

VERSION 2.1

AUGUST 31, 2025

The unofficial
isosigns
package

[Link ↗](#)

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The isosigns package

Manual for version 2.1

<https://www.ctan.org/pkg/isosigns>

<https://github.com/BenSt099/isosigns>

Abstract

This is the official documentation of the package **isosigns**. It provides ISO colors and signs according to the ISO standards 3864, 7001 and 7010. These standards can be used to create instructions for chemical or physical experiments.



ATTENTION! This is NOT an official package from the ISO (International Organization for Standardization). All signs are taken from Wikipedia.

1 Installation

The package is included in T_EXLive and MikT_EX. You can also install it via the package managers that are included in your distribution. If you would like to install it manually, please download the package from GitHub (<https://github.com/BenSt099/isosigns/releases>). After that, please unzip the package and put it into the directory, where your distribution puts its packages, e.g. for T_EXLive 2024 (Windows) you would put the package into this folder:

```
C:\texlive\2024\texmf-dist\tex\latex\
```

After this step, there should be a folder with path:

```
C:\texlive\2024\texmf-dist\tex\latex\isosigns\
```

in which the two files

```
isosigns.sty
isosigns_complete.pdf
```

and several folders should reside. After that, you have to update the name database. Depending on your distribution, this could be achieved with e.g.: `mktexlsr`. You can verify your installation by trying it out.

2 Loading the package & Dependencies






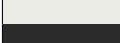

You can load the package with the following command in the preamble:

```
\usepackage{isosigns}
```

This package has the following dependencies: `graphicx`

3 ISO Colors (standard 3864)

Seven colors are defined which are also used to create the signs:

Name	Colors	Hex
Caution		#F9A800
Warning		#D05D29
Prohibition		#9B2423
Mandatory		#005387
Rescue		#237F52
Backgrounds		#ECECE7
Symbol		#2B2B2C

How to use:

```
{\color{Mandatory} \textbf{Text with Mandatory color.}}
```

Text with Mandatory color.

4 Usage

This section deals with the construction of signs. Every sign has a number that is highlighted in red in the tables below. The sign CV003 e.g. has the number **1**. You can use the following command to include the sign in your pdf:

```
\Isosign[<Optional>]{<Number>}
```

The command behaves like `includegraphics`. Therefore, if you wish to change angle, scale or other parameters, use `<>`. Below is an example:

```
%% Example file
\documentclass{article}

\usepackage{isosigns}

\begin{document}

\Isosign{14}

\Isosign[scale=1.2,angle=90]{29}

\end{document}
```

5 ISO Signs (standard 7010)

NOTE: For more information about the signs and standards, take a look at https://en.wikipedia.org/wiki/ISO_7010.



CV003

-1-



CV004

-2-



CV009

-3-



CV010

-4-



CV011

-5-



CV012

-6-



CV013

-7-



CV027

-8-



CV028

-9-



CV029

-10-



CV064

-11-



CV067

-12-



E001

-13-



E002

-14-



E003

-15-



E004

-16-



E007

-17-



E008

-18-



E007

-19-



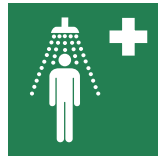
E008

-20-



E009

-21-



E010

-22-



E011

-23-



E012

-24-



E013

-25-



E014

-26-



E015

-27-



E016

-28-



E017

-29-



E018

-30-



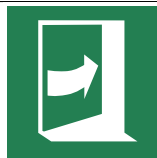
E019

-31-



E020

-32-



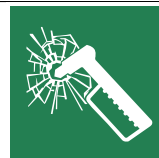
E021

-33-



E022

-34-



E023

-35-



E024

-36-



E025

-37-



E026

-38-



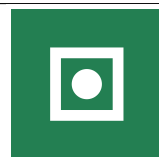
E027

-39-



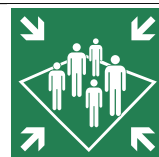
E028

-40-



E029

-41-



E030

-42-



E031

-43-



E032

-44-



E033

-45-



E034

-46-



E035

-47-



E036

-48-



E037

-49-



E038

-50-



E039

-51-



E040

-52-



E041

-53-



E042

-54-



E043

-55-



E044

-56-



E045

-57-



E046

-58-



E047

-59-



E048

-60-



E049

-61-



E050

-62-



E051

-63-



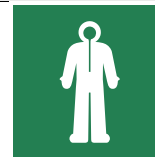
E052

-64-



E053

-65-



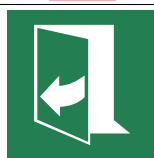
E054

-66-



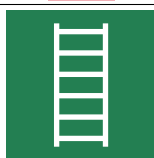
E055

-67-



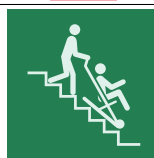
E056

-68-



E057

-69-



E058

-70-



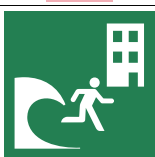
E059

-71-



E060

-72-



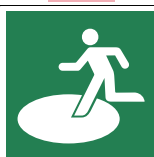
E061

-73-



E062

-74-



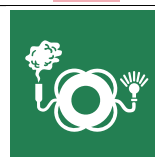
E063

-75-



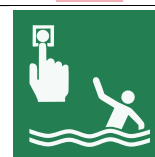
E064

-76-



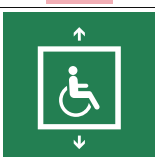
E065

-77-



E067

-78-



E068

-79-



F001

-80-



F002

-81-



F003

-82-



F004

-83-



F005

-84-



F006

-85-



F007

-86-



F008

-87-



F009

-88-



F010

-89-



F011

-90-



F012

-91-



F013

-92-



F014

-93-



F015

-94-



F016

-95-



F017

-96-



F018

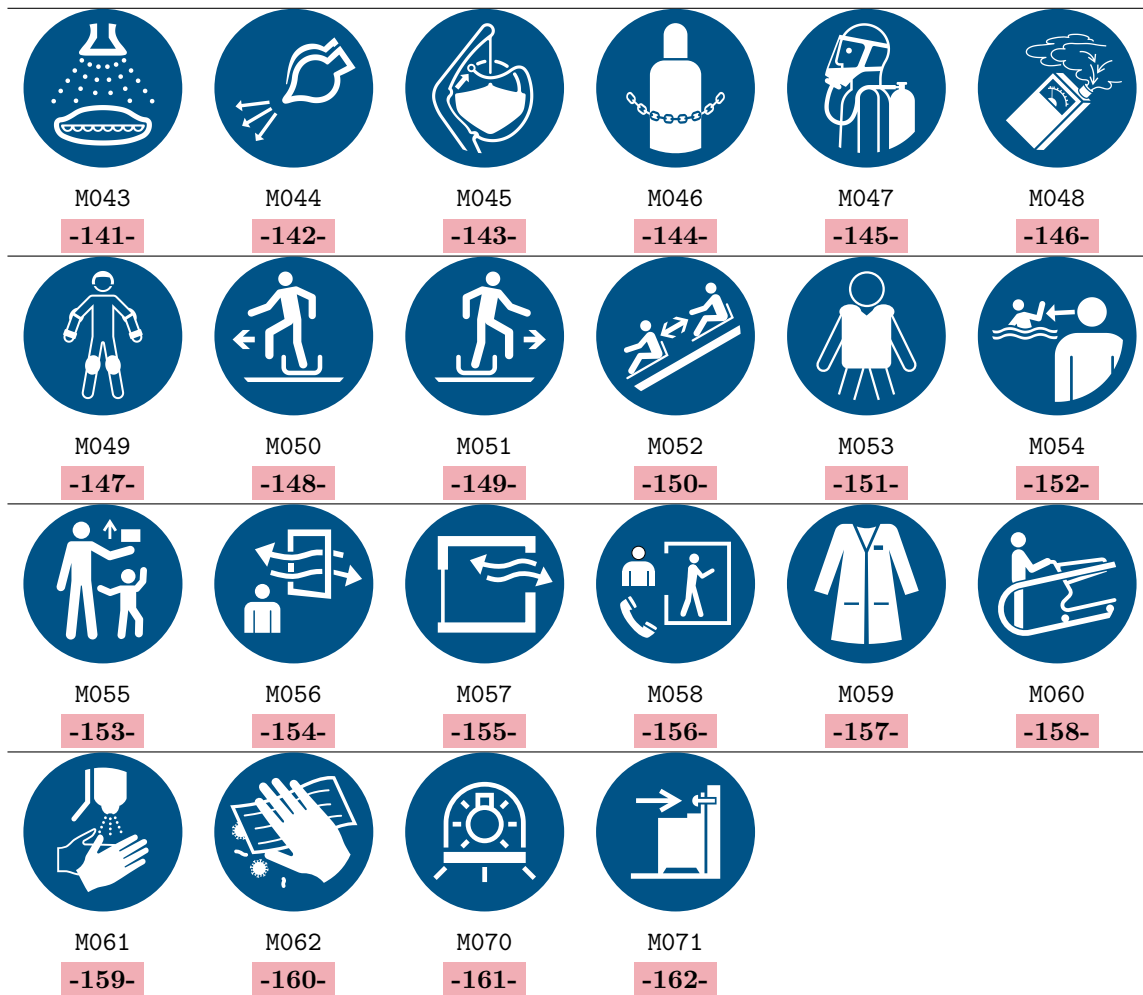
-97-



F019

-98-

					
M001 -99-	M002 -100-	M003 -101-	M004 -102-	M005 -103-	M006 -104-
					
M007 -105-	M008 -106-	M009 -107-	M010 -108-	M011 -109-	M012 -110-
					
M013 -111-	M014 -112-	M015 -113-	M016 -114-	M017 -115-	M018 -116-
					
M019 -117-	M020 -118-	M021 -119-	M022 -120-	M023 -121-	M024 -122-
					
M025 -123-	M026 -124-	M027 -125-	M028 -126-	M029 -127-	M030 -128-
					
M031 -129-	M032 -130-	M033 -131-	M034 -132-	M035 -133-	M036 -134-
					
M037 -135-	M038 -136-	M039 -137-	M040 -138-	M041 -139-	M042 -140-





P001

-163-



P002

-164-



P003

-165-



P004

-166-



P005

-167-



P006

-168-



P007

-169-



P008

-170-



P009

-171-



P010

-172-



P011

-173-



P012

-174-



P013

-175-



P014

-176-



P015

-177-



P016

-178-



P017

-179-



P018

-180-



P019

-181-



P020

-182-



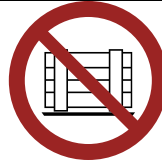
P021

-183-



P022

-184-



P023

-185-



P024

-186-



P025

-187-



P026

-188-



P027

-189-



P028

-190-



P029

-191-



P030

-192-



P031

-193-



P032

-194-



P033

-195-



P034

-196-



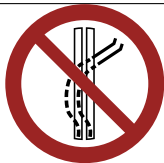
P035

-197-



P036

-198-



P037

-199-



P038

-200-



P039

-201-



P040

-202-



P041






















































-203-
































P042

-204-


























					
W001 -239-	W002 -240-	W003 -241-	W004 -242-	W005 -243-	W006 -244-
					
W007 -245-	W008 -246-	W009 -247-	W010 -248-	W011 -249-	W012 -250-
					
W013 -251-	W014 -252-	W015 -253-	W016 -254-	W017 -255-	W018 -256-
					
W019 -257-	W020 -258-	W021 -259-	W022 -260-	W023 -261-	W024 -262-
					
W025 -263-	W026 -264-	W027 -265-	W028 -266-	W029 -267-	W030 -268-
					
W031 -269-	W032 -270-	W033 -271-	W034 -272-	W035 -273-	W036 -274-
					
W037 -275-	W038 -276-	W039 -277-	W040 -278-	W041 -279-	W042 -280-
					
W043 -281-	W044 -282-	W045 -283-	W046 -284-	W047 -285-	W048 -286-
					
W049 -287-	W050 -288-	W051 -289-	W052 -290-	W053 -291-	W054 -292-

					
W055 -293-	W056 -294-	W057 -295-	W058 -296-	W059 -297-	W060 -298-
					
W061 -299-	W062 -300-	W063 -301-	W064 -302-	W065 -303-	W066 -304-
					
W067 -305-	W068 -306-	W069 -307-	W070 -308-	W071 -309-	W072 -310-
					
W073 -311-	W074 -312-	W075 -313-	W076 -314-	W077 -315-	W078 -316-
					
W079 -317-	W080 -318-	W087 -319-	W088 -320-	W089 -321-	

6 ISO Signs (standard 7001)

NOTE: For more information about the signs and standards, take a look at https://en.wikipedia.org/wiki/ISO_7001.

					
AC001 -322-	AC002 -323-	AC003 -324-	AC004 -325-	AC005 -326-	AC006 -327-
					
AC007 -328-	AC008 -329-	AC009 -330-	AC010 -331-	AC011 -332-	AC012 -333-
					
AC013 -334-	AC014 -335-	AC015 -336-	AC016 -337-	AC017 -338-	AC018 -339-
					
AC019 -340-	AC020 -341-	AC021 -342-	AC022 -343-	AC023 -344-	



BP001
-345-



BP002
-346-



BP003
-347-



BP004
-348-



BP005
-349-



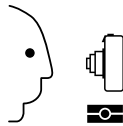
BP006
-350-



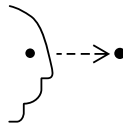
BP007
-351-



BP008
-352-



BP009
-353-



BP010
-354-



BP011
-355-



BP012
-356-



BP013
-357-



BP014
-358-



BP015
-359-



BP016
-360-







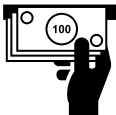
















BP017
-361-






BP018
-362-



BP019
-363-

					
CF001 -364-	CF002 -365-	CF003 -366-	CF004 -367-	CF005 -368-	CF006 -369-
					
CF007 -370-	CF008 -371-	CF009 -372-	CF010 -373-	CF011 -374-	CF012 -375-
					
CF014 -376-	CF015 -377-	CF016 -378-	CF017 -379-	CF018 -380-	CF019 -381-
					
CF020 -382-	CF021 -383-	CF022 -384-			

					
PF001 -385-	PF002 -386-	PF003 -387-	PF004 -388-	PF005 -389-	PF007 -390-
					
PF008 -391-	PF009 -392-	PF010 -393-	PF011 -394-	PF012 -395-	PF013 -396-
					
PF014 -397-	PF015 -398-	PF016 -399-	PF017 -400-	PF018 -401-	PF019 -402-
					
PF020 -403-	PF021 -404-	PF023 -405-	PF024 -406-	PF025 -407-	PF026 -408-
					
PF027 -409-	PF028 -410-	PF029 -411-	PF030 -412-	PF032 -413-	PF033 -414-
					
PF034 -415-	PF036 -416-	PF037 -417-	PF043 -418-	PF044 -419-	PF050 -420-
					
PF054 -421-	PF062 -422-	PF063 -423-	PF064 -424-	PF065 -425-	PF066 -426-



PF067

-427-



PF068

-428-



PF069

-429-



PF070

-430-



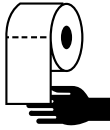
PF074

-431-



PF075

-432-



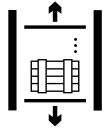
PF076

-433-



PF077

-434-



PF078

-435-



PF079

-436-



PF080

-437-



PF081

-438-



PF082

-439-



SA001

-440-



SA002

-441-









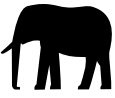




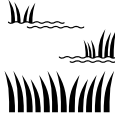






SA003











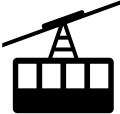


























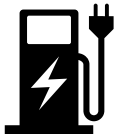
-442-



SA004

-443-

					
TC001 -444-	TC002 -445-	TC003 -446-	TC004 -447-	TC005 -448-	TC006 -449-
					
TC007 -450-	TC008 -451-	TC009 -452-	TC010 -453-	TC011 -454-	TC012 -455-
					
TC013 -456-	TC014 -457-	TC015 -458-	TC016 -459-	TC017 -460-	TC018 -461-

					
TF001 -462-	TF002 -463-	TF003 -464-	TF004 -465-	TF005 -466-	TF006 -467-
					
TF007 -468-	TF008 -469-	TF009 -470-	TF010 -471-	TF011 -472-	TF012 -473-
					
TF013 -474-	TF014 -475-	TF015 -476-	TF016 -477-	TF017 -478-	TF018 -479-
					
TF019 -480-	TF020 -481-	TF021 -482-	TF027 -483-	TF028 -484-	TF029 -485-
					
TF030 -486-	TF031 -487-	TF032 -488-	TF033 -489-	TF034 -490-	TF035 -491-
					
TF036 -492-	TF037 -493-	TF038 -494-	TF039 -495-	TF040 -496-	TF042 -497-
					
TF043 -498-	TF044 -499-				

7 Other Information

For reference, here are two tables that give an overview of how the signs are categorised.

7.1 ISO 7010

Category	Letter(s)	Numbers
Safe condition	E	(001 - 004, 007 - 070)
Crescent variant	CV	(003, 004, 009, 010, 011, 012, 013, 027, 028, 029, 064, 067)
Fire Protection	F	(001 - 019)
Mandatory	M	(001 - 062, 070, 071)
Prohibition	P	(001 - 075, 081)
Warning	W	(001 - 080, 087 - 089)

7.2 ISO 7001

Category	Letter(s)	Numbers
Accessibility	AC	(001 - 023)
Public facilities	PF	(001 - 005, 007 - 021, 023 - 030, 032 - 034, 036, 037, 043, 044, 050, 054, 062 - 070, 074 - 082)
Transportation facilities	TF	(001 - 021, 027 - 040, 042 - 044)
Behaviour of the public	BP	(001 - 019)
Commercial facilities	CF	(001 - 012, 014 - 022)
Tourism, culture and heritage	TC	(001 - 018)
Sporting activities	SA	(001 - 004)