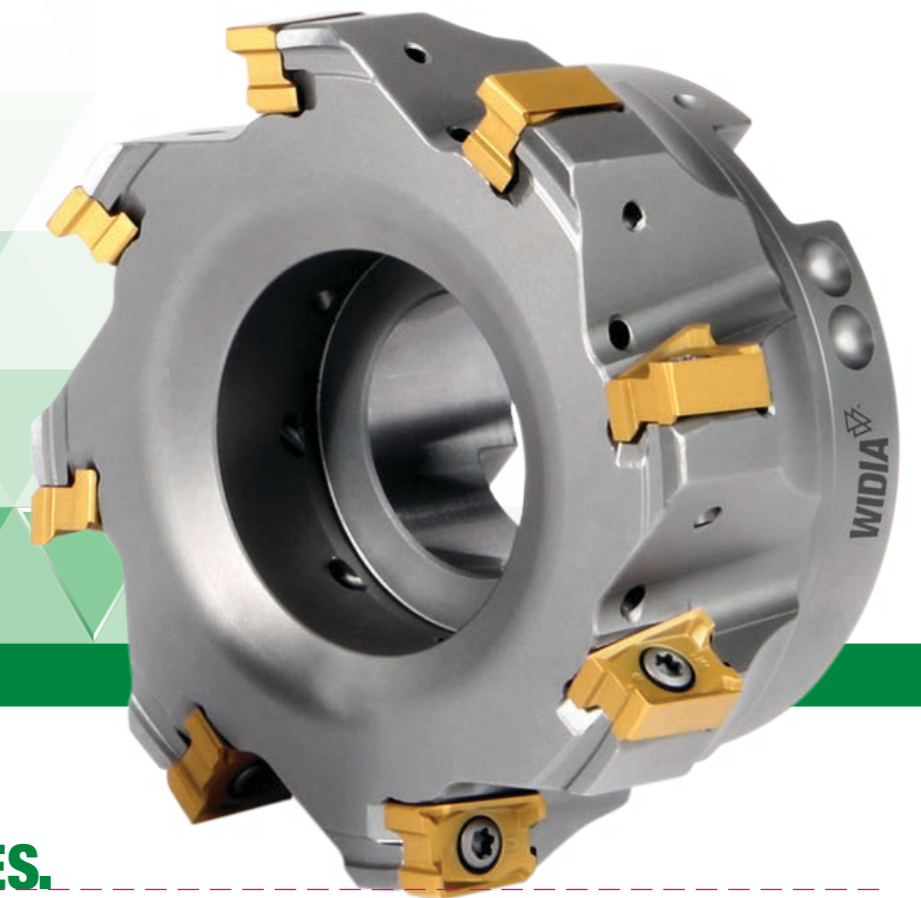


GN1515	D1 size	metric dimensions					D	number of flutes	class of fit
		L	L3	L2	LS				
12866	M6 X 1	70	12	24	42	6,0	3	6HX	
12867	M8 X 1,25	80	15	32	43	8,0	3	6HX	
12869	M10 X 1	90	18	40	44	10,0	3	6HX	
12868	M10 X 1,5	90	18	40	44	10,0	3	6HX	
12872	M12 X 1,5	100	21	48	46	12,0	3	6HX	
12870	M12 X 1,75	100	21	48	46	12,0	3	6HX	
12874	M14 X 1,5	110	24	56	52	12,0	4	6HX	
12873	M14 X 2	110	24	56	52	12,0	4	6HX	
12876	M16 X 1,5	110	24	64	44	14,0	4	6HX	
12875	M16 X 2	110	24	64	44	14,0	4	6HX	

NOTE: Proprietary technology.

# HEADLINE GOES IN THIS AREA ON THREE LINES

Helvetica Neue LT Pro 57 Condensed  
Size: 70      Leading: 64  
Kerning: Optical      Tracking: 0  
Space Before: 0p0      Space After: 0p0  
Case: ALL CAPS or Sentence case



WIDIA Tri-Element  
Opacity: 100%  
Mode: Multiply

## EXTREME CHALLENGES. EXTREME RESULTS.

10p0  
3p6  
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum quis tincidunt purus. Sed in pulvinar tellus. Cras et tempus ma pulvinar. Quisque efficitur mauris mi, et p Phasellus ut arcu nec purus efficitur venenatus id sit amet arcu. Cras scelerisque arcu ut mauris ultricies placerat. [widia.com](http://widia.com)

Helvetica Neue LT Pro 57 Condensed  
Size: 10      Leading: 16  
Kerning: Optical      Tracking: 0  
Space Before: 0p6      Space After: 0p0

widia.com

Helvetica Neue LT Pro 77 Bold  
Size: 10      Leading: 16  
Kerning: Optical      Tracking: 0  
NO "www." and NO period after ".com"

3X WIDIA