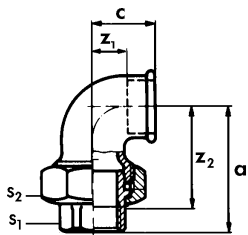
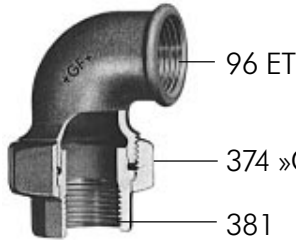


# 96

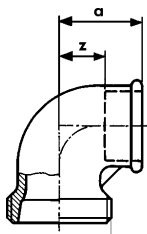
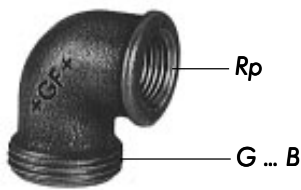
ISO UA11  
Union elbow  
with taper seat



Dimension		Code	a	c	z <sub>1</sub>	z <sub>2</sub>	s <sub>1</sub>	s <sub>2</sub>
374 »G«								
• S	1/4 5/8	<b>770 096 102</b>	48	21	11	38	10	28
• V	1/4 5/8	<b>770 096 202</b>						
• S	3/8 3/4	<b>770 096 103</b>	52	25	15	42	12	32
• V	3/8 3/4	<b>770 096 203</b>						
• S	1/2 1	<b>770 096 104</b>	58	28	15	45	25	39
• V	1/2 1	<b>770 096 204</b>						
• S	3/4 1 1/4	<b>770 096 105</b>	62	33	18	47	32	48
• V	3/4 1 1/4	<b>770 096 205</b>						
• S	1 1 1/2	<b>770 096 106</b>	72	38	21	55	38	55
• V	1 1 1/2	<b>770 096 206</b>						
• S	1 1/4 2	<b>770 096 107</b>	82	45	26	63	48	67
• V	1 1/4 2	<b>770 096 207</b>						
• S	1 1/2 2 1/4	<b>770 096 108</b>	90	50	31	71	54	74
• V	1 1/2 2 1/4	<b>770 096 208</b>						
• S	2 2 3/4	<b>770 096 109</b>	100	58	34	76	66	90
• V	2 2 3/4	<b>770 096 209</b>						
S	2 1/2 3 1/2	<b>770 096 110</b>	130	72	45	103	85	111
V	2 1/2 3 1/2	<b>770 096 210</b>						
S	3 4	<b>770 096 111</b>	134	78	48	104	96	131
V	3 4	<b>770 096 211</b>						

# 96 ET

for union elbow  
with taper seat

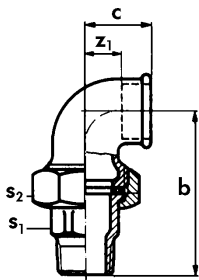
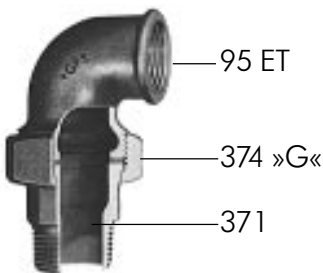


Dimension		Code	a	z
	Rp G			
S	1/4 5/8	*	21	11
V	1/4 5/8	*		
S	3/8 3/4	*	25	15
V	3/8 3/4	*		
S	1/2 1	*	28	15
V	1/2 1	*		
S	3/4 1 1/4	*	33	18
V	3/4 1 1/4	*		
S	1 1 1/2	*	38	21
V	1 1 1/2	*		
S	1 1/4 2	*	45	26
V	1 1/4 2	*		
S	1 1/2 2 1/4	*	50	31
V	1 1/2 2 1/4	*		
S	2 2 3/4	*	58	34
V	2 2 3/4	*		
S	2 1/2 3 1/2	*	72	45
V	2 1/2 3 1/2	*		
S	3 4	*	79	49
V	3 4	*		

\* is not routinely supplied  
as a piece part

# 97

ISO UA2  
Union elbow  
flat seat

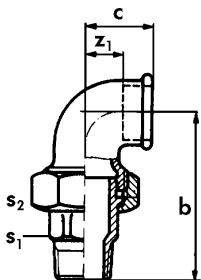
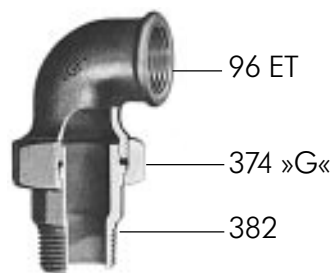


supplied without sealing gaskets  
b includes the seal thickness as  
per table page 81

Dimension	Code	b	c	z <sub>1</sub>	s <sub>1</sub>	s <sub>2</sub>
<b>374 »G«</b>						
S 3/8 3/4	<b>770 097 103</b>	65	25	<b>15</b>	19	32
V 3/8 3/4	<b>770 097 203</b>					
S 1/2 1	<b>770 097 104</b>	76	28	<b>15</b>	25	39
V 1/2 1	<b>770 097 204</b>					
S 3/4 1 1/4	<b>770 097 105</b>	82	33	<b>18</b>	32	48
V 3/4 1 1/4	<b>770 097 205</b>					
S 1 1 1/2	<b>770 097 106</b>	93	38	<b>21</b>	39	55
V 1 1 1/2	<b>770 097 206</b>					
S 1 1/4 2	<b>770 097 107</b>	107	45	<b>26</b>	48	67
V 1 1/4 2	<b>770 097 207</b>					
S 1 1/2 2 1/4	<b>770 097 108</b>	115	50	<b>31</b>	54	74
V 1 1/2 2 1/4	<b>770 097 208</b>					
S 2 2 3/4	<b>770 097 109</b>	128	58	<b>34</b>	66	90
V 2 2 3/4	<b>770 097 209</b>					

# 98

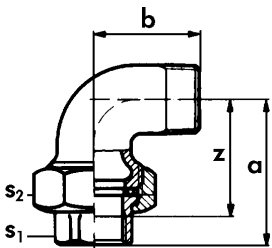
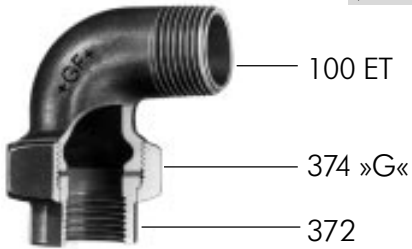
ISO UA12  
Union elbow  
with taper seat



Dimension	Code	b	c	z <sub>1</sub>	s <sub>1</sub>	s <sub>2</sub>
<b>374 »G«</b>						
S 1/4 5/8	<b>770 098 102</b>	61	21	<b>11</b>	15	28
V 1/4 5/8	<b>770 098 202</b>					
S 3/8 3/4	<b>770 098 103</b>	65	25	<b>15</b>	20	32
V 3/8 3/4	<b>770 098 203</b>					
S 1/2 1	<b>770 098 104</b>	76	28	<b>15</b>	25	39
V 1/2 1	<b>770 098 204</b>					
S 3/4 1 1/4	<b>770 098 105</b>	82	33	<b>18</b>	32	48
V 3/4 1 1/4	<b>770 098 205</b>					
S 1 1 1/2	<b>770 098 106</b>	94	38	<b>21</b>	38	55
V 1 1 1/2	<b>770 098 206</b>					
S 1 1/4 2	<b>770 098 107</b>	107	45	<b>26</b>	48	67
V 1 1/4 2	<b>770 098 207</b>					
S 1 1/2 2 1/4	<b>770 098 108</b>	115	50	<b>31</b>	54	74
V 1 1/2 2 1/4	<b>770 098 208</b>					
S 2 2 3/4	<b>770 098 109</b>	128	58	<b>34</b>	67	90
V 2 2 3/4	<b>770 098 209</b>					
S 2 1/2 3 1/2	<b>770 098 110</b>	164	72	<b>45</b>	85	111
V 2 1/2 3 1/2	<b>770 098 210</b>					
S 3 4	<b>770 098 111</b>	167	78	<b>48</b>	95	131
V 3 4	<b>770 098 211</b>					

# 100

Union elbow  
flat seat

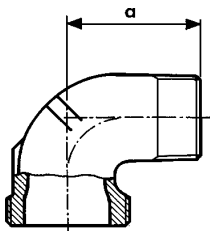
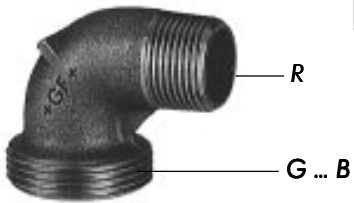


supplied without sealing gaskets  
a and z include seal thickness  
as per table page 81

Dimension		Code	a	b	z	s <sub>1</sub>	s <sub>2</sub>	
	374 »G«							
S	1/2	1	<b>770 100 104</b>	58	39	<b>45</b>	26	39
V	1/2	1	<b>770 100 204</b>					
S	3/4	1 1/4	<b>770 100 105</b>	61	43	<b>46</b>	31	48
V	3/4	1 1/4	<b>770 100 205</b>					
S	1	1 1/2	<b>770 100 106</b>	71	52	<b>55</b>	38	55
V	1	1 1/2	<b>770 100 206</b>					

# 100 ET

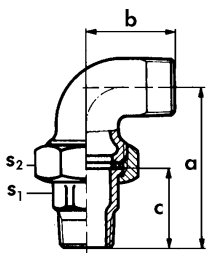
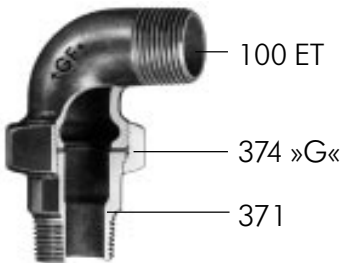
for union elbow  
flat seat



Dimension		Code	a				
	R	G					
S	1/2	1	<b>770 600 104</b>	39			
V	1/2	1	<b>770 600 204</b>				
S	3/4	1 1/4	<b>770 600 105</b>	43			
V	3/4	1 1/4	<b>770 600 205</b>				
S	1	1 1/2	<b>770 600 106</b>	52			
V	1	1 1/2	<b>770 600 206</b>				

# 101

## Union elbow flat seat

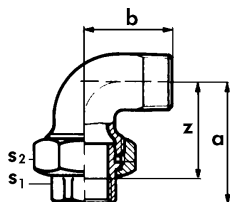
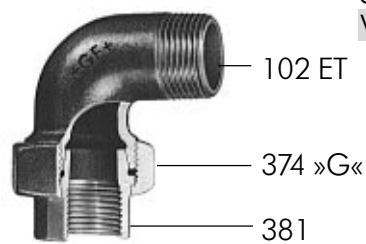


supplied without sealing gaskets  
b includes the seal thickness  
as per table page 81

Dimension		Code	a	b	c	s <sub>1</sub>	s <sub>2</sub>	
	<b>374 »G«</b>							
S	1/2	1	<b>770 101 104</b>	77	39	40	25	39
V	1/2	1	<b>770 101 204</b>					
S	3/4	1 1/4	<b>770 101 105</b>	81	43	42	32	48
V	3/4	1 1/4	<b>770 101 205</b>					
S	1	1 1/2	<b>770 101 106</b>	93	52	47	39	55
V	1	1 1/2	<b>770 101 206</b>					

# 102

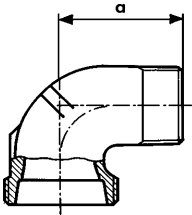
## Union elbow with taper seat



Dimension		Code	a	b	z	s <sub>1</sub>	s <sub>2</sub>	
	<b>374 »G«</b>							
S	1/2	1	<b>770 102 104</b>	59	39	<b>46</b>	25	39
V	1/2	1	<b>770 102 204</b>					
S	3/4	1 1/4	<b>770 102 105</b>	61	43	<b>46</b>	32	48
V	3/4	1 1/4	<b>770 102 205</b>					
S	1	1 1/2	<b>770 102 106</b>	71	52	<b>54</b>	38	55
V	1	1 1/2	<b>770 102 206</b>					

# 102 ET

for union  
elbow taper seat

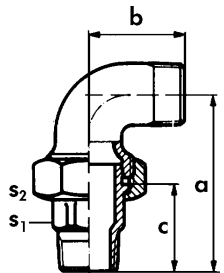
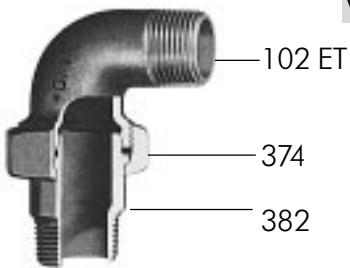


Dimension		Code	a					
R	G							
S 1/2	1	*	39					
V 1/2	1	*						
S 3/4	1 1/4	*	43					
V 3/4	1 1/4	*						
S 1	1 1/2	*	52					
V 1	1 1/2	*						

\* is not routinely supplied  
as a piece part

# 103

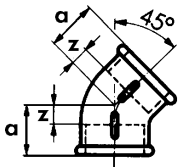
Union elbow  
taper seat



Dimension		Code	a	b	c	s <sub>1</sub>	s <sub>2</sub>	
374 »G«								
S 1/2	1	<b>770 103 104</b>	76	39	40,5	25	39	
V 1/2	1	<b>770 103 204</b>						
S 3/4	1 1/4	<b>770 103 105</b>	81	43	42,5	32	48	
V 3/4	1 1/4	<b>770 103 205</b>						
S 1	1 1/2	<b>770 103 106</b>	93	52	47,5	38	55	
V 1	1 1/2	<b>770 103 206</b>						

# 120

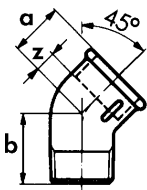
ISO A1/45°  
45° Elbow



Dimension	Code	a	z
• S 3/8	770 120 103	20	10
• V 3/8	770 120 203		
• S 1/2	770 120 104	22	9
• V 1/2	770 120 204		
• S 3/4	770 120 105	25	10
• V 3/4	770 120 205		
• S 1	770 120 106	28	11
• V 1	770 120 206		
• S 1 1/4	770 120 107	33	14
• V 1 1/4	770 120 207		
• S 1 1/2	770 120 108	36	17
• V 1 1/2	770 120 208		
• S 2	770 120 109	43	19
• V 2	770 120 209		
S 2 1/2	770 120 110	48	21
V 2 1/2	770 120 210		
S 3	770 120 111	54	24
V 3	770 120 211		

# 121

ISO A4/45°  
45° Elbow

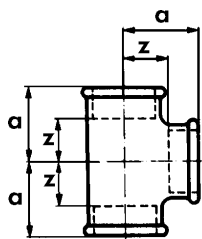


Dimension	Code	a	b	z
• S 3/8	770 121 103	20	25	10
• V 3/8	770 121 203			
• S 1/2	770 121 104	22	28	9
• V 1/2	770 121 204			
• S 3/4	770 121 105	25	32	10
• V 3/4	770 121 205			
• S 1	770 121 106	28	37	11
• V 1	770 121 206			
• S 1 1/4	770 121 107	33	43	14
• V 1 1/4	770 121 207			
• S 1 1/2	770 121 108	36	46	17
• V 1 1/2	770 121 208			
• S 2	770 121 109	43	55	19
• V 2	770 121 209			
S 2 1/2	770 121 110	46	54	19
V 2 1/2	770 121 210			
S 3	770 121 111	52	61	22
V 3	770 121 211			

# 130

Tee

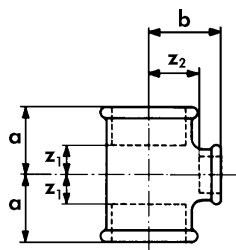
ISO B1  
equal



Dimension	Code	a	b	z	z <sub>1</sub>	z <sub>2</sub>
• S 1/8	770 130 101	19		12		
• V 1/8	770 130 201					
• S 1/4	770 130 102	21		11		
• V 1/4	770 130 202					
• S 3/8	770 130 103	25		15		
• V 3/8	770 130 203					
• S 1/2	770 130 104	28		15		
• V 1/2	770 130 204					
• S 3/4	770 130 105	33		18		
• V 3/4	770 130 205					
• S 1	770 130 106	38		21		
• V 1	770 130 206					
• S 1 1/4	770 130 107	45		26		
• V 1 1/4	770 130 207					
• S 1 1/2	770 130 108	50		31		
• V 1 1/2	770 130 208					
• S 2	770 130 109	58		34		
• V 2	770 130 209					
• S 2 1/2	770 130 110	69		42		
• V 2 1/2	770 130 210					
• S 3	770 130 111	78		48		
• V 3	770 130 211					
• S 4	770 130 112	96		60		
• V 4	770 130 212					

Branch reducing  
or increasing

1-3	2					
• S 3/8 - 1/4		770 130 115	23	23		13 13
• V 3/8 - 1/4		770 130 215				
• S 3/8 - 1/2		770 130 116	26	26		16 13
• V 3/8 - 1/2		770 130 216				
• S 1/2 - 1/4		770 130 117	24	24		11 14
• V 1/2 - 1/4		770 130 217				
• S 1/2 - 3/8		770 130 119	26	26		13 16
• V 1/2 - 3/8		770 130 219				
• S 1/2 - 3/4		770 130 121	31	30		18 15
• V 1/2 - 3/4		770 130 221				
• S 1/2 - 1		770 130 130	34	32		21 15
• V 1/2 - 1		770 130 230				
• S 3/4 - 1/4		770 130 122	26	27		11 17
• V 3/4 - 1/4		770 130 222				
• S 3/4 - 3/8		770 130 124	28	28		13 18
• V 3/4 - 3/8		770 130 224				
• S 3/4 - 1/2		770 130 127	30	31		15 18
• V 3/4 - 1/2		770 130 227				
• S 3/4 - 1		770 130 132	36	35		21 18
• V 3/4 - 1		770 130 232				
• S 1 - 1/4		770 130 133	28	31		11 21
• V 1 - 1/4		770 130 233				
• S 1 - 3/8		770 130 134	30	32		13 22
• V 1 - 3/8		770 130 234				
• S 1 - 1/2		770 130 137	32	34		15 21
• V 1 - 1/2		770 130 237				
• S 1 - 3/4		770 130 140	35	36		18 21
• V 1 - 3/4		770 130 240				
• S 1 - 1 1/4		770 130 145	42	40		25 21
• V 1 - 1 1/4		770 130 245				

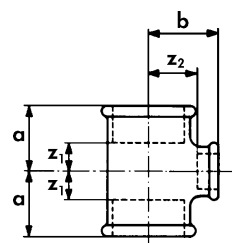


# 130

## Tee

iso B1

Branch reducing  
or increasing



Dimension		Code	a	b		z <sub>1</sub>	z <sub>2</sub>
1-3	2						
• S 1	- 1 <sup>1/2</sup>	770 130 159	46	42		29	23
• V 1	- 1 <sup>1/2</sup>	770 130 259					
• S 1 <sup>1/4</sup>	- 3/8	770 130 146	32	36		13	26
• V 1 <sup>1/4</sup>	- 3/8	770 130 246					
• S 1 <sup>1/4</sup>	- 1/2	770 130 148	34	38		15	25
• V 1 <sup>1/4</sup>	- 1/2	770 130 248					
• S 1 <sup>1/4</sup>	- 3/4	770 130 151	36	41		17	26
• V 1 <sup>1/4</sup>	- 3/4	770 130 251					
• S 1 <sup>1/4</sup>	- 1	770 130 155	40	42		21	25
• V 1 <sup>1/4</sup>	- 1	770 130 255					
• S 1 <sup>1/4</sup>	- 1 <sup>1/2</sup>	770 130 161	48	46		29	27
• V 1 <sup>1/4</sup>	- 1 <sup>1/2</sup>	770 130 261					
• S 1 <sup>1/4</sup>	- 2	770 130 177	54	48		35	24
• V 1 <sup>1/4</sup>	- 2	770 130 277					
• S 1 <sup>1/2</sup>	- 3/8	770 130 162	33	38		14	28
• V 1 <sup>1/2</sup>	- 3/8	770 130 262					
• S 1 <sup>1/2</sup>	- 1/2	770 130 164	36	42		17	29
• V 1 <sup>1/2</sup>	- 1/2	770 130 264					
• S 1 <sup>1/2</sup>	- 3/4	770 130 166	38	44		19	29
• V 1 <sup>1/2</sup>	- 3/4	770 130 266					
• S 1 <sup>1/2</sup>	- 1	770 130 169	42	46		23	29
• V 1 <sup>1/2</sup>	- 1	770 130 269					
• S 1 <sup>1/2</sup>	- 1 <sup>1/4</sup>	770 130 172	46	48		27	29
• V 1 <sup>1/2</sup>	- 1 <sup>1/4</sup>	770 130 272					
• S 1 <sup>1/2</sup>	- 2	770 130 179	55	52		36	28
• V 1 <sup>1/2</sup>	- 2	770 130 279					
• S 2	- 1/2	770 130 181	38	48		14	35
• V 2	- 1/2	770 130 281					
• S 2	- 3/4	770 130 183	40	50		16	35
• V 2	- 3/4	770 130 283					
• S 2	- 1	770 130 185	44	52		20	35
• V 2	- 1	770 130 285					
• S 2	- 1 <sup>1/4</sup>	770 130 188	48	54		24	35
• V 2	- 1 <sup>1/4</sup>	770 130 288					
• S 2	- 1 <sup>1/2</sup>	770 130 191	52	55		28	36
• V 2	- 1 <sup>1/2</sup>	770 130 291					
• S 2	- 2 <sup>1/2</sup>	770 130 197	66	61		42	34
• V 2	- 2 <sup>1/2</sup>	770 130 297					
• S 2 <sup>1/2</sup>	- 1/2	770 130 198	41	56		14	43
• V 2 <sup>1/2</sup>	- 1/2	770 130 298					
• S 2 <sup>1/2</sup>	- 3/4	770 130 199	45	59		18	44
• V 2 <sup>1/2</sup>	- 3/4	770 130 299					
• S 2 <sup>1/2</sup>	- 1	770 129 115	47	60		20	43
• V 2 <sup>1/2</sup>	- 1	770 129 215					
• S 2 <sup>1/2</sup>	- 1 <sup>1/4</sup>	770 129 116	52	62		25	43
• V 2 <sup>1/2</sup>	- 1 <sup>1/4</sup>	770 129 216					
• S 2 <sup>1/2</sup>	- 1 <sup>1/2</sup>	770 129 118	55	63		28	44
• V 2 <sup>1/2</sup>	- 1 <sup>1/2</sup>	770 129 218					
• S 2 <sup>1/2</sup>	- 2	770 129 120	61	66		34	42
• V 2 <sup>1/2</sup>	- 2	770 129 220					
• V 3	- 1/2	770 129 224	46	63		15	50
• V 3	- 3/4	770 129 225	48	66		18	51
• V 3	- 1	770 129 226	51	67		21	50
• S 3	- 1 <sup>1/4</sup> ▲	770 129 127	55	70		25	51
• V 3	- 1 <sup>1/4</sup>	770 129 227					
• V 3	- 1 <sup>1/2</sup>	770 129 228	58	71		28	52



# 130

## Tee

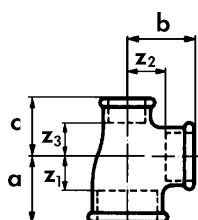
ISO B1

Branch reducing  
or increasing

Dimension		Code	a	b	c	z <sub>1</sub>	z <sub>2</sub>	z <sub>3</sub>
1-3	2							
• V 3	- 2	<b>770 129 230</b>	64	73		<b>34</b>	<b>49</b>	
• S 3	- 2 <sup>1/2</sup>	<b>770 129 131</b>	72	76		<b>42</b>	<b>49</b>	
• V 3	- 2 <sup>1/2</sup>	<b>770 129 231</b>						
V 4	- 1	<b>770 129 233</b>	56	80		<b>20</b>	<b>63</b>	
V 4	- 1 <sup>1/2</sup>	<b>770 129 235</b>	64	84		<b>28</b>	<b>65</b>	
• V 4	- 2	<b>770 129 236</b>	70	86		<b>34</b>	<b>62</b>	
V 4	- 2 <sup>1/2</sup>	<b>770 129 237</b>	77	89		<b>41</b>	<b>62</b>	
• V 4	- 3	<b>770 129 238</b>	84	92		<b>48</b>	<b>62</b>	

Branch reducing  
or increasing,  
run reducing

	1	2	3	Code	a	b	c	z <sub>1</sub>	z <sub>2</sub>	z <sub>3</sub>
• S	1/2	- 3/8	- 3/8	<b>770 130 118</b>	26	26	25	<b>13</b>	<b>16</b>	<b>15</b>
• V	1/2	- 3/8	- 3/8	<b>770 130 218</b>						
• S	1/2	- 1/2	- 3/8	<b>770 130 120</b>	28	28	26	<b>15</b>	<b>15</b>	<b>16</b>
• V	1/2	- 1/2	- 3/8	<b>770 130 220</b>						
• S	3/4	- 3/8	- 1/2	<b>770 130 123</b>	28	28	26	<b>13</b>	<b>18</b>	<b>13</b>
• V	3/4	- 3/8	- 1/2	<b>770 130 223</b>						
• S	3/4	- 1/2	- 3/8	<b>770 130 125</b>	30	31	26	<b>15</b>	<b>18</b>	<b>16</b>
• V	3/4	- 1/2	- 3/8	<b>770 130 225</b>						
• S	3/4	- 1/2	- 1/2	<b>770 130 126</b>	30	31	28	<b>15</b>	<b>18</b>	<b>15</b>
• V	3/4	- 1/2	- 1/2	<b>770 130 226</b>						
• S	3/4	- 3/4	- 3/8	<b>770 130 128</b>	33	33	28	<b>18</b>	<b>18</b>	<b>18</b>
• V	3/4	- 3/4	- 3/8	<b>770 130 228</b>						
• S	3/4	- 3/4	- 1/2	<b>770 130 129</b>	33	33	31	<b>18</b>	<b>18</b>	<b>18</b>
• V	3/4	- 3/4	- 1/2	<b>770 130 229</b>						
S	3/4	- 1	- 1/2	<b>770 130 131</b>	36	35	34	<b>21</b>	<b>18</b>	<b>21</b>
V	3/4	- 1	- 1/2	<b>770 130 231</b>						
• S	1	- 1/2	- 1/2	<b>770 130 135</b>	32	34	28	<b>15</b>	<b>21</b>	<b>15</b>
• V	1	- 1/2	- 1/2	<b>770 130 235</b>						
• S	1	- 1/2	- 3/4	<b>770 130 136</b>	32	34	30	<b>15</b>	<b>21</b>	<b>15</b>
• V	1	- 1/2	- 3/4	<b>770 130 236</b>						
• S	1	- 3/4	- 1/2	<b>770 130 138</b>	35	36	31	<b>18</b>	<b>21</b>	<b>18</b>
• V	1	- 3/4	- 1/2	<b>770 130 238</b>						
• S	1	- 3/4	- 3/4	<b>770 130 139</b>	35	36	33	<b>18</b>	<b>21</b>	<b>18</b>
• V	1	- 3/4	- 3/4	<b>770 130 239</b>						
• S	1	- 1	- 3/8	<b>770 130 141</b>	38	38	32	<b>21</b>	<b>21</b>	<b>22</b>
• V	1	- 1	- 3/8	<b>770 130 241</b>						
• S	1	- 1	- 1/2	<b>770 130 142</b>	38	38	34	<b>21</b>	<b>21</b>	<b>21</b>
• V	1	- 1	- 1/2	<b>770 130 242</b>						
• S	1	- 1	- 3/4	<b>770 130 143</b>	38	38	36	<b>21</b>	<b>21</b>	<b>21</b>
• V	1	- 1	- 3/4	<b>770 130 243</b>						
S	1	- 1 <sup>1/4</sup>	- 3/4	<b>770 130 144</b>	42	40	41	<b>25</b>	<b>21</b>	<b>26</b>
V	1	- 1 <sup>1/4</sup>	- 3/4	<b>770 130 244</b>						
• S	1 <sup>1/4</sup>	- 1/2	- 1	<b>770 130 147</b>	34	38	32	<b>15</b>	<b>25</b>	<b>15</b>
• V	1 <sup>1/4</sup>	- 1/2	- 1	<b>770 130 247</b>						
• S	1 <sup>1/4</sup>	- 3/4	- 3/4	<b>770 130 149</b>	36	41	33	<b>17</b>	<b>26</b>	<b>18</b>
• V	1 <sup>1/4</sup>	- 3/4	- 3/4	<b>770 130 249</b>						
• S	1 <sup>1/4</sup>	- 3/4	- 1	<b>770 130 150</b>	36	41	35	<b>17</b>	<b>26</b>	<b>18</b>
• V	1 <sup>1/4</sup>	- 3/4	- 1	<b>770 130 250</b>						
• S	1 <sup>1/4</sup>	- 1	- 3/4	<b>770 130 153</b>	40	42	36	<b>21</b>	<b>25</b>	<b>21</b>
• V	1 <sup>1/4</sup>	- 1	- 3/4	<b>770 130 253</b>						
• S	1 <sup>1/4</sup>	- 1	- 1	<b>770 130 154</b>	40	42	38	<b>21</b>	<b>25</b>	<b>21</b>
• V	1 <sup>1/4</sup>	- 1	- 1	<b>770 130 254</b>						
• S	1 <sup>1/4</sup>	- 1 <sup>1/4</sup>	- 1/2	<b>770 130 156</b>	45	45	38	<b>26</b>	<b>26</b>	<b>25</b>
• V	1 <sup>1/4</sup>	- 1 <sup>1/4</sup>	- 1/2	<b>770 130 256</b>						
• S	1 <sup>1/4</sup>	- 1 <sup>1/4</sup>	- 3/4	<b>770 130 157</b>	45	45	41	<b>26</b>	<b>26</b>	<b>26</b>
• V	1 <sup>1/4</sup>	- 1 <sup>1/4</sup>	- 3/4	<b>770 130 257</b>						

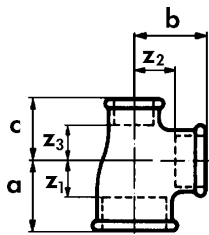


# 130

Tee

ISO B1

Branch reducing  
or increasing,  
run reducing



Dimension			Code	a	b	c	z <sub>1</sub>	z <sub>2</sub>	z <sub>3</sub>
1	2	3							
S	1 1/4	- 1 1/4 - 1	<b>770 130 158</b>	45	45	42	<b>26</b>	<b>26</b>	<b>25</b>
V	1 1/4	- 1 1/4 - 1	<b>770 130 258</b>						
S	1 1/4	- 1 1/2 - 1	<b>770 130 160</b>	48	46	46	<b>29</b>	<b>27</b>	<b>29</b>
V	1 1/4	- 1 1/2 - 1	<b>770 130 260</b>						
S	1 1/2	- 1 1/2 - 1 1/4	<b>770 130 163</b>	36	42	34	<b>17</b>	<b>29</b>	<b>15</b>
V	1 1/2	- 1 1/2 - 1 1/4	<b>770 130 263</b>						
S	1 1/2	- 3/4 - 1 1/4	<b>770 130 165</b>	38	44	36	<b>19</b>	<b>29</b>	<b>17</b>
V	1 1/2	- 3/4 - 1 1/4	<b>770 130 265</b>						
S	1 1/2	- 1 - 1	<b>770 130 167</b>	42	46	38	<b>23</b>	<b>29</b>	<b>21</b>
V	1 1/2	- 1 - 1	<b>770 130 267</b>						
S	1 1/2	- 1 - 1 1/4	<b>770 130 168</b>	42	46	38	<b>23</b>	<b>29</b>	<b>21</b>
V	1 1/2	- 1 - 1 1/4	<b>770 130 268</b>						
S	1 1/2	- 1 1/4 - 1	<b>770 130 170</b>	46	48	42	<b>27</b>	<b>29</b>	<b>25</b>
V	1 1/2	- 1 1/4 - 1	<b>770 130 270</b>						
S	1 1/2	- 1 1/4 - 1 1/4	<b>770 130 171</b>	46	48	45	<b>27</b>	<b>29</b>	<b>26</b>
V	1 1/2	- 1 1/4 - 1 1/4	<b>770 130 271</b>						
S	1 1/2	- 1 1/2 - 1 1/2	<b>770 130 173</b>	50	50	42	<b>31</b>	<b>31</b>	<b>29</b>
V	1 1/2	- 1 1/2 - 1 1/2	<b>770 130 273</b>						
S	1 1/2	- 1 1/2 - 3/4	<b>770 130 174</b>	50	50	44	<b>31</b>	<b>31</b>	<b>29</b>
V	1 1/2	- 1 1/2 - 3/4	<b>770 130 274</b>						
S	1 1/2	- 1 1/2 - 1	<b>770 130 175</b>	50	50	46	<b>31</b>	<b>31</b>	<b>29</b>
V	1 1/2	- 1 1/2 - 1	<b>770 130 275</b>						
S	1 1/2	- 1 1/2 - 1 1/4	<b>770 130 176</b>	50	50	48	<b>31</b>	<b>31</b>	<b>29</b>
V	1 1/2	- 1 1/2 - 1 1/4	<b>770 130 276</b>						
S	1 1/2	- 2 - 1 1/4	<b>770 130 178</b>	56	54	56	<b>37</b>	<b>30</b>	<b>37</b>
V	1 1/2	- 2 - 1 1/4	<b>770 130 278</b>						
S	2	- 1 1/2 - 1 1/2	<b>770 130 180</b>	38	48	38	<b>14</b>	<b>35</b>	<b>19</b>
V	2	- 1 1/2 - 1 1/2	<b>770 130 280</b>						
S	2	- 3/4 - 1 1/2	<b>770 130 182</b>	40	50	38	<b>16</b>	<b>35</b>	<b>19</b>
V	2	- 3/4 - 1 1/2	<b>770 130 282</b>						
S	2	- 1 - 1 1/2	<b>770 130 184</b>	44	52	42	<b>20</b>	<b>35</b>	<b>23</b>
V	2	- 1 - 1 1/2	<b>770 130 284</b>						
S	2	- 1 1/4 - 1 1/4	<b>770 130 186</b>	48	54	45	<b>24</b>	<b>35</b>	<b>26</b>
V	2	- 1 1/4 - 1 1/4	<b>770 130 286</b>						
S	2	- 1 1/4 - 1 1/2	<b>770 130 187</b>	48	54	46	<b>24</b>	<b>35</b>	<b>27</b>
V	2	- 1 1/4 - 1 1/2	<b>770 130 287</b>						
S	2	- 1 1/2 - 1 1/2	<b>770 130 190</b>	52	55	50	<b>28</b>	<b>36</b>	<b>31</b>
V	2	- 1 1/2 - 1 1/2	<b>770 130 290</b>						
S	2	- 2 - 1 1/2	<b>770 130 192</b>	58	58	48	<b>34</b>	<b>34</b>	<b>35</b>
V	2	- 2 - 1 1/2	<b>770 130 292</b>						
S	2	- 2 - 3/4	<b>770 130 193</b>	58	58	50	<b>34</b>	<b>34</b>	<b>35</b>
V	2	- 2 - 3/4	<b>770 130 293</b>						
S	2	- 2 - 1	<b>770 130 194</b>	58	58	52	<b>34</b>	<b>34</b>	<b>35</b>
V	2	- 2 - 1	<b>770 130 294</b>						
S	2	- 2 - 1 1/4	<b>770 130 195</b>	58	58	54	<b>34</b>	<b>34</b>	<b>35</b>
V	2	- 2 - 1 1/4	<b>770 130 295</b>						
S	2	- 2 - 1 1/2	<b>770 130 196</b>	58	58	55	<b>34</b>	<b>34</b>	<b>36</b>
V	2	- 2 - 1 1/2	<b>770 130 296</b>						
S	2 1/2	- 2 - 2	<b>770 129 119</b>	67	72	62	<b>40</b>	<b>48</b>	<b>38</b>
V	2 1/2	- 2 - 2	<b>770 129 219</b>						
V	2 1/2	- 2 1/2 - 1	<b>770 129 221</b>	71	71	71	<b>44</b>	<b>44</b>	<b>54</b>
V	2 1/2	- 2 1/2 - 1 1/2	<b>770 129 222</b>	69	69	64	<b>42</b>	<b>42</b>	<b>45</b>
V	2 1/2	- 2 1/2 - 2	<b>770 129 223</b>	73	73	68	<b>46</b>	<b>46</b>	<b>34</b>
V	3	- 2 - 2	<b>770 129 229</b>	64	73	60	<b>34</b>	<b>49</b>	<b>36</b>
S	3	- 3 - 2 ▲	<b>770 129 132</b>	78	79	72	<b>48</b>	<b>49</b>	<b>48</b>
V	3	- 3 - 2	<b>770 129 232</b>						