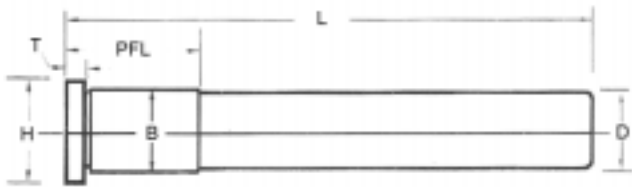


# Leader Pins

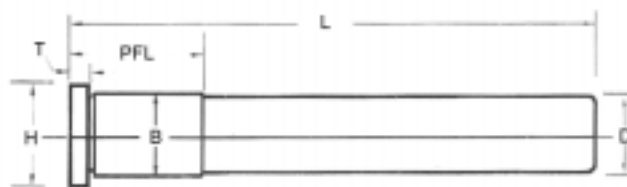


- Made from the finest alloy steels.
- Hardened and precision ground for mating bushing.

Tolerance Table				
Nominal Diameter	(D) Pin Diameter	(H) Head Diameter	(T) Head Thickness	(B) Press Fit
		+0.0000" -0.0005"	+0.000" -0.010"	+0.000" -0.005"
General Dimensions				
3/4	.749	.990	3/16	.751
7/8	.874	1.115	1/4	.876
1	.999	1.240	1/4	1.001
1-1/4	1.249	1.490	5/16	1.251
1-1/2	1.499	1.740	5/16	1.501
2	1.999	2.240	5/16	2.001
2-1/2	2.499	2.740	5/16	2.501

(L) Length	(D) 3/4"	PFL	Price	(D) 7/8"	PFL	Price	(D) 1"	PFL	Price	(D) 1-1/4"	PFL	Price	(D) 1-1/2"	PFL	Price
1-3/4	34134P	7/8	7.60	78134P	7/8	8.00	10134P	7/8	8.40	---	---	---	---	---	---
2-1/4	34214P	7/8	7.90	78214P	7/8	8.40	10214P	7/8	8.75	---	---	---	---	---	---
2-3/4	34234P	7/8	8.20	78234P	7/8	8.65	10234P	7/8	9.15	114234P	7/8	10.40	---	---	---
3-1/4	34314P	7/8	8.40	78314P	7/8	8.95	10314P	7/8	9.60	114314P	7/8	11.05	---	---	---
3-3/4	34334P	7/8	8.65	78334P	7/8	9.35	10334P	7/8	9.90	114334P	7/8	11.70	112334P	1-3/8	13.80
4-1/4	34414P	1-3/8	8.85	78414P	1-3/8	9.60	10414P	1-3/8	10.40	114414P	7/8	12.30	112414P	1-3/8	14.75
4-3/4	34434P	1-3/8	8.60	78434P	1-3/8	9.80	10434P	1-3/8	10.85	114434P	1-3/8	12.95	112434P	1-3/8	15.70
5-1/4	34514P	1-3/8	9.45	78514P	1-3/8	10.20	10514P	1-3/8	11.15	114514P	1-3/8	13.70	112514P	1-3/8	16.55
5-3/4	34534P	1-7/8	9.60	78534P	1-3/8	10.55	10534P	1-3/8	11.70	114534P	1-3/8	14.25	112534P	1-3/8	17.50
6-1/4	34614P	1-7/8	9.80	78614P	1-7/8	10.85	10614P	1-3/8	12.10	114614P	1-3/8	14.95	112614P	1-3/8	18.35
6-3/4	34634P	1-7/8	10.10	78634P	1-7/8	11.15	10634P	1-7/8	12.35	114634P	1-7/8	15.50	112634P	1-3/8	19.40
7-1/4	34714P	1-7/8	10.30	78714P	1-7/8	11.40	10714P	1-7/8	12.85	114714P	1-7/8	16.10	---	---	---
7-3/4	34734P	1-7/8	10.55	78734P	1-7/8	11.70	10734P	1-7/8	13.25	114734P	1-7/8	16.75	112734P	1-7/8	21.10
8-1/4	---	---	---	78814P	1-7/8	12.10	10814P	1-7/8	13.70	114814P	1-7/8	17.50	---	---	---
8-3/4	---	---	---	78834P	1-7/8	12.35	10834P	1-7/8	14.10	114834P	1-7/8	18.05	112834P	1-7/8	22.90
9-1/4	34914P	1-7/8	11.15	---	---	---	10914P	1-7/8	14.45	114914P	1-7/8	18.65	---	---	---
9-3/4	---	---	---	---	---	---	10934P	1-7/8	14.95	114934P	1-7/8	19.40	112934P	1-7/8	24.80
10-1/4	---	---	---	---	---	---	101014P	1-7/8	15.30	1141014P	1-7/8	20.05	---	---	---
10-3/4	---	---	---	781034P	1-7/8	13.70	101034P	1-7/8	15.70	1141034P	1-7/8	20.65	1121034P	1-7/8	26.60
11-1/4	---	---	---	---	---	---	101114P	1-7/8	16.10	1141114P	1-7/8	21.30	---	---	---
11-3/4	---	---	---	---	---	---	101134P	1-7/8	16.55	1141134P	1-7/8	21.95	1121134P	1-7/8	28.50
12-1/4	---	---	---	781214P	1-7/8	14.55	101214P	1-7/8	17.10	1141214P	1-7/8	22.45	---	---	---
12-3/4	---	---	---	---	---	---	---	---	---	1141234P	1-7/8	27.40	1121234P	1-7/8	35.85
13-3/4	---	---	---	---	---	---	---	---	---	1141334P	1-7/8	29.55	1121334P	1-7/8	38.90
14-3/4	---	---	---	---	---	---	---	---	---	1141434P	1-7/8	31.65	1121434P	1-7/8	42.00
15-3/4	---	---	---	---	---	---	---	---	---	1141534P	1-7/8	33.75	1121534P	1-7/8	44.75
24	---	---	---	---	---	---	102400P	1-7/8	44.30	1142400P	1-7/8	51.45	---	---	---
36	---	---	---	---	---	---	---	---	---	---	---	---	1123600P	2-3/8	123.75

# Leader Pins

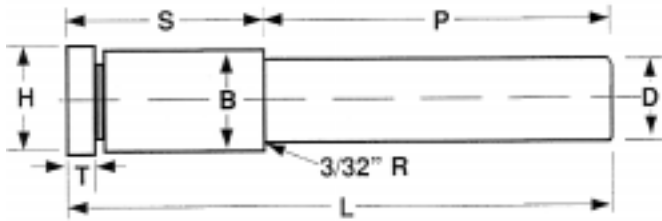


- Made from the finest alloy steels •
- Hardened and precision ground for mating bushing •

Tolerance Table				
Nominal Diameter	(D) Pin Diameter	(H) Head Diameter	(T) Head Thickness	(B) Press Fit
		+0.0000" -0.0005"	+0.000" -0.010"	+0.000" -0.005"
General Dimensions				
3/4	.749	.990	3/16	.751
7/8	.874	1.115	1/4	.876
1	.999	1.240	1/4	1.001
1-1/4	1.249	1.490	5/16	1.251
1-1/2	1.499	1.740	5/16	1.501
2	1.999	2.240	5/16	2.001
2-1/2	2.499	2.740	5/16	2.501
3	2.999	3.365	1/2	3.001

(L) Length	(D) 2"	PFL	Price	(D) 2-1/2"	PFL	Price	(D) 3"	PFL	Price
5-3/4	20534P	1-7/8	21.40	212534P	2-3/8	29.00	---	---	---
6-3/4	20634P	1-7/8	25.00	212634P	2-3/8	34.05	---	---	---
7-3/4	20734P	1-7/8	28.50	212734P	2-3/8	39.05	---	---	---
8-3/4	20834P	1-7/8	32.10	212834P	2-3/8	44.10	---	---	---
9-3/4	20934P	1-7/8	35.75	212934P	2-3/8	49.15	---	---	---
10-3/4	201034P	1-7/8	39.25	2121034P	2-3/8	54.15	---	---	---
11-3/4	201134P	1-7/8	42.85	2121134P	2-3/8	59.20	---	---	---
12-3/4	201234P	1-7/8	46.40	2121234P	2-3/8	64.15	301234P	2-7/8	119.25
13-3/4	201334P	1-7/8	50.10	2121334P	2-3/8	69.35	---	---	---
14-3/4	201434P	1-7/8	53.60	2121434P	2-3/8	74.40	301434P	2-7/8	130.25
15-3/4	201534P	1-7/8	57.20	2121534P	2-3/8	79.35	---	---	---
16-3/4	201634P	2-3/8	60.80	2121634P	2-3/8	84.40	301634P	2-7/8	148.60
18-3/4	201834P	2-3/8	68.05	2121834P	2-3/8	94.45	301834P	2-7/8	165.70
36	203600P	2-3/8	213.75	2123600P	2-3/8	287.75	303600P	2-7/8	473.75

# Shoulder Leader Pins



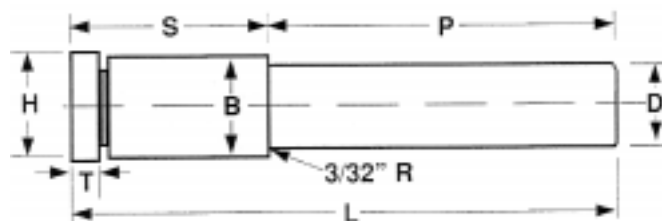
- Designed so that a single sized bore hole will accept both the shoulder leader pin and bushing.
- Available in a standard range established within the plastics industry.
- Produced for longevity and trouble-free performance.
- Constructed from the finest alloy steels.
- Manufactured using carefully controlled heat treatment.
- Ground to the highest standards for smooth operation in high production molds.

Tolerance Table				
Nominal Diameter	(D) Pin Diameter	(B) Shoulder Diameter	(H) Head Diameter	(T) Head Thickness
		+0.0000" -0.0005"	+0.0005" -0.0000"	+0.000" -0.010"
3/4	.749	1.126	1.250	.312
1	.999	1.376	1.500	.312
1-1/4	1.249	1.626	1.750	.312

(S)	(P)	(L)	(D) 3/4"	Price	(D) 1"	Price	(D) 1-1/4"	Price
7/8	7/8	1-3/4	N78134	19.00	---	---	---	---
7/8	1-3/8	2-1/4	N78214	19.50	---	---	---	---
7/8	1-7/8	2-3/4	---	---	---	---	---	---
7/8	2-3/8	3-1/4	N78314	20.90	---	---	---	---
7/8	2-7/8	3-3/4	N78334	21.40	T78334	22.80	---	---
1-3/8	7/8	2-1/4	N138214	19.50	---	---	---	---
1-3/8	1-3/8	2-3/4	N138234	19.95	T138234	20.90	---	---
1-3/8	1-7/8	3-1/4	N138314	20.45	T138314	22.80	---	---
1-3/8	2-3/8	3-3/4	N138334	20.90	---	---	---	---
1-3/8	2-7/8	4-1/4	N138414	21.85	T138414	23.30	---	---
1-3/8	3-3/8	4-3/4	N138434	22.35	T138434	24.25	TE138434	27.10
1-7/8	7/8	2-3/4	N178234	19.95	---	---	---	---
1-7/8	1-3/8	3-1/4	N178314	20.45	T178314	21.85	---	---
1-7/8	1-7/8	3-3/4	N178334	20.90	T178334	22.35	---	---
1-7/8	2-3/8	4-1/4	N178414	21.85	T178414	23.30	TE178414	25.65
1-7/8	2-7/8	4-3/4	N178434	22.35	T178434	24.25	---	---
1-7/8	3-3/8	5-1/4	N178514	22.80	T178514	25.20	---	---
1-7/8	3-7/8	5-3/4	N178534	23.30	T178534	25.65	TE178534	29.00
2-3/8	7/8	3-1/4	---	---	---	---	---	---
2-3/8	1-3/8	3-3/4	N238334	20.90	T238334	22.35	---	---
2-3/8	1-7/8	4-1/4	N238414	21.40	T238414	23.30	---	---
2-3/8	2-3/8	4-3/4	N238434	21.85	T238434	24.25	---	---
2-3/8	2-7/8	5-1/4	N238514	22.35	T238514	24.70	TE238514	27.55
2-3/8	3-3/8	5-3/4	---	---	T238534	25.65	---	---
2-3/8	3-7/8	6-1/4	N238614	23.30	T238614	26.15	TE238614	29.45

# Shoulder Leader Pins

Tolerance Table				
Nominal Diameter	(D) Pin Diameter	(B) Shoulder Diameter	(H) Head Diameter	(T) Head Thickness
	+0.000" -0.0005"	+0.0005" -0.0000"	+0.000" -0.010"	+0.000" -0.005"
3/4	.749	1.126	1.250	.312
1	.999	1.376	1.500	.312
1-1/4	1.249	1.626	1.750	.312



(S)	(P)	(L)	(D) 3/4"	Price	(D) 1"	Price	(D) 1-1/4"	Price
2-7/8	1-3/8	4-1/4	N278414	20.90	---	---	---	---
2-7/8	1-7/8	4-3/4	N278434	21.85	T278434	23.75	TE278434	26.15
2-7/8	2-3/8	5-1/4	N278514	22.35	T278514	24.70	---	---
2-7/8	2-7/8	5-3/4	N278534	22.80	T278534	25.20	TE278534	28.05
2-7/8	3-3/8	6-1/4	---	---	T278614	26.15	---	---
2-7/8	3-7/8	6-3/4	N278634	23.75	T278634	27.10	---	---
2-7/8	4-3/8	7-1/4	---	---	T278714	27.55	TE278714	31.85
3-3/8	1-7/8	5-1/4	N338514	21.85	T338514	24.25	---	---
3-3/8	2-3/8	5-3/4	N338534	22.80	T338534	25.20	TE338534	28.05
3-3/8	2-7/8	6-1/4	---	---	T338614	26.15	---	---
3-3/8	3-3/8	6-3/4	N338634	23.75	T338634	26.60	TE338634	30.40
3-3/8	4-3/8	7-3/4	---	---	T338734	28.50	TE338734	32.80
3-7/8	2-3/8	6-1/4	N378614	23.30	T378614	25.65	TE378614	29.00
3-7/8	2-7/8	6-3/4	N378634	23.75	T378634	26.60	---	---
3-7/8	3-3/8	7-1/4	---	---	---	---	TE378714	31.35
3-7/8	3-7/8	7-3/4	---	---	T378734	28.05	TE378734	32.30
3-7/8	4-7/8	8-3/4	---	---	T378834	29.95	TE378834	34.70
4-3/8	2-7/8	7-1/4	---	---	T438714	27.10	---	---
4-3/8	3-3/8	7-3/4	---	---	---	---	TE438734	31.85
4-3/8	3-7/8	8-1/4	---	---	T438814	29.00	---	---
4-3/8	4-3/8	8-3/4	---	---	---	---	---	---
4-3/8	4-7/8	9-1/4	---	---	---	---	TE438914	35.65
4-7/8	3-7/8	8-3/4	---	---	T478834	29.45	TE478834	33.75
4-7/8	4-3/8	9-1/4	---	---	T478914	30.40	---	---
4-7/8	4-7/8	9-3/4	---	---	T478934	30.90	TE478934	36.10
4-7/8	5-7/8	10-3/4	---	---	---	---	---	---
5-7/8	3-7/8	9-3/4	---	---	T578934	30.40	TE578934	35.65
5-7/8	4-3/8	10-1/4	---	---	---	---	---	---
5-7/8	4-7/8	10-3/4	---	---	---	---	TE5781034	36.60
5-7/8	5-7/8	11-3/4	---	---	T5781134	33.75	TE5781134	40.40