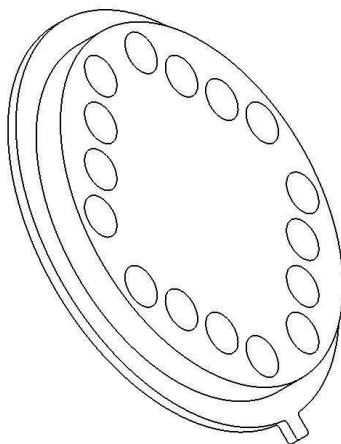




# Coining Technologies

INCORPORATED

Open Tool Catalog  
Transistor Outline  
Round Headers



Phone +1.973.253.0500 • Fax +1.973.253.9611 • e-mail [sales@coining.com](mailto:sales@coining.com)  
[www.coining.com](http://www.coining.com)

Rev. A-113007

Please contact one of our sales representatives for details.



400 Kuller Road  
Clifton, NJ 07011  
Phone: 973.253.0500  
Fax: 973.253.9611  
Web: www.coining.com  
E-mail: sales@coining.com

## TO • Transistor Outline Coined Headers

	A	B	C	D		
CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-006-01E	1.447/1.443		0.075/0.065		NO	NO
TO-010-01B	0.0997/0.1012		0.030/0.034		NO	NO
TO-010-02B	0.106		0.034/0.032		NO	NO
TO-106-03A	0.210/0.212		0.045/0.047	0.102	NO	NO
TO-172-01B	0.256/0.259		0.046/0.048	0.099/0.101	NO	NO
TO-190-01B	0.264/0.266		0.055/0.057	0.115	NO	NO
TO-191-01B	0.338/0.341		0.055/0.057		NO	YES
TO-191-02B	0.338/0.342		0.055/0.057		NO	YES
TO-267-01E	0.265/0.267		0.034/0.044		NO	NO
TO-106-13A	0.209	0.000	0.047	0.100	NO	NO
TO-622	0.244	0.196	0.141	0.000	NO	NO
TO-105-05A	0.360	0.300	0.070	0.200	YES	YES
TO-105-07B	0.360	0.300	.070/.020	0.200	NO	YES
TO-105-16A	0.360	0.300	0.047	0.230	NO	YES
TO-105-21A	0.360	0.300	0.060	0.200	NO	YES
TO-105-28A	0.360	0.300	0.055	0.200	NO	YES
TO-200-02E	0.398	0.306	0.215	CENTER	YES	NO
TO-108	0.500	0.425	0.060	12.000	YES	YES
TO-108-01A	0.500	0.425	0.040	0.300	NO	YES
TO-507-01B	0.507	0.400	0.266	CENTER	YES	NO
TO-548	0.540	0.412	0.188	0.000	YES	NO
TO-115-05A	0.550	0.460	0.095	0.295	YES	NO
TO-108	0.600	0.525	0.060	12.000	YES	YES
TO-108	0.600	0.525	.056/.060	16.000	YES	YES
TO-108-22A	0.600	0.525	0.061	CENTER	YES	NO
TO-108-23A	0.600	0.525	.078/.060/.020	12.000	NO	YES
TO-219-02B	0.600	0.560	0.106	0.375	NO	NO
TO-170-01B	0.603	0.458	0.246	0.000	YES	NO
TO-157-07B	.690 X 1.240	0.430	0.105	.200 X .200	NO	NO
TO-822-01A	0.822	0.750	0.060	12.000	NO	YES

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## TO • Transistor Outline Coined Headers

	A	B	C	D		
CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-509-01B	0.906	0.734	0.126	0.500	NO	NO
TO-109-01G	0.161	0.124	0.034	0.070	NO	NO
TO-529-01A	0.175	0.166	0.047	0.100	NO	NO
TO-529-01A	0.175/0.176	0.165/0.166	0.046/0.048	0.100	NO	NO
TO-106-01A	0.190/0.213	0.166	0.047	0.100	NO	YES
TO-106-06A	0.207/0.214	0.164/0.17	0.047	0.100	NO	NO
TO-555-01A	0.208/0.212	0.164/0.166	0.095/0.097	N/A	NO	YES
TO-106-30A	0.209/0.210	0.166/0.167	0.046/0.048	0.102	NO	NO
TO-106-05A	0.209/0.211	0.164/0.165	0.046/0.048	0.100	NO	YES
TO-106-07A	0.209/0.211	0.164/0.166	0.046/0.048		NO	NO
TO-106-21A	0.209/0.211	0.164/0.166	0.046/0.048	0.100	NO	YES
TO-106-32A	0.209/0.212	0.165/0.167	0.046/0.048	0.101	NO	NO
TO-535-01A	0.209/0.212	0.164/0.167	0.095/0.097		NO	YES
TO-106-19A	0.210/0.211	0.167/0.168	0.046/0.048	0.102	NO	YES
TO-106-20A	0.210/0.211	0.157/0.168	0.046/0.048	0.102	NO	YES
TO-106-02A	0.210/0.212	0.165/0.168	0.046/0.048	0.102	NO	YES
TO-106-15A	0.210/0.212	0.163/0.165	0.034/0.035		NO	YES
TO-106-25A	0.210/0.212	0.165/0.167	0.046/0.048	0.102	NO	YES
TO-106-33E	0.210/0.212	0.165/0.168	0.046/0.048	0.100	NO	YES
TO-106-38A	0.210/0.212	0.165/0.167	0.039/0.041	0.102	NO	YES
TO-706-16A	0.210/0.212	0.166/0.167	0.046/0.048	0.100	NO	YES
TO-106-02B	0.210/0.213	0.165/0.167	0.047	0.102	NO	YES
TO-555-01A	0.210/0.213	0.163/0.167	N/A	N/A	NO	NO
TO-106-18A	0.210/0.214	0.109/0.110	0.019		NO	YES
TO-106-10A	0.211	0.166	0.047	0.100	NO	YES
TO-106-22A	0.211	0.167	0.046/0.048	0.102	NO	NO
TO-106-22G	0.211	0.165/0.167	0.046/0.048	0.102	NO	NO
TO-106-27A	0.211	0.167	0.047	0.102	NO	YES
TO-106-44A	0.211	0.167	0.047		NO	NO
TO-106-08A	0.211/0.213	0.166	0.045/0.047	0.101	NO	YES

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CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-106-09A	0.211/0.213	0.167	0.045/0.047	0.101	NO	YES
TO-106-14A	0.211/0.214	0.165	0.046/0.048	0.100	NO	YES
TO-106-12A	0.212	0.166	0.047	0.100	NO	NO
TO-106-17A	0.212/0.214	0.167	0.045/0.047	0.100	NO	NO
TO-106-21A	0.213	0.165	0.047	0.102	NO	YES
TO-106-23A	0.213	0.165	0.047	0.102	NO	YES
TO-106-34A	0.213	0.165	0.047	0.100	NO	YES
TO-106-36D	0.219/0.225	0.174/0.176		0.102	NO	NO
TO-003-04B	0.220		0.079		NO	NO
TO-230-01A	0.229/0.231	0.164/0.165	0.040/0.042	0.99/1.01	NO	YES
TO-622-01B	0.242/0.246	0.194/198	N/A	N/A	NO	NO
TO-133-01A	0.243	0.216	0.050	0.120	NO	NO
TO-191-03B	0.264/0.267	0.216/0.224	0.0516/0.0544	0.115	NO	YES
TO-277-01A	0.276/0.279	0.193/0.197	0.049		NO	NO
TO-169-01A	0.288/0.290	0.163/0.167	0.045/0.047	0.100	NO	NO
TO-169-05A	0.288/0.290	0.157/0.165	0.045/0.047	0.100	NO	NO
TO-169-04A	0.289/0.291	0.165/0.167	0.045/0.047	0.100	NO	NO
TO-169-02A	0.290/0.293	0.162/0.166	0.046/0.048		NO	NO
TO-169-06A	0.291/0.294	0.165/0.166	0.079/0.081		NO	NO
TO-169-06A	0.291/0.294	0.165/0.166	0.079/0.081	1.000	NO	NO
TO-169-03A	0.297/0.300	0.165/1.66	0.046/0.048		NO	NO
TO-169-07A	0.297/0.300	0.165/0.166	0.046/0.048		NO	NO
TO-105-26B	0.298/0.362	0.299/0.301	0.055	0.200	NO	YES
TO-105-01B	0.310/0.359	0.299/0.301	0.055	0.200	NO	YES
TO-191-03X	0.338/0.342	0.298/0.306	0.0515/0.0545		NO	NO
TO-190-02B	0.339/0.342	0.300	0.048/0.0515		NO	YES
TO-105-80B	0.353/0.357	0.295/0.299	0.068/0.071	0.200	NO	YES
TO-355-01A	0.354/0.356	0.299/0.301	0.064/0.066		NO	NO
TO-105-17A	0.355/0.362	0.298/0.302	0.069/0.071	0.200	NO	YES
TO-105-95	0.357	0.299	0.060	0.200	NO	YES

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CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-105-84A	0.357/0.361	0.297/0.300	0.067/0.070	0.200	NO	YES
TO-105-06A	0.357/0.363	0.298/0.302	0.016/0.019	0.200	NO	YES
TO-105-09A	0.358	0.300	0.063	0.200	NO	YES
TO-105-09B	0.358	0.275	0.059		NO	YES
TO-105-05A	0.358/0.361	0.299/0.301	0.068/0.072	0.198/0.202	NO	YES
TO-105-05B	0.358/0.361	0.298/0.302	0.069/0.072	0.198/0.202	NO	YES
TO-105-06A	0.358/0.361	0.298/0.301	0.054/0.056	0.198/0.202	NO	YES
TO-105-10B	0.358/0.361	0.298/0.301	0.068/0.070	0.200	NO	YES
TO-105-27A	0.358/0.361	0.299/0.301	0.070	0.198/0.202	NO	YES
TO-105-33A	0.358/0.361	0.298/0.301	0.069/0.072	0.198/0.202	NO	YES
TO-105-48A	0.358/0.361	0.298/0.301	0.069/0.072	0.198/0.202	NO	YES
TO-105-60A	0.358/0.361	0.298/0.301	0.054/0.056	0.230	NO	YES
TO-105-62A	0.358/0.361	0.298/0.301	0.054/0.056	0.200	NO	YES
TO-105-72A	0.358/0.361	0.298/0.300	0.059/0.061	0.200	NO	YES
TO-105-74A	0.358/0.361	0.298/0.300	0.054/0.056	0.200	NO	YES
TO-105-75A	0.358/0.361	0.258/0.301	0.055/0.057	0.200	NO	YES
TO-353-02A	0.358/0.361	0.297/0.299	0.046/0.047	0.230	NO	NO
TO-105-30A	0.358/0.362	0.298/0.302	0.069/0.071	0.200	NO	YES
TO-105-35A	0.358/0.362	0.298/0.302	0.067/0.071		NO	YES
TO-105-53A	0.358/0.362	0.299/0.301	0.055	0.200	NO	YES
TO-105-64B	0.358/0.362	0.299/0.301	0.068/0.070	0.200	NO	YES
TO-105-66A	0.358/0.362	0.298/0.302	0.054/0.056	0.200	NO	YES
TO-392-01A	0.358/0.362	0.298/0.302	0.067/0.071	0.199/0.201	NO	YES
TO-105-31B	0.359	0.299	0.069	0.200	YES	YES
TO-105-51B	0.359	0.299	0.068	0.200	YES	YES
TO-105-85A	0.359	0.300	0.070	0.200	NO	NO
TO-105-99B	0.359	0.300	0.070	0.200	YES	YES
TO-205-02B	0.359	0.300	0.047	0.229	YES	YES
TO-105-32A	0.359/0.361	0.299/0.301	0.055	0.200	NO	YES
TO-105-15B	0.359/0.362	0.299/0.301	0.069/0.071	0.198/0.202	NO	YES

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	A	B	C	D		
CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-105-18A	0.359/0.362	0.298/0.302	0.054/0.057		NO	YES
TO-105-18B	0.359/0.362	0.298/0.302	0.054/0.057		NO	NO
TO-105-58A	0.359/0.362	0.259/0.301	0.059/0.061	0.200	NO	YES
TO-105-76A	0.359/0.362	0.299/0.301	0.054/0.057	0.198/0.202	NO	YES
TO-105-82B	0.359/0.362	0.298/0.301	0.054/0.056	0.198/0.202	YES	YES
TO-105-02B	0.360	0.299/0.301	0.054/0.057	0.200	NO	YES
TO-105-03A	0.360	0.300		0.199/0.201	NO	NO
TO-105-08A	0.360	0.298/0.302	0.070	0.200	NO	YES
TO-105-08A	0.360	0.300	0.068/0.070	0.200	NO	YES
TO-105-100	0.360	0.299	0.069	0.200	YES	YES
TO-105-14B	0.360	0.300	0.053/0.059	0.200	NO	NO
TO-105-19A	0.360	0.300	0.046/0.048	0.230	NO	YES
TO-105-19B	0.360	0.300	0.046	0.229	YES	YES
TO-105-36A	0.360	0.300	0.060	0.200	NO	YES
TO-105-43A	0.360	0.300	0.070	0.200	YES	NO
TO-105-47A	0.360	0.300	0.070	0.200	NO	YES
TO-105-48R	0.360	0.300	0.069		NO	YES
TO-105-52A	0.360	0.300	0.056	0.200	NO	YES
TO-105-55B	0.360	0.298/0.302	0.059/0.0361	0.200	NO	YES
TO-105-56A	0.360	0.299/0.301	0.054/0.057	0.200	NO	NO
TO-105-63B	0.360	0.294/0.300	0.043/0.045	0.230	NO	YES
TO-105-71A	0.360	0.299/0.301	0.055/0.057	0.200	NO	YES
TO-205-01B	0.360	0.299	0.070	0.200	YES	YES
TO-205-19B	0.360	0.300	0.047	0.230	NO	YES
TO-360-01F	0.360	0.329	0.060	0.110	NO	NO
TO-361-01A	0.360	0.300	0.056	0.000	NO	NO
TO-105-06B	0.360/0.362	0.300/0.302	0.054/0.056	0.198/0.202	NO	YES
TO-105-07B	0.360/0.362	0.300/0.302	0.067/0.070	0.200	NO	YES
TO-105-07B	0.360/0.362	0.300/0.302	0.066/0.070	0.200	NO	YES
TO-105-11A	0.360/0.362	0.300/0.302	0.068/0.070	0.198/0.202	NO	YES

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	A	B	C	D		
CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-105-49A	0.360/0.362	0.300/0.302	0.067/0.070	0.198/0.202	NO	YES
TO-147-01A	0.360/0.362	0.300/0.302	0.059/0.061	0.200	NO	YES
TO-147-02A	0.360/0.362	0.300/0.302	0.051/0.059	0.200	NO	YES
TO-105-65A	0.361	0.300	0.060	0.140	NO	NO
TO-105-98B	0.361	0.340	0.340	0.301	YES	YES
TO-205-30B	0.361	0.301	0.070	0.202	YES	YES
TO-105-10A	0.362	0.301	0.069	0.200	NO	NO
TO-105-13B	0.362	0.302	0.067/0.070	0.200	NO	YES
TO-105-54A	0.362	0.301	0.060	0.200	YES	YES
TO-105-67A	0.362	0.301	0.057/0.054	0.202/0.198	YES	YES
TO-105-79A	0.362	0.301	0.070	0.202	YES	YES
TO-105-96B	0.362	0.300	0.071/0.069	0.200	NO	NO
TO-105-97A	0.362	0.300	0.070	0.202	YES	YES
TO-205-15A	0.362	0.300	0.070	0.202	YES	YES
TO-104-43A	0.362/0.359	0.299/0.301	0.071/0.069	0.198/0.202	NO	NO
TO-353-01A	0.362/0.365	0.298/0.302	0.046/0.048	0.200	NO	YES
TO-353-08A	0.363/0.366	0.307/0.309	0.046/0.048	0.265/0.272	NO	YES
TO-353-09A	0.364/0.366	0.307/0.309	0.046/0.048	0.265/0.272	NO	YES
TO-200-01B	0.396/0.400	0.304/0.308	0.238/0.242		NO	NO
TO-200-02B	0.396/0.400	0.304/0.3065	0.185/0.189		NO	YES
TO-200-01B	0.398	0.304/0.308	0.185/0.189		NO	NO
TO-421-01G	0.419/0.421	0.398/0.400	0.1438/0.136	0.222/0.238	NO	NO
TO-421-02G	0.420/0.425	0.395/0.401	0.136	0.220	NO	NO
TO-425-01B	0.426	0.378	0.069	0.282	NO	NO
TO-001-04B	0.475	0.425	0.068	0.279	NO	NO
TO-108-47X	0.490/0.486	0.425/0.427		0.390	NO	YES
TO-204-01A	0.497/0.503	0.393/0.397	0.059/0.061		NO	NO
TO-108-27J	0.498/0.501	0.424/0.427	0.059/0.061	0.298/0.302	NO	YES
TO-108-67A	0.498/0.501	0.423/0.426	0.059/0.060		NO	YES
TO-108-21A	0.498/0.502	0.424/0.426	0.059/0.061	0.300	NO	YES

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CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-108-39A	0.498/0.502	0.423/0.427	0.060/0.062		NO	YES
TO-108-43A	0.498/0.502	0.423/0.427	0.060/0.062	0.302	NO	YES
TO-108-52A	0.498/0.502	0.424/0.428	0.058/0.060	0.300	NO	YES
TO-108-53A	0.498/0.502	0.423/0.427	0.058/0.062	0.302	NO	YES
TO-108-55A	0.498/0.502	0.423/0.427	0.059		NO	YES
TO-108-70A	0.498/0.502	0.425	0.060/0.062	0.300	NO	YES
TO-108-71B	0.498/0.502	0.423/0.427	0.060/0.062		NO	YES
TO-108-76A	0.498/0.502	0.425/0.427	0.059/0.061		NO	YES
TO-108-64A	0.499/0.501	0.425/0.427	0.059/0.061	0.300	NO	YES
TO-115-01A	0.499/0.502	0.460	0.094/0.097	0.295	NO	NO
TO-108-40A	0.500	0.425	0.060		NO	YES
TO-108-41A	0.500	0.425	0.060/0.062	0.300	NO	YES
TO-108-45B	0.500	0.428	0.060	0.425	NO	YES
TO-108-47A	0.500	0.466	0.59/0.061		NO	YES
TO-108-54A	0.500	0.425	0.060		NO	YES
TO-108-60A	0.500	0.425	0.060	0.300	NO	YES
TO-108-62A	0.500	0.425	0.060	0.300	YES	YES
TO-108-68A	0.500	0.425	0.060		NO	YES
TO-108-74A	0.500	0.425	0.060	0.300	NO	YES
TO-108-88A	0.500	0.425	0.057	0.000	NO	YES
TO-158-22B	0.500	0.425	0.059/0.061	0.300	NO	YES
TO-394-01B	0.500	0.300			NO	YES
TO-508-02A	0.500	0.426	0.059/0.061		NO	YES
TO-508-15A	0.500	0.425	0.059	0.300	YES	NO
TO-108-34J	0.500/0.502	0.425/0.427	0.059/0.061	0.300	NO	YES
TO-108-44A	0.500/0.502	0.425/0.427	0.059/0.061		NO	NO
TO-108-44B	0.500/0.502	0.425/0.427	0.059/0.061		NO	YES
TO-108-49A	0.500/0.502	0.425/0.427	0.059/0.061		NO	YES
TO-108-56A	0.500/0.502	0.425/0.427	0.059/0.061		NO	YES
TO-108-02A	0.501	0.425/0.427	0.059/0.061	0.300	NO	YES

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Clifton, NJ 07011  
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## TO • Transistor Outline Coined Headers

	A	B	C	D		
CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-108-19X	0.501	0.424/0.427	0.059/0.061		NO	NO
TO-108-42A	0.501	0.425/0.427	0.059/0.061	0.300	NO	YES
TO-108-48A	0.501	0.424/0.427	0.059/0.061	0.300	NO	YES
TO-108-58A	0.501	0.425	0.060		NO	YES
TO-108-59A	0.501	0.425	0.060		NO	YES
TO-108-72A	0.501	0.425/0.427	0.059/0.061	0.300	NO	YES
TO-608-23A	0.501	0.425	0.060	0.300	NO	YES
TO-508-04A	0.502	0.427	0.061	0.300	NO	NO
TO-508-14A	0.502	0.425	0.060	0.300	NO	YES
TO-508-16A	0.502	0.427	0.061/0.050	0.300	NO	YES
TO-507-01B	0.502/0.512	0.400	0.265/0.268		NO	NO
TO-001-01A	0.512	0.425	0.067	0.280	NO	YES
TO-001-02A	0.512	0.425	0.066/0.068	0.280	NO	YES
TO-001-03B	0.514	0.426	0.068	0.279	YES	YES
TO-635-01E	0.534/0.538	0.470/0.486	0.140/0.144		NO	NO
TO-548-01B	0.538/0.542	0.483/0.489	N/A	N/A	NO	NO
TO-115-03A	0.547/0.553	0.293/0.297	0.093/0.096	0.293/0.297	NO	NO
TO-115-09B	0.547/0.553	0.459/0.461	0.091/0.095	0.293/0.297	NO	NO
TO-115-10B	0.547/0.553	0.460	0.034/0.097	0.293/0.297	NO	NO
TO-115-16A	0.547/0.553	0.459/0.462	0.093/0.096	0.295	NO	NO
TO-115-02A	0.548/0.551	0.459/0.461	0.091/0.094	0.293/0.297	NO	NO
TO-115-01B	0.550	0.500	0.095	0.459	YES	NO
TO-115-04A	0.550 DIA	0.459	0.093	0.295	NO	NO
TO-108-37B	0.560/0.563	0.474/0.477	0.055/0.057	0.282	NO	YES
TO-108-36B	0.562	0.476	0.056	0.282	NO	YES
TO-265-02A	0.572/0.576	0.543/0.547	0.069/0.072	0.415	NO	NO
TO-265-01A	0.573/0.576	0.545			NO	NO
TO-585-02E	0.584/0.586	0.490	0.060	0.400	NO	NO
TO-585-03E	0.584/0.586	0.490	0.085/0.086	0.400	NO	NO
TO-590-01B	0.590	0.507	0.017		YES	YES

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CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-219-02A	0.596/0.602	0.556/0.562	0.104/0.107	0.372/0.377	NO	NO
TO-108-22A	0.596/0.604	0.523/0.526	0.062		NO	NO
TO-108-22B	0.596/0.604	0.523/0.526	0.062		NO	NO
TO-108-03A	0.598/0.602	0.524/0.527	0.057/0.061	0.300	NO	NO
TO-108-03B	0.598/0.602	0.523/0.527	0.061		NO	NO
TO-108-05A	0.598/0.602	0.523/0.527	0.060		NO	YES
TO-108-20A	0.598/0.602	0.523/0.527	0.059/0.061	0.397/0.403	NO	NO
TO-108-46A	0.598/0.602	0.524/0.526	0.058/0.060	0.400	NO	YES
TO-705-50A	0.598/0.602	0.298/0.302	0.069/0.072	0.200	NO	YES
TO-599-03E	0.599		0.202	0.288	NO	NO
TO-508-01A	0.599/0.601	0.524/0.526	0.060	0.540	NO	YES
TO-102-73A	0.599/0.602	0.524/0.526	0.059/0.061	0.400	NO	YES
TO-108-10A	0.599/0.602	0.524/0.527	0.059/0.062	0.375	NO	YES
TO-108-13A	0.599/0.602	0.524/0.526	0.059/0.061	0.400	NO	YES
TO-108-14A	0.599/0.602	0.524/0.526	0.059/0.061	0.400	NO	YES
TO-108-29A	0.599/0.602	0.524/0.527	0.059/0.061		NO	NO
TO-108-50A	0.599/0.602	0.523/0.527	0.059/0.061		NO	YES
TO-108-75A	0.599/0.602	0.524/0.526	0.059/0.061		NO	YES
TO-608-02A	0.599/0.602	0.524/0.527	0.059/0.061	N/A	NO	YES
TO-108-18B	0.599/0.603	0.524/0.527	0.028/0.032		NO	YES
TO-105-07B	0.600	0.300	0.067/0.070	0.198/0.202	NO	YES
TO-108-04A	0.600	0.525	0.059/0.061		NO	YES
TO-108-04B	0.600	0.525	0.059/0.061		NO	YES
TO-108-04G	0.600	0.525	0.059/0.061		NO	NO
TO-608-09A	0.600	0.525	0.060	0.375	NO	NO
TO-108-07A	0.600	0.525	0.058/0.062		NO	YES
TO-108-11A	0.600	0.524	0.062		NO	YES
TO-108-12A	0.600	0.525	0.058/0.061		NO	YES
TO-108-16A	0.600	0.525	0.015/0.020		NO	NO
TO-108-17B	0.600	0.523/0.527	0.060	0.377	NO	YES

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CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-108-19A	0.600	0.524/0.528	0.060	0.400	NO	YES
TO-108-22B	0.600	0.525	0.060		YES	NO
TO-108-30B	0.600	0.525	0.059/0.061	0.375	NO	YES
TO-108-46B	0.600	0.525	0.070	0.400	YES	YES
TO-108-85A	0.600	0.525	0.060/0.020	0.400	NO	YES
TO-608-07A	0.600	0.525	0.059	0.400	NO	YES
TO-608-15A	0.600	0.522	0.061	0.400	NO	YES
TO-608-21A	0.600	0.522	0.060	0.400	NO	YES
TO-608-22A	0.600	0.525	0.060	0.400	NO	YES
TO-608-22J	0.600	0.525	0.060	0.400	NO	YES
TO-608-26A	0.600	0.525	0.059	0.375	NO	YES
TO-108-65A	0.600 DIA	0.525 DIA	0.060	0.400	NO	YES
TO-508-07A	0.600 DIA	0.525DIA	0.060	0.375	NO	YES
TO-608-06E	0.600 DIA	0.527	0.400 X 0.400		YES	YES
TO-108-06A	0.600/0.602	0.524/0.526	0.059/0.061	0.400	NO	YES
TO-503-01B	0.600/0.602		0.150/0.153		NO	NO
TO-170-01B	0.601/0.605	0.455/0.458			NO	NO
TO-108-09A	0.602	0.527	0.061	0.200	NO	YES
TO-108-68A	0.602	0.527	0.061	0.400	NO	YES
TO-608-03A	0.602	0.527	0.060	0.375	NO	YES
TO-608-08A	0.602	0.527	0.061	0.400	NO	YES
TO-608-10A	0.602	0.527	0.061		NO	YES
TO-608-12A	0.602	0.527	0.061	0.400	NO	YES
TO-608-16A	0.602	0.527	0.061	0.200	NO	YES
TO-108-04X	0.603/0.597	0.523/0.527	0.054/0.056		NO	YES
TO-634-01A	0.633/0.635	0.523/0.527	0.059/0.061	N/A	NO	NO
TO-108-25B	0.645	0.522	0.060	0.380	YES	YES
TO-002-01A	0.685	0.645	0.048/0.046	0.550	NO	NO
TO-157-06X	0.685/0.693	0.690	0.069/0.072	0.325	NO	NO
TO-157-16B	0.685/0.693	0.430	0.069/0.072	0.325	NO	NO

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CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-157-10B	0.686/0.694	0.428/0.432			NO	NO
TO-157-11T	0.686/0.694	0.427/0.433	0.069/0.073	0.325	NO	NO
TO-158-11F	0.686/0.694	0.427/0.433	0.068/0.073	0.325	NO	NO
TO-157-03B	0.688/0.692		0.428/0.432		NO	NO
TO-157-01B	0.690	0.428/0.431	0.103/0.105		NO	NO
TO-157-02B	0.690	0.600	0.102/0.106		NO	NO
TO-157-06B	0.690		0.145/0.073	0.325	NO	NO
TO-157-08B	0.690	0.429/0.430	0.103/0.105		NO	NO
TO-157-17B	0.690	0.429	0.071	0.325	NO	NO
TO-157-18B	0.690	0.423	0.070	0.325	NO	NO
TO-157-04B	0.690 X 1.242		0.069	0.430	NO	NO
TO-740-01B	0.727/0.732	0.539/0.543	0.433/0.436		NO	NO
TO-761-01A	0.761	0.680	0.070/0.072	0.512	NO	NO
TO-789-01D	0.789/0.792	N/A	0.077/0.079	N/A	NO	NO
TO-796-01B	0.796	0.686	0.070	0.500	NO	NO
TO-005-03B	0.800	0.539/0.54	0.069/0.071		NO	NO
TO-005-04B	0.800				NO	NO
TO-005-20B	0.800	0.540/0.538	0.071/0.069	0.400	NO	NO
TO-800-01B	0.800	0.625	0.130		NO	NO
TO-198-01B	0.818/0.822	0.638/0.642	0.092/0.094		NO	NO
TO-822-01A	0.822	0.750	0.585/0.0615		NO	YES
TO-509-01B	0.904/0.908	0.732/0.736	0.125/0.128	0.498/0.502	NO	NO
TO-147-03A	0.964/0.965	0.872/0.887	0.197		NO	NO
TO-158-04B	0.986/1.000	0.900	0.103	0.500	NO	NO
TO-148-05K	0.995/1.00	0.730/0.733	0.236/0.241		NO	NO
TO-158-15B	0.995/1.00	0.900	0.103	0.500	NO	NO
TO-158-24B	0.995/1.00	0.900	0.098/0.102	0.500	NO	NO
TO-158-57B	0.995/1.00	0.900	0.193	0.430	NO	NO
TO-158-05B	0.995/1.000	0.900	0.099/1.03	0.900	NO	NO
TO-158-18B	0.995/1.000	0.900	0.099	0.313	NO	NO

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	A	B	C	D		
CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-158-20B	0.995/1.000	0.900	0.175/0.192		NO	NO
TO-508-03A	0.995/1.000	0.425/0.427	0.060/0.062		NO	YES
TO-158-16B	0.995/1.005	0.900	0.246/0.252		NO	NO
TO-158-07B	0.996/1.000	0.920	0.153/0.159		NO	NO
TO-158-08B	0.996/1.000	0.920	0.153/0.159		NO	NO
TO-502-01B	0.996/1.004	0.950	0.093/0.102		NO	NO
TO-608-01A	600.000	0.527	0.100	0.325	NO	YES
TO-108-15B	1.000		0.101		NO	NO
TO-158-01B	1.000		0.159		NO	NO
TO-158-68B	1.000		0.100		NO	NO
TO-158-03K	1.000	0.900	0.154/0.156	0.430	NO	NO
TO-158-12B	1.000	0.900	0.101	0.500	NO	NO
TO-158-17B	1.000	0.900	0.246/0.252		NO	NO
TO-158-21A	1.000		0.101/0.172		NO	NO
TO-158-23B	1.000	0.900	0.101/0.104	0.500	NO	NO
TO-158-55B	1.000		0.215	0.900	NO	NO
TO-158-58A	1.000	0.900	0.151/0.153		NO	NO
TO-158-59B	1.000	0.800	0.143	0.430	NO	NO
TO-158-12B	1.000 X 1.530	0.000	0.070	0.500	NO	NO
TO-158-02B	1.000 X 1.531	0.000	0.120	0.000	NO	NO
TO-158-10B	1.000 X 1.531	0.000	0.101	0.000	NO	NO
TO-105-05B	1.004	0.900	0.103	0.500	NO	NO
TO-508-01A	1.016/1.022	0.828/0.830	0.041	0.540	NO	YES
TO-103-01B	1.024	0.900	0.187	0.650	YES	NO
TO-220-01B	1.057/1.067	1.040/1.044	0.149/0.151	0.360/0.820	NO	NO
TO-220-12B	1.057/1.067	1.040/1.044	0.151	0.820	NO	NO
TO-211-02B	1.059/1.065	0.992/0.996	0.199/0.202	0.685/0.689	NO	NO
TO-211-01X	1.060	0.994	0.200	0.682	NO	NO
TO-211-07B	1.060	0.994	0.200	0.682	NO	NO
TO-537-01A	1.060/1.062	0.923/0.925	0.060	0.730	NO	YES

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CTI Part #	Outside Diameter	Body	Hole Diameter	Pin Circle	Weld Projection	Tab?
TO-211-02B	1.062	0.996	0.201	0.687	NO	NO
TO-211-03B	1.062	0.996	0.201	0.687	NO	NO
TO-120-01B	1.175	0.935	0.190	0.687	NO	NO
TO-680-01A	1.180	1.160	0.140	0.916	NO	NO
TO-680-01A	1.180	1.112/1.118	0.138/0.141	0.916	NO	NO
TO-158-25B	1.187	1.000	0.101	0.500	NO	NO
TO-162-01B	1.233/1.234	0.256/0.276			NO	NO
TO-166-02B	1.234 DIA		0.208		NO	NO
TO-211-01D	1.247/1.253	1.172/1.178	0.199/0.202	0.685/0.689	NO	NO
TO-248-01B	1.248		0.127	0.750	NO	NO
TO-192-01E	1.249/1.253	0.838/0.858	0.092/0.094	0.625	NO	NO
TO-211-06B	1.250	1.175	0.161	0.750	NO	NO
TO-305-01B	1.250	1.175	0.199/0.202	0.852/0.854	NO	NO
TO-211-01B	1.250	1.175	0.201	0.687	NO	NO
TO-211-01B	1.250	1.175	0.199/0.202	0.686/0.688	NO	NO
TO-305-01B	1.250	1.175	0.201	.353/.835	NO	NO
TO-192-01D	1.251	0.842/0.854	0.074	0.625	NO	NO
TO-211-02B	1.252/1.248	1.173/1.176	0.199/0.202	0.686/0.688	NO	NO
TO-165-03B	1.262	1.142	0.187		NO	NO
TO-167-01B	1.263	1.139	0.187	0.900	YES	NO
TO-006-02E	1.445/1.443	1.220			NO	NO
TO-155-01D	1.536/1.538		0.141/0.143	0.748/0.752	NO	NO
TO-155-02D	1.537		0.236/0.241	0.748/0.752	NO	NO
TO-211-03B	1.57/1.065	0.992/0.998	0.1990/0.202	0.685/0.689	NO	NO
TO-680-02B	1.800	1.150	0.180	N/A	NO	NO
TO-310-02D	3.082/3.084	0.307/0.309	0.046/0.048	1.750	NO	NO
TO-506-01E	N/A	0.505/0.507	0.044/0.050		NO	NO