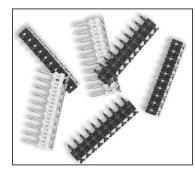


TRAKFAST® GAS CHARGED TOOLS



TRAKFAST PINS PULLOUT LOADS / CONCRETE AND HOLLOW BLOCK

FASTENER PART NUMBER		SHANK DIA. (INCH)	MINIMUM PENETRATION (INCH)	INSTALLED IN STONE AGGREGATE CONCRETE CONCRETE COMPRESSIVE STRENGTH ALLOWABLE LOAD — Ultimate Load											HOLLOW BLOCK Grade N, Type 1				
				4000 PSI					600	0 PSI		3000 PSI Lightweight LOWER FLUTE			FACE SHELL Min 1-1/4" face thicknes				
				TENSION (LBS)		SHEAR (LBS)		TENSION (LBS)		SHEAR (LBS)		TENSION (LBS)		SHEAR (LBS)		TENSION (LBS)		SHEAR (LBS)	
MP	034TH*, M034*	0.125	5/8	78	426	80	574	62	308			72	361	242	1210	133	691		
	00*, BR2*	0.125	3/4	104	593	195	977	132	658	206	1057	93	470	288	1442	84	444	87	44
14S	STUD	0.125	5/8	91	454			57	373										
SUM 8	34BB	0.104/ .118	3/4	51	256	83	418									36	184	58	29
SIIII SAC	CLIP	0.104/	5/8	62	310			106	528			44	220						
38H 34H 114 38T	ISMP034, 12HSMP034 ISMP034, 10HSMP034 IHSMP034, 14TRHMP034 IRHMP034, TSHMP034 ICMP034L, 34CCMP034L	0.104/ .125	5/8	60	357	117	587	107	533	191	957	54	269	230	1150	71	357	123	61
12H 10H 12C	00BB, 38HSSS10 HSSS10, 34HSSS10 HSSS10, TSHSS10 CSS10L, 34CCSS10L IRHSS10, 38TRHSS10	0.125/ .150	3/4	107	559	213	1067	161	803	248	1240	96	478	231	1156	102	512	166	83

* ESR-1955 pin data applies. Note 1: ALLOWABLE loads are shown in the LARGE BOLD font, Ultimate loads are shown in smaller italic font. Note 2: Testing conducted in accordance with ICC AC70 & ASTM E1190 Note 3: Safety factors are based on coefficient of variation. In accordance with ICC AC70, the safety factor will be no less than 5. Note 4: Values shown in concrete are for fastener only. Connected members must be investigated separately. Note 5: Cyclic, fatigue, shock loads and other design criteria may require a different safety factor. Note 6: Job-site testing may be required to determine actual job site values. Note 7: Minimum edge distance is 3 inches unless otherwise approved. In hollow block applications, no more than one fastener per cell. Note 8: For SI: 1 bf = 4.448 N, 1 inch = 25.4 mm, 1 ksi = 6.89MPa. Tables converted to metric are available on our website.

GAS FASTENERS IN STEEL

PART NUMBER	SHANK DIA. (INCH)	TYPE OF SHANK	INSTALLED IN A36 STRUCTURAL STEEL STEEL THICKNESS INCHES ALLOWABLE LOAD — Ultimate Load													
			3/16 (.1875)					1/4 (.250)		3/8 (.375)					
				NSION LBS)		SHEAR (LBS)		NSION LBS)		HEAR LBS)	TENSION (LBS)		SHEAR (LBS)			
FPP012	0.109	SMOOTH	200	1047	315	1570	230	1220	305	1526	210	1048 7	215	1076 7		
M012 FPP012S	0.104/.118	SMOOTH					148	744	157	787	166	<i>832</i> 7	157	787 7		
T3012	0.125	SMOOTH	63	676	162	1356	239	1285	211	1417	113	914 8	197	1327 8		
						INSTAL		ASTM A 57 THICKNES		E 50 STEEL S						
T3012	0.125	SMOOTH	103	733	222	1682	147	950	119	973	147	856 9	112	1014 9		

Note 1: ALLOWABLE loads are shown in the LARGE BOLD font, Ultimate loads are shown in smaller italic font. Note 2: Testing conducted in accordance with ICC AC70 & ASTM E1190. Note 3: Safety factors are based on coefficient of variation. In accordance with ICC AC70, the safety factor will be no less than 5. Note 4: Cyclic, fatigue, shock loads and other design criteria may require a different safety factor. Note 5: Job site testing may be required to determine actual job site values. Note 6: Values shown are for fastenings that have the entire pointed end of the fastener driven through the steel plate; except as noted below. Note 7: Fastener penetration is .31" minimum. Note 8: Fastener penetration is .29" minimum. Note 9: Fastener penetration is .29" minimum. Note 9: Fastener pathener at a suitable on our website.

ubmittal