PPR Pipes (Grey and Green color)	Diameter (mm)	Thickness	Length	Weight (kg/meter)
	20	3.4	4	0.198
	25	4.2	4	0.293
	32	5.4	4	0.453
	40	6.7	4	0.720
	50	8.3	4	1.105
	63	10.5	4	1.750

1 – Mechanical Properties

Hydrostatic Strength (MPa)	Test Temperature (0C)	Test Period (Hour)	Test Ppressure (Bar)
16	20	1	65
4.3	95	22	18
3.8	95	165	15
3.5	95	1000	14

2 – Physical and Chemical Properties

	Necessity	Parameter	Duration (Hour)
Longitudinal Consistency	≤ %2	135 °C	$e_n \leq 8$ mm →1 8 mm < en ≤ 16 mm →2 $e_n > 16$ mm →4
Hydrostatic Compression Test No explosion should occur	Thermo-Cons. by Inter. throughout the test	110 °C - 1,9 MPa	8760
Impact Strength	< %10	0 °C - 10 Pieces	$e_n \leq 8{,}6$ mm →1 8,6 mm < $e_n \leq 14{,}1$ mm →2 $e_n > 14{,}1$ mm →4
MFI (Raw material)	≤ 0,5 gr / 10 min.	230 °C - 2,16 kg	
MFI (Pipe)	Not exceed %20 when compared to the raw material	230 °C - 2,16 kg	

Elbow (90)	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.014
	25	24.5	0.023
	32	31.5	0.040

Socket	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.010
	25	24.5	0.014
	32	31.5	0.030

Reducing Socket	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	25-20	19.5-25.0	0.013
	32-25	24.5-32.0	0.020

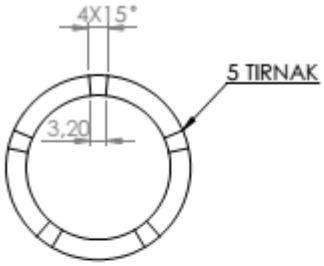
Plain-Tee	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.025
	25	24.5	0.030

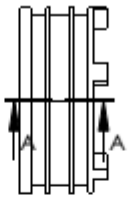
	32	31.5	0.065

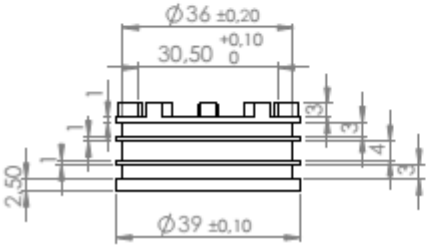
Reducing-Tee	**Diameter (mm)**	**Inside Diameter (mm)**	**Weight(Kg)**
	25-20-25	24.5	0.025
	32-25-32	31.5	0.030

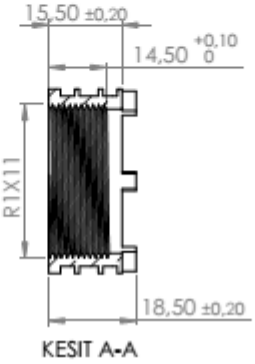
Elbow (45)	**Diameter (mm)**	**Inside Diameter (mm)**	**Weight(Kg)**
	20	19.5	0.013
	25	24.5	0.015
	32	31.5	0.031

Female Elbow (90)	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.054
	25	24.5	0.071
	32	31.5	0.091

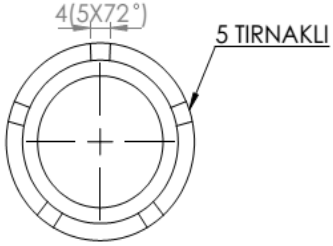


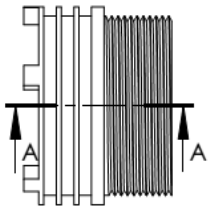


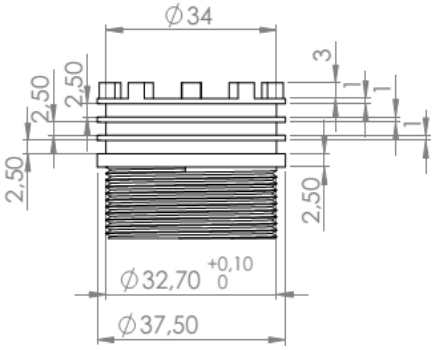


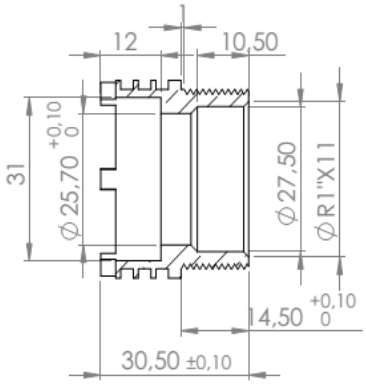


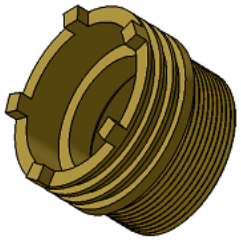
Male Elbow (90)	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.068
	25	24.5	0.071
	32	31.5	0.112



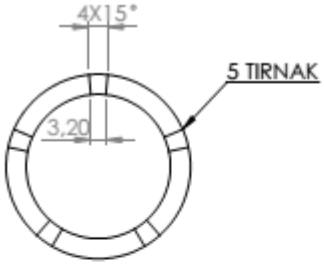


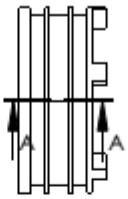


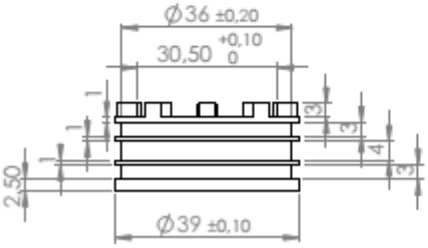


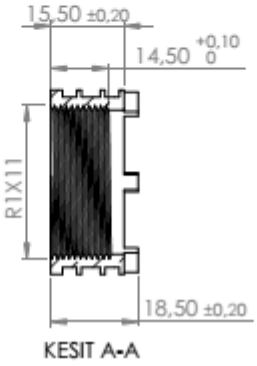


Female Tee	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.060
	25	24.5	0.090
	32	31.5	0.115

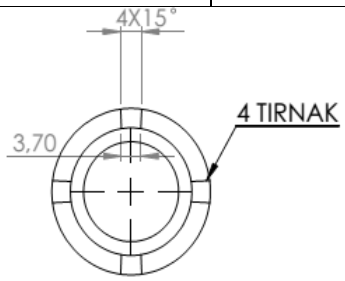


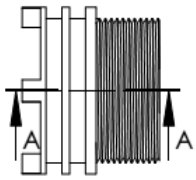


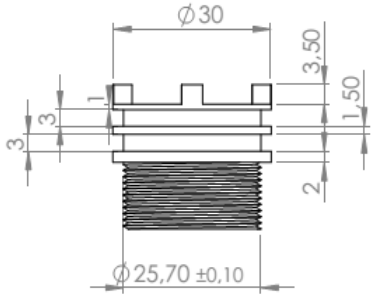


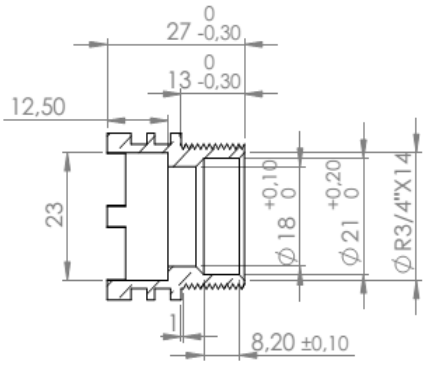


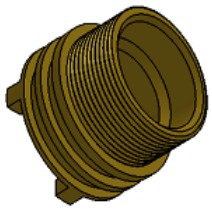
Male Tee	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.076
	25	24.5	0.110
	32	31.5	0.135



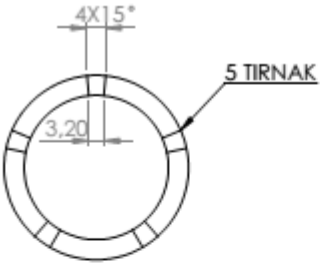


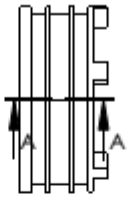


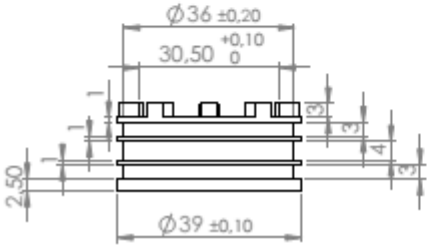


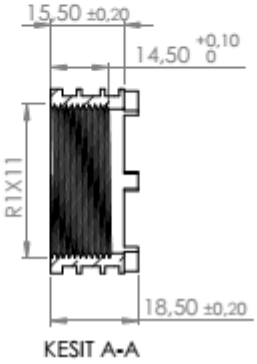


Female Adaptor	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.054
	25	24.5	0.085
	32	31.5	0.115

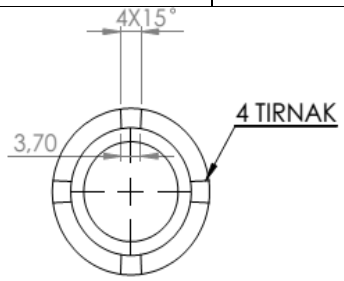


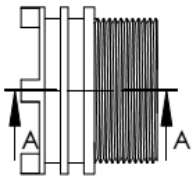


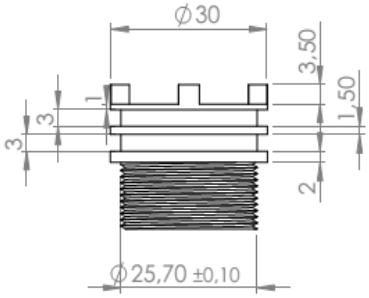


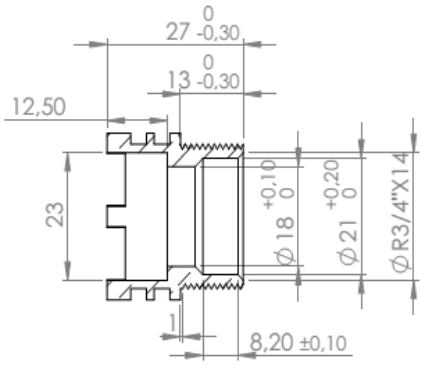


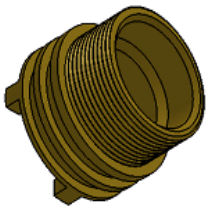
Male Adaptor	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.068
	25	24.5	0.101
	32	31.5	0.135











Stop Valve	Diameter (mm)	Inside Diameter (mm)	Weight(Kg)
	20	19.5	0.151
	25	24.5	0.208
	32	31.5	0.345