

23 Series

Large Gauge 4 Indent Tools

The 23 series tools are designed to produce four indent crimps on contacts, sizes 8 thru 4/0 AWG. Dies and locators are interchangeable and Mil-Qualified to the AS22520/23 specification. Custom dies and positioners may be designed to specific requirements. Terminals and lugs may be accommodated for non-military use.

WA23 (M22520/23-01)

Qualified to AS22520/23, DMC's heavy-duty pneumatic indent crimp tool, the WA23™ functions with the push of a button for operator ease. This crimp tool operates on standard 90–125 psi (5.4–8.16 BAR) shop air sources. It features a full-cycle control system. This tool is portable and needs no extra booster for large size contacts.

The **DMC1663** kit includes a WA23 and all MIL-Spec dies and locators.

L x W x H: 17 x 7.3 x 9.3 (in) 432 x 184 x 235 (mm)

Weight: 20.1 lb + hose

Power: Compressed air



HDE23C

The HDE23C offers next-generation, high-tech features allowing you to track tool performance, users, and projects. Crimp data is viewable in real-time on the LED display, or can be downloaded via Bluetooth® to an app.

L x W x H: 18.5 x 4 x 14.8 (in) 470 x 102 x 375 (mm)

Weight: 13.3 lb

Power: Battery



HD23 (M22520/48-01*)

The HD23 was developed with aircraft maintainers in mind and provides a portable hydraulic option.

The DMC2265 kit includes an HD23 and all MIL-Spec dies, locators, and gages.

L x W x H: 23 x 4 x 5.75 (in) 584 x 102 x 147 (mm)

Weight: 13.8 lb

Power: Manual Hydraulic

*Contact DMC for QPL status.



23 Series

Large Gauge 4 Indent Tools



M22520/48-01 TOOL, DIE AND LOCATOR LIST

MIL PART #	DESCRIPTION	DMC PART #
M22520/48-01*	Crimp Tool	HD23
M22520/23-02	Die Assy. 8	WA23-2
M22520/23-03	Die Assy. 6	WA23-3
M22520/23-04	Die Assy. 4	WA23-4
M22520/23-05	Die Assy. 1/0	WA23-5
M22520/23-06	Die Assy. 2/0	WA23-6
M22520/23-07	Die Assy. 4/0	WA23-7
M22520/23-08	Die Assy. 1	WA23-8
M22520/23-09	Positioner 8	WA23-9
M22520/23-10	Positioner 6	WA23-10
M22520/23-11	Positioner 4	WA23-11
M22520/23-12	Positioner 4, 4N, 4G	WA23-12
M22520/23-13	Positioner 1/0	WA23-13
M22520/23-14	Positioner 1/0, 1/0N, 1	WA23-14
M22520/23-15	Positioner 2/0, 2/0N	WA23-15
M22520/23-16	Positioner 4/0, 4/0N	WA23-16

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DIE SET INSPECTION GAGING INFORMATION

DIE ASSEMBLY	CONTACT SIZE	"GO"	"NO-GO"	GAGE P/N	GAGE MILITARY P/N
M22520/23-02	8	.130	.136	G693	M22520/3-18*
M22520/23-03	6	.171	.178	G694	M22520/3-19*
M22520/23-04	4	.195	.202	G695	M22520/3-20*
M22520/23-05	0	.325	.332	G696	M22520/3-21*
M22520/23-06	00	.351	.358	G697	M22520/3-22*
M22520/23-07	0000	.425	.432	G698	M22520/3-23*
M22520/23-08	1	.255	.265	G1299	M22520/3-24*

*Contact DMC for QPL status

Refer to the M39029 Contact Database on www.dmctools.com for selection of the correct tooling for contacts by BIN code numbers.

CONTACT APPLICATION CROSS REFERENCE

CONTACT PART #	BIN CODE	TYPE P/S	SIZE	DIE ASSEMBLY	POSITIONER
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MIL-C-5015 Front Release (3400 Series)

M39029/44	291	P	8	WA23-2	WA23-9
M39029/45	298	S	8	WA23-2	WA23-9
M39029/44	292	P	4	WA23-4	WA23-11
M39029/45	299	S	4	WA23-4	WA23-11
M39029/44	293	P	0	WA23-5	WA23-13
M39029/45	300	S	0	WA23-5	WA23-13

MIL-C-5015 Rear Release (3450 Series)

M39029/29	214	P	8	WA23-2	WA23-9
M39029/30	220	S	8	WA23-2	WA23-9
M39029/29	215	P	4	WA23-4	WA23-11
M39029/30	221	S	4	WA23-4	WA23-11
M39029/29	216	P	0	WA23-5	WA23-13
M39029/30	222	S	0	WA23-5	WA23-13

MIL-C-22992 Class L Heavy Duty Cylindrical Connector

M39029/48	317	P	6	WA23-3	WA23-10
M39029/48	318	P	6N	WA23-3	WA23-10
M39029/48	319	P	6G	WA23-3	WA23-10
M39029/49	329	S	6	WA23-3	WA23-10
M39029/49	330	S	6G	WA23-3	WA23-10
M39029/48	320	P	4	WA23-4	WA23-12
M39029/48	321	P	4N	WA23-4	WA23-12
M39029/48	322	P	4G	WA23-4	WA23-12
M39029/49	331	S	4	WA23-4	WA23-12
M39029/49	332	S	4G	WA23-4	WA23-12
M39029/48	323	P	1/0	WA23-5	WA23-14
M39029/48	324	P	1/0N	WA23-5	WA23-14
M39029/49	333	S	1/0	WA23-5	WA23-14
M39029/48	325	P	2/0	WA23-6	WA23-15
M39029/48	326	P	2/0N	WA23-6	WA23-15
M39029/49	334	S	2/0	WA23-6	WA23-15
M39029/48	327	P	4/0	WA23-7	WA23-16
M39029/48	328	P	4/0N	WA23-7	WA23-16
M39029/49	335	S	4/0	WA23-7	WA23-16

J-Tech

541-220-0808	214	P	8	WA23-2	WA23-9
541-220-0404	215	P	4	WA23-4	WA23-11
542-220-0808	220	S	8	WA23-2	WA23-9
542-220-0404	221	S	4	WA23-4	WA23-11

Amphenol/Bendix

10-497100-6	317	P	6	WA23-3	WA23-10
10-497102-6	318	P	6N	WA23-3	WA23-10
10-497222-6	319	P	6	WA23-3	WA23-10
10-497100-4	320	P	4	WA23-4	WA23-12
10-497102-4	321	P	4N	WA23-4	WA23-12
10-497222-4	322	P	4G	WA23-4	WA23-12
10-497100-3	323	P	1/0	WA23-5	WA23-14
10-497102-3	324	P	1/0N	WA23-5	WA23-14
10-497100-43	327	P	4/0	WA23-7	WA23-16
10-497102-43	328	P	4/0N	WA23-7	WA23-16
10-497101-6	329	S	6	WA23-3	WA23-10
10-497223-6	330	S	6G	WA23-3	WA23-10
10-497101-4	331	S	4	WA23-4	WA23-12
10-497223-4	332	S	4G	WA23-4	WA23-12
10-497101-3	333	S	1/0	WA23-5	WA23-14
10-497101-43	335	S	4/0	WA23-7	WA23-16

CONTACT PART #	BIN CODE	TYPE P/S	SIZE	DIE ASSEMBLY	POSITIONER
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Burdyn Corporation (FCI)

B559-01-3	318	P	6N	WA23-3	WA23-10
B559-01-6	319	P	6	WA23-3	WA23-10
B559-01-1	320	P	4	WA23-4	WA23-12
B559-01-2	321	P	4N	WA23-4	WA23-12
B559-01-10	322	P	4G	WA23-4	WA23-12
B559-01-4	323	P	1/0	WA23-5	WA23-14
B559-01-5	324	P	1/0N	WA23-5	WA23-14
B559-01-8	327	P	4/0	WA23-7	WA23-16
B559-01-9	328	P	4/0N	WA23-7	WA23-16
B560-01-2	329	S	6	WA23-3	WA23-10
B560-01-4	330	S	6G	WA23-3	WA23-10
B560-01-1	331	S	4	WA23-4	WA23-12
B560-01-6	322	S	4G	WA23-4	WA23-12
B560-01-3	333	S	1/0	WA23-5	WA23-14
B560-01-5	335	S	4/0	WA23-7	WA23-16

ITT Cannon

030-3198-003	214	P	8	WA23-2	WA23-9
030-3199-004	215	P	4	WA23-4	WA23-11
030-3200-003	216	P	0	WA23-5	WA23-13
031-3116-003	220	S	8	WA23-2	WA23-9
031-3117-003	221	S	4	WA23-4	WA23-11
031-3118-003	222	S	0	WA23-5	WA23-13

Matrix Science/Amphenol

5000-029-0008	214	P	8	WA23-2	WA23-9
5000-029-0004	215	P	4	WA23-4	WA23-11
5000-029-0000	216	P	0	WA23-5	WA23-13
5100-033-0008	220	S	8	WA23-2	WA23-9
5100-033-0004	221	S	4	WA23-4	WA23-11
5100-033-0000	222	S	0	WA23-5	WA23-13

Tri-Star

916-0808-093	214	P	8	WA23-2	WA23-9
916-0404-094	215	P	4	WA23-4	WA23-11
916-0000-095	216	P	0	WA23-5	WA23-13
915-0808-093	220	S	8	WA23-2	WA23-9
915-0404-094	221	S	4	WA23-4	WA23-11
915-0000-095	222	S	0	WA23-5	WA23-13
915-0606-595	317	P	6	WA23-3	WA23-10
915-0606-596	318	P	6N	WA23-3	WA23-10
915-0606-597	319	P	6G	WA23-3	WA23-10
915-0404-576	320	P	4	WA23-4	WA23-12
915-0404-577	321	P	4N	WA23-4	WA23-12
915-0404-578	322	P	4G	WA23-4	WA23-12
915-1001-498	323	P	1/0	WA23-5	WA23-14
915-1001-499	324	P	1/0N	WA23-5	WA23-14
915-2020-579	325	P	2/0	WA23-6	WA23-15
915-2020-580	326	P	2/0N	WA23-6	WA23-15
915-4040-598	327	P	4/0	WA23-7	WA23-16
915-4040-599	328	P	4/0N	WA23-7	WA23-16
916-0606-595	329	S	6	WA23-3	WA23-10
916-0606-597	330	S	6G	WA23-3	WA23-10
916-0404-576	331	S	4	WA23-4	WA23-12
916-0404-578	332	S	4G	WA23-4	WA23-12
916-1001-498	333	S	1/0	WA23-5	WA23-14
916-2020-579	334	S	2/0	WA23-6	WA23-15
916-4040-598	335	S	4/0	WA23-7	WA23-16