



Your Single Source for All Your Fixturing Needs.

Precision Grid Bases

Ball Elements

Spring Supports

V Block Supports

Locators

Clamping Components



Modular Workholding

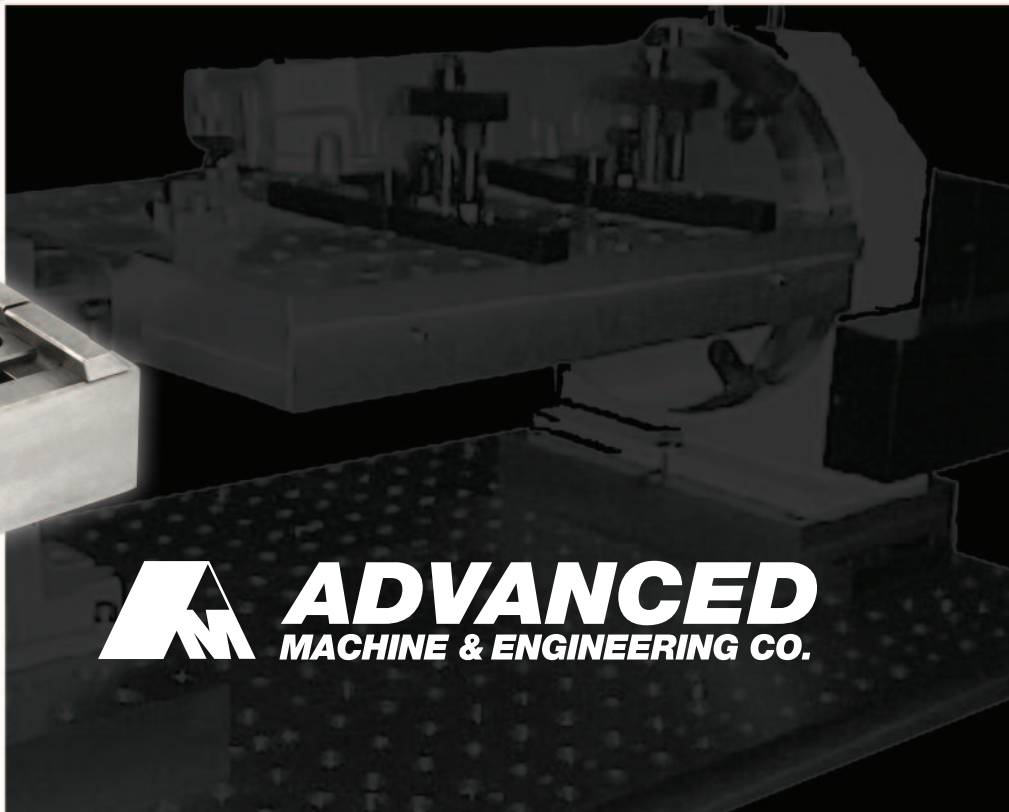
S.A.F.E.

Self Aligning Fixturing Elements











NEW for 2010!
DOVELTAIL VISE

Page 67



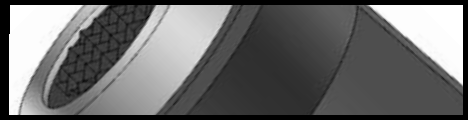
ADVANCED
MACHINE & ENGINEERING CO.

Table of Contents

	Section	Page
	System Features	7-13
	Precision Grid Bases	14-27
	Ball Elements	28-31
	Spring Supports	32-36
	Clamping & Support "V's"	37-41
	Locators	42-45
	Clamping Components	46-67
	Standard Accessories	68-80

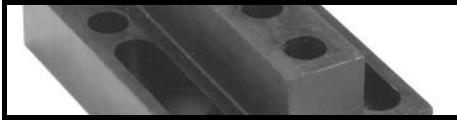
Fixture components previously offered but not shown in this catalog are available as "Non Stocked Items".

Part Number Index



AMF- Part Numbers & Pages

20000	Page	54469	29	59665	41	64517	53	76530	35
21510	48	54470	31	59666	41	64520	53	76550	34
21520	48	54470-01	31	59667	41	64525	53	76630	35
23520	48	54471	31	59668	41	64530	53	77510	43
25510	47	54471-01	31	59669	41	65510	53	77520	43
25520	47	54590	71	59670	41	65512	53	77530	44
		54590-01	71	59671	37	65515	53	77540	44
		54591	71	59671-01	37	65517	53	77551	41
30000		54592	71	59672	37	65520	53	77551-01	41
31510	51	59070	71	59672-01	37	65525	53	77552	41
31510-04	51	59071	71	59673	38	65530	53	77552-01	41
31570	58	59242	53	59673-01	38	66130	74	77560	72
31571	58	59242-01	53	59674	38	66141	75	77560-01	72
31572	58	59300-01	63	59674-01	38	66512	74	77561	72
31573	58	59300-02	63	59675	38	66514	74	77561-01	72
32510	51	59505	68	59675-01	38	66516	74	77562	72
32510-01	51	59506	68	59676	38	66521	74	77562-01	72
34510	51	59546-01	65	59676-01	38	66522	74	77563	72
34510-01	51	59546-01-D4	64	59677	73	66523	74	77563-01	72
36510	51	59546-01-D9	64	59678	73	66530	74	77564	72
36510-01	51	59546-02	65	59723	41	66540	75	77564-01	72
		59546-02-D9	64	59723-01	41	66541	75	77565	72
40000		59546-03	65	59723-02	41	66621	74	77565-01	72
42510	62	59546-03-D9	64	59723-03	41	66622	74	77566	72
42512-02	63	59546-04	65	59724	41	66623	74	77566-01	72
42512-03	63	59547-01	65	59724-01	41	66630	74	77567	72
42520	62	59547-02	64	59778-5	67	66630	74	77567-01	72
42530	59	59547-01-D2	64	59778-8	67	66630-01	74	77630	44
42531	59	59547-02	65	59778-12	67	66640	75	77640	44
42540B	59	59547-02-D2	64	59778-16	67	66641	75	78950	39
42540S	59	59547-03	65	59778-24	67	66641-01	75	78951	39
42541B	59	59547-03-D2	64	59779-5	67	66730	74		
42541S	59	59547-04	65	59779-8	67	66741	75	80000	
42542B	59	59547-04-D2	64	59779-12	67	67500	78	80952	68
42542S	59	59548-01	66	59779-16	67	67510	53	80952-01	68
42543B	59	59552-01	67	59779-24	67	67512	53	80953	68
42543S	59	59552-01-D18	67	59781	40	67515	53	80953-01	68
42544B	59	59552-02	67	59782	40	67517	53	80989	68
42544S	59	59552-02-D18	67	59783	40	67520	53	80989-02	68
42545B	59	59552-03-D18	67	59784	40	67525	53	80990	68
42545S	59	59553-01	67	59785	40	67530	53	80990-01	68
42610	62	59553-01-D18	67	59786	40	67600	78	80991	68
42620	62	59553-02	67	59787	40			80992	68
		59553-02-D18	67	59788	40	70000		80992-01	68
50000		59553-03-D18	67			71512	53	80995	68
51067	29	59575	73	60000		71522	53	87053	72
51426	70	59576	73	62510	42	71532	53	87053-01	72
51426-02	70	59577	73	62510-01	42	72510	46	87054	72
51427	70	59578	73	62520	42	72510-01	46	87054-01	72
51427-02	70	59579	73	62520-01	42	72510-02	46	87070	72
51428	70	59580	73	62530	42	72510-03	46	87070-01	72
51428-02	70	59618	49	62530-01	42	72520	46	87100	71
51441	70	59618-01	49	63510	53	72520-01	46	87100-01	71
51441-02	70	59618-02	49	63510-01	53	72520-02	46	87100-03	71
51442	70	59619	49	63512	53	72520-03	46	87100-04	71
51442-02	70	59619-01	49	63512-01	53	75500	77	87145-01	70
51443	70	59619-02	49	63515	53	75501	77	87146-01	70
51443-02	70	59620	49	63515-01	53	75510	77	87147-01	70
51444-03	54	59620-01	49	63517	53	75511	77	87182	72
51444-04	54	59620-02	49	63517-01	53	75520	77	87182-01	72
51473	43	59621	49	63520	53	75521	77	87183	72
54414	61	59621-01	49	63520-01	53	75600	77	87183-01	72
54414-01	61	59621-02	49	63525	53	75601	77	87184	72
54430-01	54	59622	49	63525-01	53	75610	77	87184-01	72
54431-01	54	59622-01	49	63530	53	75611	77	87270-01	70
54438	43	59622-02	49	63530-01	53	75620	77	87271-01	70
54439	39	59623-01	58	64510	53	75621	77	87272-01	70
54440	39	59633	71	64512	53	76510	35	87273-01	70
54462	60	59634	71	64515	53	76520	34	87274-01	70
54463	44								



Part Number Index

AMF- Part Numbers & Pages

87293	68	87596	28	87736-03	46
87311-01	70	87597	28	87738-01	69
87312-01	70	87598	28	87738-02	69
87313-01	70	87599	55	87739-01	69
87314-01	70	87599-01	55	87739-02	69
87315-01	70	87599-02	54	87741	31
87321	68	87599-03	56	87741-02	31
87338	72	87599-04	56	87742	31
87338-01	72	87601	30	87742-02	31
87339	72	87601-01	30	87746-01	72
87339-01	72	87602	30	87746-02	72
87412	28	87602-01	30	87747	72
87456	28	87615	33	87747-01	72
87464	43	87620	30	87787	68
87477	60	87621	30	87788	68
87477-01	60	87623	57	87876	69
87478	33	87623-01	57	87882	68
87481	29	87623-02	57	87883	68
87483	29	87624	30	87884	68
87490	29	87625	30	87885	68
87491	29	87626	30	87886	68
87495	28	87626-01	30	87887	68
87496	28	87627	30	87917	50
87505	60	87627-01	30	87918	71
87505-01	60	87628	57	87919	71
87524	43	87628-01	57	87922	36
87541	68	87628-02	57	87944	71
87542	52	87636	30	87968	44
87542-01	52	87637	30	87970	68
87542-02	52	87638	57	87983	68
87542-03	52	87639	57	87984	68
87542-04	52	87641	30	87985	68
87543	68	87642	30	87986	68
87544	68	87654	30	87987	68
87552	63	87655	30	87988	68
87553	63	87665	44	87989	68
87571	55	87673	30	87990	50
87571-01	55	87695	57	87991	68
87571-02	56	87695-01	57	87992	68
87572	55	87695-02	57	87993	68
87572-01	55	87696	57	87994	68
87572-02	56	87696-01	57	87995	68
87575	55	87696-02	57	87996	68
87575-01	55	87697	57	87997	68
87576	55	87698	57	87998	68
87576-01	55	87699	52	88107	72
87581	55	87699-01	52	88107-01	72
87581-02	55	87699-02	52	88108	72
87581-03	54	87699-03	52	88108-01	72
87581-04	54	87708-01	69	88116	70
87581-05	54	87708-02	69	88181	72
87581-06	56	87709-01	69	88181-01	72
87581-07	56	87709-02	69	88292	70
87582	29	87717	31	88322	70
87583	29	87717-01	31	88505	61
87584	29	87718	31	89976	71
87587	63	87718-01	31		
87588	63	87720	31		
87589	29	87721	31		
87589-01	29	87722	31		
87590	29	87722-01	31		
87590-01	29	87723	58		
87593	33	87724	31		
87593-01	32	87724-03	31		
87593-02	32	87725	31		
87593-03	32	87728	58		
87593-04	32	87736	46		
87594	29	87736-01	46		
87595	28	87736-02	46		

Precision Grid Bases

Part Number	Page	Part Number	Page
C080822-16-1	17	P3137-01-1	21
C080822-16-2	17	P3225-02-1	22
C081222-20-1	17	P3225-02-2	22
C081222-20-2	17	P3232-02-1	22
C101022-16-1	17	P3232-02-2	22
C101022-16-2	17	P32D-02-1	23
C121222-20-1	17	P32D-02-2	23
C121222-20-2	17	P3920-02-1	22
C121830-25-1	17	P3920-02-2	22
C121830-25-2	17	P3930-02-1	22
C181830-25-1	17	P3930-02-2	22
C181830-25-2	17	R0606-16-1	25
D200522-20-1	18	R0606-16-2	25
D200522-20-2	18	R0606-20-1	25
D250830-25-1	18	R0606-20-2	25
D250830-25-2	18	R0606-25-1	25
D250830-25-3	18	R0606-25-2	25
D250830-25-4	18	R0606-32-1	25
D320832-32-1	18	R0606-32-2	25
D320832-32-2	18	R0808-16-1	25
D320832-32-3	18	R0808-16-2	25
D320832-32-4	18	R0808-20-1	25
F0606-04-1	26	R0808-20-2	25
F0606-04-2	26	R0808-25-1	25
F0608-04-1	26	R0808-25-2	25
F0608-04-2	26	R0808-32-1	25
F0808-04-1	26	R0808-32-2	25
F0808-04-2	26	R1010-16-1	25
F1010-04-1	26	R1010-16-2	25
F1010-04-2	26	R1010-20-1	25
F1212-04-1	26	R1010-20-2	25
F1212-04-2	26	R1010-25-1	25
P0618-01-1	21	R1010-25-2	25
P0808-01-1	21	R1010-32-1	25
P0820-01-1	21	R1010-32-2	25
P1010-01-1	21	R1212-16-1	25
P1020-01-1	21	R1212-16-2	25
P1212-01-1	21	R1212-20-1	25
P1216-01-1	21	R1212-20-2	25
P1224-01-1	21	R1212-25-1	25
P13D-02-1	23	R1212-25-2	25
P1426-01-1	21	R1212-32-1	25
P1616-01-1	21	R1212-32-2	25
P1616-02-1	22	S0312-09-1	19
P1622-01-1	21	S0316-09-1	19
P1626-01-1	21	S0412-10-1	19
P16D-02-1	23	S0416-10-1	19
P1818-01-1	21	S0812-10-1	19
P2016-02-1	22	S0812-10-2	19
P2016-02-2	22	S1218-14-1	19
P2020-01-1	21	S1218-14-2	19
P2020-02-1	22	S1240-18-1	19
P2020-02-2	22	S1240-18-2	19
P2022-01-1	21	S1624-18-1	19
P2025-01-1	21	S1624-18-2	19
P20D-02-1	23	W120318-12-1	20
P20D-02-2	23	W160324-16-1	20
P2520-02-1	22	W160424-16-1	20
P2520-02-2	22	W200428-20-1	20
P2525-02-1	22	W200528-20-1	20
P2525-02-2	22	W250532-25-1	20
P2526-01-1	21	W250632-25-1	20
P2529-01-1	21	W320840-32-1	20
P25D-02-1	23		
P25D-02-2	23		

A History of Innovation & Practical Design

Advanced Machine & Engineering Co. takes pride in its newly expanded AMFLEX® Modular Fixturing product line. Throughout our thirty-six year history of fixture design, we have created families of modular components which have made our product line your premiere source for modular fixturing. Thanks to our dedicated workforce and your feedback, we have found practical solutions to your common workholding problems and are happy to introduce the **2010 AMFLEX® Modular Fixturing Catalog**.

At **Advanced Machine & Engineering Co.**, it is our policy to provide products and services that meet the needs and expectations of our customers while continually improving the effectiveness of the system to

enhance customer satisfaction. Whether you need hydraulic or pneumatic fixtures, modular components, S.A.F.E. grids, force cartridges, tombstones, or high density workholding systems, we have what it takes to get the job done right. Our trained design engineers and fixturing staff are ready and willing to assist you with all your dedicated or manual fixturing needs.

We would welcome your future suggestions and recommendations to help us to continually improve our components to meet your specifications. Visit our website at www.ame.com to find out more about **Advanced Machine & Engineering Co.'s** other product lines and services.

North-American Goellner, Inc. Facilities



Advanced Machine & Engineering Co. - Rockford, Illinois



Advanced Machine & Engineering Co. - Rockford, Illinois



Hennig, Inc. - Machesney Park, Illinois