



BENDS 90°

BENDS	DN	R [mm]	d [mm]	FLANGES PN16	WEIGHT [Kg]
2"	50	750	53	100 DN	67
3"	80	750	78	125 DN	88
3"	80	1000	78	125 DN	104
4"	100	750	102	150 DN	113
4"	100	1000	102	150 DN	132
4"	100	1220	102	150 DN	150
5"	125	1000	128	200 DN	173
5"	125	1220	128	200 DN	195
6"	150	1220	153	200 DN	217
6"	150	1500	153	200 DN	249
8"	200	1220	203	250 DN	281
8"	200	1500	203	250 DN	324

STANDARD FEATURES

- Wear-resistant ceramic lining
- High purity 92% (alumina ceramic)
- 9.0 Hardness Mohs scale
- Thickness of alumina ceramic 16,5 mm
- Thickness of mild steel lining 3 mm
- Paint primer and top coat RAL 7035, grey
- Welded Flanges conform to UNI EN 1092-1 (equivalent to ASME B16.5)
- Flange, one fixed and one loose rotating

OPTIONAL FEATURES

- Fixed flanges, loose or flared
- Angle 15 °, 30 °, 45 °, 60 °, 90 °
- Possibility to run custom diameter, radius and length
- Alumina ceramic (95% ÷ 98%)

BENDS AND PIPES SUITABLE FOR CONVEYING OF ABRASIVE GRANULAR MATERIALS AND POWDERS, DESIGNED TO REDUCE DRASTICALLY WEARING.

LIFE TIME OF EACH SINGLE BEND DEPENDS BY LINING MATERIAL, APPLICATIONS AND KIND OF ABRASIVE MATERIAL TO CONVEYING AND THE USED PNEUMATIC TRASPORT TECHNOLOGY.

ALUMINA CERAMICS ARE 42% HARDER THAN CHROME CARBIDE HARDFACTING, THREE TIME HARDER THAN GLASS AND NINE TIMES HARDER THAN CARBON OR STAINLESS STEEL.

ALSO SUITABLE FOR FOOD APPLICATIONS