A twenty weight family by **Rian Hughes** of **Device Fonts**, based on lettering by an anonymous Soviet graphic designer from the propaganda displays at the Communist Red Square parade of 1937. Named in honour of **Sergey Pavlovich Korolyov**, or **Korolëv**.

Sergey Pavlovich Korolyov (January 12 [O.S. December 30, 1906] 1907, Zhytomyr – January 14, 1966, Moscow), was the head Soviet rocket engineer and designer during the Space Race between the United States and the Soviet Union in the 1950s and 1960s. He is considered by many as the father of practical astronautics.

A victim of Stalin's 1938 Great Purge, he was imprisoned for almost six years, including some months in a Kolyma gulag. Following his release, he became a rocket designer and a key figure in the development of the Soviet ICBM program. He was then appointed to lead the Soviet space program, made Member of Soviet Academy of Sciences, overseeing the early successes of the Sputnik and Vostok projects. By the time he died unexpectedly in 1966, his plans to compete with the United States to be the first nation to land a man on the Moon had begun to be implemented.

Before his death he was often referred to only as "Chief Designer", because his name and his pivotal role in the Soviet space program had been held to be a state secret by the Politburo. Only many years later was he publicly acknowledged as the lead man behind Soviet success in space.



Above Image placed in "Not equal" glyph slot

Korolev Korolev

# WORKERS OF THE WORLD, UNITE!

Top Sergey Pavlovich Korolyov

#### **SOURCE MATERIAL**

Middle

photogrpahs of the May Day Parade, Red Square 1937

Bottom right

Stills from Pathe News newsreel film, showing the type in several languages

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Тор

Highest resolution source discovered photograph by Alexander Rodchenko, 1937

**Bottom** 

#### Work in progress

Tracings done in Illustrator over Rodchenko's photograph pinned down the basic character shapes. These were then imported into FontLab, where the full glyph complement was developed. This became the **heavy** weight of the family. Next, a thin version was designed, and a five weight family which includes **bold**, **medium** and light developed from these two extreme weights.

This was then augmented by a *true italic*, again in five weights, and later condensed and compressed five-weight familes were added, keeping to the original geometric construction.

Some imagination was required to construct the letters for which no model was available. The lower case adheres as far as possible to the structural logic of the upper, and ascenders extend above the cap height for clarity in letter combinations such as in "Illustrate". The excamation mark was reduced in height to match the capitals. The strokes of the W are not quite parallel in the original, and this creates an awkward dark area at the top of the central apex. It was decided that the W should be redesigned to make the strokes parallel for a more even 'colour'. The low bowl on the R and the P was kept, as though unusual it adds a definite character to the font. There is a small crossbar on the K that was taken through to the lower case k. The capital G appears to have no 'spur', though the best image is very blurry and it's hard to be sure. The 3 has the round top, to better match the Russian, and the rest of the numbers follow from the capital construction. The comma has been enlarged and straightened but keeps the original parallelogram shape.





Character set

Full CE language support

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# ABCDEFGHIJKLMNOPQRSTUVWXYZ aabcdeffiflghijklmnopqrstuvwxyz 1234567890

ÆÁÀÄÄÄÄÄÄÄÄÄÖÇĈČĊÐĎDÉÈÊËĔĒĒĘĖFĜĞĠĢĤĦĺĬĨĨĬĬĬĮĴ ĶĹĽĻĿŁMŃŇŇŊŊŒÓÒÔÖŐŐŐŐÞÞŔŘŖŚŜŠŚŞŞŤŤŢŦÚÙ ÛÜŨŮŬŪŰŲWWWŴÝŶŶŸŹŽŻœáàâäãåāäqbćĉčçċďďdð éèêëĕēeęefĝġġĥħıſĨĨĨĨĬijķĸĺľļŀŀmńňňŋŋœóòôöőŏőő þpŕřŗśŝšsşşßťťţŧúùûüűůŭūűųwwŵÿŷŷÿźžż

## Korolev TM

Family structure

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$\triangle$ 01	A01	Aal	A01	Thin
Aa1	Aa1	Aa1	Aa1	Light
Aa1	Aa1	Aa1	Aa1	Medium
Aa1	Aa1	Aa1	Aa1	Bold
Aa1	Aa1	Aa1	Aa1	Heavy
Regular	Italic	Condensed	Compressed	

Available weights/styles

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Korolev Thin
Korolev Light
Korolev Medium
Korolev Bold
Korolev Heavy

Korolev Thin Italic
Korolev Light Italic
Korolev Medium Italic
Korolev Bold Italic
Korolev Heavy Italic

Korolev Thin Condensed
Korolev Light Condensed
Korolev Medium Condensed
Korolev Bold Condensed
Korolev Heavy Condensed

Korolev Thin Compressed
Korolev Light Compressed
Korolev Medium Compressed
Korolev Bold Compressed
Korolev Heavy Compressed

Alternate 'a' available in all weights and styles

Korolyov now turned his attention to reaching the Moon. A modified version of the R-7 launch vehicle would be used, with a new upper stage. The engine for this final stage was the first designed to be fired in outer space. Korolyov now turned his attention to reaching the Moon. A modified version of the R-7 launch vehicle would be used, with a new upper stage. The engine for this final stage was the first designed to be fired in outer space. Korolyov now turned his attention to reaching the Moon. A modified version of the R-7 launch vehicle would be used, with a new upper stage. The engine for this final stage was the first designed to be fired in outer space. Korolyov now turned his attention to reaching the Moon. A modified version of the R-7 launch vehicle would be used, with a new upper stage. The engine for this final stage was the first designed to be fired in outer space. Korolyov now turned his attention to reaching the Moon. A modified version of the R-7 launch vehicle would be used, with a new upper stage. The engine for this final stage was the first designed to be fired in outer space.

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