



Plot No. 3978, Road No. R,
G.I.D.C. Phase III, Dared,
Jamnagar – 4

Email: shivextrusion1@gmail.com
Website: www.shivextrusion.com

FOR ROUND RODS & BARS

All dimension are in millimeters

DIAMETER		NORMAL TOLERANCE	CLOSE TOLERANCE
OVER	UP TO & INCLUDING		
6	10	± 0.05	- 0.05
10	20	± 0.10	- 0.05
20	30	± 0.15	- 0.08
30	50	± 0.20	- 0.10
50	70	$\pm 0.75 \%$	$\pm 0.5 \%$
70	100	$\pm 1.5 \%$	$\pm 1.75 \%$
100		$\pm 2.5 \%$	$\pm 1.5 \%$

FOR SQUARE RODS & BARS

All dimension are in millimeters

DIAMETER		NORMAL TOLERANCE	CLOSE TOLERANCE
OVER	UP TO & INCLUDING		
6	10	± 0.09	- 0.05
10	20	± 0.13	- 0.10
20	30	± 0.18	- 0.13
30	40	± 0.23	- 0.15
40	50	$\pm 1.0 \%$	$\pm 0.75 \%$
70	100	$\pm 2.0 \%$	$\pm 1.5 \%$
100		$\pm 3.0 \%$	$\pm 2.0 \%$



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FOR HEXAGONAK RODS & BARS

All dimension are in millimeters

DIAMETER		NORMAL TOLERANCE	CLOSE TOLERANCE
OVER	UP TO & INCLUDING		
6	10	- 0.10	- 0.08
10	20	- 0.20	- 0.10
20	30	- 0.25	- 0.13
30	40	- 0.30	- 0.15
40	50	- 0.40	- 0.20
50	70	- 0.50	- 0.25
70	100	- 2.0 %	- 1.5 %
100		- 3.0 %	- 2.0 %

FOR HEXAGONAK RODS & BARS

All dimension are in millimeters

WIDTH ACROSS FLATS		TOLERANCE ON WIDTH	ON THICKNESS UP TO & INCLUDING 12	ON THICKNESS OVER 12 UP TO & INCLUDING 20	ON THICKNESS OVER 20 UP TO & INCLUDING 40	ON THICKNESS OVER 40 UP TO & INCLUDING 100
OVER	UPTO & INCLUDING					
6	10	± 0.15	± 0.10	-----	-----	-----
10	20	± 0.20	± 0.15	± 0.20	-----	-----
20	40	± 0.25	± 0.20	± 0.25	+ 0.25	-----
40	50	± 1.0 %	± 0.20	± 0.25	+ 0.30	+ 0.40
50	70	± 1.0 %	± 0.40	± 0.45	+ 0.50	+ 0.50
70	100	± 2.0 %	± 0.50	± 0.60	+ 0.80	+ 0.80
100		± 2.5 %	± 0.60	± 0.75	+ 1.00	+ 1.00