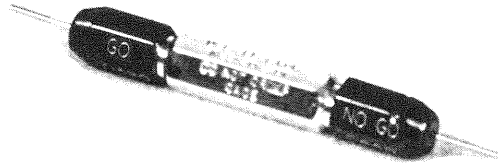
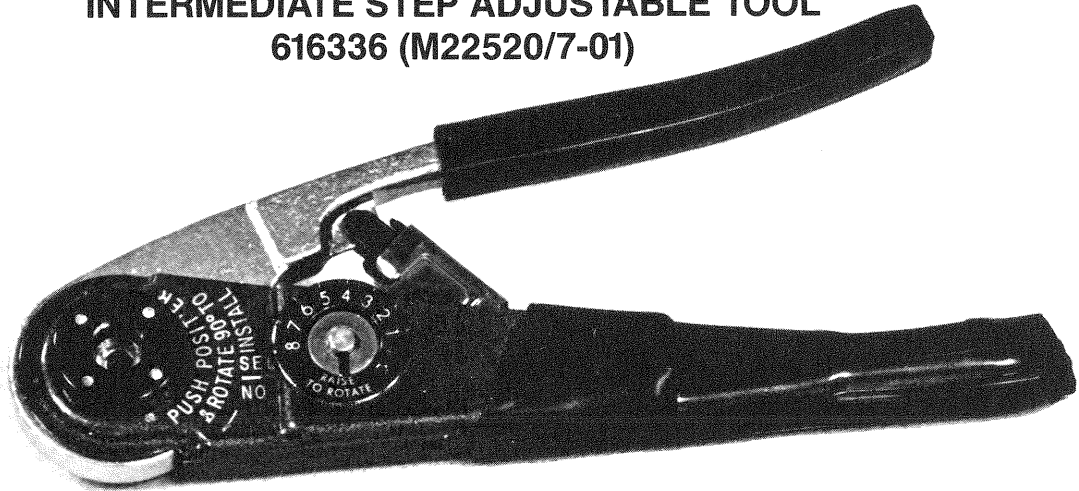


## INTERMEDIATE STEP ADJUSTABLE TOOL 616336 (M22520/7-01)



- **8 indent crimp**
- **Cycle controlled ratchet**
- **Dial selectable**

- **Lightweight and easy to use**
- **Uses bayonet positioners**

The Astro 616336 is qualified to MIL-C-22520/7.

This tool is dial selectable with varying applications within the wire barrel sizes 16-22 and wire sizes 16-28 AWG.

The 616336 produces an 8 indent crimp configuration, which provides excellent results on MS and proprietary contacts and wire of various compositions.

The 616336 tool is designed to be used with a positioner that features easy attachment with a bayonet socket mount. A data plate is permanently attached to each positioner. This data plate provides the correct selector setting to be used for each contact and wire combinations. This helps to eliminate error in choosing the proper crimp depth.

Astro recommends that all of its tools be gaged periodically to assure accurate calibration. A gage (M22520/3-3, Astro #616337) is available for this purpose.

The 616336 tool is 7¼ inches long and weighs approximately 11 ounces.

The tool is also available in a pneumatic version. See page 39.

An adjustable positioner is available P/N 642020.

## ASTRO TOOL CORP.

MS NO.	ASTRO TOOL #.	DESCRIPTION	NSN	CONTACTS ACCOMMODATED
M22520/7-01	616336	Tool Frame	5120-00-133-1747	
M22520/7-02	616327	Positioner	5120-00-133-1769	MS3192A20A, MS3193A20A, MS24254-20P, MS24255-20S, M83723/33B20, M83723/34B20, NAS1662-20, NAS1663-20, M39029/4-110, M39029/5-115, M39029/11-145, M39029/12-149, M39029/31-223, -224, -225, -226, -227, -240, -241, -448, M39029/32-242, -243, -244, -245, -246, -259, -260, -449, M39029/92-532, M39029/93-538, M39029/94-542
M22520/7-03	616328	Positioner	5120-00-133-1770	MS3192-16A, MS3193-16A, MS24254-16P, MS24255-16S, M39029/4-111, -112, M39029/5-116, -117, M39029/11-146, M39029/12-150, M39029/29-212, M39029/31-228, -229, -230, -231, -232, -233, M39029/32-247, -248, -249, -250, -251, -252, M39029/85-454, -455, -456, -457, M39029/86-462, -463, -464, -465, -510, -511, -512, -513, M39029/92-533, -534, M39029/93-539, M39029/94-543
M22520/7-04	616329	Positioner	5120-00-133-1772	MS27490-16, MS27491-16, MS27492-16, MS27493-16, MS27494-16, M39029/56-352, M39029/57-358, M39029/58-364, M39029/87-478, -479, -480, -481, M39029/88-490, -491, -492, -493, M39029/89-502, -503, -504, -505
M22520/7-05	616330	Positioner	5120-00-133-1778	MS27490-22, -22M, -22D, M39029/56-348, -349, -350, M39029/88-482, -483, -484, -485
M22520/7-06	616331	Positioner	5120-00-133-1781	MS27491-22, -22M, -22D, MS27492-22, -22M, -22D, M39029/57-354, -355, -356, M39029/89-494, -495, -496, -497
M22520/7-07	616332	Positioner	5120-00-133-1782	MS27493-22, -22M, -22D, MS27494-22, -22M, -22D, M39029/58-360, -361, -362, M39029/87-470, -471, -472, -473
M22520/7-08	616333	Positioner	5120-00-133-1785	MS27490-20, MS27491-20, MS27492-20, MS27493-20, MS27494-20, M39029/56-351, M39029/57-357, M39029/58-363, M39029/87-474, -475, -476, -477, M39029/88-486, -487, -488, -489, M39029/89-498, -499, -500, -501
M22520/7-09	616334	Positioner	5120-00-133-1790	MS3343-20-20 (A&B), MS90460-20-20 (A&B), MS90461-20-20 (A&B), M39029/33-266, M39029/46-306, M39029/47-316
M22520/7-10	616335	Positioner	5120-00-133-1792	MS3343-16-16 (A&B), MS90460-16-16 (A&B), MS90461-16-16 (A&B), M39029/33-268, M39029/46-308, M39029/47-337
M22520/7-11	620083	Positioner	5120-01-122-1201	M39029/22-190-191, M39029/101-551, -552
M22520/7-12	620084	Positioner	5120-01-112-2925	M39029/22-192, M39029/101-553
M22520/7-13	620085	Positioner	5120-01-110-4472	M39029/22-193, M39029/101-554
M22520/3-3	616337	Gage	5220-00-338-0378	

**For additional positioners consult factory.**