



product description: elbows are intended for steel pipes  
 elbows are supplied with one aluminium coupler  
 the elbows are also available for fire resistance system (see catalog Systems with maintained functionality in fire)

material: steel

temperature resistance: -60 - +250 °C

mechanical resistance: 1250 N / 5 cm

classification according to EN 61386-1 ed. 2: 44561

fire resistance system: P 90-R, E 90, PS 90

mechanical protection according to EN 50102: IK10

meets the requirements: EN 61386-1 ed.2:09, EN 61386-21:04, EN 50102, ČSN 73 0895, DIN 4102-12, STN 92 0205

storage: EN 60721-3-1



surface: EOZ - Sendzimir galvanized steel finished with powder technology, color black RAL 9005, medium corrosion resistance - group 2  
 S - Sendzimir galvanized, zinc layer 15 - 27 µm, replaces shop primer, medium corrosion resistance - group 2  
 F - after steel bar welding hot-galvanized using immersion, zinc-layer 45 µm (min. 35 µm), high corrosion resistance - group 4

item number	dn outer R (mm)	thread	R (mm)	w eight 1 pc (kg)	package (pcs)	for pipes
<b>6113_ZNM_S</b>	20,4	P13,5	80	0,15	25	6013_ZNM_S
<b>6116_ZNM_S</b>	22,5	P16	100	0,17	25	6016_ZNM_S
<b>6121_ZNM_S</b>	28,3	P21	120	0,31	20	6021_ZNM_S
<b>6129_ZNM_S</b>	37	P29	155	0,47	20	6029_ZNM_S
<b>6136_ZNM_S</b>	47	P36	185	0,92	5	6036_ZNM_S
<b>6142_ZNM_S</b>	54	P42	200	1,25	5	6042_ZNM_S
<b>6113_EOZ</b>	20,4	P13,5	80	0,15	25	6013_EOZ
<b>6116_EOZ</b>	22,5	P16	100	0,17	25	6016_EOZ
<b>6121_EOZ</b>	28,3	P21	120	0,31	20	6021_EOZ
<b>6129_EOZ</b>	37	P29	155	0,47	20	6029_EOZ
<b>6136_EOZ</b>	47	P36	185	0,92	5	6036_EOZ
<b>6142_EOZ</b>	54	P42	200	1,25	5	6042_EOZ
<b>6113_ZN_F</b>	20,4	P13,5	80	0,17	25	6013_ZN_F
<b>6116_ZN_F</b>	22,5	P16	100	0,19	25	6016_ZN_F
<b>6121_ZN_F</b>	28,3	P21	120	0,35	20	6021_ZN_F
<b>6129_ZN_F</b>	37	P29	155	0,51	20	6029_ZN_F
<b>6136_ZN_F</b>	47	P36	185	1,04	5	6036_ZN_F
<b>6142_ZN_F</b>	54	P42	200	1,43	5	6042_ZN_F