

Standard Tapered Type Mandrels for Cartridge Rolls



CLESCO

"The Abrasive Hardware Specialist"

- Quick change mandrels for coated abrasive cartridge rolls
- Feature sharp, coarse threads which hold cartridge rolls securely in place in operation
- Rust proof black oxide finish

HOW TO ORDER:

- Shank Dia. – order the size that fits your collet or chuck.
- Pilot Dia. – to be the same size as hole in cartridge roll.
- Pilot Length – for rolls:
 - 3/4" long – use 1/2" pilot length
 - 1" long – use 3/4" pilot length
 - 1 1/2" long – use 1" pilot length
 - 2" long – use 1 1/2" pilot length



Catalog #	(A) Pilot Dia.	(B) Pilot Length	(C) Shank Dia.	(D) O.A.L.	(E) Shank Length
CR-1	5/64	1	1/8	3	1
CR-2A	3/32	1/2	1/8	2 1/2	1
CR-2B	3/32	3/4	1/8	2 3/4	1 1/2
CR-2	3/32	1	1/8	3	1
CR-2D	3/32	1/2	1/4	2 1/2	1 1/4
CR-2E	3/32	3/4	1/4	2 3/4	1 1/4
CR-2E-4	3/32	3/4	1/4	4	2 1/2
CR-2F	3/32	1	1/4	3	1 1/4
CR-2F-4	3/32	1	1/4	4	2 1/4
CR-2F-6	3/32	1	1/4	6	4 1/4
CR-3	1/8	1/2	1/8	2 1/2	1
CR-4	1/8	3/4	1/8	2 3/4	1
CR-4A	1/8	3/4	3/32	2 3/4	1
CR-5	1/8	1	1/8	3	1
CR-5A	1/8	1	3/32	3	1
CR-6	1/8	1 1/2	1/8	3 1/2	1
CR-7	1/8	1/2	1/4	2 1/4	1
CR-7-4	1/8	1/2	1/4	4	2 3/4
CR-7-6	1/8	1/2	1/4	6	4 3/4
CR-7-8	1/8	1/2	1/4	8	6 3/4
CR-7-10	1/8	1/2	1/4	10	8 3/4
CR-7-12	1/8	1/2	1/4	12	10 3/4
CR-8	1/8	3/4	1/4	2 1/2	1
CR-8-6MM	1/8	3/4	6mm	2 3/4	1 1/4
CR-8-4	1/8	3/4	1/4	4	2 1/2
CR-8-6	1/8	3/4	1/4	6	4 1/2
CR-8-8	1/8	3/4	1/4	8	6 1/2
CR-8-10	1/8	3/4	1/4	10	8 1/2
CR-8-12	1/8	3/4	1/4	12	10 1/2
CR-9	1/8	1	1/4	2 3/4	1
CR-9-6MM	1/8	1	6mm	3	1 1/4
CR-9-2SH	1/8	1	1/4	3 1/2	1 3/4
CR-9-4	1/8	1	1/4	4	2 1/4
CR-9-6	1/8	1	1/4	6	4 1/4
CR-9-6SH	1/8	1	1/4	7 1/2	5 3/4
CR-9-8	1/8	1	1/4	8	6 1/4
CR-9-10	1/8	1	1/4	10	8 1/4
CR-9-12	1/8	1	1/4	12	10 1/4
CR-10	1/8	1 1/2	1/4	3 1/4	1
CR-10-4	1/8	1 1/2	1/4	4	1 3/4

Catalog #	(A) Pilot Dia.	(B) Pilot Length	(C) Shank Dia.	(D) O.A.L.	(E) Shank Length
CR-10-5	1/8	1 1/2	1/4	5	2 3/4
CR-10-6	1/8	1 1/2	1/4	6	3 3/4
CR-10-8	1/8	1 1/2	1/4	8	5 3/4
CR-10-10	1/8	1 1/2	1/4	10	7 3/4
CR-10-12	1/8	1 1/2	1/4	12	9 3/4
CR-11	1/8	2	1/4	4	1 1/4
CR-11-6	1/8	2	1/4	6	3 1/4
CR-12	3/16	1/2	1/8	2 1/2	1 1/4
CR-13	3/16	3/4	1/8	2 3/4	1 1/4
CR-14	3/16	1/2	1/4	2 1/2	1 1/4
CR-14-4	3/16	1/2	1/4	4	2 3/4
CR-15	3/16	3/4	1/4	2 3/4	1 1/4
CR-15-6MM	3/16	3/4	6mm	2 3/4	1 1/4
CR-15-6	3/16	3/4	1/4	6	4 1/2
CR-15-8	3/16	3/4	1/4	8	6 1/2
CR-16	3/16	1	1/4	3	1 1/4
CR-16-6MM	3/16	1	6mm	3	1 1/4
CR-16-4	3/16	1	1/4	4	2 1/4
CR-16-6	3/16	1	1/4	6	4 1/4
CR-16-8	3/16	1	1/4	8	6 1/4
CR-17	3/16	1 1/2	1/4	3 1/2	1 1/4
CR-17-6	3/16	1 1/2	1/4	6	3 3/4
CR-17-8	3/16	1 1/2	1/4	8	5 3/4
CR-18	3/16	2	1/4	4	1 1/4
CR-18-6	3/16	2	1/4	6	3 1/4
CR-18-8	3/16	2	1/4	8	5 1/4
CR-19	1/4	1/2	1/4	2 1/2	1 1/4
CR-20	1/4	3/4	1/4	2 3/4	1 1/4
CR-20-4	1/4	3/4	1/4	4	2 1/2
CR-20-6	1/4	3/4	1/4	6	4 1/2
CR-21	1/4	1	1/4	3	1 1/4
CR-21-4	1/4	1	1/4	4	2 1/4
CR-21-6	1/4	1	1/4	6	4 1/4
CR-21-12	1/4	1	1/4	12	10 1/4
CR-22	1/4	1 1/2	1/4	3 1/2	1 1/4
CR-22-6	1/4	1 1/2	1/4	6	3 3/4
CR-23	1/4	2	1/4	4	1 1/4
CR-25	5/16	3/4	1/4	2 3/4	1 1/4
CR-27	5/16	1 1/2	1/4	3 1/2	1 1/4
CR-28	5/16	2	1/4	4	1 1/4



CLESCO

"The Abrasive Hardware Specialist"

Deluxe Tapered Type Mandrels for Cartridge Rolls

- Quick change mandrels for coated abrasive cartridge rolls
- Deluxe mandrels have an extra coarse "Acme" thread
- Rust proof black oxide finish



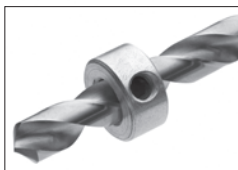
Catalog #	(A) Pilot Dia.	(B) Pilot Length	(C) Shank Dia.	(D) O.A.L.	(E) Shank Length
CR-7-ACME	1/8	1/2	1/4	3	1 3/4
CR-8-ACME	1/8	3/4	1/4	3 1/4	1 3/4
CR-9-ACME	1/8	1	1/4	3 1/2	1 3/4
CR-9-4-ACME	1/8	1	1/4	4	2 1/4
CR-9-6-ACME	1/8	1	1/4	6	4 1/4
CR-9-8-ACME	1/8	1	1/4	8	6 1/4
CR-9-10-ACME	1/8	1	1/4	10	8 1/4
CR-9-12-ACME	1/8	1	1/4	12	10 1/4
CR-16-ACME	3/16	1	1/4	3 1/2	1 1/4
CR-21-ACME	1/4	1	1/4	3 1/2	1 1/4

Drill Stop Kit

- Drill stop collars make it easy to drill holes to a uniform depth.
- Kits consist of 7 set screw collars that firmly grip the outer diameter of the drill.
 - Bit sizes include: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", and 1/2"
 - Hex keys enclosed for easy installation



Drill Kit #100
DK-Refill #101
(collars only)



Screw Lock Type Wheel Adapters with Shank

- For mounting various types of abrasive & finishing wheels such as: cut-off, wire brushes, buffs, non-woven, etc.
- Wheel is secured in place with a slotted screw
 - Quick & easy change of wheels
- Design permits better access to work areas which may be difficult to reach
 - Rust proof black oxide finish



Catalog #	Fits Hole	Wheel		Shank Dia.	Head Style	Head Dia.	O.A.L.
		Widths up to (in):					
M-080	1/16	1/4	1/8	Straight	3/16	1 3/4	
M-11X	1/8	1/4	1/8	Straight	1/4	1 3/4	
M-11*	1/8	3/16	1/8	Straight	1/4	1 3/4	
M-21	1/8	1/4	1/4	Straight	3/8	2	
M-21-3	1/8	1/4	1/4	Straight	3/8	3	
M-21-4	1/8	1/4	1/4	Straight	3/8	4	
M-21-6	1/8	1/4	1/4	Straight	3/8	6	
M-14-2	1/4	1/4	1/4	Straight	7/16	2	
M-14-25	1/4	1/4	1/4	Straight	7/16	2 1/2	
M-14-3	1/4	1/4	1/4	Straight	7/16	3	
M-14-35	1/4	1/4	1/4	Straight	7/16	3 1/2	
M-14-4	1/4	1/4	1/4	Straight	7/16	4	
M-14-6	1/4	1/4	1/4	Straight	7/16	6	
M-22	1/4	1/4	1/4	Bell	3/4	2	
M-32	1/4	1/4	3/8	Bell	3/4	2	
M-22-L	1/4	3/8 - 1/2	1/4	Bell	3/4	2	
M-32-L	1/4	3/8 - 1/2	3/8	Bell	3/4	2	
M-23	3/8	1/4	1/4	Bell	3/4	2	
M-23-6MM	3/8	3/16	6mm	Bell	3/4	2	
M-33	3/8	1/4	3/8	Bell	3/4	2	
M-23-L	3/8	3/8 - 1/2	1/4	Bell	3/4	2	
M-33-L	3/8	3/8 - 1/2	3/8	Bell	3/4	2	
M-3*	1/4 or 3/8	1/4	1/4	Bell	3/4	2	

*M-11 comes with two 5/8" diameter washers.

*M-3 is bagged and contains 1/4" screw and 3/8" screw with one mandrel body.