



### CHS STYLE COVENTRY DIE HEAD DIMENSIONS

DIE HEAD SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N
<b>1/4"</b>	1.1/2" 38.10mm	1.1/2" 38.10mm	5/8" 15.87mm	1.1/2" 38.10mm	1.3/4" 44.45mm	9/16" 14.29mm	5/16" 7.94mm	1.3/4" 44.45mm	3/32" 2.38mm	1.9/16" 39.68mm	3/32" 2.38mm	3/64" 1.19mm	N/A
<b>3/8"</b>	2.5/32" 54.77mm	1.1/2" 38.10mm	3/4" 19.05mm	2" 50.80mm	2.5/16" 58.73mm	23/32" 18.26mm	15/32" 11.90mm	2.1/4" 57.15mm	9/64" 3.57mm	1.5/8" 41.27mm	1/8" 3.18mm	1/16" 1.59mm	N/A
<b>1/2"</b>	2.7/16" 61.91mm	1.7/8" 47.62mm	1" 25.40mm	2.1/2" 63.50mm	2.3/4" 69.85mm	29/32" 23.02mm	5/8" 15.88mm	2.1/2" 63.50mm	5/32" 3.97mm	2.1/32" 50.82mm	1/8" 3.18mm	5/64" 1.98mm	N/A
<b>3/4"</b>	3.1/8" 79.39mm	2.1/2" 63.50mm	1.1/2" 38.10mm	3.7/16" 87.31mm	3.21/32" 92.86mm	1.11/32" 42.86mm	7/8" 22.22mm	3" 76.19mm	3/16" 4.76mm	2.23/32" 69.05mm	5/32" 3.97mm	3/32" 2.38mm	N/A
<b>1"</b>	3.3/4" 95.25mm	2.7/8" 72.03mm	1.3/4" 44.45mm	4" 101.6mm	4.1/2" 114.3mm	1.3/4" 44.45mm	1.3/16" 30.16mm	N/A	1/4" 6.35mm	3.1/8" 79.39mm	3/16" 4.76mm	7/64" 2.78mm	N/A
<b>1.1/4"</b>	4.3/16" 106.4mm	3.13/16" 96.83mm	2.1/8" 53.97mm	4.5/8" 117.5mm	5.5/16" 134.9mm	2.1/32" 50.82mm	1.3/8" 34.92mm	N/A	1/4" 6.35mm	4.7/16" 103.2mm	3/16" 4.76mm	1/8" 3.18mm	N/A
<b>1.1/2"</b>	4.3/8" 117.5mm	4.1/8" 104.77mm	2.1/2" 63.50mm	5.1/16" 128.6mm	5.1/2" 139.7mm	2.1/4" 57.15mm	1.5/8" 41.27mm	N/A	1/4" 6.35mm	4.3/8" 111.1mm	1/4" 6.35mm	1/8" 3.18mm	N/A
<b>2"</b>	6.1/4" 158.8mm	4.23/32" 119.9mm	3.1/4" 82.55mm	6.7/8" 174.6mm	7.15/16" 201.6mm	3.1/8" 79.39mm	2.1/8" 53.97mm	N/A	5/16" 7.94mm	4.11/16" 119.1mm	7/16" 11.1mm	5/32" 3.97mm	5.1/8" 130.2mm

### CHS STYLE COVENTRY DIE HEAD CAPACITIES

CHS DIE HEAD SIZE	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Maximum capacity inches	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Maximum capacity mm	6mm	9mm	13mm	20mm	26mm	33mm	39mm	52mm
Maximum capacity BSP	N/A	N/A	1/4"	1/2"	3/4"	1"	1"	1.1/2"
Minimum capacity inches	12 BA	6 BA	6 BA	2 BA	0 BA	1/4"	3/8"	1/2"
Minimum capacity mm	1.30mm	2.60mm	2.60mm	4.50mm	6.00mm	6.00mm	10.00mm	12.00mm
Coarsest pitch teeth per inch	20	16	12	10	8	7	6	4
Coarsest pitch mm	1.25mm	1.50mm	2.00mm	2.50mm	3.00mm	3.50mm	4.00mm	6.00mm

The data above relates to threads of any length, i.e. Where the produced thread can pass through the die head. Larger diameter threads can be produced but length is restricted. See next table.

### CHS STYLE COVENTRY DIE HEAD OVERSIZE THREAD CAPACITIES

CHS DIE HEAD SIZE	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Oversize capacity inches	3/8"	1/2"	11/16"	1"	1.3/8"	1.5/8"	1.15/16"	2.1/2"
Oversize capacity mm	9.5mm	12.5mm	17mm	25.4mm	35mm	41mm	49mm	64mm
Oversize capacity BSP	N/A	1/4"	3/8"	5/8"	1"	1.1/4"	1.1/2"	2"
Maximum thread length inches	5/16"	7/16"	1/2"	3/4"	7/8"	15/16"	1.1/8"	1.7/8"
Maximum thread length mm	8mm	11mm	12.5mm	19mm	22mm	24mm	29mm	48mm

In practice oversize threads are only restricted in diameter and pitch by the diameter of the mouth of the diehead and the width of the chasers (maximum thread length). Within these parameters most threads are possible. If in doubt please ask us.

### CHS STYLE COVENTRY DIE HEAD WEIGHTS

CHS DIE HEAD SIZE	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Weight (without chasers) Imperial	10 oz	1lb. 6 oz	2.1/2lb	6.1/4lb	9.1/4lb	18lb	25lb	50lb
Weight (without chasers) Metric	0.3Kg	0.65Kg	1.2Kg	3Kg	4.3Kg	8.4Kg	11.5Kg	23Kg

Note :- Kg figures have been rounded up. For chaser weights see 'Coventry chasers dimensions'.