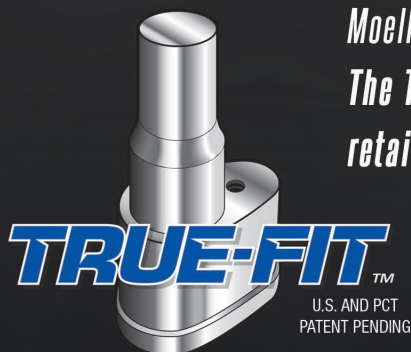


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*Moeller Precision Tool is proud to announce our newest ball-lock innovation!
The True-FitTM is the most economical, one-piece constructed, insertable
retainer; significantly reducing installation costs over any other product design.*



- The strongest and most economical insertable retainer
- The industry's only true one-piece construction produced from through-hardened, shock-resistant tool steel
- Adaptable booster spring and positive ball-lock retention system - resists shock and eliminates punch retention failure



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INSERTABLE PUNCH RETAINERS

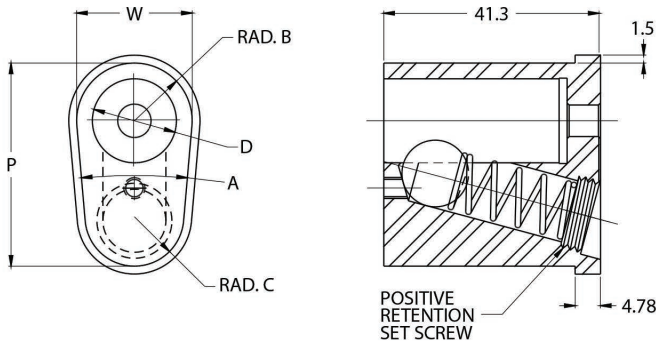
TRUE-FIT DELIVERY: 1 DAY



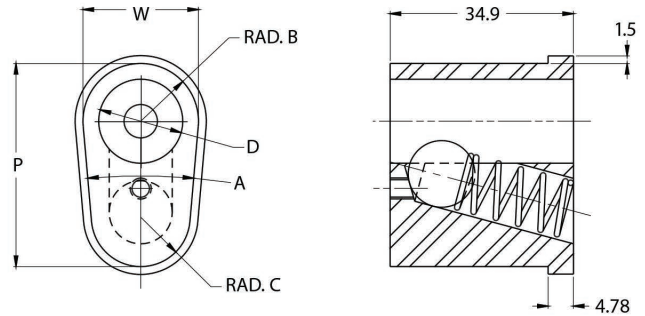
U.S. AND PCT PATENT PENDING

MOELLER
PRECISION TOOL
ADVANCED STAMPING APPLICATION TOOLING

MRI TRUE-SET STYLE



MRJ BACKING PLATE STYLE



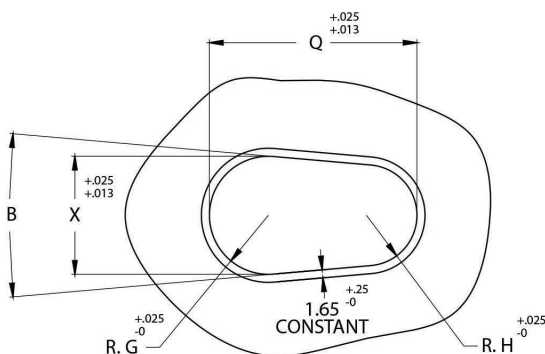
METRIC CATALOG TYPE	D	P	W	A	RAD. B	RAD. C
MR__010	10	29.48	15.88	5°	7.94	7.32
MR__013	13	36.04	19.05	5°	9.53	8.75
MR__016	16	39.21	22.23	10°	11.11	9.49
MR__020	20	42.39	25.4	10°	12.70	11.08
MR__025	25	48.74	31.75	30°	15.88	9.94
MR__032	32	55.09	38.10	30°	19.05	13.12
MR__040	40	63.69	48.00	30°	24.00	18.52

BOOSTER SPRINGS

	PUNCH SIZE 10 MM HDBL CATALOG # MAS010B
	PUNCH SIZE 13 THRU 40 MM HDBL CATALOG # MAS012B

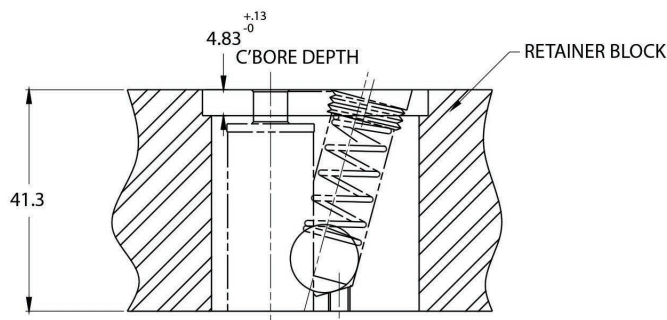
True-Fit™ Exclusive:
Option booster spring eliminates punch release caused by "ball bounce" associated with heavy gauge, high-strength, and aluminum materials.

HOLE DIMENSIONS FOR TRUE-FIT INSERTS

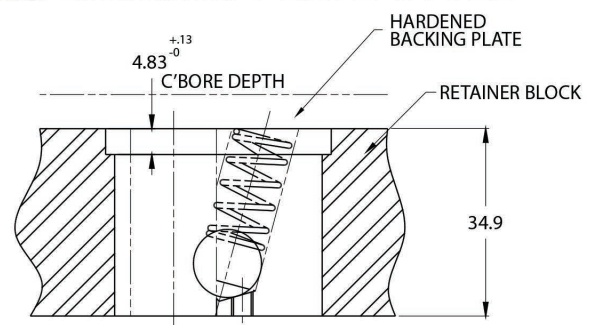


PUNCH SHANK Ø	Q	X	B	RAD. G	RAD. H
10	29.494	15.885	5°	7.943	7.323
13	36.048	19.060	5°	9.530	8.755
16	39.223	22.235	10°	11.118	9.497
20	42.398	25.410	10°	12.705	11.085
25	48.748	31.760	30°	15.880	9.949
32	55.098	38.110	30°	19.055	13.124
40	63.699	48.010	30°	24.005	18.526

MRI TRUE-SET STYLE



MRJ BACKING PLATE STYLE



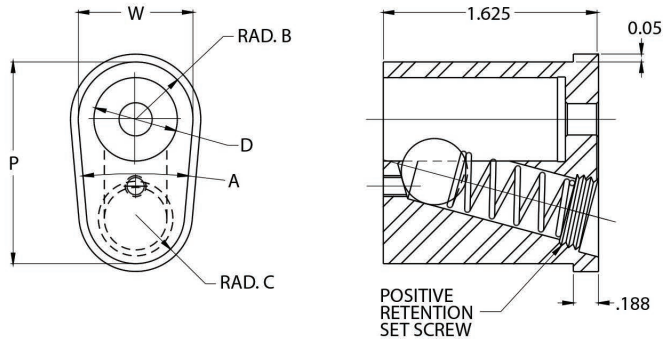
INSERTABLE PUNCH RETAINERS

TRUE-FIT DELIVERY: 1 DAY

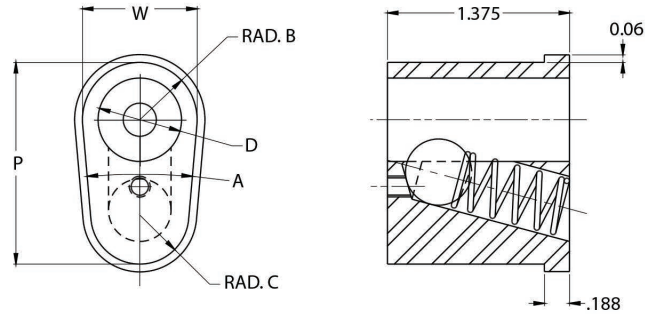


U.S. AND PCT PATENT PENDING

IRI TRUE-SET STYLE



IRJ BACKING PLATE STYLE



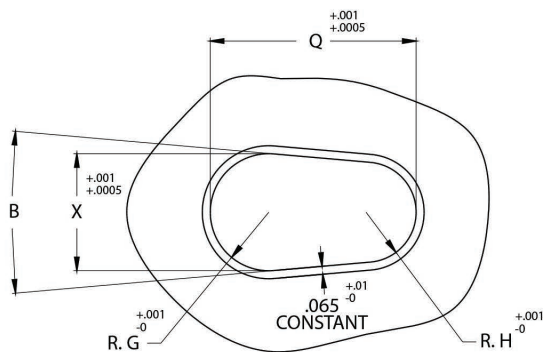
INCH CATALOG TYPE	D	P	W	A	RAD. B	RAD. C
IR_037	.375	1.1608	.625	5°	.3125	.2881
IR_050	.500	1.4188	.750	5°	.375	.3445
IR_062	.625	1.5438	.875	10°	.4375	.3737
IR_075	.750	1.6688	1.000	10°	.500	.4362
IR_087	.875	1.7938	1.125	10°	.5625	.4987
IR_100	1.000	1.9188	1.250	30°	.625	.3915
IR_125	1.250	2.1688	1.500	30°	.750	.5165

BOOSTER SPRINGS

	PUNCH SIZE .375 HDBL CATALOG # IAS037B
	PUNCH SIZE .500 THRU 1.250 HDBL CATALOG # IAS050B

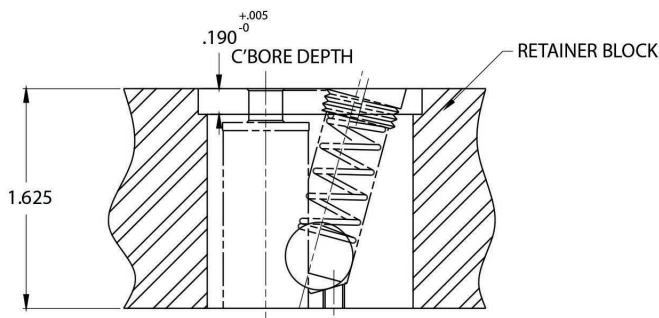
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HOLE DIMENSIONS FOR TRUE-FIT INSERTS

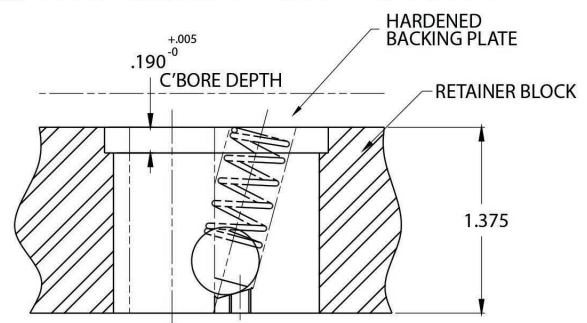


PUNCH SHANK Ø	Q	X	B	RAD. G	RAD. H
.375	1.1612	.6254	5°	.3127	.2883
.500	1.4192	.7504	5°	.3752	.3447
.625	1.5442	.8754	10°	.4377	.3739
.750	1.6692	1.0004	10°	.5002	.4364
.875	1.7942	1.1254	10°	.5627	.4989
1.000	1.9192	1.2504	30°	.6252	.3917
1.250	2.1692	1.5004	30°	.7502	.5167

IRI TRUE-SET STYLE



IRJ BACKING PLATE STYLE





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