

# D-M-E Ejector and Core Pin Diameters Table

Reference | D-M-E Ejector and Core Pins Diameters Table

PIN DIA	FRACTION OR METRIC SIZE	EJECTOR		CORE	
		ITEM NUMBER	STANDARD LENGTHS: inch or mm	ITEM NUMBER	LENGTHS: inch or mm
.0312	1/32	EX2-1/2 SH	6	—	—
.0312	1/32	EX2 (2 SH)	6	—	—
.0315	0.8MM	EC-0.8	80, 100, 125, 160	—	—
.0354	0.9MM	EC-0.9	80, 100, 125, 160	—	—
.0362	1/32 OS	EX2-1/2 SH OS	6	—	—
.0362	1/32 OS	EX2 OS (2SH)	6	—	—
.0394	1MM	EC-1	80, 100, 125, 160, 200	—	—
.0394	1.1MM	JFX-010	100, 150	—	—
.0433	3/64	EC-1.1	80, 100, 125, 160	—	—
.0469	3/64	EX3 NS	6	—	—
.0469	3/64	EX3-1/2 SH	6, 10, 14	—	—
.0469	3/64	EX3 (2SH)	6, 10, 14	—	—
.0469	1.2MM	THX03	6	—	—
.0469	1.3MM	EC-1.2	80, 100, 125, 160	—	—
.0472	3/64 OS	EC-1.3	80, 100, 125, 160	—	—
.0512	3/64 OS	EX3 NS OS	6	—	—
.0519	3/64 OS	EX3-1/2 SH OS	10	—	—
.0519	3/64 OS	EX3 OS (2 SH)	10	—	—
.0519	1.4MM	THX03 OS	6	—	—
.0519	1.5MM	EC-1.4	80, 100, 125, 160	—	—
.0551	1.5MM	EC-1.5	80, 100, 125, 160, 200, 250	AH-1.5	100, 125, 160
.0591	1/16	JFX-015	100, 150, 200	—	—
.0591	1/16	EX5 NS	6	—	—
.0625	1/16	EX5-1/2 SH	6, 10, 14	—	—
.0625	1/16	EX5 (2 SH)	6, 10, 14	—	—
.0625	1/16	THX05	6	—	—
.0625	1/16	CT5 NS	6	—	—
.0625	1/16	CT5 (2 SH)	6	—	—
.0630	1.6MM	EC-1.6	80, 100, 125, 160, 200	AH-1.6	40, 60, 80, 100, 125, 160, 200
.0669	1.7MM	EC-1.7	80, 100, 125, 160, 200	—	—
.0675	1/16 OS	EX5 NS OS	6	—	—
.0675	1/16 OS	EX5-1/2 SH OS	10	—	—
.0675	1/16 OS	EX5 OS (2 SH)	10	—	—
.0675	1/16 OS	THX05 OS	6	—	—
.0709	1.8MM	EC-1.8	80, 100, 125, 160, 200	—	—
.0748	1.9MM	EC-1.9	80, 100, 125, 160, 200	—	—
.0781	5/64	EX6 NS	6, 10	—	—
.0781	5/64	EX6-1/2 SH	6, 10, 14	—	—
.0781	5/64	EX6 (2 SH)	6, 10, 14	—	—

PIN DIA	FRACTION OR METRIC SIZE	EJECTOR		CORE	
		ITEM NUMBER	STANDARD LENGTHS: inch or mm	ITEM NUMBER	LENGTHS: inch or mm
.0781	5/64	THX06	6, 10	—	—
.0781	5/64	CT6 NS	6	—	—
.0781	5/64	CT6 (2 SH)	6	—	—
.0787	2MM	E-2	160, 250	AH-2	40, 60, 80, 100, 125, 160, 200, 250
.0787	2MM	EC-2	80, 100, 125, 160, 200, 250	—	—
.0787	2MM	JFX-020	100, 150, 200, 250	—	—
.0831	5/64 OS	EX6 NS OS	10	—	—
.0831	5/64 OS	EX6-1/2 SH OS	10	—	—
.0831	5/64 OS	EX6 OS (2 SH)	10	—	—
.0831	5/64 OS	THX06 OS	10	—	—
.0866	2.2MM	E-2.2	160	AH-2.2	100, 125, 160, 200, 250
.0866	2.2MM	EC-2.2	80, 100, 125, 160, 200	—	—
.0938	3/32	EX7 NS	6, 10	C/CX-7	3, 6, 10
.0938	3/32	EX7-1/2 SH	6, 10, 14	—	—
.0938	3/32	EX7 (2 SH)	6, 10, 14	—	—
.0938	3/32	THX07	6, 10	—	—
.0938	3/32	CT7 NS	6	—	—
.0938	3/32	CT7 (2 SH)	6	—	—
.0984	2.5MM	E-2.5	160, 250, 315	AH-2.5	40, 60, 80, 100, 125, 160, 200, 250
.0984	2.5MM	EC-2.5	100, 125, 160, 200, 250	—	—
.0984	2.5MM	JFX-025	100 THROUGH 650	—	—
.0988	3/32 OS	EX7 NS OS	6, 10	—	—
.0988	3/32 OS	EX7-1/2 SH OS	10	—	—
.0988	3/32 OS	EX7 OS (2 SH)	10	—	—
.0988	3/32 OS	THX07 OS	6, 10	—	—
.1063	2.7MM	E-27	160	—	—
.1094	7/64	EX8 NS	6, 10	C/CX-8	3, 6, 10
.1094	7/64	EX8-1/2 SH	6, 10, 14	—	—
.1094	7/64	EX8 (2 SH)	6, 10	—	—
.1094	7/64	THX08	6, 10	—	—
.1094	7/64	CT8 NS	6	—	—
.1094	7/64	CT8 (2 SH)	6	—	—
.1144	7/64 OS	EX8 NS OS	10	—	—
.1144	7/64 OS	EX8-1/2 SH OS	10	—	—
.1144	7/64 OS	THX08 OS	10	—	—
.1181	3MM	E-3	160, 250, 315, 400, 500	AH-3	40, 60, 80, 100, 125, 160, 200, 250
.1181	3MM	JFX-030	100 THROUGH 700	AHX-3	100, 200, 315
.125	1/8	EX9	6, 10, 14	C/CX-9	3, 6, 10, 14

**Description of Pin Abbreviations:**

1/2 SH = 1/2" Shoulder  
 2 SH = 2" Shoulder  
 NS = No Shoulder  
 THX = No Shoulder  
 OS = Oversize

**Ejector Pins – INCH:**

EX = Hotwork Ejector Pins  
 THX = Through-Hardened Ejector Pins  
 CT = Close-Tolerance Through-Hardened Ejector Pins

**Ejector Pins – DIN:**

E = DIN Ejector Pins  
 EC = DIN Ejector Pins; Shoulder  
 JFX = DIN Ejector Pins; JIS Standard

**Core Pins – INCH & DIN:**

C = Core Pins; Standard Hardness  
 CX = Core Pins; High Hardness  
 AHX = DIN Core Pins; Standard Through-Hardened  
 AH = DIN Core Pins; High Through-Hardened

# D-M-E Ejector and Core Pin Diameters Table

PIN DIA	FRACTION OR METRIC SIZE	EJECTOR		CORE	
		ITEM NUMBER	STANDARD LENGTHS: inch or mm	ITEM NUMBER	LENGTHS: inch or mm
.125	1/8	THX09	6, 10, 14	—	—
.125	1/8	CT9	6	—	—
.1260	3.2MM	E-3.2	160, 250, 315, 400	AH-3.2	100, 125, 160, 200, 250
.130	1/8 OS	EX9 OS	6, 10, 14	—	—
.130	1/8 OS	THX09 OS	6, 10, 14	—	—
.1378	3.5MM	E-3.5	160, 250, 315, 400	AH-3.5	100, 125, 160, 200, 250
.1378	3.5MM	JFX-035	100 THROUGH 750	—	—
.1406	9/64	EX10	10, 14	C/CX-10	3, 6, 10, 14
.1406	9/64	THX10	10, 14	—	—
.1456	9/64 OS	EX10 OS	10	—	—
.1456	9/64 OS	THX10 OS	10	—	—
.1457	3.7MM	E-3.7	160, 250, 315, 400	AH-3.7	100, 125, 160, 200, 250
.1562	5/32	EX11	6, 10, 14, 18	C/CX-11	3, 6, 10, 14
.1562	5/32	THX11	6, 10, 14	—	—
.1562	5/32	CT11	6	—	—
.1575	4MM	E-4	160, 250, 315, 400, 500	AH-4	40, 60, 80, 100, 125, 160, 200, 250, 315
.1575	4MM	JFX-040	100 THROUGH 750	AHX-4	100, 200, 315
.1612	5/32 OS	EX11 OS	6, 10, 14	—	—
.1612	5/32 OS	THX11 OS	6, 10, 14	—	—
.1654	4.2MM	E-4.2	160, 250, 315, 400	AH-4.2/CX-12	100, 125, 160, 200, 250, 315
.1719	11/64	EX12	10, 14	—	3, 6, 10, 14
.1719	11/64	THX12	10, 14	—	—
.1769	11/64 OS	EX12 OS	10	—	—
.1769	11/64 OS	THX12 OS	10	AH-4.5	—
.1772	4.5MM	E-4.5	160, 250, 315, 400	—	100, 125, 160, 200
.1772	4.5MM	JFX-045	100 THROUGH 750	C/CX-13	—
.1875	3/16	EX13	6, 10, 14, 18, 25	—	3, 6, 10, 14
.1875	3/16	THX13	6, 10, 14	—	—
.1925	3/16 OS	EX13 OS	6, 10, 14	—	—
.1925	3/16 OS	THX13 OS	6, 10, 14	AH-5	—
.1969	5MM	E-5	160, 250, 315, 400, 500, 630	AHX-5	40, 60, 80, 100, 125, 160, 200, 250, 315
.1969	5MM	JFX-050	100 THROUGH 750	C/CX-14	100, 200, 315
.2031	13/64	EX14	10, 14	—	3, 6, 10, 14
.2031	13/64	THX14	10, 14	AH-5.2	—
.2047	5.2MM	E-5.2	160, 250, 315, 400, 500	—	100, 125, 160, 200, 250, 315
.2081	13/64 OS	EX14 OS	10	—	—
.2081	13/64 OS	THX14 OS	10	—	—
.2165	5.5MM	E-5.5	160, 250, 315, 400, 500	AH-5.5	—
.2165	5.5MM	JFX-055	100 THROUGH 600	C/CX-15	100, 125, 160, 200
.2188	7/32	EX15	6, 10, 14, 25	—	3, 6, 10, 14
.2188	7/32	THX15	6, 10, 14	—	—
.2238	7/32 OS	EX15 OS	6, 10, 14	—	—
.2238	7/32 OS	THX15 OS	6, 10, 14	—	—
.2344	15/64	EX16	10, 14	—	—
.2344	15/64	THX16	10, 14	AH-6	—
.2362	6MM	E-6	160, 250, 315, 400, 500, 630	AHX-6	40, 60, 80, 100, 125, 160, 200, 250, 315
.2362	6MM	JFX-060	100 THROUGH 800	—	100, 200, 315
.2394	15/64 OS	EX16 OS	10	—	—
.2394	15/64 OS	THX16 OS	10	—	—
.2441	6.2MM	E-6.2	160, 250, 315, 400, 500	AH-6.2	100, 125, 160, 200, 250, 315
.250	1/4	EX17	6, 10, 14, 18, 25	C/CX-17	3, 6, 10, 14
.250	1/4	THX17	6, 10, 14, 18	—	—
.255	1/4 OS	EX17 OS	6, 10, 14, 18	—	—
.255	1/4 OS	THX17 OS	6, 10, 14	—	—
.2559	6.5MM	E-6.5	160, 250, 315, 400, 500	AH-6.5	100, 125, 160, 200, 250
.2559	6.5MM	JFX-065	100 THROUGH 600	—	—
.2656	17/64	EX18	10, 14, 25	—	—
.2656	17/64	THX18	10, 14	—	—
.2706	17/64 OS	EX18 OS	10	—	—
.2706	17/64 OS	THX18 OS	10	—	—
.2756	7MM	E-7	160, 250, 315, 400, 500	AH-7	100, 125, 160, 200, 250
.2756	7MM	JFX-070	100 THROUGH 800	—	—
.2812	9/32	EX19	6, 10, 14, 18, 25	C/CX-19	3, 6, 10, 14
.2812	9/32	THX19	6, 10, 14	—	—
.2862	9/32 OS	EX19 OS	6, 10, 14	—	—
.2862	9/32 OS	THX19 OS	6, 10, 14	—	—
.2969	19/64	EX20	10, 14	—	—
.2969	19/64	THX20	10, 14	—	—
.3019	19/64 OS	EX20 OS	10	—	—
.3019	19/64 OS	THX20 OS	10	—	—
.3125	5/16	EX21	6, 10, 14, 18, 25	C/CX-21	3, 6, 10, 14
.3125	5/16	THX21	6, 10, 14, 18	—	—
.3150	8MM	E-8	160, 250, 315, 400, 500, 630, 800	AH-8	60, 80, 100, 125, 160, 200, 250, 315
.3150	8MM	JFX-080	100 THROUGH 1200	AHX-8	100, 200, 315
.3175	5/16 OS	EX21 OS	6, 10, 14, 18	—	—
.3175	5/16 OS	THX21 OS	6, 10, 14	—	—
.3228	8.2MM	E-8.2	160, 250, 315, 400, 500, 630	AH-8.2	100, 125, 160, 200, 250, 315
.3281	21/64	EX22	10, 14, 25	—	—
.3281	21/64	THX22	10, 14	—	—
.3331	21/64 OS	EX22 OS	10	—	—
.3331	21/64 OS	THX22 OS	10	—	—
.3346	8.5MM	E-8.5	160, 250, 315, 400, 500, 630	—	—
.3438	11/32	EX23	6, 10, 14, 25	C/CX-23	3, 6, 10, 14
.3438	11/32	THX23	6, 10, 14	—	—
.3488	11/32 OS	EX23 OS	10, 14	—	—
.3488	11/32 OS	THX23 OS	10, 14	—	—
.3543	9MM	E-9	160, 250, 315, 400, 500, 630	—	—
.3543	9MM	JFX-090	100 THROUGH 500	—	—
.3594	23/64	EX24	10, 14	—	—
.3594	23/64	THX24	10, 14	—	—
.3644	23/64 OS	EX24 OS	10	—	—
.3644	23/64 OS	THX24 OS	10	—	—
.375	3/8	EX25	6, 10, 14, 18, 25, 36	C/CX-25	3, 6, 10, 14
.375	3/8	THX25	6, 10, 14, 18	—	—
.380	3/8 OS	EX25 OS	6, 10, 14, 18	—	—
.380	3/8 OS	THX25 OS	6, 10, 14	—	—
.3906	25/64	EX26	10	—	—

# D-M-E Ejector and Core Pin Diameters Table

Reference | D-M-E Ejector and Core Pins Diameters Table

PIN DIA	FRACTION OR METRIC SIZE	EJECTOR		CORE	
		ITEM NUMBER	STANDARD LENGTHS: inch or mm	ITEM NUMBER	LENGTHS: inch or mm
.3906	25/64	THX26	10	—	—
.3937	10MM	E-10	160, 250, 315, 400, 500, 630, 800, 1000	AH-10	80, 100, 125, 160, 200, 250, 315
.3937	10MM	JFX-100	100 THROUGH 1200	AHX-10	100, 200, 315
.3956	25/64 OS	EX26 OS	10	—	—
.3956	25/64 OS	THX26 OS	10	—	—
.4016	10.2MM	E-10.2	160, 250, 315, 400, 500, 630	AH-10.2	100, 125, 160, 200, 250, 315
.4062	13/32	EX27	6, 10, 14, 18, 25	C/CX-27	3, 6, 10, 14
.4062	13/32	THX27	6, 10, 14	—	—
.4112	13/32 OS	EX27 OS	10, 14	—	—
.4112	13/32 OS	THX27 OS	10, 14	—	—
.4134	10.5MM	E-10.5	160, 250, 315, 400, 500, 630	AH-10.5	100, 125, 160, 200, 250, 315
.4219	27/64	EX28	10	—	—
.4219	27/64	THX28	10	—	—
.4269	27/64 OS	EX28 OS	10	—	—
.4269	27/64 OS	THX28 OS	10	—	—
.4331	11MM	E-11	160, 250, 315, 400, 500, 630	—	—
.4375	7/16	EX29	6, 10, 14, 18, 25, 36	C/CX-29	3, 6, 10, 14
.4375	7/16	THX29	6, 10, 14	—	—
.4425	7/16 OS	EX29 OS	6, 10, 14	—	—
.4425	7/16 OS	THX29 OS	6, 10, 14	—	—
.4531	29/64	EX30	10	—	—
.4531	29/64	THX30	10	—	—
.4581	29/64 OS	EX30 OS	10	—	—
.4581	29/64 OS	THX30 OS	10	—	—
.4688	15/32	EX31	6, 10, 14, 18, 25	—	3, 6, 10, 14
.4688	15/32	THX31	6, 10, 14	—	—
.4724	12MM	EX-12	160, 250, 315, 400, 500, 630	C/CX-31	80, 100, 125, 160, 200, 250, 315
.4724	12MM	JFX-120	100 THROUGH 1200	AH-12	100, 200, 315
.4738	15/32 OS	EX31 OS	10	—	—
.4803	12.2MM	E-12.2E	160, 250, 315, 400	—	—
.4844	31/64	X32	10, 14	—	—
.4844	31/64	THX32	10, 14	—	—
.4894	31/64 OS	EX32 OS	10	—	—
.4894	31/64 OS	THX32 OS	10	—	—
.4921	12.5MM	E-12.5	160, 250, 315, 400, 500, 630, 800	AH-12.5	100, 125, 160, 200, 250, 315

PIN DIA	FRACTION OR METRIC SIZE	EJECTOR		CORE	
		ITEM NUMBER	STANDARD LENGTHS: inch or mm	ITEM NUMBER	LENGTHS: inch or mm
.500	1/2	EX33	6, 10, 14, 18, 25, 36	C/CX-33	3, 6, 10, 14
.500	1/2	THX33	6, 10, 14, 18	—	—
.505	1/2 OS	EX33 OS	10, 14	—	—
.505	1/2 OS	THX33 OS	10, 14	—	—
.5312	17/32	EX34	6, 10, 14	—	—
.5312	17/32	THX34	6, 10, 14	—	—
.5512	14MM	E-14	160, 250, 315, 400, 500, 630, 800, 1000	AH-14	100, 125, 160, 200, 250, 315
.5625	9/16	EX35	6, 10, 14, 18, 25	C/CX-35	6, 10, 14
.5625	9/16	THX35	6, 10, 14	—	—
.5906	15MM	JFX-150	100 THROUGH 1200	—	—
.625	5/8	EX37	6, 10, 14, 18, 25, 36	C/CX-37	6, 10, 14
.625	5/8	THX37	6, 10, 14, 18	—	—
.6299	16MM	E-16	160, 250, 315, 400, 500, 630, 800, 1000	AH-16	100, 125, 160, 200, 250, 315
.6875	11/16	EX39	6, 10, 14, 18, 25	—	—
.6875	11/16	THX39	6, 10, 14	—	—
.7087	18MM	E-18	160, 250, 315, 400, 500, 630	—	—
.750	3/4	EX41	6, 10, 14, 18, 25, 36	C/CX-41	6, 10, 14
.750	3/4	THX41	6, 10, 14, 18	—	—
.7874	20MM	E-20	160, 250, 315, 400, 500, 630, 800, 1000	—	—
.875	7/8	EX45	6, 10, 14, 18, 25	—	—
.875	7/8	THX45	6, 10, 14	—	—
.9843	25MM	E-25	250, 315, 400, 500, 630, 800, 1000	—	—
1.000	1"	EX47	6, 10, 14, 18, 25, 36	—	—
1.000	1"	THX47	10, 14, 18	—	—
1.2598	32MM	E-32	250, 315, 400, 500, 630, 800, 1000	—	—

**Description of Pin Abbreviations:**

1/2 SH = 1/2" Shoulder  
 2 SH = 2" Shoulder  
 NS = No Shoulder  
 THX = No Shoulder  
 OS = Oversize

**Ejector Pins – INCH:**

EX = Hotwork Ejector Pins  
 THX = Through-Hardened Ejector Pins  
 CT = Close-Tolerance Through-Hardened Ejector Pins

**Ejector Pins – DIN:**

E = DIN Ejector Pins  
 EC = DIN Ejector Pins; Shoulder  
 JFX = DIN Ejector Pins; JIS Standard

**Core Pins – INCH & DIN:**

C = Core Pins; Standard Hardness  
 CX = Core Pins; High Hardness  
 AHX = DIN Core Pins; Standard Through-Hardened  
 AH = DIN Core Pins; High Through-Hardened

# D-M-E Mold Assembly

**Standardized  
components for  
specialized  
mold assembly**



**D-M-E**  
*Every step of the way*