



**High Performance Cutting Tools**

## **PRICE LIST**

**EFFECTIVE 04.02.2018**



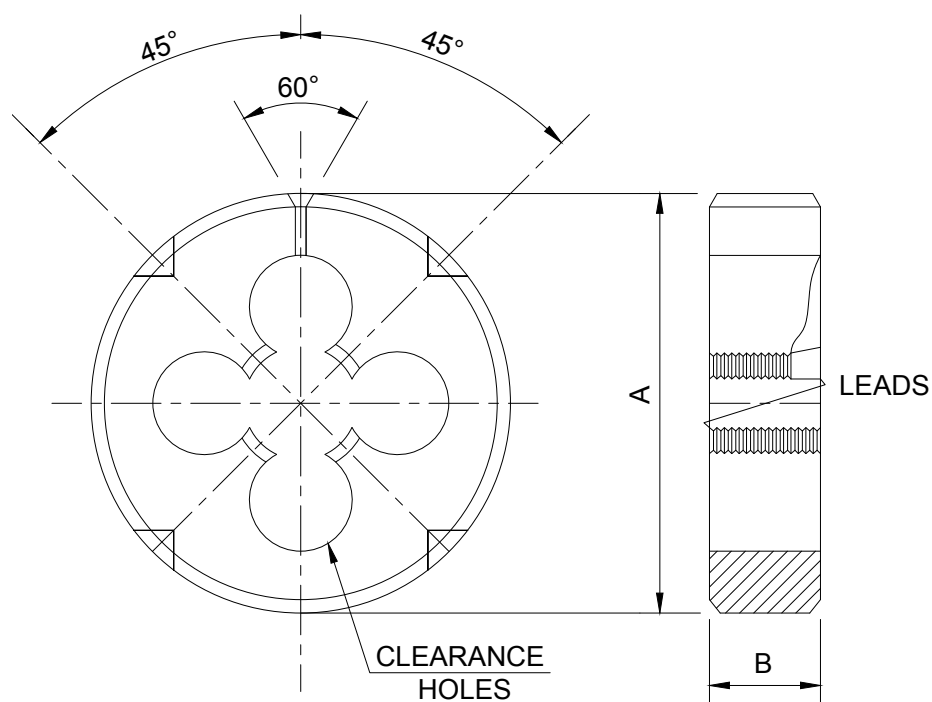
## **DIES & DIE NUTS**



**Forbes & Company Limited**

# Hints on use of circular dies

- Always ensure the die is presented to the bolt squarely, and is concentric, if this is not correct the die will not cut evenly on all lands.
- When adjusting a split die, try to avoid opening it out excessively, as it tends to rubbing or breakage.
- When closing in, do not apply all the pressure on one position but keep it even. Dies will cut satisfactorily provided adjustment is kept in the range of approximately 0.4 mm
- Thread tearing and teeth chipping are due to incorrect sharpening of lands or due to causing the die to hit the shoulder.
- Before starting a die always chamfer the end of the bolt at around 45 to allow the die to start cutting gently, failure to do this throws a sudden jerk on to the cutting edge, causing chipping.
- The size of the bolt to be threaded should be basic size, as an oversize material will put an extra load on the die whilst cutting.
- Whenever dies are used on machine it is recommended to use ground thread dies.
- When the die is to be used on machine without lead screw feed, ensure that the die will be able to advance in to the hole freely. This ensures that it will cut its own correct pitch.
- Efficient threading using die has its optimum speed. Always start with lower speeds and increase slowly if work permits.
- First class threading can only be done with copious supply of proper lubricant. Use of lubricant is as important as its choice. Choose suitable lubricant.



## High Speed Steel Cut Thread Circular Split Dies

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

OD INCH	SIZE INCH	Each (₹)								
		BSW	BSF	UNF/ UNC	BSB	BSCYCLE	ME	BSP	BSCON	BA
13/16"	0	-	-	-	-	-	-	-	-	278
	1	-	-	-	-	-	-	-	-	278
	2	-	-	-	-	-	-	-	-	278
	3	-	-	318	-	-	-	-	-	278
	4	-	-	318	-	-	-	-	-	278
	5	-	-	318	-	-	-	-	-	278
	6	-	-	318	-	-	-	-	-	278
	7	-	-	-	-	-	-	-	-	318
	8	-	-	318	-	-	-	-	-	318
	9	-	-	-	-	-	-	-	-	410
	10	-	-	318	-	-	-	-	-	410
	11	-	-	-	-	-	-	-	-	410
	12	-	-	318	-	-	-	-	-	410
	1/16	410	-	-	-	-	-	-	-	-
	3/32	318	-	-	-	-	-	-	-	-
	1/8	278	-	-	-	-	278	-	-	-
	5/32	278	-	-	-	-	278	-	-	-
	3/16	278	278	-	-	-	278	-	-	-
	7/32	278	278	-	-	-	278	-	-	-
	1/4	278	278	278	278	-	278	-	278	-
1"	1/8	-	-	-	-	-	-	396	-	-
	1/4	396	396	396	396	396	396	-	-	-
	9/32	396	396	-	-	-	396	-	-	-
	5/16	396	396	396	396	396	396	-	-	-
	3/8	396	396	396	396	396	396	-	-	-
	0.308 X 30	-	-	-	-	396	-	-	-	-

## High Speed Steel Cut Thread Circular Split Dies

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

OD INCH	SIZE INCH	Each (₹)					
		BSW	BSF	UNF	UNC	BSP	BSCON
1.1/2"	1/4	-	-	-	-	660	-
	3/8	-	-	-	-	660	-
	7/16	660	660	660	660	-	-
	1/2	660	660	660	660	660	660
	9/16	660	660	660	660	-	-
	5/8	660	660	660	660	-	660
	11/16	660	-	-	-	-	-
	3/4	660	660	660	660	-	660
2"	1/2	-	-	-	-	1051	-
	5/8	-	-	-	-	1051	-
	3/4	-	-	-	-	1051	-
	7/8	1051	1051	1051	1051	1051	-
	1"	1051	1051	1051	1051	1051	-
2.1/4"	1.1/8	1327	1327	1327	1327	-	-
	1.1/4	1327	1327	1327	1327	-	-
2.1/2"	1.1/8	-	-	-	-	2087	-
	1.1/4	2087	-	-	-	2087	-
	1.3/8	2087	2087	2087	2087	-	-
	1.1/2	2087	2087	2087	2087	-	-
3"	1.1/4	-	-	-	-	2946	-
	1.1/2	2946	2946	2946	2946	-	2946
4"	1.3/8	-	-	-	-	4111	-
	1.1/2	-	-	-	-	4111	-
	1.3/4	4111	4111	4111	4111	4111	-
	2"	4111	4111	4111	4111	4111	-

MOQ Matrix	
OD	QTY
2.1/4"	5
2.1/2"	5
3"	3
4"	3

## High Speed Steel Cut Thread Circular Split Dies

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

OD INCH	SIZE MM	Each ₹	OD INCH	SIZE MM	Each ₹	OD INCH	SIZE MM	Each ₹
13/16"	1.6 X 0.35	410	1"	6 X 0.5	424	1.1/2"	11 X 1.0	660
	2 X 0.4	318		6 X 0.75	424		11 X 1.5	660
	2.2 X 0.45	318		6 X 1	396		12 X 1	660
	2.3 X 0.4	318		7 X 0.75	424		12 X 1.25	660
	2.5 X 0.45	318		7 X 1	396		12 X 1.5	660
	2.6 X 0.45	318		8 X 0.75	424		12 X 1.75	660
	3 X 0.35, 0.60	318		8 X 1.0	424		14 X 1	660
	3 X 0.5	278		8 X 1.25	396		14 X 1.25	660
	3.5 X 0.6	278		9 X 0.75	424		14 X 1.5	660
	4 X 0.35, 0.50	318		9 X 1.0	424		14 X 2.0	660
	4 X 0.7	278		9 X 1.25	396		15 X 1.5	660
	4 X 0.75	318		10 X 0.5	424		16 X 1	660
	4.5 X 0.50	318		10 X 0.75	424		16 X 1.5	660
	4.5 X 0.75	318		10 X 1	424		16 X 2.0	660
	5 X 0.8	278		10 X 1.25	424		18 X 1.5	660
	5 X 0.9	318		10 X 1.5	396		18 X 2.5	660
	5.5 X 0.75	318		-	-		20 X 1.5	660
	5.5 X 0.5, 0.9	318		-	-		20 X 2.5	660
	6 X 0.5, 0.75	318		-	-		-	-
	6 X 1	278		-	-		-	-
	7 X 0.75	318		-	-		-	-
	7 X 1	318		-	-		-	-
2"	22 X 1.5	1051	2.1/4"	27 X 1.5, 3.0	1327	2.1/2"	34 X 1.5	2087
	22 X 2.5	1051		28 X 1.5	1327		35 X 1.5	2087
	24 X 1, 1.5, 3	1051		30 X 1.5, 3.5	1327		36 X 1.5	2087
	25 X 1.5	1051		32 X 1.5	1327		36 X 4.0	2087
	26 X 1.5	1051		33 X 1.5	1327		40 X 1.5	2087
	-	-		33 X 3.5	1327		-	-
3"	34 X 1.5	2946	4"	45 X 1.5	4111		-	-
	35 X 1.5	2946		46 X 1.5	4111		-	-
	36 X 1.5, 4.0	2946		48 X 1.5, 5.0	4111		-	-
	38 X 1.5	2946		50 X 1.5	4111		-	-
	39 X 4	2946		52 X 1.5	4111		-	-
	42 X 4.5	2946		55 X 1.5	4111		-	-
	45 X 1.5	2946		60 X 1.5	4111		-	-

## Carbon Steel Cut Thread Circular Split Dies

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

OD INCH	SIZE INCH	Each (₹)								
		BSW	BSF	UNF/UNC	BSB	BSCYCLE	ME	BSP	BA	WF
13/16"	0	-	-	-	-	-	-	-	77	-
	1	-	-	-	-	-	-	-	77	-
	2	-	-	-	-	-	-	-	77	-
	3	-	-	77	-	-	-	-	77	-
	4	-	-	77	-	-	-	-	77	-
	5	-	-	77	-	-	-	-	77	-
	6	-	-	77	-	-	-	-	77	-
	7	-	-	-	-	-	-	-	111	-
	8	-	-	77	-	-	-	-	111	-
	9	-	-	-	-	-	-	-	132	-
	10	-	-	77	-	-	-	-	132	-
	11	-	-	-	-	-	-	-	187	-
	12	-	-	77	-	-	-	-	187	-
	11/64 X 40, 48	-	-	-	-	-	-	-	-	77
	13/64 X 24, 36	-	-	-	-	-	-	-	-	77
	3/16 X 28	-	-	-	-	-	-	-	-	77
	15/64 X 28, 40	-	-	-	-	-	-	-	-	77
	1/4X32	-	-	-	-	-	-	-	-	77
	1/16	187	-	-	-	-	-	-	-	-
	3/32	111	-	-	-	-	-	-	-	-
	1/8	77	-	-	-	-	77	-	-	-
	5/32	77	-	-	-	-	77	-	-	-
	3/16	77	77	-	-	77	77	-	-	-
	7/32	77	77	-	-	-	77	-	-	-
	1/4	77	77	77	77	77	77	-	-	-
1"	5/16 X 30, 40	-	-	-	-	-	-	-	-	121
	3/8 X 40	-	-	-	-	-	-	-	-	121
	1/8	-	-	-	-	-	-	121	-	-
	1/4	121	121	121	-	-	121	-	-	-
	9/32	121	121	-	-	-	121	-	-	-
	5/16	121	121	121	-	-	121	-	-	-
	3/8	121	121	121	-	-	121	-	-	-
	0.308 X 30	-	-	-	-	121	-	-	-	-

## Carbon Steel Cut Thread Circular Split Dies

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

OD INCH	SIZE INCH	Each (₹)							
		BSW	BSF	UNF / UNC	BSB	BSCYLE	BSP	BSCON	WF
1.1/2"	7/16 X 32, 40	-	-	-	-	-	-	-	255
	1/2 X 32, 40	-	-	-	-	-	-	-	255
	1/4	-	-	-	-	-	255	-	-
	3/8	-	-	-	-	-	255	-	-
	7/16	255	255	255	-	-	-	-	-
	1/2	255	255	255	-	-	255	255	-
	9/16	255	255	255	255	255	-	-	-
	5/8	255	255	255	-	-	-	255	-
	11/16	255	255	-	-	-	-	-	-
	3/4	255	255	255	-	-	-	255	-
2"	1/2	-	-	-	-	-	391	-	-
	5/8	-	-	-	-	-	391	-	-
	3/4	-	-	-	-	-	391	-	-
	7/8	391	391	391	-	-	391	-	-
	1"	391	391	391	-	-	391	391	-
2.1/4"	1.1/8	756	756	756	-	-	-	-	-
	1.1/4	756	756	756	-	-	-	-	-
2.1/2"	1.1/8	-	-	-	-	-	1067	-	-
	1.1/4	-	-	-	-	-	1067	-	-
	1.3/8	1067	1067	1067	-	-	-	-	-
	1.1/2	1067	1067	1067	-	-	-	-	-
3"	1.1/4	-	-	-	-	-	1203	1203	-
	1.1/2	1203	1203	1203	-	-	-	-	-
4"	1.3/8	-	-	-	-	-	1768	-	-
	1.1/2	-	-	-	-	-	1768	-	-
	1.3/4	1768	1768	1768	-	-	1768	-	-
	2"	1768	1768	1768	-	-	1768	-	-

MOQ Matrix	
OD	QTY
2.1/4"	5
2.1/2"	5
3"	3
4"	3

## Carbon Steel Cut Thread Circular Split Dies

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

OD INCH	SIZE MM	Each ₹	OD INCH	SIZE MM	Each ₹	OD INCH	SIZE MM	Each ₹
13/16"	1.6 X 0.35	187	1"	6 X 0.5	121	1.1/2"	11 X 1.0, 1.5	255
	2 X 0.4	111		6 X 0.75	121		12 X 1, 1.25	255
	2.2 X 0.45	111		6 X 1	121		12 X 1.5	255
	2.3 X 0.4	111		7 X 0.75	121		12 X 1.75	255
	2.5 X 0.45	111		7 X 1	121		14 X 1, 1.25	255
	2.6 X 0.45	111		8 X 0.75	121		14 X 1.5	255
	3 X 0.5	77		8 X 1.0	121		14 X 2	255
	3.5 X 0.6	77		8 X 1.25	121		15 X 1.0	255
	4 X 0.35, 0.75	77		9 X 0.75	121		15 X 1.5	255
	4 X 0.7	77		9 X 1.0	121		16 X 1.0	255
	4.5 X 0.5	77		9 X 1.25	121		16 X 1.5	255
	4.5 X 0.75	77		10 X 0.75	121		16 X 2	255
	5 X 0.5, 0.75, 0.90	77		10 X 1.0	121		18 X 1.0	255
	5 X 0.8	77		10 X 1.25	121		18 X 1.5	255
	5.5 X 0.5, 0.90	77		10 X 1.5	121		18 X 2.0	255
	6 X 0.5, 0.75	77		-	-		18 X 2.5	255
	6 X 1	77		-	-		20 X 1.5	255
	7 X 0.75	77		-	-		20 X 2.5	255
	7 X 1	77		-	-		-	-
2"	20 X 1.5, 2.5	391	2.1/4"	27 X 1.5, 3.0	756	2.1/2"	34 X 1.5	1067
	22 X 1.5, 2.5	391		28 X 1.5	756		35 X 1.5	1067
	24 X 1.5	391		30 X 1.5, 3.5	756		36 X 1.5	1067
	24 X 3	391		32 X 1.5	756		36 X 4.0	1067
	25 X 1.5	391		33 X 1.5	756		40 X 1.5	1067
	26 X 1.5	391		33 X 3.5	756		-	-
3"	34 X 1.5	1203	4"	45 X 1.5	1768		-	-
	35 X 1.5	1203		46 X 1.5	1768		-	-
	36 X 1.5, 4.0	1203		48 X 1.5, 5.0	1768		-	-
	38 X 1.5	1203		50 X 1.5	1768		-	-
	39 X 4	1203		52 X 1.5	1768		-	-
	42 X 4.5	1203		55 X 1.5	1768		-	-
	45 X 1.5	1203		60 X 1.5	1768		-	-

MOQ Matrix	
OD	QTY
2.1/4"	5
2.1/2"	5
3"	3
4"	3



## NPT/BSPT Round Dies

### High Speed Steel

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

SIZE INCH	OD INCH					
	1" Each ₹	1.1/2" Each ₹	2" Each ₹	2.1/2" Each ₹	3" Each ₹	4" Each ₹
1/8"	503	626	-	-	-	-
1/4"	-	700	-	-	-	-
3/8"	-	822	1007	-	-	-
1/2"	-	-	1142	-	-	-
3/4"	-	-	1399	2479	-	-
1"	-	-	-	2798	3253	-
1.1/4"	-	-	-	-	3804	4541
1.1/2"	-	-	-	-	-	4885
2"	-	-	-	-	-	-

### Carbon Steel

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

SIZE INCH	OD INCH					
	1" Each ₹	1.1/2" Each ₹	2" Each ₹	2.1/2" Each ₹	3" Each ₹	4" Each ₹
1/8"	319	406	-	-	-	-
1/4"	-	516	-	-	-	-
3/8"	-	540	700	-	-	-
1/2"	-	-	774	-	-	-
3/4"	-	-	1007	1277	-	-
1"	-	-	-	1411	1572	-
1.1/4"	-	-	-	-	1891	-
1.1/2"	-	-	-	-	-	2283
2"	-	-	-	-	-	2701

#### MOQ Matrix

OD	QTY
1"	10
1.1/2"	10
2"	5
2.1/2"	5
3"	3
4"	3

### High Speed Steel Dies Nuts

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

Across Flat	BSW/BSF/UNC/UNF	BSP	METRIC MM	Each ₹
0.710	1/8" to 1/4"	-	3 to 6	259
0.820	5/16"	-	7 to 8	308
0.920	3/8"	1/8"	9 to 10	331
1.010	7/16"	-	11	454
1.100	1/2"	1/4"	12 to 13	503
1.300	9/16", 5/8"	3/8"	14 to 16	638
1.480	11/16", 3/4"	-	18 to 20	760
1.670	7/8"	1/2", 5/8"	21 to 22	1031
2.050	1"	3/4"	24 to 26	1596

### Carbon Steel Dies Nuts

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

Across Flat	BSW/BSF/UNC/UNF	BSP	METRIC MM	Each ₹
0.710	1/8" to 1/4"	-	3 to 6	99
0.820	5/16"	-	7 to 8	106
0.920	3/8"	1/8"	9 to 10	117
1.010	7/16"	-	11	221
1.100	1/2"	1/4"	12 to 13	283
1.300	9/16", 5/8"	3/8"	14 to 16	308
1.480	11/16", 3/4"	-	18 to 20	343
1.670	7/8"	1/2", 5/8"	21 to 22	454
2.050	1"	3/4"	24 to 26	615

## High Speed Steel Ground Thread Dies

ALL RATES ARE IN RUPEES PER PIECE (Excl. of GST)

OD x THICKNESS	SIZE	Each ₹	OD x THICKNESS	SIZE	Each ₹
16 X 5	1.6 X 0.35	747	30 X 11	10.0 X 1.00	774
		-	-	10.0 X 1.25	774
20 X 5	1.6 X 0.35	747		10.0 X 1.50	774
	2.0 X 0.40	578	-	-	-
	2.5 X 0.45	578	38 X 10	12.0 X 1.00	1190
	2.6 X 0.45	578	-	12.0 X 1.25	1190
	3.0 X 0.50	503	-	12.0 X 1.5	1190
	4.0 X 0.70	503	-	14.0 X 1.00	1190
		-	-	14.0 X 1.25	1190
20 X 7	5.0 X 0.80	503	-	14.0 X 1.5	1190
	6.0 X 1.00	503	-	-	-
		-	38 X 14	12.0 X 1.75	1190
25 X 9	7.0 X 1.00	737	-	14.0 X 2.00	1190
	8.0 X 1.00	774	-	-	-
	8.0 X 1.25	737	-	-	-

\* All dies are in M2 Steel, we can quote for M35 Steel on request.

\* For Gun Nose die, add 35% extra

MOQ Matrix	
OD	QTY
16X5	20
20X5	20
20X7	20
25X9	10
30X11	10
38X10	10
38X14	10

### Terms and conditions

1. This price list supercedes all our previous price lists.
2. Prices are exclusive of GST rate.
3. Prices quoted in this price list are the maximum retail prices and Dealers / Stockist are free to sell goods at prices lower than the prices fixed by the company.
4. Prices are subject to revision without prior notice.
5. For LH Thread - 35% add to std. price.
6. All legal proceeding are subjected to Mumbai jurisdiction.



**High Performance Cutting Tools**

## HEAD OFFICE

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### CHANDIGARH

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### CHENNAI

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Telephone: +91 (0) 44 25389890/95,  
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### NEW DELHI

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Asaf Ali Road,  
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### KOLKATA

Royal Insurance Building,  
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Kolkata-700001  
Telephone: +91 (0) 33 22622947

### MUMBAI

Saki-Powai Road  
Chandivali Andheri East  
Mumbai - 400072  
Telephone: +91 (0) 22 28471861

### PUNE

4th Floor, Bhosale Heights,  
Opp. Deendayal Hospital, Shivajinagar,  
Pune - 411005  
Telephone: +91 (0) 20 41359108

### SECUNDERABAD

5th floor, P.V.S Mansion, Somasundaram Street,  
Beside Manju Theatre, S.D Road,  
Secunderabad - 500003  
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### AURANGABAD

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Aurangabad - 431133  
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