

Pterocarpus indicus	G
Pterocarpus soyauxii	F
Pterygota bequaertii	A
Quercus cerris	E
Quercus delegatensis	C
Quercus gigantea	C
Quercus robur	A
Quercus spp	A
Ricinodendron heudelottii	F
Sarcocephalus diderrichii	H
Scottellia coriacea	E
Sequoia sempervirens	B
Shorea smithiana	C
Shorea spp	B
Sterculia rhinopetala	A
Swietenia candollei	A
Swietenia mahogani	B
Syncarpia glomulifera	C
Syncarpia laurifolia	C
Tarrietia utilis	C
Taxus baccata	C
Tectona grandis	F
Terminalia superba	A
Thuja plicata	C
Thujopsis dolabrata	J
Tieghamella heckelii	B
Tilia americana	G
Tilia vulgaris	E
Triplohiton scleroxylon	G
Tsuga heterophylla	C
Ulmus americana	E
Ulmus procera	E
Ulmus thomasii	E
Xylia dolabriformis	E
Zelkova serrata	B

NOTES

Protimeter Mini, Surveymaster and MMS instruments display Standard Scale A. Protimeter Timbermaster displays all scales.

The calibration data in this table are based on standard tests by oven-drying of commercial samples of the various wood species, between 7% and fibre saturation. Above fibre saturation point (25%-30%) readings are approximate only and generally apply to wood that has dried and been re-wetted.

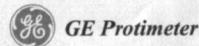
The instrument is calibrated for wood at 20°C (68°F). If the temperature of the wood varies by more than 5°C, the meter reading can be corrected approximately by adding ½% for every 5°C below 20°C or subtracting ½% for every 5°C above 20°C.

Readings higher by 1%-2% may be obtained where wood has been impregnated with a water-borne preservative.

High readings obtained with some ply-woods of peculiar composition must be treated with caution.

Std Scale A	Species Group								Chip-board
	B	C	E	F	G	H	J		
	%H ₂ O								
7	8.2	9.0	8.0	7.1	7.0	11.0	10.5	-	
8	10.0	10.5	9.3	7.5	7.4	11.5	11.0	-	
9	10.8	10.9	9.7	7.9	8.1	12.1	11.6	8.5	
10	11.7	11.5	10.4	8.6	8.8	12.7	12.2	9.4	
11	12.7	12.6	11.3	9.5	9.7	13.4	13.4	10.5	
12	13.6	13.7	12.1	10.5	10.5	14.0	14.3	11.5	
13	14.5	14.5	12.7	11.2	11.2	14.5	15.1	12.5	
14	15.3	15.5	13.4	11.8	11.8	15.0	16.0	13.5	
15	16.3	16.7	14.1	12.5	12.6	15.6	17.0	14.4	
16	16.9	17.5	14.8	13.0	13.2	16.0	17.7	14.9	
17	17.7	18.8	15.7	14.3	13.9	16.6	18.5	15.3	
18	18.2	19.7	16.3	15.0	14.5	17.0	19.1	16.1	
19	19.0	21.0	16.9	15.9	15.2	17.6	20.0	16.7	
20	20.0	22.6	17.8	16.9	16.1	18.4	21.3	17.2	
21	20.8	23.5	18.5	17.6	16.8	19.1	22.3	18.3	
22	21.5	24.5	19.3	18.3	17.4	19.7	23.2	19.1	
23	22.9	26.4	20.2	19.8	18.6	21.2	25.3	19.9	
24	23.5	27.4	20.8	20.4	19.0	22.0	25.8	20.5	
25	24.2	27.8	21.2	21.0	19.4	22.7	26.3	≈ 23	
26	25.3	29.0	22.4	22.3	20.1	23.9	27.3	-	
27	26.5	-	23.3	23.4	20.8	24.7	28.1	-	
28	28.0	-	24.4	24.8	21.7	25.9	-	-	
29	29.6	-	25.6	26.3	22.9	27.1	-	-	

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Calibration Tables for Wood Holztzarten – Tabelle Table d'étalonnage des essences de bois

Timber Species Group Table

Common names of timbers as
BS888 & 589:1973

Abura	E
Afara	A
Aformosa	G
Afzelia	E
Agba	J
Amboyna	G
Ash, American	B
Ash, European	A
Ash, Japanese	A
Ayan	C
Baguacu, Brazilian	F
Balsa	A
Banga Wangra	A
Basswood	G
Beech, European	C
Berlina	B
Binvang	E
Birch, European	J
Birch, Yellow	A
Bisselon	E
Bitterwood	F
Blackbutt	C
Bosquiea	A
Boxwood, Maracaibo	A
Camphorwood, E African	C
Canarium, African	B
Cedar, Japanese	B
Cedar, West Indian	J
Cedar, Western Red	C
Cherry, European	J
Chestnut	C
Coachwood	G
Cordia, American Light	F
Cypress, E African	A
Cypress, Japanese (8-18%mc)	J
Cypress, Japanese (18-28%mc)	C
Dahoma	
Danta	
Douglas Fir	
Elm, Japanese Grey Bark	
Elm, English	
Elm, Rock	
Elm, White	
Empress Tree	
Erimado	
Fir, Douglas	
Fir, Grand	
Fir, Noble	
Gegu, Nohor	
Greenheart	
Guarea, Black	
Guarea, White	
Gum, American Red	
Gum, Saligna	
Gum, Southern	
Gum, Spotted	
Gurjun	
Hemlock, Western	
Hiba	
Hickory	
Hyedunani	
Iroko	
Ironbank	
Jarrah	
Jelutong	
Kapur	
Karri	
Kauri, New Zealand	
Kauri, Queensland	
Keruing	
Kuroka	
Larch, European	
Larch, Japanese	
Larch, Western	
Lime	
Loliondo	
Mahogany, African	
Mahogany, West Indian	
Makore	
Mansonia	
Maple, Pacific	
Maple, Queensland	
Maple, Rock	
Maple, Sugar	
Matai	
Meranti, Red (dark/light)	
Meranti, White	
Merbau	
Missanda	
Muhuhi	
Muninga	

Musine	J	Silky Oak, African	C	Carya glabra	F	Juglans nigra	A
Musizi	J	Silky Oak, Australian	C	Cassipourea elliotii	F	Juglans regia	C
Myrtle, Tasmanian	A	Spruce, Japanese (8-18%mc)	J	Cassipourea melanosana	F	Khaya senegalensis	E
Naingon	C	Spruce, Japanese (18-28%mc)	C	Castanea sutiva	C	Khaya ivorensis	J
Oak, American Red	A	Spruce, Norway (European)	C	Cedrela odorata	J	Larix decidua	C
Oak, American White	A	Spruce, Sitka	C	Ceratopetalum apetala	G	Larix kaempferi	C
Oak, European	A	Stringybark, Messmate	C	Chamaecyparis spp (8-18%mc)	J	Larix leptolepis	C
Oak, Japanese	A	Stringybark, Yellow	C	Chamaecyparis spp (18-28%mc)	C	Larix occidentalis	F
Oak, Tasmanian	C	Sterculia, Brown	A	Chlorophora excelsa	F	Liquidambar styraciflua	A
Oak, Turkey	E	Sycamore	F	Cordia alliodora	F	Lovoa klaineana	J
Obeche	G	Tallowwood	A	Croton megalocarpus	J	Lovoa trichiloides	J
Odoko	E	Teak	F	Cryptomelia japonica	B	Maesopsis eminii	J
Okwen	B	Totara	E	Cupressus spp	A	Mansonia altissima	B
Olive, E African	B	Turpentine	C	Dacrydium franklinii	B	Millettia stuhimannii	A
Olivillo	G	Utile	J	Dalbergia latifolia	A	Mimusops heckelii	B
Opepe	H	Walnut, African	J	Diospyros virginiana	G	Mitragyna ciliata	E
Padang	A	Walnut, American	A	Dipterocarpus (Keruing)	F	Nauclea diderrichii	H
Padauk, African	F	Walnut, European	C	Dipterocarpus zeylanicus	A	Nesogordonia papaverifera	C
Panga Panga	A	Walnut, New Guinea	B	Distemonanthus benthamianus	C	Nothofagus cunninghamii	A
Persimmon	G	Walnut, Queensland	C	Dracontomelium mangiferum	B	Ochroma lagopus	A
Pillarwood	F	Wawa	G	Dryobalanops spp	A	Ochroma pyramidalis	A
Pine, American Long Leaf	C	Wandoo	J	Dyera costulata	C	Ocotea rodiaei	C
Pine, American Pitch	C	Whitewood	C	Entandrophragma angolense	H	Ocotea usambarensis	C
Pine, Bunya	B	Yew	C	Entandrophragma cylindricum	C	Octomeles sumatrana	E
Pine, Caribbean Pitch	C			Entandrophragma utile	J	Olea hochstetteri	B
Pine, Corsican	C	Botanical Names of Timbers		Endiandra palmerstoni	C	Olea welwitschii	C
Pine, Hoop	C	Abies alba	B	Erythrophleum spp	C	Palaquium spp	A
Pine, Huon	B	Abies grandis	A	Eucalyptus acmenicoides	C	Paulownia tomentosa	J
Pine, Japanese Black	B	Abies procera	J	Eucalyptus crebra	B	Pericopsis elata	G
Pine, Kauri	E	Acanthopanax ricinifolius	A	Eucalyptus diversicolor	A	Picea abies	C
Pine, Lodgepole	A	Acer macrophyllum	A	Eucalyptus globulus	B	Picea jezoensis (8-18%mc)	J
Pine, Maritime	B	Acer pseudoplatanus	F	Eucalyptus maculata	A	Picea jezoensis (18-28%mc)	C
Pine, New Zealand White	B	Acer saccharum	A	Eucalyptus marginata	C	Picea sitchensis	C
Pine, Nicaraguan Pitch	C	Aetoxicon punctatum	G	Eucalyptus microcorys	A	Picea excelsa	C
Pine, Parana	B	Aformosia elata	G	Eucalyptus obliqua	C	Pinus caribaea	C
Pine, Ponderosa	C	Afzelia spp	E	Eucalyptus pilularis	C	Pinus contorta	A
Pine, Radiata	C	Agathis australis	E	Eucalyptus saligna	B	Pinus lampertiana	C
Pine, Red	B	Agathis palmerstoni	J	Eucalyptus wandoo	J	Pinus nigra	C
Pine, Scots	A	Agathis robusta	J	Fagus sylvatica	C	Pinus palustris	C
Pine, Sugar	C	Amblygonocarpus andogensis	A	Flindersia brayleyana	B	Pinus pinaster	B
Pine, Yellow	A	Amblygonocarpus obtusungulis	A	Fraxinus Americana	B	Pinus ponderosa	C
Poplar, Black	A	Araucaria angustifolia	B	Fraxinus excelsior	A	Pinus radiata	C
Pterygota, African	A	Araucaria bidwilli	B	Fraxinus japonicus	A	Pinus spp	B
Pyinkado	E	Araucaria cunninghamii	C	Fraxinus mardshurica	A	Pinus strobus	A
Queensland Kauri	J	Berlinia grandiflora	B	Gonystylus macrophyllum	G	Pinus sylvestris	A
Queensland Walnut	C	Berlinia spp	B	Gossweilodendron balsamiferum	J	Pinus thunbergii	B
Ramin	G	Betula alba	J	Gossypiospermum proeroc	A	Pipadeniastrum africanum	A
Redwood, Baltic (European)	A	Betula alleghaniensis	J	Grevillea robusta	C	Piptadenia africana	A
Redwood, Californian	B	Betula pendula	J	Guarea cedrata	H	Podocarpus dacrydiodes	B
Rosewood, Indian	A	Betula spp	J	Guarea thomsonii	J	Podocarpus spicatus	C
Rubberwood	H	Bosquieria phoberos	A	Guibortia ehie	B	Podocarpus totara	E
Santa Maria	H	Brachylaena hutchinsii	J	Hevea brasiliensis	H	Populus spp	A
Sapele	C	Brachystegia spp	B	Intsia bijuga	B	Prunus avium	J
Sen	A	Calophyllum brasiliense	H			Pseudotsuga menziesii	B
Seraya, Red	C	Canarium schweinfurthii	B			Pterocarpus angolensis	G
		Cardwellia sublimis	C				