

Tap & Die Sets

Ground Thread

3 Piece NPT Taper Pipe Tap Sets

Set includes one each: Taps (3 Sizes).

Wooden Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1-1/4"-11-1/2 1-1/2"-11-1/2 2"-11-1/2	314-9503	314-9603



6 Piece NPT Taper Pipe Tap Sets

Set includes one each: Taps (6 Sizes).

Wooden Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-18 1/2-14 1"-11-1/2 3/8-18 3/4-14 1-1/4"-11-1/2	314-9506	314-9606



12 Piece Tap & Die Sets

Set includes one each of:

Taps and 1" O.D. Round Dies(5 Sizes).

Adjustable Die Stock 1".

Straight Handle Tap Wrench1/16"-1/2".



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-20NC 3/8-16 NC 1/2-13NC 5/16-18 NC 7/16-14 NC	314-9513	314-9613

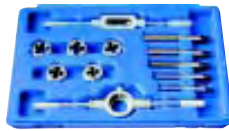
12 Piece Tap & Die Sets

Set includes one each of:

Taps and 1" O.D. Round Dies(5 Sizes).

Adjustable Die Stock 1".

Straight Handle Tap Wrench1/16"-1/2".



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-28 NF 3/8-24 NF 1/2-20NF 5/16-24NF 7/16-20 NF	314-9514	314-9614

16 Piece Tap & Die Sets

Set includes one each of:

Taps and 1-1/2" O.D. Round Dies (7 Sizes).

Adjustable Die Stock 1-1/2".

Straight Handle Tap Wrench1/4"-3/4".



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-28 NF 5/16-24NF 7/16-20 NF 5/8-18 NF 3/8-24 NF 1/2-20NF 3/4-16 NF	314-9516	314-9616

16 Piece Tap & Die Sets

Set includes one each of:

Taps and 1-1/2" O.D. Round Dies(7Sizes).

Adjustable Die Stock 1-1/2".

Straight Handle Tap Wrench1/4"-3/4".



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-20NC 5/16-18 NC 7/16-14 NC 5/8-11NC 3/8-16 NC 1/2-13NC 3/4-10 NC	314-9517	314-9617

20 Piece Tap & Die Sets

Set includes one each of:

Taps and 1" O.D. Round Dies(9 Sizes).

Adjustable Die Stock.

Straight Handle Tap Wrench.

Polyethylene Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
6-32NC 12-24NC 3/8-16NC 8-32NC 1/4-20NC 7/16-14NC 10-24NC 5/16-18NC 1/2-13NC	314-9520	314-9620



21 Piece Tap & Die Sets

Set includes one each of:

Taps and 1-1/2" O.D. Round dies.(8 Sizes)

Die Stock 1-1/2".

Straight Handle Tap Wrench1/4"-3/4".

T-Tap Wrench 1/4"-1/2"

Screw Driver

Screw Pitch Gage 12-40 Pitch

Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-20NC 7/16-14 NC 5/8-11NC 5/16-18 NC 1/2-13NC 3/4-10 NC 3/8-16 NC 9/16-12NC	314-9523	314-9623



22 Piece Tap & Die Sets

Set includes one each of:

Taps and 1" O.D. round dies. (10Sizes)

Die Stock 1".

Straight Handle Tap Wrench1/16"-1/2".



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-20NC 5/16-18 NC 1/2-13NC 3/8-24 NF 3/8-16 NC 1/4"-28 NF 7/16-20 NF 7/16-14 NC 5/16-24NF 1/2-20NF	314-9522	314-9622

32 Piece Metric Tap and Die Set

DIN 352 Taps & DIN 223 Dies

Set includes one each:

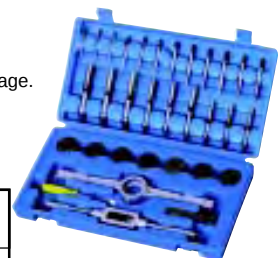
Taps (21 metric thread sizes) Screw pitch gage.

Dies (7 metric thread sizes) Screw driver.

Adjustable die stock.

Adjustable handle tap wrench.

Plastic Case	
Descriptions	Order No.
H.S.S	314-9532
Carbon Steel	314-9632



Remark: V= Coarse Tap, M= Middle Tap, F= Fine Tap.

Size of Dies	Thread Size & Pitch		
M3x0.5	M3(V)	M3(M)	M3(F)
M4x0.7	M4(V)	M4(M)	M4(F)
M5x0.8	M5(V)	M5(M)	M5(F)
M6x1.0	M6(V)	M6(M)	M6(F)
M8x1.25	M8(V)	M8(M)	M8(F)
M10x1.5	M10(V)	M10(M)	M10(F)
M12x1.75	M12(V)	M12(M)	M12(F)

Tap & Die Sets

30 Piece Tap & Die Sets

Set includes one each of:

Taps and 1-1/2" O.D. Round Dies.(14 Sizes)

Die Stock 1-1/2".

Straight Handle Tap wrench 1/4"-3/4".



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-20NC 1/2-13NC 5/16-24NF 5/8-18 NF	314-9530	314-9630
5/16-18 NC 5/8-11NC 3/8-24 NF 3/4-16 NF		
3/8-16 NC 3/4-10 NC 7/16-20 NF		
7/16-14 NC 1/4"-28 NF 1/2-20NF		

39 Piece Tap & Die Sets

Set includes one each of:

Taps and 1" O.D. Round Dies.(17 Sizes)

Die Stock 1".

Straight Handle Tap Wrench 1/16"-1/2"

T handle Tap Wrench 0-1/4".

Screw Driver

Screw Pitch Gage



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
4-40NC	314-9540	314-9640
6-32NC 1/4-20NC 1/2-13NC 3/8-24 NF		
8-32NC 5/16-18 NC 10-32NF 7/16-20 NF		
10-24NC 3/8-16 NC 1/4-28 NF 1/2-20NF		
12-24NC 7/16-14 NC 5/16-24NF 1/8-27 NPT		

39 Piece Tap & Die Sets

Set includes one each of:

Taps and 1" Hex Dies.(17 Sizes)

Hex Die Stock.

Straight Handle Tap Wrench

1/16"-1/2"

T handle Tap Wrench 0-1/4".

Screw Driver

Screw Pitch Gage



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
4-40NC	314-9539	314-9639
6-32NC 1/4-20NC 1/2-13NC 3/8-24 NF		
8-32NC 5/16-18 NC 10-32NF 7/16-20 NF		
10-24NC 3/8-16 NC 1/4-28 NF 1/2-20NF		
12-24NC 7/16-14 NC 5/16-24NF 1/8-27 NPT		

Drill & Tap Sets

HSS, Ground



Sizes	Order No.
Inch Tap(NC):6-32,8-32,10-24,10-32,1/4-20,5/16-18,3/8-16,7/16-14,1/2-13; Drill:36#,29#,25#,21#,7#,F,5/16,U,27/64"	314-9581
Inch Tap(NF),6-40,8-36,10-24,10-32,1/4-28,5/16-24,3/8-24,7/16-20,1/2-20; Drill:33#,29#,25#,21#,3#,I,Q,25/64",29/64"	314-9582
Metric Tap:M2.5x0.45,3.0x0.5,3.5x0.6,4.0x0.7,5.0x0.8,6.0x1.0,8.0x1.25,10.0x1.50,12.0x1.75; Drill:2.05,2.5,2.9,3.3,4.2,5.0,6.7,8.5,10.20mm.	314-9583

Ground Thread

41 Piece Tap & Die Sets

Set includes one each of:

Taps and 1-1/2" O.D. Round Dies.

(18 Sizes)

Die Stock 1-1/2".

Straight Handle Tap Wrench 1/4"-3/4".

T-Tap Wrench 0-1/4"

Screw Driver

Screw Pitch Gage 12-40 Pitch



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-20NC 5/16-24NF	314-9541	314-9641
5/16-18 NC 3/8-24 NF		
3/8-16 NC 7/16-20 NF		
7/16-14 NC 1/2-20NF		
1/2-13NC 9/16-18NF		
9/16-12NC 5/8-18 NF		
5/8-11NC 3/4-16 NF		
3/4-10 NC 1/8-27 NPT		
1/4"-28 NF 1/4-18NPT		

44 Piece Tap & Die Sets

Set includes one each:

Plug Taps and Adjustable Dies

for the 20 thread sizes.

Die Stock with Adapter.

Straight Handle Tap Wrench.

T-Handle Tap Wrench.

Screw Driver.



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4" -20NC 1-14NF	314-9545	314-9645
5/16-18 NC 1/4"-18NF		
3/8-16NC 5/16-24NF		
7/16-14NC 3/8-24NF		
1/2-13NC 7/16-20NF		
9/16-12NC 1/2-20NF		
5/8-11NC 9/16-18NF		
3/4-10NC 5/8-18NF		
7/8-9NC 3/4-16NF		
1-8NC 7/8-14NF		

45 Piece Tap & Die Sets

Set includes one each:

Taps and Round Dies.(20 Sizes)

Die Stock 1-1/2".

Adjustable Die Stock 2".

Straight Handle Tap Wrench 1/4"-3/4".

Straight Handle Tap Wrench 3/8"-1".

Screw Driver



Plastic Case

Thread Size & Pitch	H.S.S. Order No.	Carbon Steel Order No.
1/4"-20NC 1/4"-28 NF	314-9544	314-9644
5/16-18 NC 5/16-24NF		
3/8-16 NC 3/8-24 NF		
7/16-14 NC 7/16-20 NF		
1/2-13NC 1/2-20NF		
9/16-12NC 9/16-18NF		
5/8-11NC 5/8-18 NF		
3/4-10 NC 3/4-16 NF		
7/8-9NC 7/8-14 NF		
1-8 NC 1-14NS		

Tap & Die Sets

64 Piece Tap & Die Sets

Ground Thread

Set includes one each:

Taps and Round Dies.(28 Sizes)

Die Stock 1" O.D.

Die Stock 1-1/2" O.D.

Die Stock 2" O.D.

Straight Handle Tap Wrench 1/16"-1/2"

Straight Handle Tap Wrench 3/8"-1"

T-Handle Tap Wrench 0-1/4".

Screw Driver

Screw Pitch Gage 12-40 Pitch



Plastic Case

Thread Size & Pitch				H.S.S. Order No.	Carbon Steel Order No.
4-40NC	3/8-16 NC	1-8 NC	9/16-18NF	314-9564	314-9664
6-32NC	7/16-14 NC	10-32NF	5/8-18 NF		
8-32NC	1/2-13NC	1/4-28 NF	3/4-16 NF		
10-24NC	9/16-12NC	5/16-24NF	7/8-14 NF		
12-24NC	5/8-11NC	3/8-24 NF	1/8-27 NPT		
1/4-20NC	3/4-10 NC	7/16-20 NF	1/4-18NPT		
5/16-18 NC	7/8-9NC	1/2-20NF	1-14NS		

110 Piece Tap & Die Sets

Set includes one each:

Taper Taps, Bottom Taps and Round Dies.

(35 Sizes)

Die Stock 1" O.D.

Die Stock 1-1/2" O.D.

Straight Handle Tap Wrench 1/4"-3/4"

Straight Handle Tap Wrench 1/16"-1/2"

T-Handle Tap Wrench 0-1/4".



Plastic Case

Thread Size & Pitch				H.S.S. Order No.	Carbon Steel Order No.
4-40NC	1/2-13NC	1/2-20NF	M8X1.25	314-9596	314-9696
6-32NC	9/16-12NC	9/16-18NF	M10X1.0		
8-32NC	5/8-11NC	5/8-18 NF	M10X1.5		
10-24NC	3/4-10 NC	3/4-16 NF	M11X1.5		
12-24NC	10-32NF	1/4-24NS	M12X1.5		
1/4-20NC	1/4-28 NF	1/4-32NS	M12X1.75		
5/16-18 NC	5/16-24NF	1/8-27 NPT	M14X1.25		
3/8-16 NC	3/8-24 NF	1/4-18NPT	M18X1.5		
7/16-14 NC	7/16-20 NF	M6X1.0			

44 Piece Tap & Die Sets

Set includes one each:

Taps and Round Dies.(20 Sizes)

2" Adjustable Die Stock with Adapter.

Straight Handle Tap Wrench

T-Handle Tap Wrench.

Screw Driver



Plastic Case

Thread Size & Pitch			H.S.S. Order No.	Carbon Steel Order No.
1/4"-20NC	3/4-10 NC	1/2-20NF	314-9551	314-9651
5/16-18 NC	7/8-9NC	9/16-18NF		
3/8-16 NC	1-8 NC	5/8-18 NF		
7/16-14 NC	1/4"-28 NF	3/4-16 NF		
1/2-13NC	5/16-24NF	7/8-14 NF		
9/16-12NC	3/8-24 NF	1-14NS		
5/8-11NC	7/16-20 NF			

60 Piece Metric, Inch Tap & Die Sets

Set includes one each:

Plug taps and 1" round dies.(27 sizes)

Adjustable die stock.

Adjustable handle tap wrench.

T-Handle tap wrench.

Screw driver.

2 Screw pitch gage.

Plastic Case



Thread Size & Pitch				H.S.S. Order No.	Carbon Steel Order No.
1/4"-20NC	8-32NC	1/2-20NF		314-9560	314-9660
5/16-18NC	10-24NC	10-32NF	7mmx1.0		
3/8-16NC	12-24NC	1/8-27 NPT	8mmx1.25		
7/16-14NC	1/4"-28NF	3mmx.5	9mmx1.25		
1/2-13NC	5/16-24NF	4mmx.7	10mmx1.5		
4-40NC	3/8-24NF	5mmx.8	10mmx1.0		
6-32NC	7/16-20NF	6mmx1.0	12mmx1.75		

39 Piece Metric Tap & Die Sets
3mm-12mm

Set includes one each:

Taps and 1" round dies. Screw pitch gage.

(17 metric thread sizes) Screw driver.

Adjustable die stock.

Adjustable handle tap wrench.

T-Tap wrench



Plastic Case

Thread Size & Pitch				H.S.S. Order No.	Carbon Steel Order No.
3mmx0.5	5mmx0.9	7mmx1.0	10mmx1.5	314-9535	314-9635
3mmx0.6	6mmx0.75	8mmx1.0	12mmx1.5		
4mmx0.7	6mmx1.0	8mmx1.25	12mmx1.75		
4mmx0.75	7mmx0.75	10mmx1.25	1/8-27 NPT		
5mmx0.8					

44 Piece Metric Tap & Die Sets
6mm-24mm

Set includes one each:

Taps and adjustable dies.

T-Tap wrench

(20 metric thread sizes)

Screw driver.

Adjustable die stock.

Adjustable handle tap wrench.



Plastic Case

Thread Size & Pitch				H.S.S. Order No.	Carbon Steel Order No.
6mmx0.75	10mmx1.5	16mmx1.5	20mmx2.5	314-9547	314-9647
6mmx1.0	12mmx1.5	16mmx2.0	22mmx1.5		
8mmx1.0	12mmx1.75	18mmx1.5	22mmx2.5		
8mmx1.25	14mmx1.5	18mmx2.5	24mmx1.5		
10mmx1.25	14mmx2.0	20mmx1.5	24mmx3.0		

29 Piece Metric Tap and Drill Set,DIN 352

Set includes one each:

Taps (21 metric thread sizes)

Drills (7 metric sizes)

Adjustable handle tap wrench.

Remark: V= Coarse Tap, M= Middle Tap, F= Fine Tap.

Size of Drills	Thread Size & Pitch		
M3	M3(V)	M3(M)	M3(F)
M4	M4(V)	M4(M)	M4(F)
M5	M5(V)	M5(M)	M5(F)
M6	M6(V)	M6(M)	M6(F)
M8	M8(V)	M8(M)	M8(F)
M10	M10(V)	M10(M)	M10(F)
M12	M12(V)	M12(M)	M12(F)



Metal Case

Order No. 314-9529