




Recess Punches  
& Fastener Tooling



**REG  
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MACHINE TOOL CORP.**

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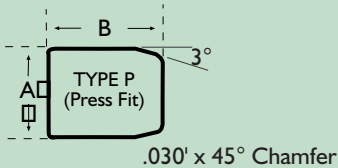
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# Struck Slot Punches



## Code Designation

### BLANK DIMENSION



### PUNCH TYPE

SS = STRUCK SLOT  
F = FORMING/CONVENTIONAL

### SCREW SIZE

### PUNCH BLANK DIMENSIONS

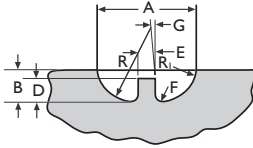
IMPERIAL	METRIC	A	B
1	-	9/16	1
2	1.6	9/16	1
3	2	9/16	1
4	2.2	9/16	1
5	2.5	9/16	1
6	2.9	9/16	1
7	3	9/16	1
8	3.5	9/16	1
9	4	9/16	1
10	4.2	9/16	1
11	-	9/16	1
-	4.8	3/4 & 7/8	1
-	5	9/16 & 7/8	1
12	5.5	7/8	1
14	6	7/8	1
-	6.3	7/8	1
-	7	7/8	1
1/4	-	7/8 & 1 1/4	1
5/16	8	1 & 1/4	1
-	9.5	1 & 1/4	1
-	10	1 & 1/4	1
3/8	-	1 1/4	1
7/16	-	1 1/4	1
1/2	12	1 1/2	1

### HEAD STYLE

CODE IDENTIFICATION	HEAD FORM
RH	Round Head
PH	Pan Head
TRH	Truss Head
BH	Binding Head
FILLH	Fillister Head
O	Oval Head
W	Washer Head

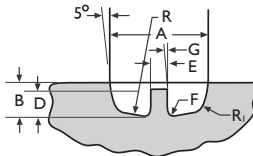


# Struck Slot Punches



## Round Head

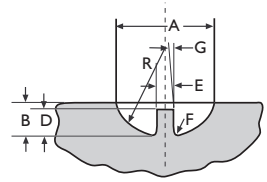
PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	A	B	C	D	F	G	R	R <sub>1</sub>
0RH SS	0	9/16	.107	.042	.035	.020	.005	1°	.058	.046
1RH SS	1	9/16	.130	.050	.040	.022	.005	1°	.115	.055
2RH SS	2	9/16	.154	.056	.044	.027	.005	1°	.140	.060
3RH SS	3	9/16	.178	.064	.049	.031	.005	1°	.165	.070
4RH SS	4	9/16	.202	.072	.054	.035	.005	1°	.188	.075
5RH SS	5	9/16	.228	.080	.058	.039	.010	1°	.210	.085
6RH SS	6	9/16	.252	.087	.063	.044	.010	1°	.232	.092
7RH SS	7	9/16	.276	.094	.061	.044	.015	1°	.254	.100
8RH SS	8	9/16	.300	.104	.071	.050	.015	2°	.277	.118
9RH SS	9	9/16	.319	.110	.069	.050	.015	2°	.318	.116
10RH SS	10	9/16	.349	.118	.081	.055	.020	2°	.342	.144
11RH SS	11	9/16	.375	.127	.078	.055	.020	2°	.364	.130
12RH SS	12	7/8	.398	.133	.088	.062	.020	3°	.381	.139
14RH SS	14	7/8	.446	.148	.098	.070	.025	3°	.392	.165
1/4RH SS	1/4	7/8	.461	.153	.101	.070	.025	3°	.405	.170
5/16RH SS	5/16	1	.578	.187	.122	.078	.025	2°	.475	.236
3/8RH SS	3/8	1 1/4	.694	.221	.143	.088	.025	3°	.453	.203
1/2RH SS	1/2	1 1/2	.796	.314	.196	.100	.035	3°	.520	.330



## Pan Head

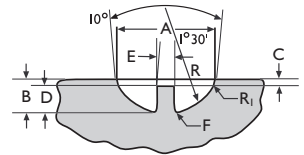
PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	A	B	C	D	F	G	R	R <sub>1</sub>
0PH SS	0	9/16	.110	.029	.019	.020	.005	1°	7/32	.022
1PH SS	1	9/16	.136	.036	.024	.022	.005	1°	7/32	.028
2PH SS	2	9/16	.161	.043	.028	.027	.005	1°	1/4	.040
3PH SS	3	9/16	.186	.047	.033	.031	.005	1°	9/32	.042
4PH SS	4	9/16	.212	.054	.037	.035	.005	1°30'	5/16	.045
5PH SS	5	9/16	.238	.060	.042	.039	.010	1°30'	11/32	.047
6PH SS	6	9/16	.263	.067	.047	.044	.010	1°30'	7/16	.049
7PH SS	7	9/16	.286	.073	.046	.044	.010	1°30'	9/16	.052
8PH SS	8	9/16	.314	.079	.054	.050	.010	1°30'	11/16	.055
9PH SS	9	9/16	.339	.084	.055	.049	.010	1°30'	25/32	.060
10PH SS	10	9/16	.365	.090	.064	.055	.010	1°30'	27/32	.065
12PH SS	12	7/8	.416	.102	.072	.062	.015	1°30'	13/16	.080
14PH SS	14	7/8	.466	.115	.080	.070	.015	3°	1	.085
1/4PH SS	1/4	7/8	.482	.119	.082	.070	.015	3°	1	.090
5/16PH SS	5/16	1	.604	.152	.101	.078	.015	3°	11/16	.100
3/8PH SS	3/8	1 1/4	.728	.182	.119	.088	.015	3°	11/16	.110

# Struck Slot Punches



## Truss Head

PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	A	B	D	E	F	G	R
0TRH SS	0	9/16	.131	.029	.020	.021	.005	1°	.085
1TRH SS	1	9/16	.164	.036	.025	.022	.005	1°	.110
2TRH SS	2	9/16	.194	.044	.029	.027	.005	1°30'	.129
3TRH SS	3	9/16	.226	.051	.034	.031	.005	1°30'	.145
4TRH SS	4	9/16	.258	.059	.038	.035	.010	1°30'	.169
5TRH SS	5	9/16	.289	.066	.043	.042	.010	1°30'	.191
6TRH SS	6	9/16	.321	.074	.048	.044	.010	1°30'	.206
7TRH SS	7	9/16	.353	.081	.046	.044	.010	1°30'	.233
8TRH SS	8	9/16	.384	.088	.055	.049	.015	1°30'	.248
10TRH SS	10	9/16	.448	.098	.065	.055	.020	1°30'	.274
12TRH SS	12	7/8	.511	.118	.074	.062	.020	1°30'	.329
14TRH SS	14	7/8	.557	.129	.076	.070	.025	1°30'	.356
1/4TRH SS	1/4	7/8	.573	.133	.084	.070	.025	1°30'	.366
5/16TRH SS	5/16	1	.698	.162	.102	.078	.025	1°30'	.447
3/8TRH SS	3/8	1 1/4	.823	.191	.120	.088	.030	1°30'	.538
1/2TRH SS	1/2	1 1/2	1.073	.250	.155	.099	.030	1°30'	.689

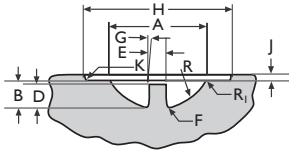


## Binding Head

PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	A	B	C	D	E	F	R	R <sub>1</sub>
2BH SS	2	9/16	.176	.041	.026	.028	.029	.005	.242	.005
3BH SS	3	9/16	.203	.050	.031	.034	.033	.005	.257	.005
4BH SS	4	9/16	.229	.058	.036	.040	.037	.010	.274	.010
5BH SS	5	9/16	.256	.066	.041	.046	.041	.010	.306	.010
6BH SS	6	9/16	.283	.074	.046	.050	.046	.010	.330	.015
7BH SS	7	9/16	.308	.082	.051	.050	.043	.015	.354	.015
8BH SS	8	9/16	.335	.090	.056	.054	.052	.020	.372	.020
10BH SS	10	9/16	.388	.107	.068	.073	.057	.020	.445	.020
12BH SS	12	7/8	.442	.123	.078	.084	.064	.020	.503	.025
1/4BH SS	1/4	1 1/4	.512	.145	.092	.100	.072	.025	.574	.025
5/16BH SS	5/16	1 1/4	.640	.183	.116	.128	.080	.025	.718	.025

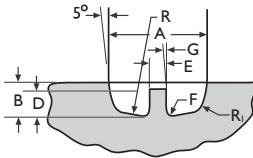


# Struck Slot Punches



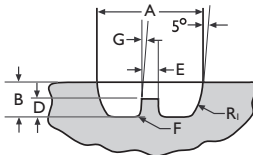
## Round Washer Head

PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	ALL DIMENSIONS IN MILLIMETRES										
			A	B	D	E	F	G	H	J	K	R	R <sub>1</sub>
4RW SS	4	9/16	.177	.053	.042	.035	.010	1°	.252	.010	.006	.097	.010
5RW SS	5	9/16	.198	.060	.047	.039	.010	1°	.281	.010	.006	.108	.010
6RW SS	6	9/16	.218	.066	.051	.044	.015	2°	.311	.012	.008	.117	.015
8RW SS	8	9/16	.259	.078	.059	.050	.015	2°	.369	.014	.010	.141	.015
10RW SS	10	9/16	.300	.091	.067	.055	.015	2°	.427	.016	.010	.164	.015
12RW SS	12	7/8	.341	.103	.079	.062	.020	3°	.486	.019	.012	.185	.020
1/4RW SS	1/4	7/8	.395	.119	.091	.070	.025	3°	.562	.022	.015	.215	.025



## Metric Pan Head (I.F.I. 502 & 513 - 1982)

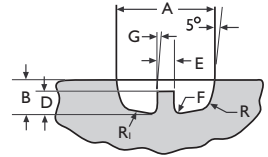
PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	ALL DIMENSIONS IN MILLIMETRES								
			A	B	D	E	F	G	R	R <sub>1</sub>	
2 & 2.2 IFI-MPH SS	2,2,2	9/16	3.86	1.02	.69	.66	.13	1°	5.84	.76	
2.5 IFI-MPH SS	2.5	9/16	4.85	1.20	.79	.76	.13	1°	7.11	.89	
2.9 & 3 IFI-MPH SS	2,9,3	9/16	5.46	1.45	.99	.94	.13	1°30'	8.13	1.14	
3.5 IFI-MPH SS	3.5	9/16	6.81	1.75	1.20	1.14	.25	1°30'	11.05	1.27	
4 & 4.2 IFI-MPH SS	4,4,2	9/16	7.80	2.01	1.42	1.42	.25	1°30'	15.88	1.40	
4.8 & 5 IFI-MPH SS	4,8,5	7/8	9.30	2.44	1.65	1.42	.38	1°30'	22.09	1.78	
5.5 IFI-MPH SS	5.5	7/8	10.74	2.59	1.83	1.83	.38	1°30'	23.62	2.03	
6.3 IFI-MPH SS	6.3	7/8	11.73	3.00	1.93	1.83	.38	3°	25.15	2.29	
8 IFI-MPH SS	8	1	15.75	4.19	2.31	2.21	.51	3°	26.92	2.92	
9.5 & 10 IFI-MPH SS	9,5,10	1 1/4	19.71	5.18	2.80	2.69	.64	3°	27.79	3.81	



## DIN 85 Pan Head

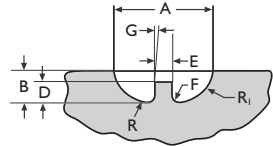
PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	ALL DIMENSIONS IN MILLIMETRES						
			A	B	D	E	F	G	R
3-85-PH SS	3	9/16	5.96	1.60	.81	.91	.12	1	1.01
3.5-85-PH SS	3.5	9/16	6.98	1.85	.94	.91	.12	130'	1.14
4-85-PH SS	4	9/16	7.92	2.13	1.14	1.09	.25	130'	1.32
5-85-PH SS	5	7/8	9.95	2.84	1.34	1.32	.25	130'	1.65
6-85-PH SS	6	7/8	11.93	3.25	1.70	1.75	.38	130'	2.03
8-85-PH SS	8	1 1/4	15.95	4.11	2.16	1.90	.38	3	2.54
10-85-PH SS	10	1 1/4	19.91	5.23	2.69	2.36	.50	3	3.30

# Struck Slot Punches



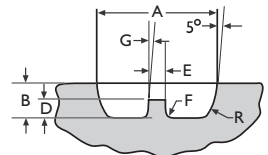
## DIN 84 (Modified Cheese Head)

PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	ALL DIMENSIONS IN MILLIMETRES							
			A	B	D	E	F	G	R <sub>1</sub>	R
1.6-84-PH SS	1.6	9/16	2.92	.68	.53	.51	.13	1°30'	4.37	.38
2-84-PH SS	2	9/16	3.74	1.04	.71	.61	.13	1°30'	5.54	.51
3-84-PH SS	3	9/16	5.41	1.85	.96	.89	.25	2°	7.14	.58
3.5-84-PH SS	3.5	9/16	5.92	1.98	1.24	.99	.25	1°30'	7.92	.76
4-84-PH SS	4	9/16	6.98	2.24	1.35	1.14	.25	1°30'	8.71	1.02
5-84-PH SS	5	9/16	8.43	2.90	1.65	1.35	.25	1°30'	10.31	1.27
6-84-PH SS	6	7/8	9.96	3.43	2.00	1.75	.38	1°30'	12.29	1.52
8-84-PH SS	8	7/8	12.88	4.42	2.34	2.16	.51	2°	15.88	1.91
10-84-PH SS	10	1 1/4	15.88	5.31	2.69	2.64	.64	2°	19.05	2.28



## DIN 96 Round Head

PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	ALL DIMENSIONS IN MILLIMETRES							
			A	B	D	E	F	G	R	R <sub>1</sub>
2-96-PH SS	2	9/16	4.11	1.19	.81	.64	.13	1°	3.18	1.60
3-96-PH SS	3	9/16	6.09	1.88	1.19	.91	.38	1°	4.80	2.39
3.5-96-PH SS	3.5	9/16	7.06	2.08	1.40	.91	.38	1°	5.59	2.79
4-96-PH SS	4	9/16	7.92	2.59	1.60	1.12	.51	1°30'	6.40	3.20
4.5-96-PH SS	4.5	9/16	8.86	2.82	1.78	1.12	.51	1°30'	7.21	3.61
5-96-PH SS	5	9/16	9.91	3.22	2.03	1.37	.51	2°	8.00	4.01
5.5-96-PH SS	5.5	7/8	10.90	3.48	2.18	1.37	.51	2°	8.79	4.39
6-96-PH SS	6	7/8	12.04	3.81	2.40	1.78	.63	1°30'	9.60	4.80
7-96-PH SS	7	7/8	13.89	4.22	2.82	2.18	.76	2°	11.20	5.59
8-96-PH SS	8	1 1/4	15.90	4.98	3.20	2.18	.76	2°	12.80	6.35



## DIN 7971 Pan Head

PUNCH NO.	SCREW SIZE	PUNCH BODY DIAMETER	ALL DIMENSIONS IN MILLIMETRES							
			A	B	D	E	F	G	R	
2.2-7971-PH SS	2.2	9/16	4.06	1.09	.68	.66	.13	1°30'	.89	
2.9-7971-PH SS	2.9	9/16	5.53	1.42	.86	.89	.13	1°30'	.99	
3.5-7971-PH SS	3.5	9/16	6.86	1.75	1.09	1.09	.20	1°30'	1.19	
3.9-7971-PH SS	3.9	9/16	7.42	1.85	1.22	1.12	.25	1°30'	1.29	
4.2-7971-PH SS	4.2	3/4	8.13	2.01	1.32	1.32	.25	1°30'	1.29	
4.8-7971-PH SS	4.8	3/4	9.42	2.29	1.52	1.32	.25	1°30'	1.60	
5.5-7971-PH SS	5.5	7/8	10.72	2.62	1.75	1.75	.38	1°30'	2.00	
6.3-7971-PH SS	6.3	7/8	12.39	3.02	2.01	1.75	.38	3°	2.21	



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