

Multi-Purpose C-Frame Crimping Tools 620175 (M22520/5-01), 620215 (M22520/10-01)



- Interchangeable dies
- Positive ratchet

Utilizing an extensive variety of interchangeable single, double, and triple hexagonal dies these MIL-DTL-22520 qualified tools can be used to crimp a wide range of MS and proprietary coaxial and triaxial connectors and contacts.

Astro also manufactures dies for many other crimping purposes. These include, but are not limited to, insulated and uninsulated terminal lugs, end caps and wire splicing. Astro can design and manufacture die sets for many other applications.

The interchangeable dies facilitate a large cost savings over single purpose crimpers. Instead of buying a different tool for each application, only separate dies are needed.

The **620175** and **620215** C-frame crimping tools, like other Astro crimpers, are simple to use.

1. Select the proper die.
2. Insert it into the crimp tool (the die will be firmly held in place by the internal spring clips built into each tool).

The positive ratchet in these tools will not allow the handles to retract until the tool has been fully cycled. This eliminates incomplete or partial crimps.

The **620175** is 11 inches long and weighs 22 ounces.

The **620215** is 9 inches long and weighs 11 ounces.

The 620175 (/5-01) tool is also available in a pneumatic version, P/N 621200, on page 36.

Astro has a large selection of die configurations available, in addition to those listed. As well as calibration gages.

M22520/10-01 DIES						
Military Part #	Astro Tool #	NSN	A Hex.	Length	B Hex.	Length
M22520/10-02	620285	5120-00-116-3275	.091	.270	-	-
M22520/10-03	620288	5120-00-116-3283	.255	.325	-	-
M22520/10-04	620286	5120-00-116-3003	.138	.090	.118	.270
M22520/10-05	620289	5120-00-116-3276	.128	.325	.105	.325
M22520/10-06	620216	5120-00-116-4807	.160	.400	-	-
M22520/10-07	620290	5120-00-116-3278	.213	.325	.178	.325

Astro also offers blank dies for your prototyping needs.



M22520/5-01 Interchangable Hex Dies

Military Part #	Astro Tool #	NSN	A Hex.	Length	B Hex.	Length
M22520/5-02	620560	-	.091	.090	.068	.270
M22520/5-03	620291	5120-00-133-0534	.128	.325	.105	.325
M22520/5-04	620292	5120-00-133-0537	.138	.090	.118	.270
M22520/5-05	620293	5120-00-133-0577	.213	.325	.178	.325
M22520/5-06	620294	5120-00-133-0579	.128	.094	-	-
M22520/5-07	620295	5120-00-133-0580	.255	.325	-	-
M22520/5-08	620296	5120-00-133-0581	.128	.375	-	-
M22520/5-09	620365	5120-00-133-0582	.178	.400	.068	.093
M22520/5-10	620297	5120-00-133-0583	.160	.400	-	-
M22520/5-11	620366	5120-00-133-0584	.213	.400	.068	.093
M22520/5-13	620367	5120-00-133-0585	.255	.400	.068	.093
M22520/5-15	620528	5120-00-133-0586	.263	.400	.068	.093
M22520/5-17	620298	5120-00-133-0597	.118	.375	-	-
M22520/5-19	620299	5120-00-116-3159	.255	.400	.213	.400
M22520/5-21	620300	5120-00-116-3284	.475	.400	-	-
M22520/5-23	620301	5120-00-133-0618	.384	.400	-	-
M22520/5-25	620368	5120-00-133-0622	.429	.400	.100	.120
M22520/5-27	620302	5120-00-133-0640	.532	.400	-	-
M22520/5-29	620371	5120-00-116-3285	.324	.400	.100	.120
M22520/5-31	620303	5120-00-133-0642	.501	.400	-	-
M22520/5-33	620304	5120-00-116-3158	.343	.400	.105	.400
M22520/5-35	620305	5120-00-116-3156	.324	.400	.128	.400
M22520/5-37	620306	5120-00-116-3136	.314	.400	.151	.400
M22520/5-39	620307	5120-00-116-3134	.309	.400	.160	.400
M22520/5-41	620308	5120-00-116-3135	.290	.400	.178	.400
M22520/5-43	620309	5120-00-116-3106	.268	.400	.197	.400
M22520/5-45	620310	5120-00-116-3088	.231	.400	.218	.400
M22520/5-47	620311	5120-00-133-0643	.359	.400	-	-
M22520/5-49	620312	5120-00-133-0644	.401	.400	-	-
M22520/5-51	620313	5120-00-116-3040	.431	.400	-	-
M22520/5-53	620314	5120-00-116-3160	.454	.400	-	-
M22520/5-55	620315	5120-00-133-0653	.324	.400	-	-
M22520/5-57	620369	5120-00-133-0676	.213	.400	.100	.120
M22520/5-59	620370	5120-00-133-0683	.255	.400	.100	.120
M22520/5-61	620316	5120-00-116-3004	.429	.400	-	-
M22520/5-63	620317	5120-00-133-0533	.263	.400	.091	.270
M22520/5-100	620617	5120-00-126-0860		Special		
M22520/5-101	620618	5120-01-081-4213				
M22520/5-102	630000	5120-01-081-4212				
M22520/5-103	630001	5120-01-082-8985				
M22520/5-104	630003					

NOTE: Also available Die #620836 Combination of M22520/5-102 and M22520/5-103. We have listed above military dies available. This is only a partial listing of dies available from Astro. Please consult factory with your specific application requirement.

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