

# Pipe Taps for NPSF Dryseal Threads

For American Straight Pipe Threads

## NPSF



\*1 See blank type on page 97.  
\*2 "BR" of code No. stands for Bright finish taps

Unit : inch

Size	Class	Chamfer	*2 Code No.	Basic major diameter	$l_g$	$L$	$l$	$D_s$	Number of flutes	*1 Blank type
1/8 - 27	ANSI G	5P	Y83326	-	-	2.13	0.75	0.4375	4	Ub
			Y83326BR							
			Y83327							
			Y83327BR							
1/4 - 18	ANSI G	5P	Y83328	-	-	2.44	1.063	0.5625	4	Ub
			Y83328BR							
3/8 - 18	ANSI G	5P	Y83329	-	-	2.56	1.063	0.7	4	Ub
1/2 - 14	ANSI G	5P	Y83330	-	-	3.13	1.375	0.6875	4	Ub
			Y83330BR							
3/4 - 14	ANSI G	5P	Y83331	-	-	3.25	1.375	0.9063	5	Ub
			Y83331BR							
1 - 11.5	ANSI G	5P	Y83332	-	-	3.75	1.75	1.125	5	Ub
			Y83332BR							

Overall length	Length of thread part	Length of chamfer part	Shank diameter
$L$	$l$	$l_c$	$D_s$

# AR-D HSS Industrial Quality HSS Adjustable Round Dies

For Unified threads



Vanadium High Speed Steel Dies

YMW round adjustable dies are manufactured on state of the art machining centers for the highest quality dies possible.

※ See blank type on page 69.

Unit : inch

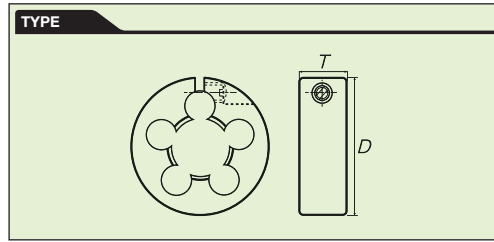
Size	Class	Code No.	D	T	Number of chip holes
No.5 - 40UNC	2A	Y60365	13/16"	1/4"	3
No.5 - 44UNF	2A	Y60366	13/16"	1/4"	3
No.6 - 32UNC	2A	Y60367	13/16"	1/4"	3
		Y60368	1"	3/8"	
No.6 - 40UNF	2A	Y60370	13/16"	1/4"	3
No.8 - 32UNC	2A	Y60372	13/16"	1/4"	3
		Y60373	1"	3/8"	
No.8 - 36UNF	2A	Y60374	13/16"	1/4"	3
No.10 - 24UNC	2A	Y60376	13/16"	1/4"	4
		Y60377	1"	3/8"	
No.10 - 32UNF	2A	Y60379	13/16"	1/4"	4
		Y60380	1"	3/8"	
No.12 - 28UNF	2A	Y60383	13/16"	1/4"	4
No.12 - 24UNC	2A	Y60381	13/16"	1/4"	4
		Y60382	1"	3/8"	
1/4 - 20UNC	2A	Y60333	13/16"	1/4"	4
		Y60334	1"	3/8"	
		Y60335	1-1/2"	1/2"	
1/4 - 28UNF	2A	Y60336	13/16"	1/4"	4
		Y60337	1"	3/8"	
		Y60338	1-1/2"	1/2"	
5/16 - 18UNC	2A	Y60339	13/16"	1/4"	5
		Y60340	1"	3/8"	
		Y60341	1-1/2"	1/2"	
5/16 - 24UNF	2A	Y60342	13/16"	1/4"	5
		Y60343	1"	3/8"	
		Y60344	1-1/2"	1/2"	
3/8 - 16UNC	2A	Y60346	1-1/2"	1/2"	4
3/8 - 16UNC	2A	Y60345	1"	3/8"	5
3/8 - 24UNF	2A	Y60347	1"	3/8"	5
		Y60348	1-1/2"	1/2"	
7/16 - 14UNC	2A	Y60349	1"	3/8"	5
		Y60350	1-1/2"	1/2"	
7/16 - 20UNF	2A	Y60351	1"	3/8"	5
		Y60352	1-1/2"	1/2"	
1/2 - 13UNC	2A	Y60353	1-1/2"	1/2"	4
1/2 - 20UNF	2A	Y60354	1-1/2"	1/2"	4

# AR-D HSS Industrial Quality HSS Adjustable Round Dies

For Unified threads

Unit : inch

Size	Class	Code No.	D	T	Number of chip holes
9/16 - 12UNC	2A	Y60355	1-1/2"	1/2"	5
9/16 - 18UNF	2A	Y60356	1-1/2"	1/2"	5
5/8 - 11UNC	2A	Y60357	1-1/2"	1/2"	5
		Y60358	2"	5/8"	4
5/8 - 18UNF	2A	Y60359	1-1/2"	1/2"	5
		Y60360	2"	5/8"	4
3/4 - 10UNC	2A	Y60361	2"	5/8"	5
3/4 - 16UNF	2A	Y60362	2"	5/8"	5
7/8 - 9UNC	2A	Y60363	2"	5/8"	6
7/8 - 14UNF	2A	Y60364	2"	5/8"	6



## Explanation of icons

High Speed Steel	Oxide and nitride surface toughening treatment	For left-hand screw threads
Cobalt High Speed Steels	Titanium Nitride coating	For synchronized tapping
Powder High Speed Steels	Titanium Carbon Nitride coating	Number of pitches for chamfer part
Ultra micro grain tungsten carbide	Titanium Nitride Aluminum coating	For through hole
Cemented carbide	With oil hole for blind hole tapping	For horizontal blind hole
Alloy tool steels	With oil hole for through hole tapping	For vertical blind hole
Oxide surface treatment	Helix angle of spiral flute	For blind hole
Nitride surface toughening treatment	Helix angle of left-hand spiral flute	

## Explanation of dimension series numbers

Overall length	Length of thread part	Length of chamfer part	Length of neck part	Basic major diameter	Shank diameter	Length of square part	Width of square part	Neck diameter
<i>L</i>	<i>l</i>	<i>l<sub>c</sub></i>	<i>l<sub>n</sub></i>	<i>D</i>	<i>D<sub>s</sub></i>	<i>l<sub>k</sub></i>	<i>K</i>	<i>D<sub>n</sub></i>