

Recess Punches
& Fastener Tooling



**REG
ELLEN
MACHINE TOOL CORP.**

2135 Kishwaukee St.

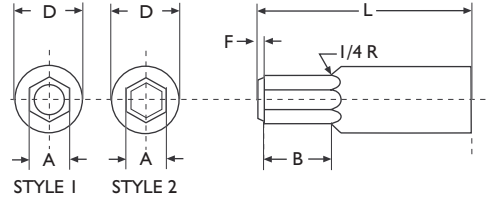
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Hexagon Washer Head Pins



Washer Head Standard

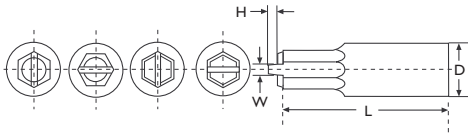
SCREW SIZE	HEX SIZE	STYLE 1	STYLE 2	A	B	F	LENGTH L	DIAMETER D
2-3	1/8	HPA-125	HPB-125	.119	1/2	.014	2 1/2	5/16
4-5	3/16	HPA-187	HPB-187	.179	1/2	.020	2 1/2	3/8
4-5	3/16	HPA-187-1	HPB-187-1	.179	1/2	.020	2 1/2	5/16
6-8	1/4	HPA-250	HPB-250	.242	9/16	.020	2 1/2	3/8
6-8	1/4	HPA-250-1	HPB-250-1	.242	9/16	.020	2 1/2	5/16
10-12	5/16	HPA-312	HPB-312	.302	9/16	.030	2 1/2	3/8
1/4	3/8	HPA-375	HPB-375	.364	5/8	.037	2 1/2	1/2
1/4	7/16	HPA-437	HPB-437	.425	5/8	.040	29/16	1/2
5/16	1/2	HPA-500	HPB-500	.487	11/16	.055	29/16	5/8
3/8	9/16	HPA-562	HPB-562	.548	11/16	.055	29/16	5/8
7/16	5/8	HPA-625	HPB-625	.607	15/16	.055	2 1/2	3/4
1/2	3/4	HPA-750	HPB-750	.733	1	.065	3	1

Metric (I.F.I. 1982)

SCREW SIZE	NOMINAL HEX SIZE	STYLE 1	STYLE 2	A (mm)	A	B	F	LENGTH L	DIAMETER D
-	3.2	MHPA-3.2	MHPB-3.2	3.02	.119	1/2	.014	2 1/2	5/16
-	4.0	MHPA-4.0	MHPB-4.0	3.81	.150	1/2	.017	2 1/2	5/16
-	5.0	MHPA-5.0	MHPB-5.0	4.80	.189	9/16	.020	2 1/2	5/16
-	5.5	MHPA-5.5	MHPB-5.5	5.31	.209	9/16	.020	2 1/2	5/16
-	6.0	MHPA-6.0	MHPB-6.0	5.79	.228	9/16	.020	2 1/2	5/16
-	7.0	MHPA-7.0	MHPB-7.0	6.73	.265	9/16	.023	2 1/2	3/8
-	7.0	MHPA-7.3	MHPB-7.3	6.73	.265	9/16	.023	2 1/2	5/16
-	8.0	MHPA-8.0	MHPB-8.0	7.74	.305	9/16	.027	2 1/2	3/8
-	10.0	MHPA-10.0	MHPB-10.0	9.73	.383	5/8	.040	2 1/2	1/2
-	11.0	MHPA-11.0	MHPB-11.0	10.71	.421	5/8	.040	29/16	1/2
-	12.0	MHPA-12.0	MHPB-12.0	11.71	.461	11/16	.048	29/16	5/8
-	13.0	MHPA-13.0	MHPB-13.0	12.67	.499	11/16	.048	29/16	5/8
-	15.0	MHPA-15.0	MHPB-15.0	14.68	.578	11/16	.062	29/16	3/4
-	16.0	MHPA-16.0	MHPB-16.0	15.67	.617	11/16	.066	29/16	3/4
-	17.0	MHPA-17.0	MHPB-17.0	16.64	.655	11/16	.070	29/16	3/4
-	18.0	MHPA-18.0	MHPB-18.0	17.60	.693	11/16	.078	29/16	7/8
-	21.0	MHPA-21.0	MHPB-21.0	20.62	.812	1 1/16	.078	29/16	1



Hexagon Washer Head Pins



Combination Slotted & Indented Type

Slot Across Flats (Standard)

PUNCH NUMBER	SCREW SIZE	HEX SIZE	A	F	LENGTH L	DIAMETER D	H	W	B
4-HP-SS-187-1	4	3/16	.179	.012	2 1/2	5/16	.019	.034	1/2
6-HP-SS-250-1	6	1/4	.242	.015	2 1/2	5/16	.025	.043	9/16
8-HP-SS-250	8	1/4	.242	.015	2 1/2	3/8	.045	.049	9/16
8-HP-SS-250-1	8	1/4	.242	.015	2 1/2	5/16	.045	.049	9/16
10-HP-SS-312	10	5/16	.302	.026	2 1/2	3/8	.036	.054	9/16
1/4-HP-SS-375	1/4	3/8	.364	.035	2 1/2	1/2	.053	.068	5/8
1/4-HP-SS-437	1/4	7/16	.424	.038	2 9/16	1/2	.053	.068	5/8
5/16 HP-SS-500	5/16	1/2	.487	.055	2 9/16	5/8	.051	.077	11/16
3/8 HP-SS-562	3/8	9/16	.547	.055	2 9/16	5/8	.084	.077	11/16

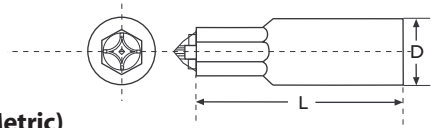
Slot Across Corners (Standard)

PUNCH NUMBER	SCREW SIZE	HEX SIZE	A	F	LENGTH L	DIAMETER D	H	W	B
4-HP-SS-187-1-A/C	4	3/16	.179	.012	2 1/2	5/16	.019	.034	1/2
6-HP-SS-250-1-A/C	6	1/4	.242	.015	2 1/2	5/16	.025	.043	9/16
8-HP-SS-250-A/C	8	1/4	.242	.015	2 1/2	3/8	.045	.049	9/16
8-HP-SS-250-1-A/C	8	1/4	.242	.015	2 1/2	5/16	.045	.049	9/16
10-HP-SS-312-A/C	10	5/16	.302	.026	2 1/2	3/8	.036	.054	9/16
1/4-HP-SS-375-A/C	1/4	3/8	.364	.035	2 1/2	1/2	.053	.068	5/8
1/4-HP-SS-437-A/C	1/4	7/8	.424	.038	2 9/16	1/2	.053	.068	5/8
5/16-HP-SS-500-A/C	5/16	1/2	.487	.055	2 9/16	5/8	.051	.077	11/16

Slot Across Flats (Metric Standard)

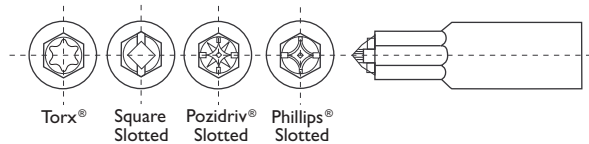
PUNCH NUMBER	NOMINAL HEX (MM)	A (mm)	A	F	LENGTH L	DIAMETER D	B
5-MHP-SS	5	4.80	.189	.020	2 1/2	5/16	9/16
5.5-MHP-SS	5.5	5.31	.209	.020	2 1/2	5/16	9/16
6-MHP-SS	6	5.74	.256	.020	2 1/2	5/16	9/16
7-MHP-SS	7	6.73	.265	.023	2 1/2	3/8	9/16
7-MHP-SS	7	4.80	.265	.023	2 1/2	5/16	9/16
8-MHP-SS	8	7.74	.305	.027	2 1/2	3/8	9/16
10-MHP-SS	10	9.73	.383	.040	2 1/2	1/2	5/8
11-MHP-SS	11	10.71	.421	.040	2 9/16	1/2	5/8
12-MHP-SS	12	11.71	.461	.048	2 9/16	5/8	11/16
13-MHP-SS	13	12.67	.499	.048	2 9/16	5/8	11/16
15-MHP-SS	15	14.68	.578	.062	2 9/16	3/4	11/16

Hexagon Washer Head Pins



Combination Phillips Recess & Indented Pins (Standard & Metric)

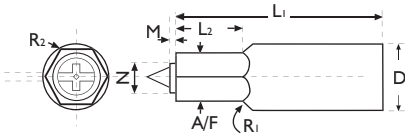
PUNCH NUMBER	SCREW SIZE	HEX SIZE	PHILLIPS RECESS	A	F	LENGTH L	DIAMETER D	B
250-HP-3P20-2	6-8	1/4	3P20-2	.242	.020	2 1/2	3/8	9/16
250-1-HP-3P20-2	6-8	1/4	3P20-2	.242	.020	2 1/2	5/16	9/16
250-3-HP-3P20-100	6-8	1/4	3P20-1	.242	.020	2 1/2	3/8	9/16
312-HP-3P20-6	10	5/16	3P20-6	.302	.030	2 1/2	3/8	9/16
375-HP-3P30-2	1/4	3/8	3P30-2	.364	.035	2 1/2	1/2	5/8
4-MHP-3P10-1	-	4mm	3P10-1	3.81mm	.017	2 1/2	5/16	1/2
5.5-MHP-3P20-1	-	5.5mm	3P20-1	5.31mm	0.20	2 1/2	5/16	9/16
6-MHP-3P20-2	-	6mm	3P20-2	5.79mm	0.20	2 1/2	5/16	9/16
7-MHP-3P20-6	-	7mm	3P20-6	6.73mm	0.23	2 1/2	3/8	9/16



Tooling International Ltd manufactures hex washer head combination pins with various recess types. Supadriv®, Torx®, Pozidriv® and Square Socket are all available upon request.



Hexagon Washer Head Pins

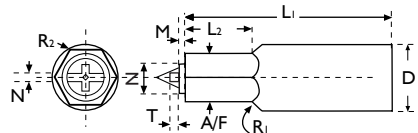


Special order form.

Please photocopy and use for your special pin requirements.

Recess Type	
Recess Size	
Penetration excluding cheese	
L1	
L2	
R1	
R2	
D	
M	
N	
AF	
Code No. Allocated	

Hexagon Washer Head Combination Pins



Special order form.

Please photocopy and use for your special pin requirements.

N Slot Width	
T Slot Depth	
Recess Type	
Recess Size	
Penetration excluding cheese	
L1	
L2	
R1	
R2	
D	
M	
N	
A/F	
Code No. Allocated	



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