

Complete range of Dies & Die Nuts

- BSW, UNC, UNF & BSF
- BSP, BSPT & NPT
- BSB, ME & BA
- METRIC, COARSE AND FINE PITCH
- TAP WRENCH AND DIE HANDLES

**PRICE LIST EFFECTIVE
FROM 15-09-2026**

SEID

HSS External Threading Round Dies & Hex Nuts



HSS ROUND DIE METRIC COARSE PITCH

DIAMETER	PITCH	OD	THICKNESS	NO.CLEARANCE	THREADING	RATES
				HOLE	DIAMETER	
M2.0	0.4	13/16"	1/4"	3	1.96	400
M2.2	0.45	13/16"	1/4"	3	1.96	400
M2.3	0.4	13/16"	1/4"	3	1.96	400
M2.5	0.45	13/16"	1/4"	3	1.96	400
M3	0.5	13/16"	1/4"	3	2.95	400
M3.5	0.6	13/16"	1/4"	3	2.95	400
M4	0.7	13/16"	1/4"	3	3.95	400
M4.5	0.75	13/16"	1/4"	3	3.95	400
M5	0.8	13/16"	1/4"	3	4.95	400
M6	1	1"	1/4"	4	5.93	618
M7	1	1"	1/4"	4	6.93	618
M8	1.25	1"	3/8"	4	7.92	618
M9	1.24	1"	3/8"	4	8.93	618
M10	1.5	1"	3/8"	4	9.91	618
M12	1.75	1.1/2"	1/2"	4	11.9	1038
M14	2	1.1/2"	1/2"	5	13.89	1038
M16	2	1.1/2"	1/2"	5	15.89	1038
M18	2.5	1.1/2"	1/2"	6	17.88	1038
M20	2.5	2"	5/8"	5	19.88	1038
M22	2.5	2"	5/8"	5	21.88	2010
M24	3	2"	5/8"	5	23.88	2010
M25	3	2.1/4"	11/16"	6	23.88	2010
M27	3	2.1/4"	11/16"	6		2890
M30	3.5	2.1/4"	11/16"	6		2890
M33	3.5	2.1/4"	11/16"	6		2890
M36	4	75 MM	7/8"	6		3883
M39	4	75 MM	7/8"	6		3883
M42	4.5	75 MM	7/8"	6		5533
M45	4.5	75 MM	7/8"	6		5533
M48	5	90 MM	1"	6		10176

HSS ROUND DIE BSW, UNC, UNF

Diameter	TPI BSW	TPI BSF	TPI UNC	TPI UNF	OUTER		No Clearance HOLE	Threading Diameter	RATES
					Diameter A	Thickness B			
1/16"	60				13/16"	1/4"	3	1.56	400
3/32"	48				13/16"	1/4"	3	2.35	400
1/8"	40				13/16"	1/4"	3	3.14	400
5/32"	32				13/16"	1/4"	3	3.93	400
3/16"	24	32			13/16"	1/4"	3	4.72	400
7/32"	24	28			1"	1/4"	4	5.51	400
1/4"	20	26	20	28	1"	3/8"	3	6.31	400
9/32"	20	26			1"	3/8"	4	7.1	618
5/16"	18	22	18	24	1"	3/8"	4	7.88	618
3/8"	16	20	16	24	1"	3/8"	4	9.47	618
7/16"	14	18	14	20	1.1/2"	1/2"	4	11.05	1038
1/2"	12	16	13	20	1.1/2"	1/2"	4	12.63	1038
9/16"	12	16	12	18	1.1/2"	1/2"	5	14.21	1038
5/8"	11	14	11	18	1.1/2"	1/2"	5	15.8	1038
11/16"	11				1.1/2"	1/2"	6	17.39	1038
3/4"	10	12	10	16	1.1/2"	1/2"	6	18.97	1038
7/8"	9	11	9	14	2"	5/8"	5	22.14	2010
1"	8	10	8	12	2"	5/8"	6	25.3	2010
1.1/8"	7	9	7	12	2.1/4"	11/16"	6		2890
1.1/4"	7	9	7	12	2.1/4"	11/16"	6		2890
1.3/8"	6	8	6	12	65 MM	7/8"	6		2890
1.1/2"	6	8	6	12	75 MM	7/8"	6		3883
1.3/4"	5	7	5	14	90 MM	1"	6		5533
2"	4.5	7	5		90 MM	1"	6		10176

ROUND DIE BSP

DIAMETER	TPI BSP	Outer Dia		Thickness BSPT/NPT	NO. CLEARANCE HOLE	THREADING DIAMETER	THREADING DIAMETER	RATES
		A	B					
1/8"	28	1"	3/8"	10	4	9.68	9.68	618
1/4"	19	1.1/2"	1/2"	14	5	13.11	13.11	1038
3/8"	19	1.1/2"	1/2"	14	5	16.6	16.6	1038
1/2"	14	2"	5/8"	19	6	20.89	20.89	2010
5/8"	14	2"	5/8"		6	22.84	22.84	2010
3/4"	14	2"	5/8"	20	6	26.36		2010
7/8"	14	2.1/4"	5/8"		6+6	30.11		3468
1"	11	2.1/4"	5/8"	25	6+6	33.16		3468
1.1/8"	11	65 MM	11/16"		6			4659
1.1/4"	11	75 MM	7/8"	25	6			10176
1.3/8"	11	90 MM	1"					10176
1.1/2"	11	90 MM	1"	25	6			10176
1.3/4"	11	90 MM	1"					10176
2"	11	90 MM	1"	27	6			10176

HSS ROUND DIE BSP, BSPT, NPT

Diameter	TPI BSP	TPI NPT	TPI BSPT	Outer Dia A	Thickness B	Thickness BSPT/NPT	Clearance Hole	Threading Diameter	RATES
1/8"	28	27	28	1"	3/8"	10	4	9.68	922
1/4"	19	18	19	1.1/2"	1/2"	14	5	13.11	1565
3/8"	19	18	19	1.1/2"	1/2"	14	5	16.6	1565
1/2"	14	14	14	2"	5/8"	19	6	20.89	3150
5/8"	14			2"	5/8"		6	22.84	3150
3/4"	14	14	14	2"	5/8"	20	6	26.36	3150
7/8"	14			2.1/4"	5/8"		6+6	30.11	4552
1"	11	11.1/2	11	2.1/4"	5/8"	25	6+6	33.16	4552
1.1/8"	11			75 MM	7/8"		6		8674
1.1/4"	11	11.1/2	11	75 MM	7/8"	25	6		8674
1.3/8"	11			90 MM	1"				10765
1.1/2"	11	11.1/2	11	90 MM	1"	25	6		10765
1.3/4"	11			90 MM	1"				10765
2"	11	11.1/2	11	90 MM	1"	27	6		10765

HSS ROUND DIE METRIC FINE THREAD

DIAMETER	PITCH	OD	THICKNESS	No Clearance	THREADING	RATES
M3.0	0.35	13/16"	1/4"	3	2.96	450
M3.5	0.35	13/16"	1/4"	3	3.46	450
M4	0.5	13/16"	1/4"	3	3.95	450
M4.5	0.5	13/16"	1/4"	3	4.45	450
M5	0.5	13/16"	1/4"	3	4.95	450
M6	0.75	1"	1/4"	4	5.95	618
M7	0.75	1"	1/4"	4	6.95	618
M8	0.75	1"	3/8"	4	7.97	618
M8	1	1"	3/8"	4	7.93	618
M9	1	1"	3/8"	4	8.95	618
M10	1	1"	3/8"	4	9.93	618
M10	1.25	1"	3/8"	4	9.95	618
M12	1	1.1/2"	1/2"	5	11.93	1038
M12	1.25	1.1/2"	1/2"	5	11.92	1038
M12	1.5	1.1/2"	1/2"	4	11.91	1038
M14	1	1.1/2"	1/2"	5	13.93	1038
M14	1.25	1.1/2"	1/2"	5	13.92	1038
M14	1.5	1.1/2"	1/2"	5	13.91	1038
M16	1	1.1/2"	1/2"	5	15.93	1038
M16	1.5	1.1/2"	1/2"	5	15.91	1038
M18	1	1.1/2"	1/2"	6	17.91	1038
M18	1.5	1.1/2"	1/2"	6	17.91	1038
M18	2	1.1/2"	1/2"	6	17.91	1038

HSS ROUND DIE METRIC FINE THREAD

DIAMETER	PITCH	OD	Thickness	No Clearance	THREADING	RATES
M20	1.5	2"	1/2"	6	19.91	1038
M20	2	2"	5/8"	5	19.91	1038
M22	1.5	2"	5/8"	6	21.91	2010
M22	2	2"	5/8"	6	21.91	2010
M24	1.5	2"	5/8"	6	23.93	2010
M24	2	2"	5/8"	6	23.9	2010
M25	1.5	2.1/4"	5/8"	6	24.91	2010
M25	2	2.1/4"	5/8"	6	24.91	2010
M26	1.5	2.1/4"	5/8"	6	25.9	2010
M26	2	2.1/4"	5/8"	6	25.9	2010
M27	1.5	2.1/4"	5/8"	6+6	26.9	2890
M27	2	2.1/4"	5/8"	6+6	26.9	2890
M28	1.5	2.1/4"	5/8"	6+6	27.9	2890
M28	2	2.1/4"	5/8"	6+6	27.9	2890
M30	1.5	2.1/4"	5/8"	6+6	29.9	2890
M30	2	2.1/4"	5/8"	6+6	29.9	2890
M30	3	2.1/4"	5/8"	6+6	29.9	2890
M32	1.5	2.1/4"	11/16"	6+6		2890
M32	2	2.1/4"	11/16"	6+6		2890
M33	1.5	2.1/4"	11/16"	6+6		2890
M33	2	2.1/4"	11/16"	6+6		2890
M33	3	2.1/4"	11/16"	6+6		2890
M35	1.5	75 MM	7/8"	6		2890
M36	1.5	75 MM	7/8"	6		3883
M36	2	75 MM	7/8"	6		3883
M36	3	75 MM	7/8"	6	3800	3883
M39	1.5	75 MM	7/8"	6	3800	3883
M39	2	75 MM	7/8"	6	3800	3883
M39	3	75 MM	7/8"	6	3800	3883
M42	1.5	75 MM	7/8"	6	3800	5533
M42	2	75 MM	7/8"	6	3800	5533
M42	3	75 MM	7/8"	6	3800	5533
M42	4	75 MM	7/8"	6	3800	5533
M45	1.5	75 MM	7/8"	6	3800	5533
M45	2	75 MM	7/8"	6	3800	5533
M45	3	75 MM	7/8"	6	3800	5533
M45	4	75 MM	7/8"	6	3800	5533
M48	1.5	90 MM	1"	6	6500	9498
M48	2	90 MM	1"	6	6500	9498
M48	3	90 MM	1"	6	6500	9498
M48	4	90 MM	1"	6	6500	9498

HSS DIE NUT METRIC COARSE THREAD

DIAMETER	PITCH	ACROSS FLAT	THICKNESS	RATES
M3	0.5	0.710"	6.35	455
M3.5	0.6	0.710"	6.35	455
M4	0.7	0.710"	6.35	455
M4.5	0.75	0.710"	6.35	455
M5	0.8	0.710"	6.35	455
M6	1	0.710"	6.35	455
M7	1	0.710"	6.35	455
M8	1.25	0.920"	7.94	640
M9	1.24	0.920"	9.53	640
M10	1.5	0.920"	9.53	640
M11	2	1.100"	11.11	833
M12	1.75	1.100"	12.7	833
M14	2	1.300"	15.88	1633
M16	2	1.300"	15.88	1633
M18	2.5	1.480"	17.46	2180
M20	2.5	1.480"	17.46	2180
M22	2.5	1.670"	20.63	3033
M24	3	2.050"	23.81	4843
M25	3	2.050"	26.99	4843
M27	3	2.220"	26.99	6541
M30	3.5	2.220"	26.99	6541
M32	2	2.580"	26.99	8632
M33	3.5	2.580"	28.5	8632
M36	4	2.580"	28.5	8632
M39	4	2.760"	28.5	10072
M42	4.5	2.760"	28.5	10072

DIE NUT BSPT, NPT

DIAMETER	TPI	TPI	ACROSS	Thickness	RATE
	NPT	BSPT	FLAT		NPT/BSPT
1/8"	27	28	0.920"	10	1008
1/4"	18	19	1.100"	14	1473
3/8"	18	19	1.300"	14	2220
1/2"	14	14	1.670"	19	3920
3/4"	14	14	2.050"	20	5972
1"	11.1/2	11	2.580"	25	10660
1.1/2"	11.1/2	11	3.150"		19037
2"	11.1/2	11	3.740"		21874

HSS DIE NUT BSW, UNC, UNF

Diameter	TPI	TPI	TPI	TPI	ACROSS		RATES
	BSW	BSF	UNC	UNF	FLAT	THICKNESS	
1/8"	40				0.710"	6.35	455
5/32"	32				0.710"	6.35	455
3/16"	24	32			0.710"	6.35	455
7/32"	24	28			0.710"	6.35	455
1/4"	20	26	20	28	0.710"	6.35	455
9/32"	20	26			0.920"	7.94	640
5/16"	18	22	18	24	0.920"	7.94	640
3/8"	16	20	16	24	0.920"	9.53	640
7/16"	14	18	14	20	1.100"	11.11	908
1/2"	12	16	13	20	1.100"	12.7	908
9/16"	12	16	12	18	1.300"	15.88	1633
5/8"	11	14	11	18	1.300"	15.88	1633
3/4"	10	12	10	16	1.480"	17.46	2180
7/8"	9	11	9	14	1.670"	20.63	3033
1"	8	10	8	12	2.050"	23.81	4843
1.1/8"	7	9	7	12	2.220"	26.99	6541
1.1/4"	7	9	7	12	2.220"	26.99	6541
1.3/8"	6	8	6	12	2.580"	28.58	8632
1.1/2"	6	8	6	12	2.760"	31.75	10072
1.3/4"	5	7	5	14	3.150"	31.75/44.45	13238
2"	4.5	7	5		3.330"	31.75/44.45	15974

HSS DIE NUT BSP

Diameter	ACROSS		Rate
	BSP	Flat Thickness	
1/8"	28	0.920" 10	640.00
1/4"	19	1.100" 14	908.00
3/8"	19	1.300" 14	1633.00
1/2"	14	1.670" 19	3033.00
3/4"	14	2.050" 20	4843.00
1"	11	2.580" 25	8632.00
1.1/2"	11	3.150"	13238.00
2"	11	3.740"	19572.00

NOTE:

-We will provide rates and supply customised round dies as per your dimensions and drawings.

ADVANTAGES - LAPPING

Lapping is a process of fine removal of material using emery compound in this process material removal is in Microns.

Thread Lapping on Round Dies are done primarily for bring thread closer to the required Close to 20 to 25 micron material is removed from the flank of the threads to achieve required Lapped Threads not only achieves tighter tolerance, but also produces superior quality threads It also adds to the overall look of the Tool.

*“Products are made in the factory,
but brands are created in the mind”*



TECHNO TOOLS IMPEX



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