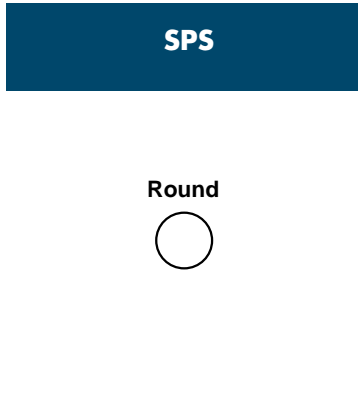
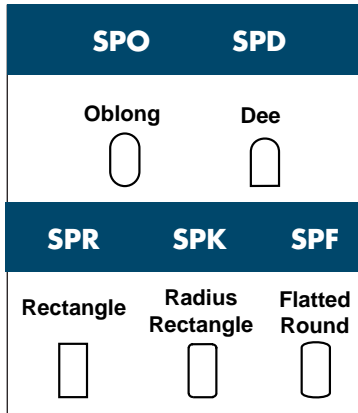


## STEPPED PUNCH AND PILOT PUNCH

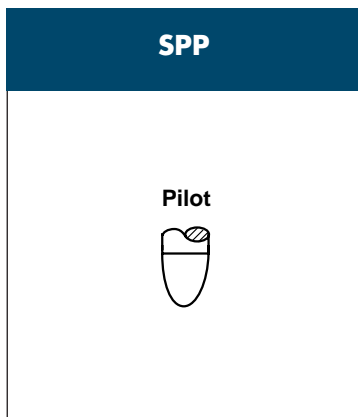
Price List



Tolerance	Steel	Body Diameter D									
		12	18	25	31	37	43	50	62	75	100
+0.0002 -0	#1 M-2	13.66	14.22	14.60	15.16	15.95	18.44	20.58	24.57	31.88	51.87
	A-2	12.05	12.20	12.55	12.84	13.45	15.43	17.00	19.79	26.31	42.25
	D-2	13.87	14.45	14.83	15.40	16.21	18.75	20.92	25.01	32.49	52.84
	PM-M4	16.07	17.06	17.75	18.81	20.18	23.60	26.08	31.93	41.75	67.62
	PM-10V	18.48	20.79	21.24	22.69	24.76	29.07	32.87	40.83	52.49	85.87
+0.0005 -0	#2 M-2	12.21	12.75	13.10	13.64	14.38	16.78	18.72	22.63	29.66	48.48
	A-2	10.75	10.88	11.20	11.47	12.04	13.94	15.32	18.04	24.31	39.20
	D-2	12.42	12.98	13.33	13.88	14.64	17.09	19.06	23.07	30.27	49.45
	PM-M4	14.55	15.51	16.17	17.22	18.53	21.86	24.12	29.90	39.42	64.06
	PM-10V	16.67	18.95	19.36	20.79	22.80	27.00	30.54	38.41	49.71	81.63



Tolerance	Steel	Body Diameter D									
		12	18	25	31	37	43	50	62	75	100
+0.0002 -0	#1 M-2	24.66	26.02	27.25	30.31	34.18	40.70	45.70	53.45	65.53	83.63
	A-2	22.13	23.01	24.13	26.69	30.12	35.77	39.95	46.16	57.04	71.34
	D-2	24.87	26.25	27.48	30.55	34.44	41.01	46.04	53.89	66.14	84.60
	PM-M4	29.38	31.30	32.98	36.94	41.88	50.00	55.90	66.13	81.62	106.09
	PM-10V	33.99	37.39	39.00	43.85	50.11	59.92	67.71	80.81	99.09	130.70
+0.0005 -0.0005	#2 M-2	22.43	23.70	24.82	27.62	31.15	37.20	41.78	49.10	60.52	78.03
	A-2	20.10	20.89	21.92	24.24	27.36	32.58	36.38	42.21	52.48	66.25
	D-2	22.64	23.93	25.05	27.86	31.41	37.51	42.12	49.54	61.13	79.00
	PM-M4	26.82	28.63	30.19	33.85	38.40	45.98	51.39	61.13	75.86	99.71
	PM-10V	30.98	34.25	35.72	40.22	46.02	55.20	62.42	74.93	92.33	123.14



Tolerance	Steel	Body Diameter D									
		12	18	25	31	37	43	50	62	75	100
+0.0002 -0	#1 M-2	17.76	18.52	19.10	19.86	20.85	23.54	25.88	30.07	37.58	57.77
	A-2	15.95	16.29	16.83	17.30	18.11	20.27	22.03	25.01	31.72	47.85
	D-2	17.97	18.75	19.33	20.10	21.11	23.85	26.22	30.51	38.19	58.74
	PM-M4	20.58	21.79	22.70	23.98	25.57	29.21	31.91	37.98	48.02	74.11
	PM-10V	23.61	26.16	26.86	28.57	30.89	35.45	39.49	47.71	59.61	93.24
+0.0005 -0	#2 M-2	16.31	17.05	17.60	18.34	19.28	21.88	24.02	28.13	35.36	54.38
	A-2	14.64	14.96	15.48	15.93	16.70	18.78	20.36	23.26	29.72	44.80
	D-2	16.52	17.28	17.83	18.58	19.54	22.19	24.36	28.57	35.97	55.35
	PM-M4	19.06	20.24	21.12	22.39	23.92	27.47	29.95	35.95	45.69	70.55
	PM-10V	21.79	24.32	24.99	26.67	28.93	33.37	37.17	45.28	56.84	89.00

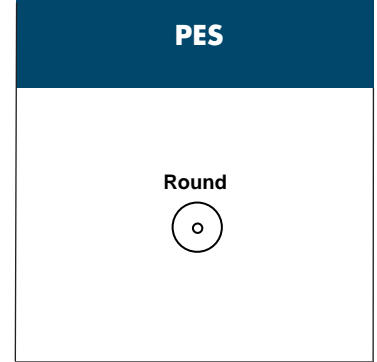
Standard Keying		
Single Flat 1F	Double Flat 2F	Dowel 2D
5.00	7.50	5.00

Quantity Discounts			
1 - 9	10 - 24	25 - 49	50 +
NET	5%	10%	CALL

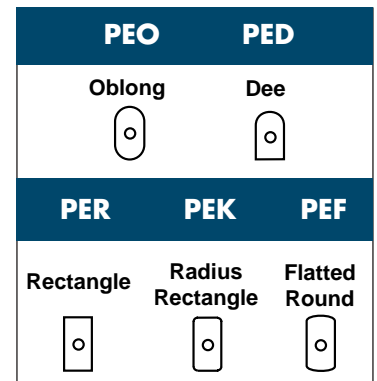
# EJECTOR PUNCH

Price List

Tolerance	Steel	Body Diameter D									
		12	18	25	31	37	43	50	62	75	100
#1 +.0002 -0	M-2	28.90	23.82	23.80	23.56	24.05	26.54	28.68	32.32	39.63	59.62
	D-2	-	24.55	24.53	24.30	24.81	27.35	29.52	33.26	40.74	61.09
	PM-M4	-	26.66	26.95	27.21	28.28	31.70	34.18	39.68	49.50	75.37
	PM-10V	-	32.69	32.84	33.79	35.36	39.67	43.47	50.33	61.99	95.37
#2 +.0005 -0	M-2	27.45	22.35	22.30	22.04	22.48	24.88	26.82	30.38	37.41	56.23
	D-2	-	23.08	23.03	22.78	23.24	25.69	27.66	31.32	38.52	57.70
	PM-M4	-	25.11	25.37	25.62	26.63	29.96	32.22	37.65	47.17	71.81
	PM-10V	-	30.85	30.96	31.89	33.40	37.60	41.14	47.91	59.21	91.13

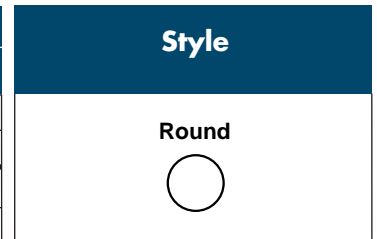


Tolerance	Steel	Body Diameter D									
		12	18	25	31	37	43	50	62	75	100
#1 +.0002 -0	M-2	35.90	35.62	36.45	38.71	42.28	48.80	53.80	61.20	73.28	91.38
	D-2	-	36.35	37.18	39.45	43.04	49.61	54.64	62.14	74.39	92.85
	PM-M4	-	40.90	42.18	45.34	49.98	58.10	64.00	73.88	89.37	113.84
	PM-10V	-	49.29	50.60	54.95	60.71	70.52	78.31	90.31	108.59	140.20
#2 +.0005 -.0005	M-2	37.67	33.30	34.02	36.02	39.25	45.30	49.88	56.85	68.32	85.78
	D-2	-	34.03	34.75	36.76	40.01	46.11	50.72	57.79	69.38	87.25
	PM-M4	-	38.23	39.39	42.25	46.50	54.08	59.49	68.88	83.61	107.41
	PM-10V	-	46.15	47.32	51.32	56.62	65.80	73.02	84.43	101.83	132.64

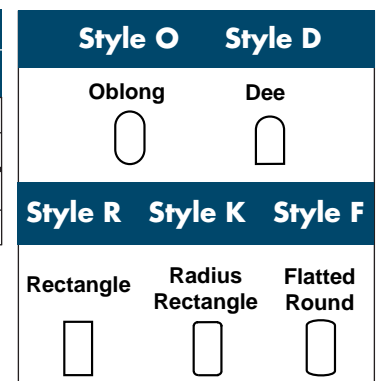


# PRECISION DIE BUTTONS

Style	Steel	Body Diameter D										
		18	25	31	37	43	50	62	75	87	100	125
DB Headless	M-2	19.72	19.59	19.37	19.37	19.47	22.55	24.31	32.84	39.74	45.57	55.57
	PM-10V	24.74	24.68	25.14	29.20	25.84	29.69	33.40	45.62	56.67	65.64	79.01
DH Headed	M-2	22.98	22.82	22.54	21.77	22.66	26.42	28.61	34.70	41.57	42.94	61.82
	PM-10V	28.30	28.18	28.72	32.88	29.54	35.28	39.65	48.50	59.91	64.74	87.14



Style	Steel	Body Diameter D										
		18	25	31	37	43	50	62	75	87	100	125
DB* Headless	M-2	62.22	62.09	61.87	61.97	70.15	70.60	72.36	87.84	99.14	106.87	120.82
	PM-10V	88.49	88.43	88.89	89.59	101.73	102.99	106.70	127.97	144.92	157.54	176.46
DH* Headed	M-2	66.72	66.57	66.29	66.41	75.46	76.02	91.76	93.05	104.57	109.79	127.27
	PM-10V	92.05	91.98	92.52	93.34	107.10	108.58	112.95	113.30	151.91	161.79	182.54



- For ejector punch style details see pages 10 and 11
- 1-4 pieces 25.00 set-up charge for punches (shapes only)
- Delivery on punches: rounds 1-3 days, shapes 5 days
- For die buttons see pages 14 and 15
- 1-4 pieces 50.00 set-up charge for die buttons (shapes only)