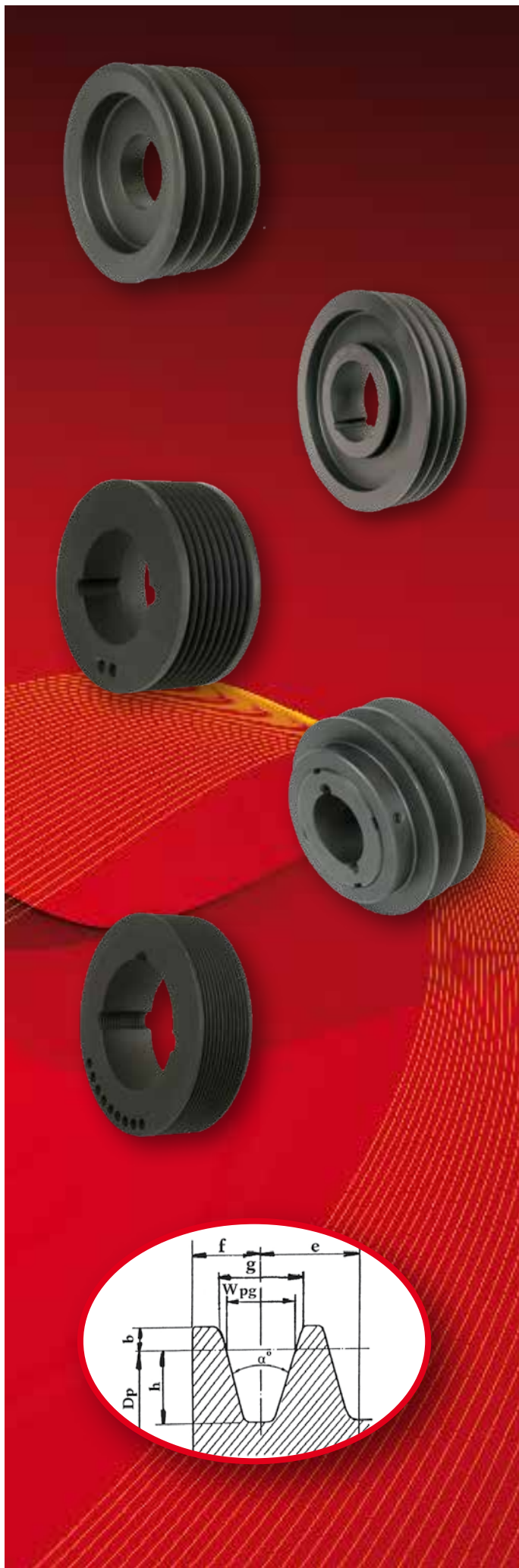




CAST- IRON V-BELT PULLEYS



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.

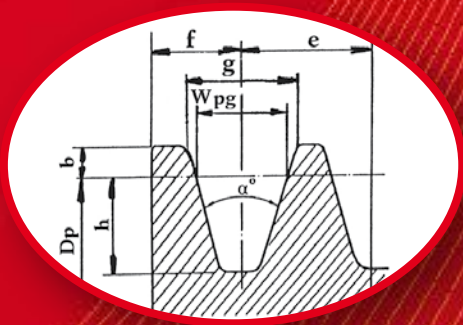
We reserve the right to make variations and modifications without prior notice.

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





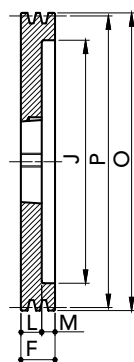
V-BELT PULLEYS for TAPER BUSHES

TAPER BUSHES

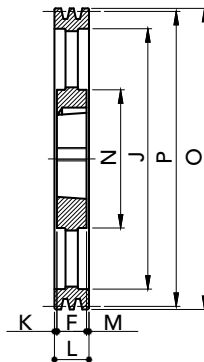
SPC/02 TYPE

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

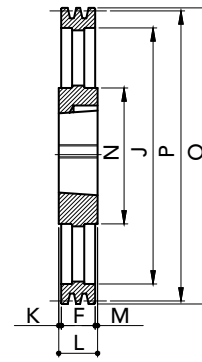
TYPE 2



TYPE 5



TYPE 4



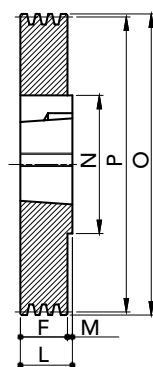
PRODUCT CODE	PRODUCT MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	WEIGHT (Kg)
91402002	SPC200-02	2	200	209,6	2	2517	60	-	59,5	144	-	45	14,5	-	8,23
91402242	SPC224-02	2	224	233,6	2	3020	75	-	59,5	168	-	51	8,5	-	10,3
91402502	SPC250-02	2	250	259,6	2	3020	75	-	59,5	194	-	51	8,5	-	13,75
91402802	SPC280-02	2	280	289,6	2	3020	75	-	59,5	224	-	51	8,5	-	21,26
91403002	SPC300-02	2	300	309,6	5	3020	75	-	59,5	244	4,25	51	4,25	144	12,9
91403152	SPC315-02	2	315	324,6	5	3020	75	-	59,5	259	4,25	51	4,25	144	13,5
91403352	SPC335-02	2	335	344,6	5	3020	75	-	59,5	279	4,25	51	4,25	144	15,42
91403552	SPC355-02	2	355	364,6	4	3535	90	-	59,5	299	14,75	89	14,75	175	23,00
91404002	SPC400-02	2	400	409,6	4	3535	90	-	59,5	344	14,75	89	14,75	175	25,00
91404502	SPC450-02	2	450	459,6	4	3535	90	-	59,5	394	14,75	89	14,75	175	27,00

MATERIAL CAST-IRON

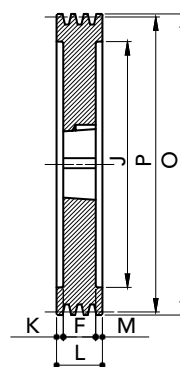
V-BELT PULLEYS for TAPER BUSHES

SPC/03 TYPE

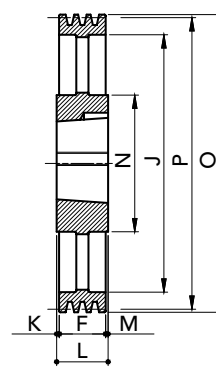
TYPE 1



TYPE 3



TYPE 4



MATERIAL CAST-IRON

V-BELT PULLEYS for TAPER BUSHES



SPC/04 TYPE

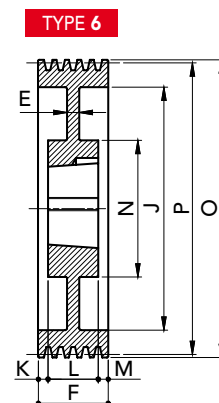
The image displays four technical drawings of vertical rods, labeled TYPE 3, TYPE 4, TYPE 5, and TYPE 6. Each drawing shows a side view with dimensions and a cross-section at the bottom.

- TYPE 3:** A vertical rod with a threaded top section of length r and a total length O . The cross-section shows a central hole with diameter F and a base with dimensions K , L , and M .
- TYPE 4:** A vertical rod with a threaded top section of length r and a total length O . It features a central hole with diameter F and a base with dimensions K , L , and M . The cross-section shows a central hole with diameter F and a base with dimensions K , L , and M .
- TYPE 5:** A vertical rod with a threaded top section of length r and a total length O . It features a central hole with diameter F and a base with dimensions K , L , and M . The cross-section shows a central hole with diameter F and a base with dimensions K , L , and M .
- TYPE 6:** A vertical rod with a threaded top section of length r and a total length O . It features a central hole with diameter F and a base with dimensions K , L , and M . The cross-section shows a central hole with diameter F and a base with dimensions K , L , and M .

V-BELT PULLEYS for TAPER BUSHES

MATERIAL CAST-IRON

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MATERIAL CAST-IRON

V-BELT PULLEYS for TAPER BUSHES



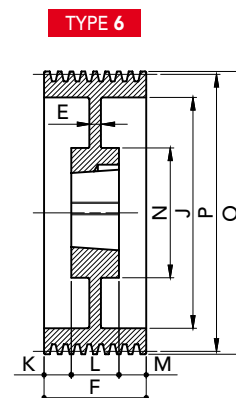
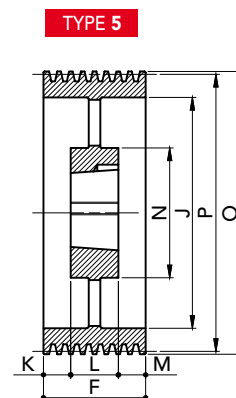
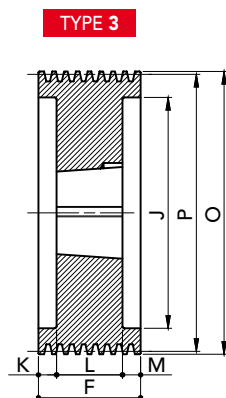
SPC/06 TYPE

[illegible]

MATERIAL CAST-IRON

V-BELT PULLEYS for TAPER BUSHES

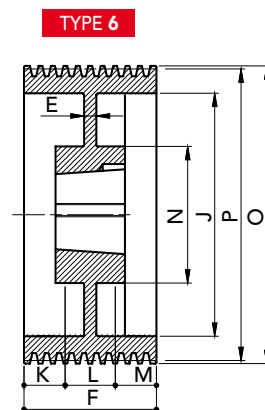
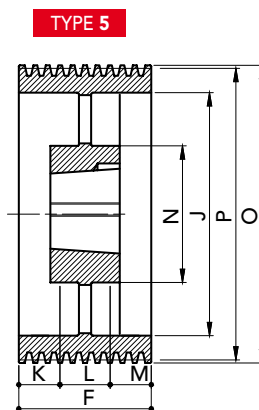
We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

[illegible]

MATERIAL CAST-IRON



SPC/10 TYPE

[illegible]

MATERIAL CAST-IRON

V-BELT PULLEYS for TAPER BUSHES