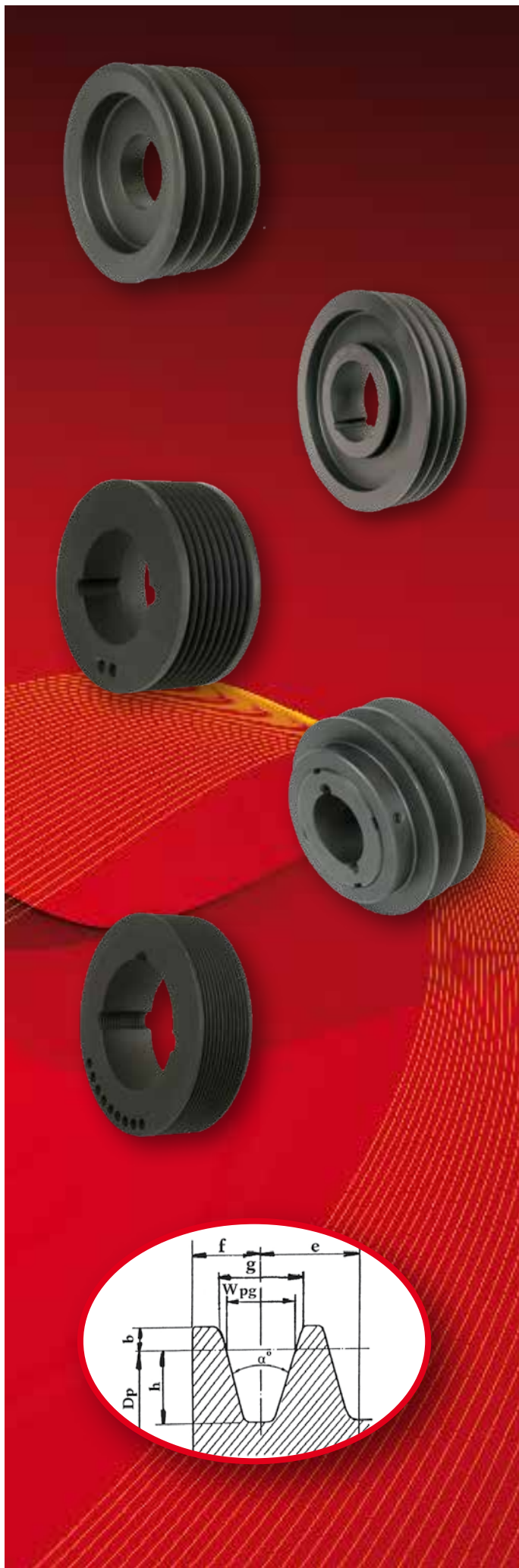




CAST- IRON V-BELT PULLEYS



All V-belt pulleys are compliant with current legislation and are made of cast iron **GG 20** with protective phosphate.

Running in normal standard, the pulleys are statically balanced and this is sufficient for peripheral speeds up to **25 m/s**.

For higher speeds is essential dynamic balancing can be provided on request.

The Chiaravalli Group SpA is able to perform, upon request, balancing pulleys with diameters up to 630, with balancing CNC, accompanying certificate of balancing performed.

Over 35 m / sec, the pulleys in cast iron are not the most suitable and it requires the use of high-strength material.

D = diameter in meters

N = number of revolutions per minute

$$V_p = \frac{\pi \cdot D \cdot n}{60} = \frac{D \cdot n}{19,1} \text{ m/sec.}$$

Dimensions shown on the dimensional tables are not binding even if they are respected as far as possible.

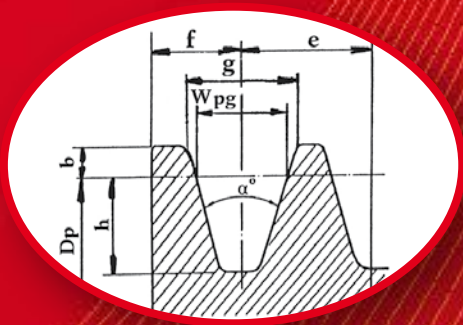
We reserve the right to make variations and modifications without prior notice.

FEATURES OF THE GORGE

PROFILE	Dp mm	α°	W pg	g	h	b mm	f	e
SPZ	< 80	34°	8,5	9,7	9	2	8	12
	> 80	38°						
SPA	< 118	34°	11	12,7	11	2,8	10	15
	> 118	38°						
SPB	< 190	34°	14	16,3	14	3,5	12,5	19
	> 190	38°						
SPC	< 315	34°	19	22,0	19	4,8	17	25,5
	> 315	38°						

BAND WIDTH

N° GROOVES	SPZ	SPA	SPB	SPC
1	16	20	25	34
2	28	35	44	59,5
3	40	50	63	85
4	52	65	82	111
5	64	80	101	136
6		95	120	162
8			158	213
10			196	264

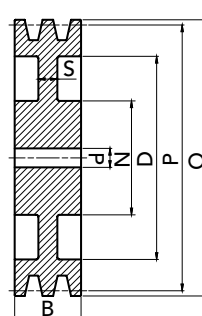
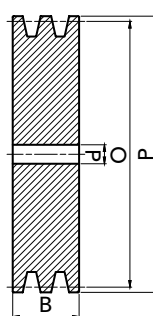
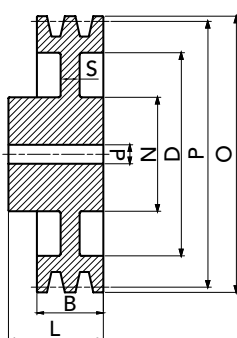


Technical drawing of a shaft-hub assembly. The drawing shows a cross-section of a hub with a central bore. The dimensions are labeled as follows: L is the total length of the hub; B is the width of the hub's base; Z is the length of the shaft-hub assembly; D is the outer diameter of the hub; C is the outer diameter of the shaft; S is the thickness of the hub's flange. A tolerance of ± 0.05 is indicated for the shaft diameter.

MATERIAL CAST-IRON



SPC/2 TYPE

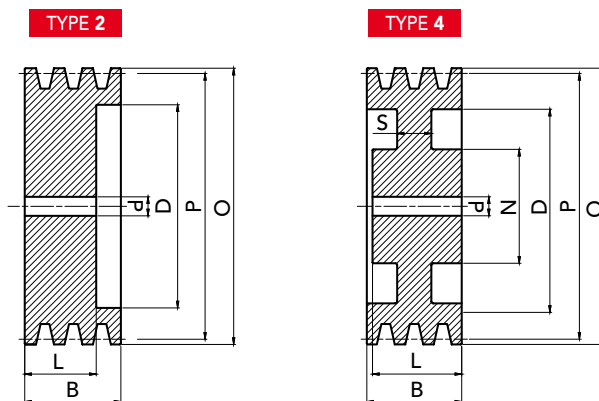


V-PULLEYS PILOT BORE

[illegible]

MATERIAL **CAST-IRON**

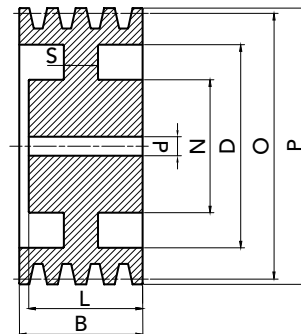
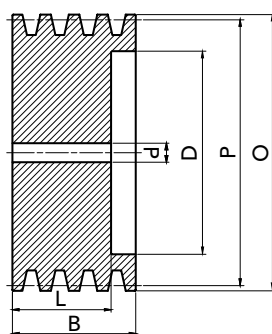
SPC/3 TYPE

[illegible]

MATERIAL **CAST-IRON**



SPC/4 TYPE



V-PULLEYS PILOT BORE

[illegible]

MATERIAL **CAST-IRON**

