



# Profiles in PreDim Euro 2009

## Standard steel profiles inclusive fire resistance calculation

- I/IPN DIN 1025-1
- IPE EN 100-600 DIN 1025-5
- IPEo EN 100-180
- IPEv EN 400-600
- IPES EN 750
- IPBI/HE-A EN 100-1000 DIN 1025-3
- IPB/HE-B EN 100-1000 DIN 1025-2
- IPBv/HE-M EN 100-1000 DIN 1025-4
- IPBS EN 100-1000
- U EN 100-400 DIN 1026-1
- L DIN 1028 10/1976 EN 56 partly
- L without standard
- Z DIN 1027 10/1963
- T DIN 1024 03/1982
- Hollow square supporting beam DIN 59410 05/1974
- Hollow rectangular supporting beam DIN 59410 05/1974
- Hollow tube (pipe) DIN 2448/2458 02/1981
- Hollow tube (pipe) DIN 2448 02/1981
- Hollow tube (pipe) DIN 2458 02/1981
- Hollow tube (pipe) DIN 2440/2441 07/1978
- Full square supporting beam DIN 1014-1 07/1978 EN 59 '78
- Full tube DIN 1013-1 11/1976 EN 60 '77

- Hollow square supporting beam DIN 59411 07/1978
- Hollow rectangular supporting beam DIN 59411 07/1978
- 1/2 I/IPN DIN 1025-1
- 1/2 I/PE DIN 1025-2
- 1/2 IPB/HE-B DIN 1025-2
- 1/2 IPBI/HE-A DIN 1025-3
- 1/2 IPBv/HE-M DIN 1025-4
- TB DIN 1024 03/1982
- TPS DIN 59051 08/1981
- LS DIN 10/1963'),
- Steel bar DIN 1017-1 04/1967
- Large steel bar DIN 59200 10/1965 EN 91 mainly
- U without standard
- C without standard

## Standard wood profiles inclusive fire resistance calculation

- Square timber sTs sTs 04 (second part) 10/1990 SAS
- Wood flooring
- Glued laminated timber
- Square timber DIN S10/MS10 DIN 4070-1/2, DIN 4074-1
- Round timber without standard
- Glued laminated timber DIN DIN 1052
- Wood without standard
- Square timber without standard
- Column Lignea

## Standard reinforced concrete profiles inclusive fire resistance calculation

- Reinforced concrete
- Reinforced concrete roundly

## Standard aluminium profiles inclusive fire resistance calculation

- Aluminium bar AlMgSi F22, DIN EN 573/755
- Aluminium square pipe AlMgSi F22, EN 573 DIN 1748
- Aluminium beam U AlMgSi F22, EN 573 DIN 1748
- Aluminium beam L AlMgSi F22, EN 573 DIN 1748

- Aluminium tube (pipe) AlMgSi F22, DIN EN 573/755
- Aluminium plain tube AlMgSi F22, DIN EN 573/755
- Aluminium beam T AlMgSi F22, EN 573 DIN 1748
- Aluminium beam Z AlMgSi F22, EN 573 DIN 1748
- Aluminium beam I AlMgSi F22, EN 573 DIN 1748

### Special steel package inclusive fire resistance calculation

- I/IPN W-Shapes DIN 1025-1 W-Shapes 6-44 ASTM A6/A6M
- IPE W-Shapes EN 100-600 DIN 1025-5 W-Shapes 6-44 ASTM A6/A6M
- IPEo W-Shapes EN 100-180 W-Shapes 6-44 ASTM A6/A6M
- IPEv W-Shapes EN 400-600 W-Shapes 6-44 ASTM A6/A6M
- IPES W-Shapes EN 750 W-Shapes 6-44 ASTM A6/A6M
- IPBI/HE-A W-Shapes EN 100-1000 DIN 1025-3 W-Shapes 6-44 ASTM A6/A6M
- IPB/HE-B W-Shapes EN 100-1000 DIN 1025-2 W-Shapes 6-44 ASTM A6/A6M
- IPBv/HE-M W-Shapes EN 100-1000 DIN 1025-4 W-Shapes 6-44 ASTM A6/A6M
- IPBS W-Shapes EN 100-1000 W-Shapes 6-44 ASTM A6/A6M
- HD DIN 1034
- HE-AA EN 100-1000
- HL EN 1000-1100
- HP ASTM A6/A6M
- IPEa EN 100-600 DIN 1025-5
- IPEaa EN 100-600 DIN 1025-5
- IPEr EN 750
- HD W-Shapes DIN 1034 W-Shapes 6-44 ASTM A6/A6M
- HE-AA W-Shapes EN 100-1000 W-Shapes 6-44 ASTM A6/A6M
- HL W-Shapes EN 1000-1100 W-Shapes 6-44 ASTM A6/A6M
- HP W-Shapes ASTM A6/A6M W-Shapes 6-44 ASTM A6/A6M
- IPEa W-Shapes EN 100-600 DIN 1025-5 W-Shapes 6-44 ASTM A6/A6M

- IPEaa W-Shapes EN 100-600 DIN 1025-5 W-Shapes 6-44 ASTM A6/A6M
- IPEr W-Shapes EN 750 W-Shapes 6-44 ASTM A6/A6M
- UAP without standard
- UPE EN 80-400 DIN 1026-2
- Trapeze-shaped steel sheet
- IFB type a
- IFB type b
- SFB on basis of European profiles
- SFB on basis of British profiles
- THQ right-angled
- THQ diagonally

### Special aluminium package inclusive fire resistance calculation

- Alu roller tube (pipe)
- Alu pneumatic cylinder tube
- Trapeze-shaped aluminium sheet

### Special wood package inclusive fire resistance calculation

- Column glued laminated timber
- Tube glued laminated timber
- Bamboo