



**Dieheads**

Coventry Dieheads produce clean and smooth threads for economy on short to medium production runs. The ease and simplicity in setting allows for minimum downtime when changing threads.

**Coventry Dieheads are suitable for a wide variety of machines:**  
 Capstan and Turret Lathes.  
 CNC or Automatic Screwing.  
 Multi Spindle Automatics.  
 Drilling Machines.

**WS Style Coventry Die Heads**

Robust and reliable. Can be used on a variety of manual or automatic\* machines. Can be supplied with any other straight or tapered shank. Takes standard Coventry type chasers.  
 Repair parts readily available.

\*Supplied with spring band closer.  
 Set for single cut only.



Model	Capacity	Body Diameter	Shank Diameter	Order Code CTL-016	Price/1 TB
WS6	1/4" (6mm)	1 1/2"	5/8"	-0006A	29000.00
WS12	1/2" (12mm)	2 1/2"	1"	-0012A	35000.00
WS20	3/4" (20mm)	3 7/16"	1 1/2"	-0020A	40000.00

**HSS Coventry Type Chaser Dies**

Cutting takes place only on the throat and the first full tooth; the remaining threads are above centre height and act as a nut, ensuring accurate pitch. Ideal for batch work or continuous production of threaded steel bar. Coventry dies are not interchangeable. An original set of new dies must always be used together. When taken from the diehead the set of dies should be retained in its box until required again.

**Throat Angles**

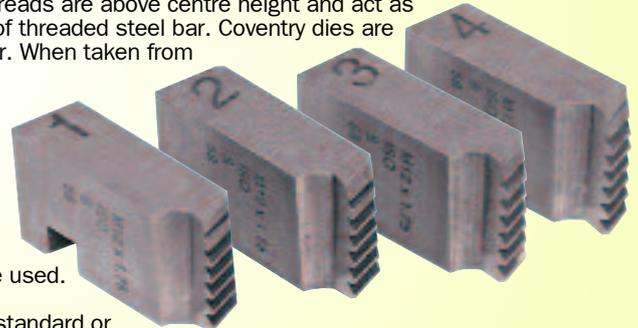
20° for general work and soft steels - supplied as standard.  
 33° 'B' type for cutting brass, available on request.

**Grinding Dies**

Only two angles are ground on Coventry dies, the throat angle and the rake angle and in the particular case of Holozone dies only the throat angle is ground. All dies in a set must be ground on the throat at the same time and since they cannot be accurately ground by hand, a die grinding fixture must be used.

**Marking & Materials**

Each die is marked with: diameter, pitch, type of die and gauge number. Non-standard or special dies are marked with an SD number which should be quoted when re-ordering. When a set of dies has been re-ground several times by grinding the throat angle, the height of the cutting edge rises above centre. This condition must be rectified by grinding the rake angle until the die height is correct according to the number shown on the die.



**HSS**

Size x Pitch	Diehead Size	Weight each	Order Code CTL-015	Price/1 TB
4 x 0.70	6mm	22g	-1015Q	5000.00
	12mm	59g	-1019V	5250.00
5 x 0.80	12mm	58g	-1024N	5250.00
	12mm	59g	-1030F	5250.00
6 x 1.00	20mm	160g	-1031G	6500.00
8 x 1.25	12mm	55g	-1041S	5250.00
	20mm	150g	-1043V	6500.00
10 x 1.00	12mm	52g	-1046J	7000.00
10 x 1.50	12mm	52g	-1048A	5250.00
	20mm	150g	-1050C	6500.00

Size x Pitch	Diehead Size	Weight each	Order Code CTL-015	Price/1 TB
12 x 1.75	12mm	50g	-1054G	5250.00
	20mm	147g	-1056J	6500.00
14 x 2.00	20mm	145g	-1061P	6500.00
	20mm	140g	-1066V	6500.00
16 x 2.00	25mm	225g	-1068X	7500.00
	20mm	130g	-1075E	6500.00
20 x 2.50	25mm	210g	-1077G	7500.00
	32mm	355g	-1079J	12500.00
24 x 3.00	25mm	205g	-1085Q	7500.00
	32mm	320g	-1086R	12500.00
30 x 3.50	32mm	400g	-1091X	12500.00

**SHERWOOD QUALITY CUTTING TOOLS Thread Restoring Files**

Restore internal and external threads by filing, where the use of taps and dies are impractical. The restorer file overlaps several good threads and files the damaged ones. Restore right and left hand, internal and external threads. Long lasting, fast cutting teeth. Thread restoring files are available in ISO, Whit/BSF, UNF/UNC and BSP thread types.



Thread Type	Range	Weight each	Order Code SHR-017	Price/1 TB
ISO	.80 to 3mm	133g	-9020C	850.00
Whit/BSF	10 tpi to 24 tpi	132g	-9001A	850.00
UNF/UNC	11 tpi to 24 tpi	130g	-9010B	850.00
BSP	11 tpi to 28 tpi	127g	-9030D	950.00

**PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR**