

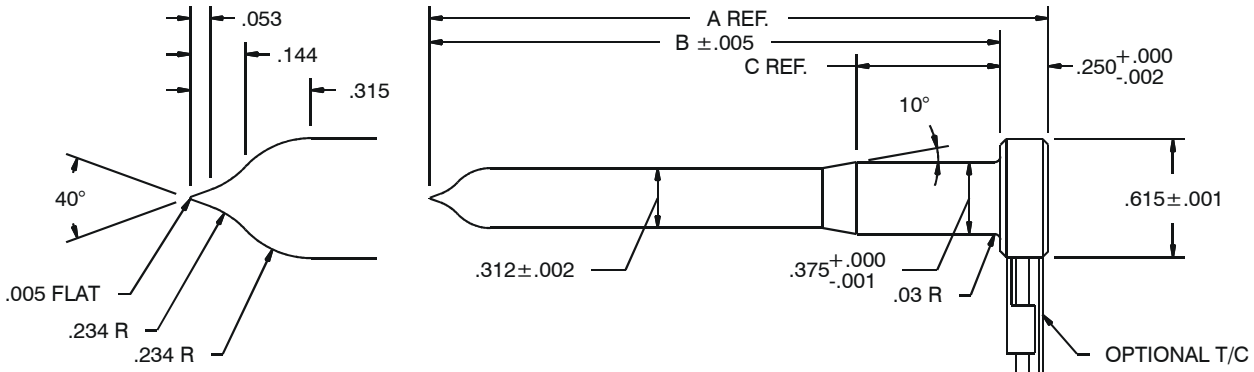
"SOLUTION" Conversion Components

The superior processing offered by our thermally coordinated "SOLUTION" torpedo components can be brought to the majority of competitive runnerless system designs.

Substitution of torpedoes for many common runnerless system designs can be accomplished by selecting the appropriate options from our extensive listing of standard components. For components not covered by these options, Duratherm offers the series of stock conversion torpedoes shown below. These components are manufactured to the required physical specifications dictated by competitive system design, but provide the thermal coordination necessary to optimize the processing of all general purpose and engineering thermoplastic resins.

If you need to optimize your systems performance and require a component not shown in our catalog, we will custom designed a suitable conversion torpedo for your system. Please forward a drawing to our engineering staff for a fast review and quotation.

While the components shown below reflect totally standard conversion configurations, modified versions of these components can also be readily supplied. Typical torpedo variations include special lengths, materials and lead configurations. Modified heating characteristics in both insulated and hot runner versions and special operating voltages are also available when required.

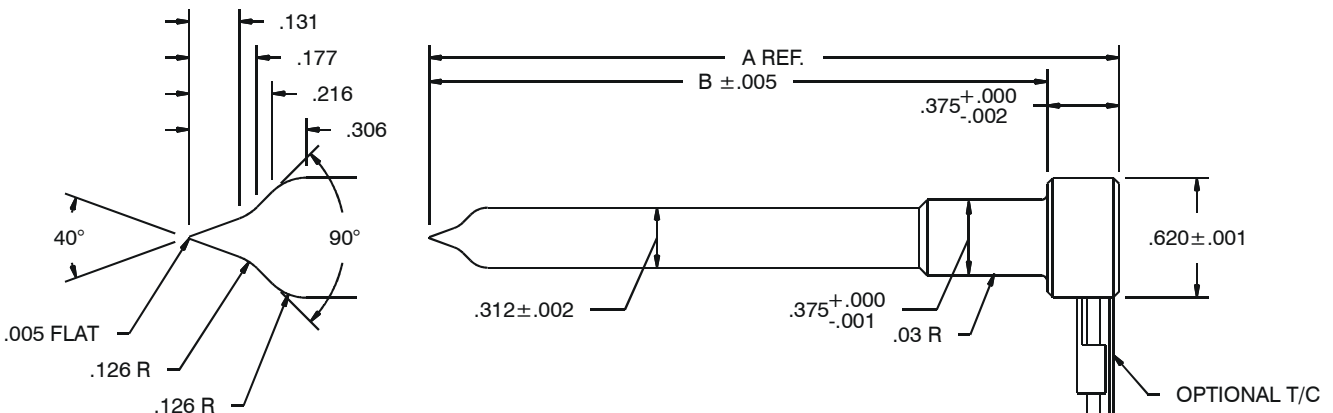


"SOLUTION" CIMP Conversion Components

The CIMP conversion torpedoes are designed for wattage shown in the table based on 240 volt operation.

Optional Thermocouple CTJ-025-06 is recommended

Product Number	A Dim.	B Dim.	C Dim.	Watts
CIMP-1A-018-0	2.225	1.975	.500	75
CIMP-1A-018-0	2.725	2.475	.750	90
CIMP-1A-018-0	3.225	2.975	.750	115



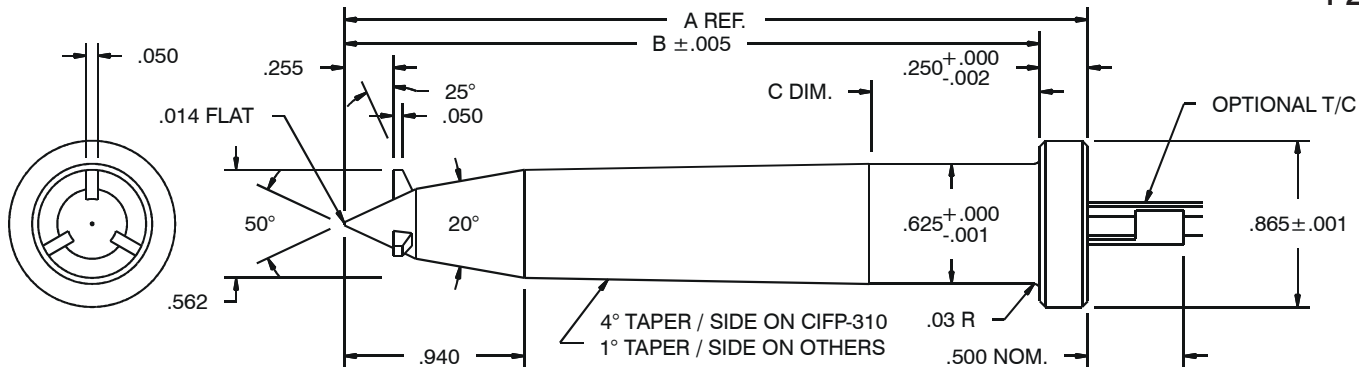
"SOLUTION" CIIP Conversion Components

The CIIP conversion torpedoes are designed for wattage shown in the table based on 240 volt operation.

Optional Thermocouple CTJ-025-06 is recommended

Product Number	A Dim.	B Dim.	C Dim.	Watts
CIIP-310	3.095	2.720	.625	110
CIIP-360	3.595	3.220	.625	130
CIIP-410	4.095	3.720	.625	150
CIIP-460	4.595	4.220	.625	170

"SOLUTION" INTEGRAL HEATED CONVERSION COMPONENTS

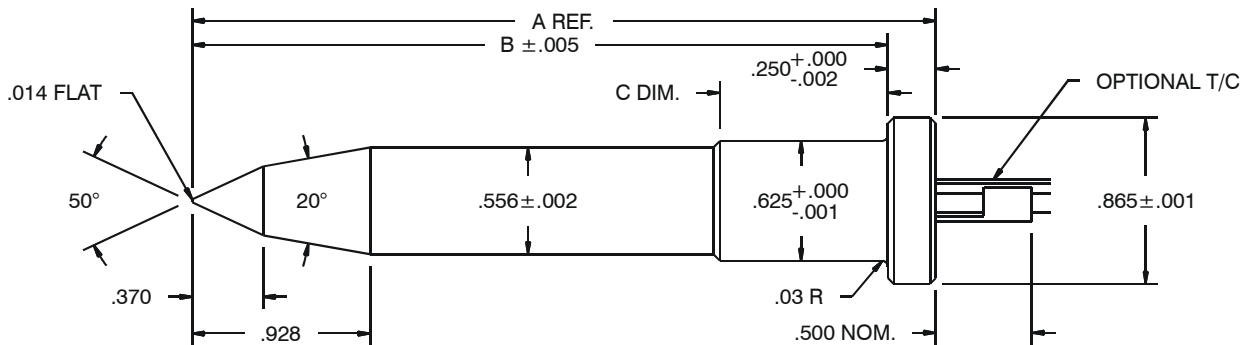


"SOLUTION" CIFP Conversion Components

The CIFP conversion torpedoes are designed for wattage shown in the table based on 240 volt operation.

Optional Thermocouple CTJ-025-10 is recommended

Product Number	A Dim.	B Dim.	C Dim.	Watts
CIFP-310	3.143	2.893	.500	150
CIFP-410	3.875	3.625	.890	220
CIFP-510	4.875	4.625	1.890	275
CIFP-610	5.859	5.609	2.900	350

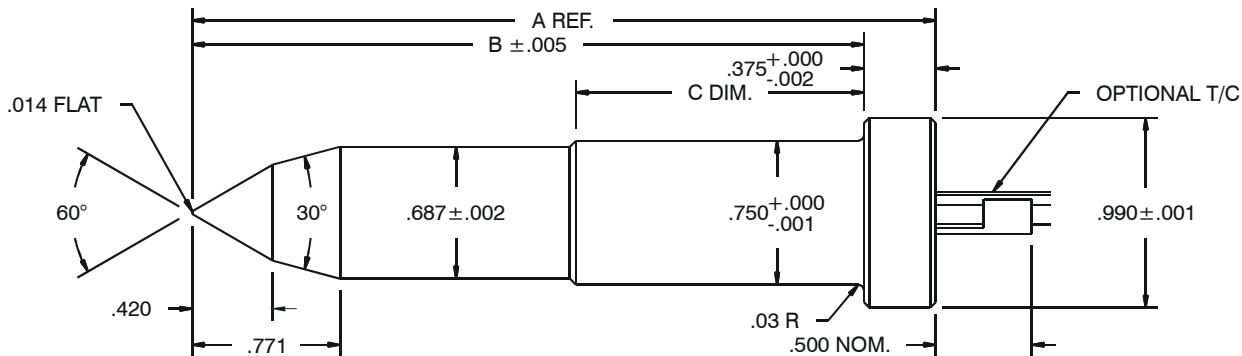


"SOLUTION" CINP Conversion Components

The CINP conversion torpedoes are designed for wattage shown in the table based on 240 volt operation.

Optional Thermocouple CTJ-025-10 is recommended

Product Number	A Dim.	B Dim.	C Dim.	Watts
CINP-310	3.143	2.893	.500	150
CINP-410	3.875	3.625	.875	220
CINP-510	4.875	4.625	.875	275
CINP-610	5.859	5.609	.875	350



"SOLUTION" CINP Conversion Components

The CINP conversion torpedoes are designed for wattage shown in the table based on 240 volt operation.

Optional Thermocouple CTJ-025-14 is recommended

Product Number	A Dim.	B Dim.	C Dim.	Watts
CINP-720	7.375	7.000	1.500	645
CINP-820	8.375	8.000	1.500	760
CINP-920	9.375	9.000	1.500	870
CINP-1020	10.375	10.000	1.500	980