

SIZE/ DESCRIPTION	GH #	CLASS OF FIT	# FLUTES	ITEM #		OVERALL LENGTH	THREAD LENGTH	SHANK DIAMETER	SQUARE DIAMETER	SQUARE LENGTH
				PLUG	BOTTOM					
<b>1 1/2"-10 NS</b>						<i>Recommended Hole Size based on 75% Thread = 1.402"</i>				
HAND TAP	5	3B	6	17228	17229	6.38	3.00	1.2330	0.925	1.13
<b>1 1/2"-11 55° WHITWORTH PIPE</b>						<i>Recommended Hole Size: BSPT = 1.750" / BSPP = 1.7656"</i>				
BSPT TAPER - MODIFIED TAP			7	17231	17232	4.25	1.75	1.5000	1.125	1.00
BSPP PARALLEL - MODIFIED TAP			7	17234	17235	4.25	1.75	1.5000	1.125	1.00
BSPT TAPER - FULL FORM TAP			7	17939		4.25	1.75	1.5000	1.125	1.00
BSPP PARALLEL - FULL FORM TAP			7	17930		4.25	1.75	1.5000	1.125	1.00
GAGE BSPP DBL END w/ handle				27062						
GAGE BSPT w/handle				27023						
<b>1 1/2"-11.5 PIPE NPS NPT/F</b>						<i>Recommended Hole Size: NPT/NPTF = 1.7344" NPSC = 1.750" / NPSM = 1.7913"</i>				
NPT/F LEFT HAND TAPER TAP			7	17237		4.25	1.75	1.5000	1.125	1.00
NPS STRAIGHT TAP			7	17240		4.25	1.75	1.5000	1.125	1.00
GAGE L1 NPT PLG w/handle				24392						
GAGE L1 NPT RING				24390						
GAGE L1 NPTF PLG w/handle				24482						
GAGE L3 NPTF PLG w/handle				24484						
GAGE NPTF 6 step Plain Plug w/handle				24556						
GAGE L1 NPTF RING				24518						
GAGE L2 NPTF RING				24520						
GAGE NPTF 6 step Plain Ring				24590						
<b>1 1/2"-12 NF</b>						<i>Recommended Hole Size based on 75% Thread = 1.419"</i>				
L.H. HAND TAP	4	3B	6	17244	17245	6.38	3.00	1.2330	0.925	1.13
HAND TAP	6	2B	6	17248	17249	6.38	3.00	1.2330	0.925	1.13
R.H. ROUND DIE 2-1/2 "OD				13394						
L.H. ROUND DIE 2-1/2 "OD				13395						
GAGE - Taperlock Style		2B		23343						
GAGE - Taperlock Style		3B		23344						
GAGE - Ring-Go		2A		23758						
GAGE - Ring-Go		3A		23759						
GAGE - Ring-NoGo		2A		23760						
GAGE - Ring-NoGo		3A		23761						
<b>1 1/2"-16 NS</b>						<i>Recommended Hole Size based on 75% Thread = 1.439"</i>				
HAND TAP	4	3B	6	17252	17253	4.00	1.50	1.2330	0.925	1.00
R.H. ROUND DIE 2-1/2 "OD				13398						
<b>1 1/2"-16 NS</b>						<i>See Previous Page for Recommended Hole Size</i>				
GAGE - Taperlock Style		2B		22660						
GAGE - Taperlock Style		3B		22661						
GAGE - Ring-Go		2A		22662						
GAGE - Ring-Go		3A		22663						
GAGE - Ring-NoGo		2A		22664						
GAGE - Ring-NoGo		3A		22665						
<b>1 1/2"-18 NEF</b>						<i>Recommended Hole Size based on 75% Thread = 1.446"</i>				
HAND TAP	4	3B	6	17256	17257	4.00	1.50	1.2330	0.925	1.00

## TAPS, DIES &amp; GAGES

SIZE/ DESCRIPTION	GH #	CLASS OF FIT	# FLUTES	ITEM #		OVERALL LENGTH	THREAD LENGTH	SHANK DIAMETER	SQUARE DIAMETER	SQUARE LENGTH
				PLUG	BOTTOM					
<b>1 1/2"-18 NEF</b>						<i>See Previous Page for Recommended Hole Size</i>				
<b>HAND TAP</b>	<b>6</b>	<b>2B</b>	<b>6</b>	<b>17260</b>	<b>17261</b>	<b>4.00</b>	<b>1.50</b>	<b>1.2330</b>	<b>0.925</b>	<b>1.00</b>
R.H. ROUND DIE 2-1/2" OD				13400						
GAGE - Taperlock Style		2B		23348						
GAGE - Taperlock Style		3B		23349						
GAGE - Ring-Go		2A		23764						
GAGE - Ring-Go		3A		23765						
GAGE - Ring-NoGo		2A		23766						
GAGE - Ring-NoGo		3A		23767						
<b>1 1/2"-20 NS</b>						<i>Recommended Hole Size based on 75% Thread = 1.451"</i>				
<b>HAND TAP</b>	<b>4</b>	<b>3B</b>	<b>6</b>	<b>17264</b>	<b>17265</b>	<b>4.00</b>	<b>1.50</b>	<b>1.2330</b>	<b>0.925</b>	<b>1.00</b>
R.H. ROUND DIE 2-1/2" OD				13402						
GAGE - Taperlock Style		2B		22666						
GAGE - Taperlock Style		3B		22667						
GAGE - Ring-Go		2A		22668						
GAGE - Ring-Go		3A		22669						
GAGE - Ring-NoGo		2A		22670						
GAGE - Ring-NoGo		3A		22671						
<b>1 1/2"-24 NS</b>						<i>Recommended Hole Size based on 75% Thread = 1.459"</i>				
<b>HAND TAP</b>	<b>4</b>	<b>3B</b>	<b>8</b>	<b>17268</b>	<b>17269</b>	<b>4.00</b>	<b>1.50</b>	<b>1.2330</b>	<b>0.925</b>	<b>1.00</b>
<b>1 9/16"-16 NS</b>						<i>Recommended Hole Size based on 75% Thread = 1.502"</i>				
<b>HAND TAP</b>	<b>5</b>	<b>3B</b>	<b>6</b>	<b>17272</b>	<b>17273</b>	<b>5.00</b>	<b>2.00</b>	<b>1.3050</b>	<b>0.979</b>	<b>1.13</b>
<b>1 9/16"-18 NEF</b>						<i>Recommended Hole Size based on 75% Thread = 1.509"</i>				
<b>HAND TAP</b>	<b>5</b>	<b>3B</b>	<b>6</b>	<b>17276</b>	<b>17277</b>	<b>5.00</b>	<b>2.00</b>	<b>1.3050</b>	<b>0.979</b>	<b>1.13</b>
R.H. ROUND DIE 3" OD				13408						
<b>1 5/8"-5.5 NS</b>						<i>Recommended Hole Size based on 75% Thread = 1.448"</i>				
<b>HAND TAP</b>	<b>7</b>	<b>3B</b>	<b>6</b>	<b>17280</b>	<b>17281</b>	<b>6.69</b>	<b>3.19</b>	<b>1.3050</b>	<b>0.979</b>	<b>1.13</b>
<b>1 5/8"-8 NS</b>						<i>Recommended Hole Size based on 75% Thread = 1.503"</i>				
<b>HAND TAP</b>	<b>6</b>	<b>3B</b>	<b>6</b>	<b>17284</b>	<b>17285</b>	<b>6.69</b>	<b>3.19</b>	<b>1.3050</b>	<b>0.979</b>	<b>1.13</b>
<b>1 5/8"-12 NS</b>						<i>Recommended Hole Size based on 75% Thread = 1.544"</i>				
<b>HAND TAP</b>	<b>4</b>	<b>3B</b>	<b>6</b>	<b>17908</b>	<b>17909</b>	<b>5.00</b>	<b>2.00</b>	<b>1.3050</b>	<b>0.979</b>	<b>1.13</b>
<b>HAND TAP</b>	<b>6</b>	<b>2B</b>	<b>6</b>	<b>17288</b>	<b>17289</b>	<b>5.00</b>	<b>2.00</b>	<b>1.3050</b>	<b>0.979</b>	<b>1.13</b>
R.H. ROUND DIE 3" OD				13412						
GAGE - Trilock Style		2B		22672						
GAGE - Trilock Style		3B		22673						
GAGE - Ring-Go		2A		22674						
GAGE - Ring-Go		3A		22675						
GAGE - Ring-NoGo		2A		22676						
GAGE - Ring-NoGo		3A		22677						
<b>1 5/8"-16 NS</b>						<i>Recommended Hole Size based on 75% Thread = 1.564"</i>				
<b>HAND TAP</b>	<b>5</b>	<b>3B</b>	<b>6</b>	<b>17292</b>	<b>17293</b>	<b>5.00</b>	<b>2.00</b>	<b>1.3050</b>	<b>0.979</b>	<b>1.13</b>
R.H. ROUND DIE 3" OD				13414						
<b>1 5/8"-18 NEF</b>						<i>Recommended Hole Size based on 75% Thread = 1.571"</i>				
<b>HAND TAP</b>	<b>5</b>	<b>3B</b>	<b>6</b>	<b>17296</b>	<b>17297</b>	<b>5.00</b>	<b>2.00</b>	<b>1.3050</b>	<b>0.979</b>	<b>1.13</b>
R.H. ROUND DIE 3" OD				13416						