

PRODUCTS
FOR WORKSHOP AND INSTALLATION
CONSUMABLES AND TOOLS 2018

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## EVERYDAY PRODUCTS FOR WORKSHOP AND INSTALLATION

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Index by Catalogue Number

# THE REFERENCE TOOL FOR POWER TOOLS:

Discover the completely updated Häfele product range for power tools in **volume 2** on 60 pages.



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Sibylle Thierer, Managing Director



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Yours sincerely

Sibylle Thierer



FIXING SCREWS

# **CONTENTS**

# **FIXING SCREWS**

Hospa PZ Chipboard screws



**Hospa Jet Chipboard screws** 



**Hospa TS Chipboard screws** 



**Hospa Drilling screws** 



**Decking screw** 



**Spax PZ Chipboard screws** 



**Spax TS Chipboard screws** 



Wood screws



Häfele Varianta Euro screws



# Panel fixing screws



## Cover caps



**Threaded screws** 



Inset cups, washers



Wood to metal dowel



Threaded bar



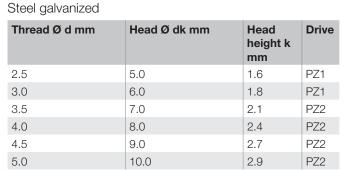
Nuts, washers, cross dowels

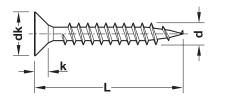


**Confirmat Cabinet connector** 











Dimensions d x L mm	Packing pieces	Galvanized
Orga-Box	•	
2.5 x 16	1,000	015.31.255
3.0 x 13	1,000	015.31.522
3.0 x 15	1,000	015.31.531
3.0 x 17	1,000	015.31.540
3.0 x 20	1,000	015.31.559
3.0 x 25	1,000	015.31.577
3.0 x 30	1,000	015.31.586
3.0 x 35	1,000	015.31.595
3.0 x 40	500	015.31.602
3.5 x 13	1,000	015.31.620
3.5 x 15	1,000	015.31.639
3.5 x 17	1,000	015.31.648
3.5 x 20	1,000	015.31.657
3.5 x 25	1,000	015.31.675
3.5 x 30	1,000	015.31.684
3.5 x 35	1,000	015.31.693
3.5 x 40	500	015.31.700
3.5 x 45	500	015.31.719
3.5 x 50	500	015.31.728
4.0 x 13	1,000	015.31.824
4.0 x 15	1,000	015.31.826
4.0 x 17	1,000	015.31.835
4.0 x 20	1,000	015.31.844

Dimensions d x L mm	Packing pieces	Galvanized
4.0 x 25	1,000	015.31.853
4.0 x 30	1,000	015.31.862
4.0 x 35	500	015.31.871
4.0 x 40	500	015.31.880
4.0 x 45	500	015.31.899
4.0 x 50	500	015.31.906
4.0 x 55	200	015.31.808
4.5 x 17	1,000	015.31.915
4.5 x 20	1,000	015.31.924
4.5 x 25	1,000	015.31.933
4.5 x 30	1,000	015.31.942
4.5 x 35	500	015.31.951
4.5 x 40	500	015.31.960
4.5 x 45	500	015.31.979
4.5 x 50	200	015.31.988
4.5 x 55	200	015.32.010
5.0 x 20	1,000	015.32.074
5.0 x 25	1,000	015.32.083
5.0 x 30	500	015.32.092
5.0 x 35	500	015.32.109
5.0 x 40	500	015.32.118
5.0 x 45	200	015.32.127
5.0 x 50	200	015.31.997
5.0 x 55	200	015.32.136



Dimensions d x L mm	Packing pieces	Galvanized	Dimensions d x L mm	Packing pieces	Galvanized
Big-Pack			4.0 x 15	8,000	017.31.826
2.5 x 16	10,000	017.31.255	4.0 x 17	8,000	017.31.835
3.0 x 13	10,000	017.31.522	4.0 x 20	8,000	017.31.844
3.0 x 15	10,000	017.31.531	4.0 x 25	8,000	017.31.853
3.0 x 17	10,000	017.31.540	4.0 x 27	5,000	017.31.855
3.0 x 20	10,000	017.31.559	4.0 x 30	5,000	017.31.862
3.0 x 30	10,000	017.31.586	4.0 x 35	5,000	017.31.871
3.5 x 13	10,000	017.31.620	4.0 x 40	4,000	017.31.880
3.5 x 15	10,000	017.31.639	4.0 x 45	3,000	017.31.899
3.5 x 17	10,000	017.31.648	4.0 x 50	3,000	017.31.906
3.5 x 20	10,000	017.31.657	4.5 x 25	5,000	017.31.933
3.5 x 22	10,000	017.31.660	4.5 x 30	5,000	017.31.942
3.5 x 25	8,000	017.31.675	4.5 x 35	3,000	017.31.951
3.5 x 30	8,000	017.31.684	4.5 x 40	3,000	017.31.960
3.5 x 35	8,000	017.31.693	4.5 x 50	2,000	017.31.988
3.5 x 40	5,000	017.31.700	5.0 x 20	5,000	017.32.074
3.5 x 50	5,000	017.31.728	5.0 x 50	2,000	017.31.997
			Cover caps		►MT 1.33
			Bits and accessories		►MT 6.23

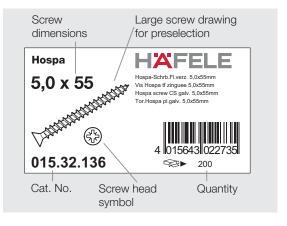
# THE ORGA-BOX AS PRACTICAL PACKAGING



Orga-Box with tilting lid and snap fastener

Label as direction sign

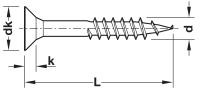
Big-Pack the big box for large quantities







Thread Ø d mm	Head Ø dk mm	Head height k	Drive
3.0	6.0	1.8	PZ1
4.0	8.0	2.4	PZ2
4.5	9.0	2.7	PZ2
5.0	10.0	2.9	PZ2
6.0	12.0	3.4	PZ3







Dimensions d x L	Packing	Galvanized
mm	pieces	
Orga-Box		
3.0 x 30	1,000	015.41.582
4.0 x 35	500	015.41.877
4.0 x 40	500	015.41.886
4.0 x 50	500	015.41.902
4.0 x 60	200	015.41.920
4.0 x 70	200	015.41.939
4.5 x 40	500	015.41.966
4.5 x 50	200	015.41.984
4.5 x 60	200	015.42.007
4.5 x 70	200	015.42.034
4.5 x 80	200	015.42.043
5.0 x 50	200	015.42.132
5.0 x 60	200	015.42.141
5.0 x 65	200	015.42.150
5.0 x 70	200	015.42.169
5.0 x 80	100	015.42.178
5.0 x 90	100	015.42.187

Dimensions d x L mm	Packing pieces	Galvanized
5.0 x 100	100	015.42.196
5.0 x 110	100	015.42.197
5.0 x 120	100	015.42.198
6.0 x 50	200	015.42.347
6.0 x 60	200	015.42.356
6.0 x 70	100	015.42.365
6.0 x 80	100	015.42.374
6.0 x 90	100	015.42.383
6.0 x 100	100	015.42.392
6.0 x 120	100	015.42.418
6.0 x 140	100	015.42.436
6.0 x 160	100	015.42.454
6.0 x 180	100	015.42.472
Big-Pack		
4.0 x 35	5,000	017.41.877
4.0 x 60	3,000	017.41.920
5.0 x 60	2,000	017.42.141
5.0 x 70	2,000	017.42.169

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

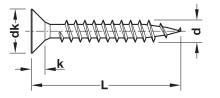


# Countersunk head PZ, fully threaded, for hardware fittings/concealed hinges

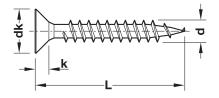




# CATALOGIA (CATALOGIA)







Countersunk head PZ, fully threaded





Steel nickel plated or galvanized

Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
2.5	5.0	1.6	PZ1
3.0	5.0	1.8	PZ1
3.5	7.0	2.1	PZ2
4.0	8.0	2.4	PZ2

ł

Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
3.0	6.0	1.8	PZ1
3.5	7.0	2.1	PZ2
4.0	8.0	2.4	PZ2
4.5	9.0	2.7	PZ2

<b>Dimensions</b>	Packing	Nickel	Galvanized
d x L mm	pieces	plated	
Orga-Box			
2.5 x 16	1,000	015.35.253	_
3.0 x 13	1,000	_	015.31.326
3.0 x 15	1,000	015.35.333	015.31.335
3.0 x 17	1,000	_	015.31.344
3.5 x 15	1,000	015.35.637	_
3.5 x 17	1,000	015.35.646	_
3.5 x 20	1,000	015.35.655	_
4.0 x 15	1,000	015.35.824	_
4.0 x 17	1,000	015.35.833	_
4.0 x 20	1,000	015.35.842	_
Big-Pack			
3.5 x 15	10,000	017.35.637	_
4.0 x 15	8,000	017.35.824	_

Dimensions d x L mm	Packing pieces	Burnished	Black galvanized
Orga-Box			
3.0 x 15	1,000	015.39.537	_
3.0 x 17	1,000	015.39.546	015.39.548
3.0 x 20	1,000	015.39.555	_
3.0 x 25	1,000	015.39.573	_
3.5 x 15	1,000	015.39.635	_
3.5 x 17	1,000	015.39.644	015.39.648
3.5 x 20	1,000	015.39.653	_
3.5 x 25	1,000	015.39.671	_
3.5 x 30	1,000	015.39.680	_
4.0 x 17	1,000	015.39.831	015.39.838
4.0 x 20	1,000	015.39.840	_
4.0 x 25	1,000	015.39.859	_
4.0 x 30	1,000	015.39.868	_
4.0 x 35	500	015.39.877	_
4.0 x 40	500	015.39.886	_
4.5 x 20	1,000	_	015.39.928

►MT 1.33
►MT 6.23

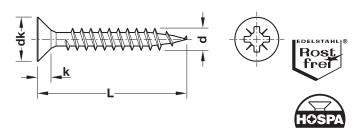
# MT 2018, HDE, 10/17, Dimensional data not binding. We reserve the right to alter specifications without notice.

# Countersunk head PZ, fully threaded – stainless steel



Stainless steel
Quality: A2/AISI 304/305

Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
3.0	6.0	1.5	PZ1
3.5	7.0	1.75	PZ2
4.0	8.0	2.0	PZ2
4.5	9.0	2.25	PZ2
5.0	10.0	2.5	PZ2
6.0	12.0	3.0	PZ3



Dimensions d x L	Packing	Cat. No.
mm	pieces	
3.0 x 12	1,000	014.70.520
3.0 x 16	500	014.70.542
3.0 x 20	500	014.70.551
3.0 x 25	1,000	014.70.570
3.0 x 30	1,000	014.70.580
3.0 x 35	1,000	014.70.590
3.5 x 16	500	014.70.631
3.5 x 20	1,000	014.70.659
3.5 x 25	500	014.70.677
3.5 x 30	1,000	014.70.686
3.5 x 35	1,000	014.70.690
3.5 x 40	1,000	014.70.702
4.0 x 16	500	014.70.830
4.0 x 20	500	014.70.846
4.0 x 25	500	014.70.855
4.0 x 30	500	014.70.864
4.0 x 35	500	014.70.873
4.0 x 40	500	014.70.882

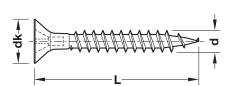
Dimensions d x L	Packing	Cat. No.
mm	pieces	
4.0 x 45	500	014.70.891
4.0 x 50	500	014.70.908
4.0 x 60	500	014.70.920
4.0 x 70	200	014.70.940
4.5 x 20	500	014.70.950
4.5 x 30	500	014.70.954
4.5 x 35	500	014.70.956
4.5 x 40	200	014.70.958
4.5 x 45	200	014.70.960
4.5 x 50	200	014.70.962
4.5 x 60	200	014.70.964
5.0 x 25	200	014.71.080
5.0 x 35	200	014.71.101
5.0 x 45	200	014.71.128
5.0 x 50	200	014.71.139
5.0 x 60	100	014.71.148
5.0 x 70	100	014.71.156
5.0 x 80	100	014.71.165

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

# HAFELE

# Countersunk head PZ, fully threaded, with central hole



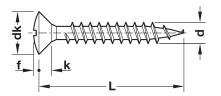






# Raised countersunk head PZ, fully threaded





Steel, galvanized, nickel plated



Thread Ø d mm	Head Ø dk mm	Head height k mm	Head size f mm	Drive
3.0	6.0	1.8	0.7	PZ1
3.5	7.0	2.1	1.0	PZ2
4.0	8.0	2.4	1.0	PZ2

Dimensions	Packing	Cat. No.
d x L mm	pieces	
Orga-Box		
4.5 x 25	1,000	015.01.935
4.5 x 30	1,000	015.01.944
4.5 x 35	500	015.01.953
4.5 x 40	500	015.01.962
4.5 x 45	500	015.01.971
4.5 x 50	200	015.01.980
4.5 x 60	200	015.01.981
4.5 x 70	200	015.01.982
4.5 x 80	200	015.01.983
5.0 x 80	200	015.01.992
Big-Pack		
4.5 x 30	5,000	017.01.944
4.5 x 35	3,000	017.01.953
4.5 x 50	2,000	017.01.980

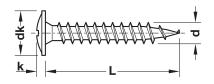
<b>Dimensions</b>	Packing	Galvanized	Nickel
d x L mm	pieces		plated
Orga-Box			
3.0 x 17	1,000	015.51.542	_
3.0 x 20	1,000	_	015.55.559
3.0 x 25	1,000	_	015.55.577
3.0 x 30	1,000	_	015.55.586
3.5 x 15	1,000	015.51.631	015.55.639
3.5 x 17	1,000	015.51.640	015.55.648
3.5 x 20	1,000	015.51.659	015.55.657
3.5 x 25	1,000	_	015.55.675
3.5 x 30	1,000	015.51.686	015.55.684
3.5 x 35	1,000	015.51.695	015.55.693
4.0 x 17	1,000	015.51.837	_
4.0 x 20	1,000	015.51.846	015.55.844
4.0 x 25	1,000	015.51.855	015.55.853
4.0 x 30	1,000	_	015.55.862
4.0 x 35	500	015.51.873	015.55.871
4.0 x 40	500	015.51.882	015.55.880

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23





Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
3.0	7.8	1.5	PZ1
3.5	8.5	1.8	PZ2
4.0	9.5	1.9	PZ2







Dimensions d x L mm	Thread	Packing pieces	Cat. No.
Orga-Box			
3.0 x 20	Fully threaded	1,000	016.10.555
3.0 x 25	Fully threaded	1,000	016.10.573
3.0 x 30	Fully threaded	1,000	016.10.582
3.5 x 15	Fully threaded	1,000	016.10.620
3.5 x 17	Fully threaded	1,000	016.10.630
3.5 x 25	Fully threaded	1,000	016.10.671
3.5 x 30	Fully threaded	1,000	016.10.680
3.5 x 35	Fully threaded	1,000	016.10.699
4.0 x 20	Fully threaded	1,000	016.10.840
4.0 x 25	Fully threaded	1,000	016.10.859
4.0 x 30	Partially threaded	1,000	016.10.869
4.0 x 30	Fully threaded	1,000	016.10.868
4.0 x 35	Fully threaded	500	016.10.877
4.0 x 40	Fully threaded	500	016.10.886

Dimensions d x L mm	Thread	Packing pieces	Cat. No.
Big-Pack			
3.0 x 20	Fully threaded	5,000	016.20.555
4.0 x 12	Fully threaded	5,000	016.20.817
4.0 x 15	Fully threaded	5,000	016.20.820
4.0 x 20	Fully threaded	5,000	016.20.840
4.0 x 23	Fully threaded	5,000	016.20.845
4.0 x 25	Fully threaded	5,000	016.20.859
4.0 x 27	Fully threaded	10,000	016.20.865
4.0 x 30	Fully threaded	5,000	016.20.868

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

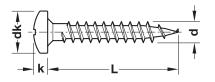


# Pan head PZ, fully threaded



# Steel galvanized

Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
3.0	6.0	2.4	PZ1
3.5	7.0	2.5	PZ2
4.0	8.0	2.9	PZ2
4.5	9.0	3.2	PZ2
5.0	10.0	3.5	PZ2





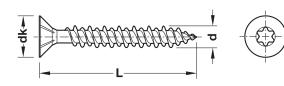


Dimensions d x L mm	Packing pieces	Cat. No.
Orga-Box		
3.0 x 13	1,000	015.71.526
3.0 x 15	1,000	015.71.535
3.0 x 17	1,000	015.71.544
3.0 x 20	1,000	015.71.553
3.0 x 25	1,000	015.71.571
3.5 x 13	1,000	015.71.624
3.5 x 15	1,000	015.71.633
3.5 x 17	1,000	015.71.642
3.5 x 20	1,000	015.71.651
3.5 x 25	1,000	015.71.679
3.5 x 30	1,000	015.71.688
3.5 x 35	1,000	015.71.697
4.0 x 13	1,000	015.71.811
4.0 x 15	1,000	015.71.820
4.0 x 16	1,000	015.71.833
4.0 x 17	1,000	015.71.839
4.0 x 20	1,000	015.71.848
4.0 x 25	1,000	015.71.857
4.0 x 30	1,000	015.71.866
4.0 x 35	500	015.71.875
4.0 x 40	500	015.71.884
4.5 x 13	1,000	015.71.900
4.5 x 15	1,000	015.71.919

Dimensions d x L	Packing pieces	Cat. No.
4.5 x 17	1,000	015.71.991
4.5 x 20	1,000	015.71.928
4.5 x 25	1,000	015.71.937
4.5 x 30	500	015.71.946
4.5 x 35	500	015.71.955
5.0 x 17	1,000	015.72.050
5.0 x 20	1,000	015.72.078
5.0 x 25	1,000	015.72.080
5.0 x 30	500	015.72.096
5.0 x 40	500	015.72.112
5.0 x 50	200	015.72.130
Big-Pack		
3.0 x 13	10,000	017.71.526
3.5 x 13	10,000	017.71.624
3.5 x 15	10,000	017.71.633
4.0 x 13	8,000	017.71.811
4.0 x 15	8,000	017.71.820
4.0 x 17	8,000	017.71.839
4.0 x 20	8,000	017.71.848
4.0 x 25	5,000	017.71.857
4.0 x 30	5,000	017.71.866
4.0 x 40	3,000	017.71.884
4.5 x 17	5,000	017.71.991

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23





Steel galvanized, reinforced head prevents snapping off, high/low thread increases the speed of insertion, routered ribs for countersinking in material, increased pull-out resistance, for universal use

Thread Ø d mm	Head Ø dk mm	Drive
3.0	6.0	TS15
3.5	7.0	TS20
4.0	8.0	TS20
4.5	9.0	TS20
5.0	10.0	TS20

Dimensions d x L mm	Packing pieces	Cat. No.
3.0 x 13	1,000	017.91.012
3.0 x 15	1,000	017.91.013
3.0 x 17	1,000	017.91.015
3.0 x 20	1,000	017.91.016
3.0 x 25	1,000	017.91.019
3.0 x 30	1,000	017.91.021
3.0 x 35	1,000	017.91.023
3.5 x 13	1,000	017.91.042
3.5 x 15	1,000	017.91.043
3.5 x 17	1,000	017.91.045
3.5 x 20	1,000	017.91.046
3.5 x 25	1,000	017.91.049
3.5 x 30	1,000	017.91.051
3.5 x 35	1,000	017.91.053
3.5 x 40	500	017.91.054
4.0 x 15	1,000	017.91.073
4.0 x 17	1,000	017.91.075
4.0 x 20	1,000	017.91.076

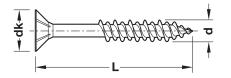
Dimensions d x L mm	Packing pieces	Cat. No.
4.0 x 25	1,000	017.91.079
4.0 x 30	1,000	017.91.081
4.0 x 35	500	017.91.083
4.0 x 40	500	017.91.084
4.0 x 45	500	017.91.085
4.0 x 50	500	017.91.086
4.5 x 20	1,000	017.91.106
4.5 x 25	1,000	017.91.109
4.5 x 30	1,000	017.91.111
4.5 x 35	500	017.91.113
4.5 x 40	500	017.91.114
4.5 x 45	500	017.91.115
4.5 x 50	200	017.91.116
5.0 x 25	1,000	017.91.139
5.0 x 30	500	017.91.141
5.0 x 35	500	017.91.143
5.0 x 40	500	017.91.144
5.0 x 50	200	017.91.146

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23



# Hospa Jet Countersunk head TS, partially threaded









Steel	galvanized
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reinforced head prevents snapping off, high/low thread increases the speed of insertion, routered ribs for countersinking in material, increased pull-out resistance, for universal use

Thread Ø d mm	Head Ø dk mm	Drive
3.0	6.0	TS15
3.5	7.0	TS20
4.0	8.0	TS20
4.5	9.0	TS20
5.0	10.0	TS20
6.0	12.0	TS30

Dimensions d x L	Packing pieces	Cat. No.
3.0 x 25	1,000	017.91.219
3.0 x 30	1,000	017.91.219
3.0 x 35	1,000	017.91.221
3.0 x 40	500	017.91.224
3.5 x 20	1,000	017.91.246
3.5 x 30	1,000	017.91.251
3.5 x 35	1,000	017.91.253
3.5 x 40	500	017.91.254
3.5 x 45	500	017.91.255
3.5 x 50	500	017.91.256
4.0 x 25	1,000	017.91.279
4.0 x 30	1,000	017.91.281
4.0 x 35	500	017.91.283
4.0 x 40	500	017.91.284
4.0 x 45	500	017.91.285
4.0 x 50	500	017.91.286
4.0 x 55	200	017.91.287
4.0 x 60	200	017.91.288
4.0 x 70	200	017.91.290
4.5 x 35	500	017.91.313
4.5 x 40	500	017.91.314
4.5 x 45	500	017.91.315
4.5 x 50	200	017.91.316
4.5 x 55	200	017.91.317

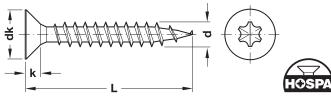
Dimensions d x L mm	Packing pieces	Cat. No.
4.5 x 60	200	017.91.318
4.5 x 70	200	017.91.320
4.5 x 80	200	017.91.321
5.0 x 35	500	017.91.343
5.0 x 40	500	017.91.344
5.0 x 45	200	017.91.345
5.0 x 50	200	017.91.346
5.0 x 55	200	017.91.347
5.0 x 60	200	017.91.348
5.0 x 70	200	017.91.350
5.0 x 80	100	017.91.351
5.0 x 90	100	017.91.352
5.0 x 100	100	017.91.353
5.0 x 120	100	017.91.355
6.0 x 50	200	017.91.376
6.0 x 60	200	017.91.378
6.0 x 70	100	017.91.380
6.0 x 80	100	017.91.381
6.0 x 90	100	017.91.382
6.0 x 100	100	017.91.383
6.0 x 120	100	017.91.385
6.0 x 130	100	017.91.386
6.0 x 150	100	017.91.388
6.0 x 180	100	017.91.391

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

# MT 2018, HDE, 10/17; Dimensional data not binding. We reserve the right to alter specifications without notice.

# Countersunk head TS, fully threaded





Steel	~ ~	l	-:
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Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
2.5	5.0	1.5	TS10
3.0	6.0	1.5	TS10
3.5	7.0	1.75	TS10
4.0	8.0	2.0	TS20
4.5	9.0	2.25	TS20
5.0	10.0	2.5	TS25
6.0	12.0	3.0	TS30

Dimensions d x L	Packing	Cat. No.
mm	pieces	
2.5 x 16	1,000	015.46.004
3.0 x 16	1,000	015.46.054
3.0 x 20	1,000	015.46.056
3.0 x 25	1,000	015.46.059
3.0 x 30	1,000	015.46.061
3.0 x 45	1,000	015.46.065
3.5 x 12	1,000	015.46.081
3.5 x 16	1,000	015.46.084
3.5 x 20	1,000	015.46.086
3.5 x 25	1,000	015.46.089
3.5 x 30	1,000	015.46.091
3.5 x 45	1,000	015.46.095
3.5 x 50	500	015.46.096
4.0 x 16	1,000	015.46.114
4.0 x 20	1,000	015.46.116

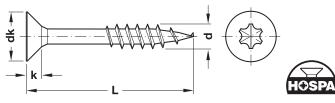
Dimensions d x L	Packing	Cat. No.
mm	pieces	
4.0 x 25	1,000	015.46.119
4.0 x 30	1,000	015.46.121
4.0 x 50	500	015.46.126
4.5 x 20	1,000	015.46.146
4.5 x 25	1,000	015.46.149
4.5 x 30	1,000	015.46.151
4.5 x 50	500	015.46.156
5.0 x 20	1,000	015.46.176
5.0 x 25	1,000	015.46.179
5.0 x 30	500	015.46.181
5.0 x 40	500	015.46.184
5.0 x 60	200	015.46.188
5.0 x 80	100	015.46.191
6.0 x 40	200	015.46.214
6.0 x 60	200	015.46.218

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23



# Countersunk head TS, partially threaded





# Steel galvanized

Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
2.5	5.0	1.5	TS10
3.0	6.0	1.5	TS10
3.5	7.0	1.75	TS10
4.0	8.0	2.0	TS20
4.5	9.0	2.25	TS20
5.0	10.0	2.5	TS25
6.0	12.0	3.0	TS30

Dimensions d x L	Packing	Cat. No.
mm	pieces	
3.5 x 35	1,000	015.46.393
3.5 x 40	1,000	015.46.394
4.0 x 35	1,000	015.46.423
4.0 x 40	1,000	015.46.424
4.0 x 45	500	015.46.425
4.0 x 50	500	015.46.426
4.0 x 60	500	015.46.428
4.0 x 70	500	015.46.430
4.5 x 35	500	015.46.453
4.5 x 40	500	015.46.454
4.5 x 45	500	015.46.455
5.0 x 35	500	015.46.483
5.0 x 40	500	015.46.484
5.0 x 50	200	015.46.486
5.0 x 60	200	015.46.488

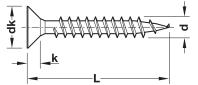
Dimensions d x L	Packing	Cat. No.
mm	pieces	
5.0 x 65	200	015.46.489
5.0 x 70	200	015.46.490
5.0 x 80	100	015.46.491
5.0 x 90	100	015.46.492
5.0 x 100	100	015.46.493
6.0 x 50	200	015.46.516
6.0 x 60	200	015.46.518
6.0 x 70	100	015.46.520
6.0 x 80	100	015.46.521
6.0 x 90	100	015.46.522
6.0 x 100	100	015.46.523
6.0 x 120	100	015.46.525
6.0 x 140	100	015.46.527
6.0 x 160	100	015.46.529
6.0 x 180	100	015.46.530

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

# MT 2018, HDE, 10/17; Dimensional data not binding. We reserve the right to after specifications without notice.

# Countersunk head TS, fully threaded or partially threaded









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HG	<i>7</i> 51	PA

Stainless steel,	quality	Α2
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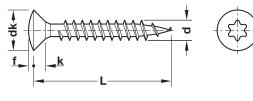
Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
3.0	6.0	1.5	TS10
3.5	7.0	1.75	TS10
4.0	8.0	2.0	TS20
4.5	9.0	2.25	TS20
5.0	10.0	2.5	TS25
6.0	12.0	3.0	TS30

	_ '		
<b>Dimensions</b>	Thread	Packing	Cat. No.
d x L mm		pieces	
3.0 x 16	Fully threaded	1,000	014.72.024
3.0 x 25	Fully threaded	1,000	014.72.029
3.0 x 30	Fully threaded	1,000	014.72.031
3.5 x 16	Fully threaded	1,000	014.72.044
3.5 x 25	Partially threaded	1,000	014.72.049
3.5 x 30	Fully threaded	1,000	014.72.051
3.5 x 35	Partially threaded	500	014.82.053
3.5 x 40	Partially threaded	500	014.82.054
4.0 x 16	Fully threaded	500	014.72.064
4.0 x 20	Fully threaded	500	014.72.066
4.0 x 30	Fully threaded	500	014.72.071
4.0 x 40	Fully threaded	500	014.72.074
4.0 x 45	Fully threaded	500	014.72.075
4.0 x 50	Fully threaded	500	014.72.076
4.5 x 20	Fully threaded	500	014.72.086

Dimensions d x L mm	Thread	Packing pieces	Cat. No.
4.5 x 25	Fully threaded	500	014.72.089
4.5 x 30	Fully threaded	500	014.72.091
4.5 x 35	Fully threaded	500	014.72.093
4.5 x 45	Fully threaded	200	014.72.095
4.5 x 50	Partially threaded	200	014.82.096
4.5 x 60	Partially threaded	200	014.82.098
$4.5 \times 70$	Partially threaded	200	014.82.100
5.0 x 25	Fully threaded	200	014.72.139
5.0 x 30	Fully threaded	200	014.72.141
5.0 x 40	Fully threaded	200	014.72.143
5.0 x 50	Fully threaded	200	014.72.145
5.0 x 60	Fully threaded	200	014.72.147
5.0 x 70	Fully threaded	200	014.72.149
5.0 x 80	Fully threaded	200	014.72.151

# Raised countersunk head TS, fully threaded







# Steel galvanized

Thread Ø d mm	Head Ø dk mm	Head size k mm	Head size f mm	Drive
3.0	6.0	1.8	0.77	TS10
3.5	7.0	2.0	0.88	TS15
4.0	8.0	2.35	1.02	TS15

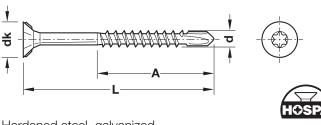
Dimensions d x L mm	Packing pieces	Cat. No.
Orga-Box		
3.5 x 17	1,000	015.52.640
3.5 x 20	1,000	015.52.659
3.5 x 25	1,000	015.52.677
3.5 x 30	1,000	015.52.686
3.5 x 35	1,000	015.52.695
4.0 x 35	1,000	015.52.873
4.0 x 40	500	015.52.882

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

# HAFELE

# Countersunk head with routered ribs, TS, partially threaded chipboard screw with drill point





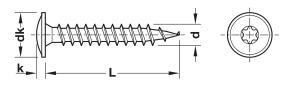
Hardened steel, galvanized, pilot drilling not required, particularly suitable for MDF boards, coated and non-coated chipboard, hardwood and solid wood corner connections, front edge fixing, TS T-star drive

Thread Ø d mm	Head Ø dk mm	Drive
4.0	8.0	TS20
4.5	9.0	TS20
5.0	10.0	TS25

Dimensions d x L mm	Dim. A mm	Packing pieces	Cat. No.
4.0 x 25	17	1,000	019.01.900
4.0 x 30	20	1,000	019.01.901
4.0 x 35	25	1,000	019.01.902
4.0 x 40	30	500	019.01.903
4.0 x 45	30	500	019.01.904
4.0 x 50	35	500	019.01.905
4.0 x 60	40	500	019.01.907
$4.0 \times 70$	40	200	019.01.908
4.5 x 50	35	500	019.01.923
4.5 x 60	40	200	019.01.924
5.0 x 50	35	500	019.01.941
5.0 x 60	40	200	019.01.942
5.0 x 70	50	200	019.01.943
5.0 x 80	50	200	019.01.944

# Flat head rear panel screw TS, fully threaded







Steel galvanized

Packing: 1,000 pieces

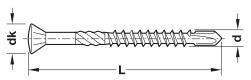
Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
3.0	7.8	1.5	TS10
3.5	8.5	1.8	TS15
4.0	9.5	1.9	TS20

Dimensions d x L mm	Cat. No.
3.0 x 20	016.16.902
3.0 x 25	016.16.903
3.0 x 30	016.16.904
3.5 x 25	016.16.912
3.5 x 30	016.16.914
3.5 x 35	016.16.913
4.0 x 30	016.16.929
4.0 x 35	016.16.930

►MT 1.33
►MT 6.23

# partially threaded with drill point





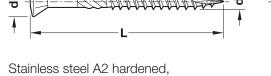
With drill point, stainless steel, steel brass plated, especially suitable for glass profiles and skirting

Thread Ø d mm	Head Ø dk mm	T-star drive size
3.2	5.0	TS10

Dimensions	Packing	Stainless	Steel, brass
d x L mm	pieces	steel	plated
3.2 x 25	1,000	010.91.001	010.91.511
3.2 x 30	1,000	010.91.002	010.91.512
3.2 x 35	1,000	010.91.003	010.91.513
3.2 x 40	1,000	010.91.004	010.91.514
3.2 x 50	1,000	010.91.005	010.91.515
3.2 x 60	1,000/500	010.91.006	010.91.516

## Decking screw TS, partially threaded with drill point





for attachment of hard wood, 60 % higher breaking torque, piercing point eliminates the need for pilot drilling

Thread Ø d mm	Head Ø dk mm	T-star drive size
5.0	7.5	TS25

Dimensions d x L	Packing	Cat. No.
mm	pieces	
5.0 x 50	200	010.96.066
5.0 x 60	200	010.96.068
5.0 x 70	200	010.96.070
5.0 x 80	200	010.96.071
		·

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

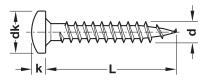


# Pan head TS, fully threaded



Steel		

Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
3.0	6.0	2.2	TS10
3.5	7.0	2.6	TS15
4.0	8.0	2.8	TS15
4.5	9.0	3.05	TS25
5.0	10.0	3.55	TS25
6.0	12.0	4.0	TS30



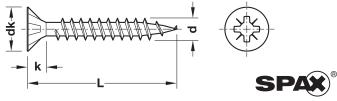


Dimensions d x L mm	Packing pieces	Cat. No.
Orga-Box		
3.0 x 13	1,000	015.73.526
3.0 x 15	1,000	015.73.535
3.0 x 17	1,000	015.73.544
3.0 x 20	1,000	015.73.553
3.0 x 25	1,000	015.73.571
3.5 x 13	1,000	015.73.624
3.5 x 15	1,000	015.73.633
3.5 x 17	1,000	015.73.642
3.5 x 20	1,000	015.73.651
3.5 x 25	1,000	015.73.679
3.5 x 30	1,000	015.73.688
3.5 x 35	1,000	015.73.697
4.0 x 15	1,000	015.73.820
4.0 x 17	1,000	015.73.839
4.0 x 20	1,000	015.73.848
4.0 x 25	1,000	015.73.857

Dimensions d x L mm	Packing pieces	Cat. No.
4.0 x 30	1,000	015.73.866
4.0 x 35	500	015.73.875
4.0 x 40	500	015.73.884
4.5 x 20	1,000	015.73.928
4.5 x 25	1,000	015.73.937
4.5 x 30	500	015.73.946
4.5 x 35	500	015.73.955
4.5 x 50	500	015.73.961
5.0 x 17	1,000	015.74.050
5.0 x 20	1,000	015.74.078
5.0 x 30	500	015.74.096
5.0 x 40	500	015.74.112
5.0 x 50	200	015.74.130
5.0 x 60	200	015.74.132
6.0 x 40	200	015.74.154
6.0 x 60	200	015.74.158
6.0 x 70	200	015.74.160

Cover caps	▶ MT 1.33
Bits and accessories	► MT 6.23





Steel galvanized,

4CUT tip with patented wave profile and multi-head **Approval:** Building regulations approved Z-9.1-235

Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
2.5	5.0	1.6	PZ1
3.0	6.0	1.8	PZ1
3.5	7.0	2.1	PZ2
4.0	8.0	2.4	PZ2
4.5	9.0	2.7	PZ2
5.0	10.0	2.9	PZ2
6.0	12.0	3.4	PZ3

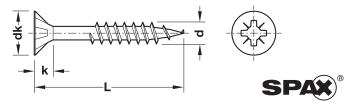
		_
Dimensions d x L	Packing	Cat. No.
mm	pieces	
2.5 x 10	1,000	018.00.000
2.5 x 12	1,000	018.00.001
2.5 x 16	1,000	018.00.004
2.5 x 20	1,000	018.00.006
2.5 x 25	1,000	018.00.009
3.0 x 10	1,000	018.00.050
3.0 x 12	1,000	018.00.051
3.0 x 13	1,000	018.00.052
3.0 x 15	1,000	018.00.053
3.0 x 16	1,000	018.00.054
3.0 x 17	1,000	018.00.055
3.0 x 20	1,000	018.00.056
3.0 x 25	1,000	018.00.059
3.0 x 30	1,000	018.00.061
3.0 x 35	1,000	018.00.063
3.0 x 40	1,000	018.00.064
3.0 x 45	1,000	018.00.065
3.5 x 10	1,000	018.00.080
3.5 x 12	1,000	018.00.081
3.5 x 13	1,000	018.00.082
3.5 x 15	1,000	018.00.083
3.5 x 16	1,000	018.00.084
3.5 x 17	1,000	018.00.085
3.5 x 20	1,000	018.00.086
3.5 x 22	1,000	018.00.087
3.5 x 25	1,000	018.00.089
3.5 x 30	1,000	018.00.091
3.5 x 35	1,000	018.00.093
3.5 x 40	1,000	018.00.094
3.5 x 45	1,000	018.00.095
3.5 x 50	500	018.00.096
4.0 x 12	1,000	018.00.111
4.0 x 13	1,000	018.00.112
4.0 x 15	1,000	018.00.113
4.0 x 16	1,000	018.00.114

Dimensions d x L	Packing	Cat. No.
<b>mm</b>	pieces	010 00 115
4.0 x 17	1,000	018.00.115
4.0 x 20	1,000	018.00.116
4.0 x 22	1,000	018.00.117
4.0 x 25	1,000	018.00.119
4.0 x 27	1,000	018.00.120
4.0 x 30	1,000	018.00.121
4.0 x 35	1,000	018.00.123
4.0 x 40	1,000	018.00.124
4.0 x 45	500	018.00.125
4.0 x 50	500	018.00.126
4.0 x 55	500	018.00.127
4.5 x 15	1,000	018.00.143
4.5 x 20	1,000	018.00.146
4.5 x 25	1,000	018.00.149
4.5 x 30	1,000	018.00.151
4.5 x 35	500	018.00.153
4.5 x 40	500	018.00.154
4.5 x 45	500	018.00.155
4.5 x 50	500	018.00.156
4.5 x 55	500	018.00.157
5.0 x 20	1,000	018.00.176
5.0 x 25	1,000	018.00.179
5.0 x 30	500	018.00.181
5.0 x 35	500	018.00.183
5.0 x 40	500	018.00.184
5.0 x 45	500	018.00.185
5.0 x 50	500	018.00.186
5.0 x 55	500	018.00.187
6.0 x 30	500	018.00.211
6.0 x 35	500	018.00.213
6.0 x 40	500	018.00.214
6.0 x 45	500	018.00.215
6.0 x 50	200	018.00.216
6.0 x 55	200	018.00.217



# Countersunk head PZ, partially threaded





Steel galvanized,

4CUT tip with patented wave profile and multi-head **Approval:** Building regulations approved Z-9.1-235

Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
3.0	6.0	1.8	PZ1
3.5	7.0	2.1	PZ2
4.0	8.0	2.4	PZ2
4.5	9.0	2.7	PZ2
5.0	10.0	2.9	PZ2
6.0	12.0	3.4	PZ3

Dimensions d x L mm	Packing pieces	Cat. No.
3.5 x 30	1,000	018.00.391
3.5 x 35	1,000	018.00.393
3.5 x 40	1,000	018.00.394
3.5 x 50	500	018.00.396
4.0 x 30	1,000	018.00.421
4.0 x 35	1,000	018.00.423
4.0 x 40	1,000	018.00.424
4.0 x 45	500	018.00.425
4.0 x 50	500	018.00.426
4.0 x 55	500	018.00.427
4.0 x 60	500	018.00.428
4.0 x 70	500	018.00.430
4.0 x 80	200	018.00.431
4.5 x 30	1,000	018.00.451
4.5 x 35	500	018.00.453
4.5 x 40	500	018.00.454
4.5 x 45	500	018.00.455
4.5 x 50	500	018.00.456
4.5 x 60	500	018.00.458
4.5 x 70	500	018.00.460
4.5 x 80	200	018.00.461

Dimensions d x L		Cat. No.
mm	pieces	0.10.00.10.1
5.0 x 40	500	018.00.484
5.0 x 50	500	018.00.486
5.0 x 60	500	018.00.488
5.0 x 65	200	018.00.489
5.0 x 70	200	018.00.490
5.0 x 80	200	018.00.491
5.0 x 90	200	018.00.492
5.0 x 100	200	018.00.493
5.0 x 110	200	018.00.494
5.0 x 120	200	018.00.495
6.0 x 60	200	018.00.518
6.0 x 70	200	018.00.520
6.0 x 80	200	018.00.521
6.0 x 90	200	018.00.522
6.0 x 100	100	018.00.523
6.0 x 120	100	018.00.525
6.0 x 140	100	018.00.527
6.0 x 150	100	018.00.528
6.0 x 160	100	018.00.529
6.0 x 180	100	018.00.530
6.0 x 200	100	018.00.531

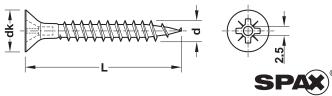
Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

# Countersunk head PZ, fully threaded with central hole



Steel galvanized, low-friction coating, with central hole 2.5 mm, 4CUT tip with patented wave profile and multi-head

Thread Ø d mm	Head Ø dk mm	Drive
4.5	9.0	PZ2
5.0	10.0	PZ2



Dimensions d x L	Packing	Cat. No.
mm	pieces	
4.5 x 45	500	018.40.155
4.5 x 55	500	018.40.157
4.5 x 80	200	018.40.161

Dimensions d x L	Packing	Cat. No.
mm	pieces	
5.0 x 60	500	018.40.188
5.0 x 80	200	018.40.191

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23



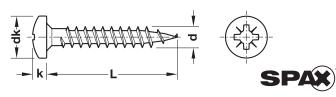
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# Pan head PZ, fully threaded





Steel galvanized,

4CUT tip with patented wave profile and multi-head **Approval:** Building regulations approved Z-9.1-235

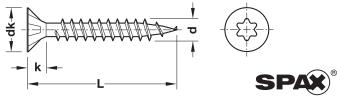
Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive
3.0	6.0	2.4	PZ1
3.5	7.0	2.5	PZ2
4.0	8.0	2.9	PZ2
4.5	9.0	3.2	PZ2
5.0	10.0	3.5	PZ2
6.0	12.0	4.0	PZ3

Dimensions d x L	Packing	Cat. No.
<b>mm</b>	pieces	010 00 000
2.5 x 15	1,000	018.20.003
3.0 x 10	1,000	018.20.050
3.0 x 12	1,000	018.20.051
3.0 x 13	1,000	018.20.052
3.0 x 15	1,000	018.20.053
3.0 x 17	1,000	018.20.055
3.0 x 20	1,000	018.20.056
3.0 x 25	1,000	018.20.059
3.0 x 30	1,000	018.20.061
3.0 x 40	1,000	018.20.064
3.5 x 12	1,000	018.20.081
3.5 x 15	1,000	018.20.083
3.5 x 17	1,000	018.20.085
3.5 x 20	1,000	018.20.086
3.5 x 25	1,000	018.20.089
3.5 x 35	1,000	018.20.093
3.5 x 40	1,000	018.20.094
4.0 x 10	1,000	018.20.110
4.0 x 12	1,000	018.20.111
4.0 x 13	1,000	018.20.112
4.0 x 15	1,000	018.20.113
4.0 x 17	1,000	018.20.115
4.0 x 20	1,000	018.20.116
4.0 x 25	1,000	018.20.119
4.0 x 30	1,000	018.20.121
4.0 x 35	1,000	018.20.123
4.0 x 40	500	018.20.124
4.0 x 45	500	018.20.125

Dimensions d x L		Cat. No.
mm	pieces	
4.5 x 15	1,000	018.20.143
4.5 x 17	1,000	018.20.145
4.5 x 20	1,000	018.20.146
4.5 x 25	1,000	018.20.149
4.5 x 30	500	018.20.151
4.5 x 35	500	018.20.153
4.5 x 40	500	018.20.154
4.5 x 45	500	018.20.155
4.5 x 50	500	018.20.156
5.0 x 15	1,000	018.20.173
5.0 x 17	1,000	018.20.175
5.0 x 20	1,000	018.20.176
5.0 x 25	500	018.20.179
5.0 x 30	500	018.20.181
5.0 x 35	500	018.20.183
5.0 x 40	500	018.20.184
5.0 x 45	200	018.20.185
5.0 x 50	200	018.20.186
5.0 x 60	200	018.20.189
6.0 x 20	500	018.20.206
6.0 x 25	500	018.20.209
6.0 x 30	500	018.20.211
6.0 x 35	500	018.20.213
6.0 x 40	500	018.20.214
6.0 x 60	200	018.20.218

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23





Steel galvanized or yellow chromatized, 4CUT tip with patented wave profile and multi-head **Approval:** Building regulations approved Z-9.1-235

Tippi of all Ballating regulations approved 2 of 1200				
Thread Ø d mm	Head Ø dk mm	Head height k mm	T-star drive size	
3.0	6.0	1.8	TS10	
3.5	7.0	2.1	TS15	
4.0	8.0	2.4	TS20	
4.5	9.0	2.7	TS20	
5.0	10.0	2.9	TS20	
6.0	12.0	3.4	TS30	

Dimensions d x L mm	Packing pieces	Galvanized	Yellow chromatized
3.0 x 12	1,000	018.50.051	018.51.221
3.0 x 13	1,000	_	018.51.222
3.0 x 15	1,000	_	018.51.223
3.0 x 16	1,000	018.50.224	018.51.224
3.0 x 17	1,000	_	018.51.225
3.0 x 20	1,000	018.50.226	018.51.226
3.0 x 25	1,000	018.50.229	018.51.229
3.0 x 30	1,000	018.50.061	_
3.5 x 15	1,000	018.50.083	_
3.5 x 16	1,000	018.50.384	018.51.384
3.5 x 20	1,000	018.50.386	018.51.386
3.5 x 25	1,000	018.50.389	018.51.389
3.5 x 30	1,000	018.50.091	_
3.5 x 35	1,000	018.50.093	_
3.5 x 40	1,000	018.50.094	_
3.5 x 45	1,000	018.50.095	_
4.0 x 15	1,000	018.50.113	018.51.413
4.0 x 16	1,000	018.50.114	_
4.0 x 20	1,000	018.50.116	018.51.416
4.0 x 25	1,000	018.50.119	018.51.419
4.0 x 30	1,000	018.50.121	_

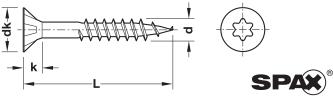
Dimensions d x L mm	Packing pieces	Galvanized	Yellow chromatized
4.0 x 35	1,000	018.50.123	_
4.0 x 40	1,000	018.50.124	_
4.0 x 45	500	018.50.125	_
$4.0 \times 50$	500	018.50.126	_
4.5 x 20	1,000	018.50.146	018.51.446
4.5 x 25	1,000	018.50.149	018.51.449
4.5 x 35	500	018.50.153	_
4.5 x 40	500	018.50.154	_
4.5 x 45	500	018.50.155	_
4.5 x 50	500	018.50.156	_
4.5 x 60	500	018.50.158	_
5.0 x 20	1,000	018.50.176	_
5.0 x 25	1,000	018.50.179	_
5.0 x 30	500	018.50.181	_
5.0 x 35	500	018.50.183	_
5.0 x 40	500	018.50.184	_
5.0 x 45	500	018.50.185	_
5.0 x 50	500	018.50.186	_
5.0 x 60	500	018.50.188	_
6.0 x 50	200	018.50.216	_
6.0 x 60	200	018.50.218	_

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23



# Countersunk head TS, partially threaded





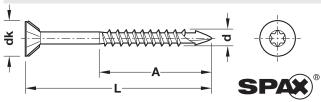
Steel galvanized or yellow chromatized, 4CUT tip with patented wave profile and multi-head **Approval:** Building regulations approved Z-9.1-235

Thread Ø d mm	Head Ø dk mm	Head height k mm	T-star drive size	
3.0	6.0	1.8	TS10	
3.5	7.0	2.1	TS15	
4.0	8.0	2.4	TS20	
4.5	9.0	2.7	TS20	
5.0	10.0	2.9	TS20	
6.0	12.0	3.4	TS30	

,				
<b>Dimensions</b>	Packing	Galvanized	Yellow	
d x L mm	pieces		chromatized	
3.0 x 30	1,000	018.50.231	018.51.231	
3.0 x 35	1,000	018.50.233	018.51.233	
3.0 x 40	1,000	018.50.364	018.51.234	
3.5 x 30	1,000	018.50.391	018.51.391	
3.5 x 35	1,000	018.50.393	018.51.393	
3.5 x 40	1,000	018.50.394	018.51.394	
3.5 x 45	1,000	018.50.395	018.51.395	
3.5 x 50	500	018.50.396	018.51.396	
4.0 x 30	1,000	018.50.421	018.51.421	
4.0 x 35	1,000	018.50.423	018.51.423	
4.0 x 40	1,000	018.50.424	018.51.424	
4.0 x 45	500	018.50.425	018.51.425	
4.0 x 50	500	018.50.426	018.51.426	
4.0 x 55	500	_	018.51.427	
4.0 x 60	500	018.50.428	018.51.428	
4.0 x 65	500	_	018.51.429	
4.0 x 70	500	018.50.430	018.51.430	
4.0 x 80	200	018.50.431	_	
4.5 x 30	1,000	018.50.451	018.51.451	
4.5 x 35	500	018.50.453	018.51.453	
4.5 x 40	500	018.50.454	018.51.454	
4.5 x 45	500	018.50.455	018.51.455	
4.5 x 50	500	018.50.456	018.51.456	
4.5 x 60	500	018.50.458	018.51.458	
4.5 x 70	500	018.50.460	018.51.460	
4.5 x 80	200	018.50.461	018.51.461	
5.0 x 30	500	018.50.481	018.51.481	
5.0 x 35	500	018.50.483	018.51.483	
5.0 x 40	500	018.50.484	018.51.484	

Dimensions	Packing	Galvanized	Yellow
d x L mm	pieces		chromatized
5.0 x 45	500	018.50.485	018.51.485
5.0 x 50	500	018.50.486	018.51.486
5.0 x 55	500	018.50.487	018.51.487
5.0 x 60	500	018.50.488	018.51.488
5.0 x 70	200	018.50.490	018.51.490
5.0 x 80	200	018.50.491	018.51.491
5.0 x 90	200	018.50.492	_
5.0 x 100	200	018.50.493	018.51.493
5.0 x 120	200	018.50.495	018.51.495
6.0 x 40	500	_	018.51.514
6.0 x 50	200	018.50.516	018.51.516
6.0 x 60	200	018.50.518	018.51.518
6.0 x 70	200	018.50.520	018.51.520
6.0 x 80	200	018.50.521	018.51.521
6.0 x 90	200	018.50.522	018.51.522
6.0 x 100	100	018.50.523	018.51.523
6.0 x 110	100	018.50.524	018.51.524
6.0 x 120	100	018.50.525	018.51.525
6.0 x 130	100	_	018.51.526
6.0 x 140	100	018.50.527	018.51.527
6.0 x 150	100	018.50.528	018.51.528
6.0 x 160	100	018.50.529	018.51.529
6.0 x 180	100	018.50.531	018.51.530
6.0 x 200	100	018.50.533	018.51.531
6.0 x 220	100	018.50.534	018.51.532
6.0 x 240	100	018.50.535	018.51.533
6.0 x 260	100	018.50.536	018.51.534
6.0 x 280	100	018.50.537	018.51.535
6.0 x 300	100	_	018.51.536



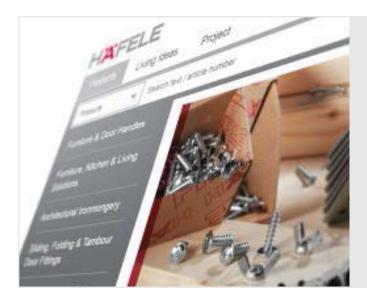


Steel, galvanized, low-friction coating, makes it possible to screw into MDF materials and thinwalled boards without pilot drilling, Small router bit 75°

Thread Ø d mm	Head Ø dk mm	Drive
3.5	6.0	TS15
4.0	7.0	TS20
4.5	8.0	TS25

Dimensions d x L mm	Dim. A mm	Packing pieces	Cat. No.
3.5 x 40	28	200	018.90.094
3.5 x 45	30	200	018.90.095
3.5 x 50	35	200	018.90.096
4.0 x 40	28	200	018.90.124
4.0 x 45	30	200	018.90.125
4.0 x 50	35	200	018.90.126

<b>Dimensions</b>	Dim. A	Packing	Cat. No.	
d x L mm	mm	pieces		
4.0 x 60	40	100	018.90.128	
4.5 x 45	30	200	018.90.155	
4.5 x 50	35	200	018.90.156	
Cover caps ►MT 1.33			►MT 1.33	
Bits and accessories			►MT 6.23	



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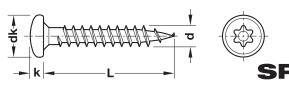
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# Pan head TS, fully threaded





Steel galvanized,

4CUT tip with patented wave profile and multi-head **Approval:** Building regulations approved Z-9.1-235

Thread Ø d mm	Head Ø dk mm	Head height k mm	Drive TS
3.0	6.0	2.4	TS10
3.5	7.0	2.5	TS15
4.0	8.0	2.9	TS20
4.5	9.0	3.2	TS20
5.0	10.0	3.5	TS20

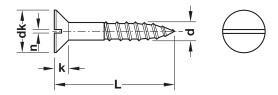
Dimensions d x L		Cat. No.
<b>mm</b>	pieces	010 70 051
3.0 x 12	1,000	018.70.051
3.0 x 15	1,000	018.70.053
3.0 x 17	1,000	018.70.055
3.0 x 20	1,000	018.70.056
3.0 x 25	1,000	018.70.059
3.0 x 30	1,000	018.70.061
3.5 x 12	1,000	018.70.081
3.5 x 15	1,000	018.70.083
3.5 x 16	1,000	018.70.084
3.5 x 20	1,000	018.70.086
3.5 x 25	1,000	018.70.089
3.5 x 30	1,000	018.70.091
3.5 x 35	1,000	018.70.093
3.5 x 40	1,000	018.70.094
4.0 x 12	1,000	018.70.111
4.0 x 15	1,000	018.70.113
4.0 x 16	1,000	018.70.114
4.0 x 20	1,000	018.70.116
4.0 x 25	1,000	018.70.119
4.0 x 30	1,000	018.70.121
4.0 x 35	1,000	018.70.123
4.0 x 40	500	018.70.124
4.0 x 45	500	018.70.125
4.5 x 15	1,000	018.70.143

Dimensions d x L		Cat. No.
mm	pieces	
4.5 x 16	1,000	018.70.144
4.5 x 17	1,000	018.70.145
4.5 x 20	1,000	018.70.146
4.5 x 25	1,000	018.70.149
4.5 x 30	500	018.70.151
4.5 x 35	500	018.70.153
4.5 x 40	500	018.70.154
4.5 x 45	500	018.70.155
4.5 x 50	500	018.70.156
5.0 x 16	1,000	018.70.174
5.0 x 17	1,000	018.70.175
5.0 x 20	1,000	018.70.176
5.0 x 25	500	018.70.179
5.0 x 30	500	018.70.181
5.0 x 35	500	018.70.183
5.0 x 40	500	018.70.184
5.0 x 45	200	018.70.185
5.0 x 50	200	018.70.186
5.0 x 60	200	018.70.188

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

## Countersunk head flat blade DIN 97





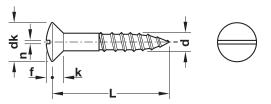
# Brass bright

Thread Ø d mm	Head Ø dk mm	Head height k mm	Slot recess dim. n mm
2.5	4.7	1.5	0.6
3.0	5.6	1.6	0.8
3.5	6.5	1.9	0.8
4.0	7.5	2.2	1.0

Dimensions d x L	Packing	Cat. No.
mm	pieces	
2.0 x 10	500	011.00.107
2.5 x 12	500	011.00.214
2.5 x 16	500	011.00.232
2.5 x 20	500	011.00.241
3.0 x 16	200	011.00.438
3.0 x 20	200	011.00.447
3.0 x 25	200	011.00.458
3.5 x 12	200	011.00.510
3.5 x 16	200	011.00.529
3.5 x 20	200	011.00.538
3.5 x 25	200	011.00.547
3.5 x 30	200	011.00.556
3.5 x 35	200	011.00.565
3.5 x 45	200	011.00.583
4.0 x 16	200	011.00.604
4.0 x 20	200	011.00.605
4.0 x 25	200	011.00.606
4.0 x 30	200	011.00.607

# Raised countersunk head flat blade DIN 95





# Brass bright

Thread Ø d mm	Head Ø dk mm	Head height k mm	Slot recess dim. n mm
2.5	4.7	1.5	0.6
3.0	5.6	1.6	0.8
3.5	6.5	1.9	0.8

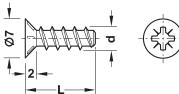
Dimensions d x L mm	Packing pieces	Cat. No.
2.5 x 12	500	011.20.216
2.5 x 16	500	011.20.234
2.5 x 20	500	011.20.243
3.0 x 16	200	011.20.430
3.0 x 20	200	011.20.447
3.0 x 25	200	011.20.458
3.5 x 16	200	011.20.529
3.5 x 20	200	011.20.538
3.5 x 25	200	011.20.547
3.5 x 30	200	011.20.556

Flat blade screwdriver ►MT 4.20
---------------------------------



## Countersunk head PZ, fully threaded







Steel,

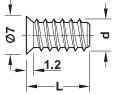
for drill hole Ø 3 mm in wood

Thread Ø d mm	Pitch	Body Ø mm	Drive
4.2	2.0	2.8	PZ2

Dimensions d x L mm	Packing pieces	Galvanized	Nickel plated
Orga-Box			
4.2 x 10.5	100 or 1,000	013.14.810	_
4.2 x 13.5	100 or 1,000	013.14.820	_
4.2 x 16	100 or 1,000	013.14.830	_
Big-Pack			
4.2 x 10.5	5,000	012.14.810	_
4.2 x 13.5	5,000	012.14.820	012.14.620

# Countersunk head PZ, fully threaded









Steel, nickel plated, for drill holes with Ø 5 mm, for screwing into aluminium profiles

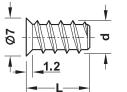
Thread Ø d mm	Pitch	Body Ø mm	Drive
6.0	1.6	4.7	PZ2

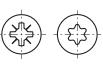
Packing: 100 or 1,000 pieces

Dimensions d x L mm	Cat. No.
Orga-Box	·
6.0 x 10.5	013.04.712

## PZ and TS Countersunk head, fully threaded









Steel galvanized, for drill hole Ø 5 mm in wood

Thread Ø d mm	Pitch	Body Ø mm	Drive
6.0	2.2	4.6	PZ2/TS20

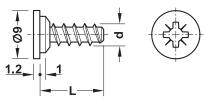
Dimensions d x L mm	Packing pieces	Galvanized	
Drive PZ2 cross slot	, Orga-Box		
6.0 x 8	100 or 1,000	013.14.908	
6.0 x 10.5	100 or 1,000	013.14.910	
6.0 x 13.5	100 or 1,000	013.14.920	
6.0 x 16	100 or 1,000	013.14.930	
6.0 x 25	100 or 1,000	013.14.950	
Drive PZ2 cross slot	, Big-Pack		
6.0 x 8	8,000	012.14.908	
6.0 x 10.5	5,000	012.14.910	
6.0 x 13.5	5,000	012.14.920	
6.0 x 25	3,000	012.14.950	
TS20 T-star drive, Orga-Box			
6.0 x 8	100 or 1,000	013.40.908	
6.0 x 10.5	100 or 1,000	013.40.910	
6.0 x 13.5	100 or 1,000	013.40.920	

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23

# MT 2018, HDE, 10/17; Dimensional data not binding. We reserve the right to alter specifications without notice.

# Cylindrical head PZ, fully threaded







Steel galvanized or nickel plated,

for Variant drawer runners, cruciform mounting plates, cabinet connectors and connecting fittings,

for drill holes with Ø 3 mm

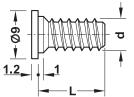
Thread Ø d mm	Pitch	Body Ø mm	Drive
4.2	2.0	2.8	PZ2

Packing: 100 or 1,000 pieces

Dimensions d x L mm	Cat. No.
Orga-Box	
4.2 x 10.5	013.20.814
4.2 x 13.5	013.20.832

# Cylindrical head PZ, fully threaded









Steel nickel plated, for drill holes with Ø 5 mm, for screwing into aluminium profiles

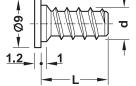
Thread Ø d mm	Pitch	Body Ø mm	Drive
6.0	1.6	4.7	PZ2

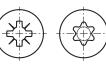
Packing: 100 or 1,000 pieces

Dimensions d x L mm	Cat. No.
Orga-Box	
6.0 x 10.5	013.08.710
6.0 x 12	013.08.729

## Cylindrical head, fully threaded









Steel galvanized or nickel plated,

e.g. for Variant drawer runners, universal and rear panel brackets, Rasant-Tab cabinet connectors, for drill holes with  $\emptyset$  5 mm

Thread Ø d mm	Pitch	Body Ø mm
6.2	2.2	4.6

Dimensions d x L mm	Packing pieces	Galvanized	Nickel plated
Drive PZ2 cro	oss slot, Orga-I	Вох	
6.2 x 10.5	100 or 1,000	013.20.912	013.20.716
6.2 x 13.5	100 or 1,000	013.20.930	013.20.734
6.2 x 16	100 or 1,000	013.20.949	013.20.743

## Drive PZ2 cross slot, Big-Pack

6.2 x 10.5	5,000	012.20.912	012.20.716
6.2 x 13.5	2,500	012.20.930	012.20.734
6.2 x 16	2,500	012.20.949	012.20.743

# TS20 T-star drive, Orga-Box

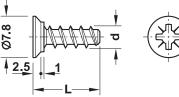
6.2 x 10.5	100 or 1,000	013.42.912	_
6.2 x 13.5	100 or 1,000	013.42.930	_
6.2 x 16	1,000	013.42.949	_

Cover caps	►MT 1.33
Bits and accessories	►MT 6.23



## Countersunk head PZ, fully threaded







Steel, nickel plated,

for cruciform mounting plates, cabinet connectors and connecting fittings,

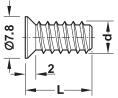
for drill holes with Ø 3 mm

Thread Ø d mm	Pitch	Body Ø mm	Drive
4.2	2.0	2.8	PZ2

Dimensions d x L mm	Packing pieces	Cat. No.
Orga-Box		
4.2 x 10.5	100 or 1,000	013.15.617
4.2 x 13.5	100 or 1,000	013.15.626
4.2 x 16	100 or 1,000	013.15.635
Big-Pack		
4.2 x 13.5	5,000	012.15.626

## Countersunk head PZ, fully threaded









Steel nickel plated, for drill holes with Ø 5 mm,

for screwing into aluminium profiles

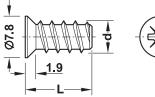
Thread Ø d mm	Pitch	Body Ø mm	Drive
6.0	1.6	4.7	PZ2

Packing: 100 or 1,000 pieces

Dimensions d x L mm	Cat. No.
Orga-Box	
6.0 x 10.5	013.05.719

### **Countersunk head PZ and TS**







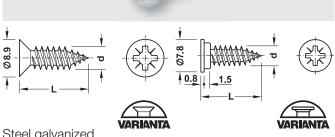
Steel nickel plated or black, for drill holes with Ø 5 mm

Thread Ø d mm	Pitch	Body Ø mm	Drive
6.2	2.2	4.6	PZ2/TS20

Dimensions d x L mm	Packing pieces	Cat. No.	
Drive PZ2 cross slot, O	rga-Box		
6.2 x 10.5	100 or 1,000	013.15.715	
6.2 x 10.5	100 or 1,000	013.15.317	
6.2 x 13.5	100 or 1,000	013.15.724	
6.2 x 13.5	100 or 1,000	012.15.324	
6.2 x 16	100 or 1,000	013.15.733	
6.2 x 16	100 or 1,000	013.15.330	
Drive PZ2 cross slot, B	ig-Pack		
6.2 x 10.5	5,000	012.15.715	
6.2 x 13.5	5,000	012.15.724	
6.2 x 16	5,000	012.15.733	
TS20 T-star drive, Orga-Box			
6.2 x 10.5	100 or 1,000	013.41.715	
6.2 x 13.5	100 or 1,000	013.41.724	

Bits and accessories	►MT 6.23
Cover caps	►MT 1.33





Steel galvanized,

for lightweight panels with top layers of 4 mm and above, irrespective of the structure of the core Note:

Other fittings such as hinges, runners, shelf supports, etc. can also be fixed using these screws.

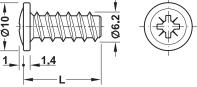
Thread Ø d mm	for drill hole Ø mm	Drive
5.5	3.0	PZ2
6.2	5.0	PZ2
7.0	5.0	PZ2

Packing: 100 or 1,000 pieces

Dimensions d x L mm	Type of head/drive	Cat. No.
5.5 x 12.5	Cylindrical head	013.30.901
5.5 x 14	Cylindrical head	013.30.900
6.2 x 14	Cylindrical head	013.30.910
7.0 x 13	Countersunk head	013.31.910

# Flat head panel fixing screw





Steel galvanized, for drill hole Ø 5 mm in wood, for Matrix runners

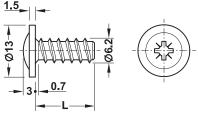
Head ∅ mm	Thread Ø d mm	Pitch	Body Ø mm	Drive
10	6.2	2.2	4.2	PZ2

Packing: 100 or 1,000 pieces

Dimensions d x L mm	Cat. No.
6.2 x 13.5	013.10.902

## Flat head PZ, fully threaded





Steel galvanized,

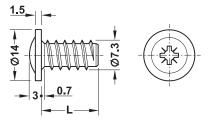
for drill hole Ø 5 mm in wood

Thread Ø d mm	Pitch	Body Ø mm	Drive
6.2	2.3	4.2	PZ2

Dimensions d x L mm	Packing pieces	Cat. No.
Orga-Box		
6.2 x 13.5	200 or 1,000	013.10.149
6.2 x 19	100 or 500	013.10.190
6.2 x 27.5	100 or 500	013.10.283

# Flat head PZ, fully threaded





Steel galvanized,

for Ø 6 mm drill holes in plastic

Thread Ø d mm	Pitch	Body Ø mm	Drive
7.3	2.2	5.5	PZ2

Packing: 100 or 500 pieces

Dimensions d x L mm	Cat. No.
Orga-Box	
7.3 x 14	013.12.143



### Cover caps made from plastic

For chipboard screws with countersunk head

### Note:

Specified colours that are similar to RAL colours are not binding and merely for your guidance.

→ For screw head with central hole

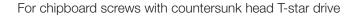


For chipboard screws and countersunk head screws with central hole 2.5 mm

Colour	Packing pieces	Cat. No.
Pine coloured	500 or 5,000	045.04.009
Fawn brown, RAL 8007	500 or 5,000	045.04.107
Black, RAL 9005	500 or 5,000	045.04.303
Beige, RAL 1015	500 or 5,000	045.04.401
Light grey, RAL 7035	500 or 5,000	045.04.509
Dust grey, RAL 7037	500 or 5,000	045.04.527
Cherry wood	100 or 500	045.04.620
Pure white, RAL 9010	500 or 5,000	045.04.705
Cream white, RAL 9001	5,000	045.04.471

→ For screw head with T-star drive





Packing: 500 pieces

Colour	Cat. No.	
A For TS15 T-star drive		
Pure white, RAL 9010	045.36.715	
Light grey, RAL 7035	045.36.515	
Black, RAL 9005	045.36.315	
A For TS20 T-star drive		
Pure white, RAL 9010	045.36.720	
Light grey, RAL 7035	045.36.520	
Black, RAL 9005	045.36.320	
Fawn brown, RAL 8007	045.36.120	
Sepia brown, RAL 8014	045.36.121	
B For TS25 T-star drive		
Pure white, RAL 9010	045.36.725	
Black, RAL 9005	045.36.325	

→ For screw head with cross slot



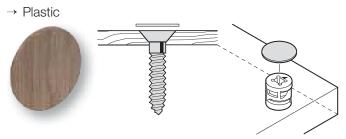






Colour	Packing pieces	Cat. No.
A For PZ2 cross slot		
Pure white, RAL 9010	1,000	045.03.726
Black, RAL 9005	100 or 5,000	045.03.320
Pine coloured, similar to RAL 1034	100 or 1,000	045.03.020
Fawn brown, RAL 8007	1,000	045.03.128

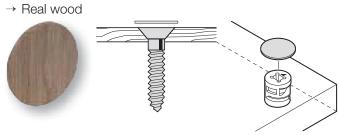
### Cover caps made of plastic or real wood



For covering screw heads or Minifix connector housings,

Thickness: 0.5 mm,

Installation: For glue fixing (self-adhesive)



For covering screw heads or Minifix connector housings, can be sanded, stained or surface treated,

colours may vary, Thickness: 0.5 mm,

Installation: For glue fixing (self-adhesive)

Finish/colour	Packing pieces	Cat. No.
Ø 13 mm	•	
Can be painted	20 or 2,000	045.23.060
White aluminium, RAL 9006	20 or 2,000	045.23.230
Chrome plated	20 or 2,000	045.23.250
Beech	20 or 2,000	045.23.470
Wenge, wood structure	20 or 2,000	045.23.750
Aluminium	20 or 2,000	045.23.950
Ø 14 mm		
White	52 or 1,040	045.23.700
Black	52 or 1,040	045.23.300
Light grey	52 or 1,040	045.23.500
Beech, wood structure	52 or 1,040	045.23.310
Oak, wood structure	52 or 1,040	045.23.410
Pine, wood structure	52 or 1,040	045.23.010
Ø 16 mm		
Can be painted	20 or 1,000	045.23.070
White aluminium, RAL 9006	20 or 1,000	045.23.260
Chrome plated	20 or 1,000	045.23.270
Beech	20 or 1,000	045.23.480
Wenge	20 or 1,000	045.23.770
Aluminium	20 or 1,000	045.23.960
Ø 18 mm		
White	36 or 720	045.25.700
Black	36 or 720	045.25.300
Light grey	36 or 720	045.25.500
Beech, wood structure	36 or 720	045.25.310
Oak, wood structure	36 or 720	045.25.410
Pine, wood structure	36 or 720	045.25.010

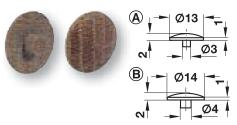
Material	Packing pieces	Cat. No.
Ø 14 mm		
Oak	52 or 1,040	045.24.400
Pine	52 or 1,040	045.24.000
Maple	52 or 1,040	045.24.100
Cherry wood	52 or 1,040	045.24.600
Ash	52 or 1,040	045.24.500
Ø 18 mm		
Oak	36 or 720	045.26.400
Pine	36 or 720	045.26.000
Maple	36 or 720	045.26.100
Cherry wood	36 or 720	045.26.600
Ash	36 or 720	045.26.500



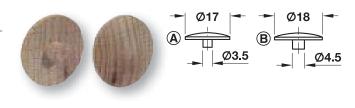
### Cover caps made from real wood

For covering chipboard screws with cross slot or T-star drive, can be stained or surface treated, colours may vary

→ For chipboard screws with cross slot or T-star drive



→ For Häfele Minifix connector housing



Finish: Untreated **Packing:** 1 or 100 pieces

Material Cat. No. A For PZ2 cross slot or TS15/20 T-star drive Maple 045.32.110 Beech, steamed 045.32.310 Oak 045.32.410 Ash 045.32.510 Pine 045.32.010 B For PZ3 cross slot or TS25 T-star drive Beech, steamed 045.32.320

Finish: Untreated

Packing: 1 or 100 pieces

Material	Cat. No.	
A For Minifix 12 and 15 connector housing		
Maple	045.29.100	
Beech, steamed	045.29.300	
Oak	045.29.400	
B For Minifix 15 connector housing		
Pine	045.30.000	
Maple	045.30.100	
Beech, steamed	045.30.300	
Oak	045.30.400	
Ash	045.30.500	

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### Cover caps solid wood

Untreated, can be stained and surface treated, colours may vary For push fitting into blind holes

→ For Ø 8 mm drill hole

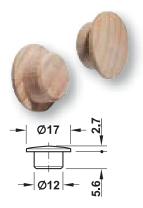




Packing: 1 or 100 pieces

Material	Cat. No.
Beech, steamed	045.33.310
Pine	045.33.010
Oak	045.33.410
Maple	045.33.110
Ash	045.33.510

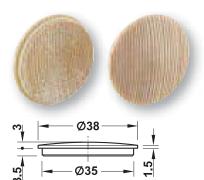
→ For Ø 12 mm drill hole



Packing: 1 or 100 pieces

Material	Cat. No.
Beech, steamed	045.33.360
Pine	045.33.060
Oak	045.33.460
Maple	045.33.160
Ash	045.33.560

→ For Ø 35 mm drill holes, e.g. for cup drillings

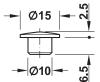


Packing: 1 or 100 pieces

Material	Cat. No.
Pine	045.31.000
Maple	045.31.100
Beech, steamed	045.31.300
Oak	045.31.400
Ash	045.31.500

→ For Ø 10 mm drill hole



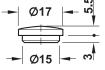


Packing: 1 or 100 pieces

Material	Cat. No.
Beech, steamed	045.33.350
Pine	045.33.050
Oak	045.33.450
Maple	045.33.150
Ash	045.33.550

→ For Ø 15 mm drill hole





Packing: 1 or 100 pieces

Material	Cat. No.
Beech, steamed	045.33.370
Pine	045.33.070
Oak	045.33.470
Maple	045.33.170
Ash	045.33.570

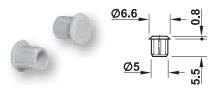




### Cover caps plastic

For push fitting into blind holes

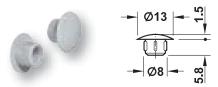
→ For Ø 5 mm drill hole



Packing: 500 pieces

Colour	Cat. No.
White, RAL 9010	045.20.702
Light grey, RAL 7035	045.20.502
Dark brown, RAL 8014	045.20.102

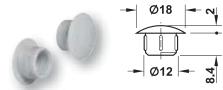
→ For Ø 8 mm drill hole



Packing: 500 pieces

Colour	Cat. No.
White, RAL 9010	045.00.789
Light grey, RAL 7035	045.00.580
Black, RAL 9005	045.00.387
Fawn brown, RAL 8007	045.00.181

→ For Ø 12 mm drill hole

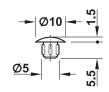


Packing: 500 pieces

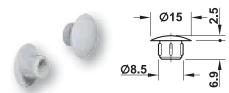
Colour	Cat. No.
White, RAL 9010	045.00.734
Light grey, RAL 7035	045.00.534
Black, RAL 9005	045.00.332
Fawn brown, RAL 8007	045.00.234
Dark brown, RAL 8014	045.00.136

→ For Ø 5 mm drill hole

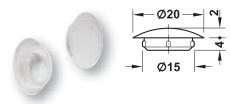




 $\rightarrow$  For Ø 8.5 mm drill hole



 $\rightarrow$  For Ø 15 mm drill hole



Packing: 500 pieces

Colour	Cat. No.
White, RAL 9010	024.02.753
Light grey, RAL 7035	024.02.555
Black, RAL 9005	024.02.355
Fawn brown, RAL 8007	024.02.155

Packing: 500 pieces

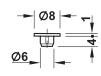
Colour	Cat. No.
White, RAL 9010	045.00.725
Light grey, RAL 7035	045.00.529

Packing: 500 pieces

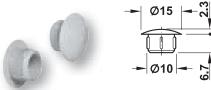
Colour	Cat. No.
White, RAL 9010	045.00.760
Dark brown, RAL 8014	045.00.160
Light grey, RAL 7035	045.00.561
Black, RAL 9005	045.00.360

→ For Ø 6 mm drill hole





 $\rightarrow$  For Ø 10 mm drill hole



Ø35.5

Packing: 100 or 500 pieces

Colour	Cat. No.
Brown, RAL 8007	045.00.158
Pine coloured, RAL 1014	045.00.159
Beech coloured, RAL 1011	045.00.358
Graphite black, RAL 9011	045.00.359
Light grey, RAL 7035	045.00.559
White, RAL 9010	045.00.759

Packing: 500 pieces

Colour	Cat. No.
White, RAL 9010	045.00.743
Light grey, RAL 7035	045.00.540
Black, RAL 9005	045.00.341
Fawn brown, RAL 8007	045.00.243
Dark brown, RAL 8014	045.00.145

Packing: 10 or 100 pieces

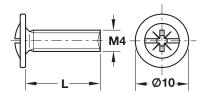
→ For Ø 35 mm drill hole

Colour	Cat. No.
White, RAL 9010	262.86.790
Fawn brown, RAL 8007	262.86.190
Black, RAL 9005	262.86.390

### Flat head combination cross slot



Steel galvanized, M4 thread e.g. for fixing furniture handles and knobs

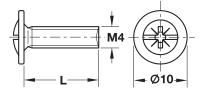


Length L mm	Packing pieces	Cat. No.	Length L	Packing pieces	Cat. No.
Orga-Box			Big-Pack		
8	100 or 1,000	022.35.081	8	5,000	022.45.081
9	100 or 1,000	022.35.090	9	5,000	022.45.090
10	100 or 1,000	022.35.109	10	5,000	022.45.109
12	100 or 1,000	022.35.127	12	5,000	022.45.127
15	100 or 1,000	022.35.154	15	5,000	022.45.154
18	100 or 1,000	022.35.181	18	5,000	022.45.181
20	100 or 1,000	022.35.207	20	5,000	022.45.207
22	100 or 1,000	022.35.225	22	5,000	022.45.225
23	100 or 1,000	022.35.234	23	5,000	022.45.234
24	100 or 1,000	022.35.243	24	5,000	022.45.243
25	100 or 1,000	022.35.252	25	5,000	022.45.252
26	100 or 500	022.35.261	26	5,000	022.45.261
27	100 or 500	022.35.270	27	5,000	022.45.270
28	100 or 500	022.35.289	28	5,000	022.45.289
30	100 or 500	022.35.305	30	3,000	022.45.305
32	100 or 500	022.35.323	32	3,000	022.45.323
35	100 or 500	022.35.350	35	3,000	022.45.350
38	100 or 500	022.35.387	38	3,000	022.45.387
40	100 or 500	022.35.403	40	3,000	022.45.403
42	100 or 500	022.35.420	42	3,000	022.45.420
45	100 or 500	022.35.458	45	3,000	022.45.458
50	100 or 500	022.35.501			
55	100 or 300	022.35.550			
60	100 or 300	022.35.609	Bits and accesso	ories	►MT 6.23



### Flat head combination cross slot





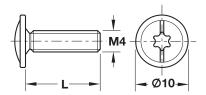
Steel, nickel plated, M4 thread

e.g. for fixing furniture handles and knobs

Length L mm	Packing pieces	Cat. No.
Orga-Box		
15	100 or 1,000	022.34.157
25	100 or 1,000	022.34.255
30	100 or 500	022.34.308
Big-Pack		
15	5,000	022.44.157
25	5,000	022.44.255

### Flat head, TS20 T-star drive





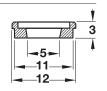
Steel galvanized, M4 thread e.g. for fixing furniture handles and knobs

Length L mm	Packing pieces	Cat. No.
8	100 or 1,000	022.38.002
9	100 or 1,000	022.38.003
10	100 or 1,000	022.38.004
12	100 or 1,000	022.38.005
15	100 or 1,000	022.38.006
20	100 or 1,000	022.38.008
22	100 or 1,000	022.38.009
23	100 or 1,000	022.38.010
25	100 or 1,000	022.38.012
28	100 or 500	022.38.015
30	100 or 500	022.38.016
35	100 or 500	022.38.018
40	100 or 500	022.38.020
60	100 or 500	022.38.026

►MT 1.33
►MT 6.23

### Screw cup







DIN 125 washer





Plastic transparent

Packing: 100 or 5,000 pieces

	Cat. No.
Screw cup	037.03.400

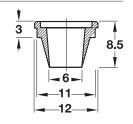
Plastic opaque

Packing: 100 or 1,000 pieces

	Cat. No.
DIN 125 washer	037.01.022

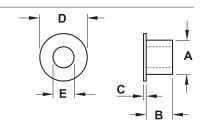
### Inset cup





Inset cup





Plastic transparent

Packing: 100 or 5,000 pieces

	Cat. No.
Inset cup	037.03.410

Plastic natural **Packing:** 100 pieces

Diameter	Dim. A	Dim. B	Dim. C	Dim. E	Cat. No.
D mm	mm	mm	mm	mm	
9	5.8	4	0.9	4.2	037.03.000
9	6.8	4	0.8	4.4	037.03.020
9	6.8	5	0.8	4.4	037.03.010
12.5	6.9	5.3	1.7	4.1	037.03.030





Häfele is your partner for successful projects. As well as the large selection of furniture fittings and architectural hardware in the "Complete Häfele" catalogues, the "Compact" appears every quarter.

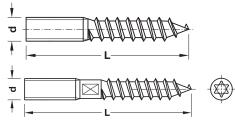
The "Compact" provides you with attractive opportunities for completing your equipment with power tools and PPE equipment.





### Wood to metal dowel





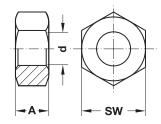
### Steel galvanized

Dimensions d x L	Drive	Packing	Cat. No.
mm		pieces	
Without drive			
M4 x 20	_	500	026.10.901
M4 x 30	_	500	026.10.902
M4 x 40	_	500	026.10.903
M4 x 50	_	500	026.10.904

With TS T-star drive				
M6 x 50	TS15	100	026.12.923	
M6 x 80	TS15	100	026.12.926	
M8 x 60	TS25	100	026.12.942	
M8 x 80	TS25	100	026.12.944	
M8 x 100	TS25	100	026.12.946	

### Hexagonal nut in acc. with DIN 934



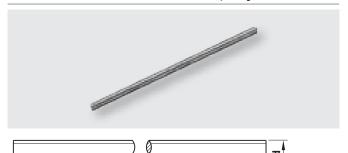


Steel galvanized

Thread Ø d	Dim. A	Key size SW mm
M4	3.2	7.0
M5	4.0	8.0
M6	5.0	10.0
M8	6.5	13.0
M10	8.0	17.0

Thread Ø d	Packing pieces	Cat. No.
M4	250	034.16.904
M5	250	034.16.905
M6	250	034.16.906
M8	250	034.16.908
M10	100	034.16.910

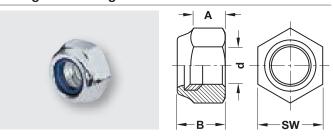
### Threaded bar in acc. with DIN 975, fully threaded



Steel galvanized Length L: 1,000 mm

Thread Ø d	Packing pieces	Cat. No.
M6	50	020.80.906
M8	25	020.80.908
M10	25	020.80.910
M12	10	020.80.912

### Hexagonal locking nut in acc. with DIN 985



Steel with plastic ring galvanized

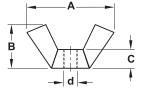
Thread Ø d	Dim. B	Dim. A	Key size SW mm
M5	5.0	3.5	8.0
M6	6.0	4.5	10.0

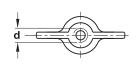
Packing: 250 pieces

Thread Ø D	Cat. No.
M5	034.18.905
M6	034.18.906

### Wing nut







Steel galvanized, US shape (similar to DIN 315)

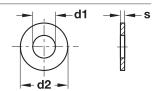
Thread Ø d	Dim. A	Dim. B	Dim. C
	mm	mm	mm
M4	21.0	9.0	3.2
M5	21.0	9.0	3.5
M6	24.0	11.0	4.0
M8	28.0	14.0	5.0

Packing: 100 pieces

Thread Ø d	Cat. No.
M4	034.40.904
M5	034.40.905
M6	034.40.906
M8	034.40.908
	· ·

### Washer in acc. with DIN 125 and DIN EN ISO 7089



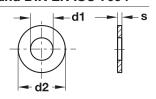


Steel galvanized

Inter- nal Ø d1 mm	Exter- nal Ø d2 mm	Material thickness s mm	Packing pieces	Cat. No.
3.2	7	0.5	250	037.20.903
4.3	9	0.8	250	037.20.904
5.3	10	1.0	250	037.20.905
6.4	12.5	1.6	250 or 1,000	037.20.906
8.4	16	1.6	250	037.20.908
10.5	20	2.0	250	037.20.910
13	24	2.5	100	037.20.912

### Washer in acc. with DIN 440 and DIN EN ISO 7094





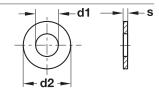
Steel galvanized

Packing: 100 pieces

Internal Ø d1 mm	External Ø d2 mm	Material thickness s mm	Cat. No.
6.6	22	2.0	037.21.906
9	28	3.0	037.21.908
11	34	3.0	037.21.910

### Washer in acc. with DIN 9021 and DIN EN ISO 7093



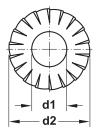


Steel galvanized

Inter- nal Ø d1 mm	Exter- nal Ø d2 mm	Material thickness s mm	Packing pieces	Cat. No.
4.3	12	1.0	250	037.22.904
5.3	15	1.2	250 or 1,000	037.22.905
6.4	18	1.6	250 or 1,000	037.22.906
8.4	24	2.0	100 or 500	037.22.908
10.5	30	2.5	100 or 200	037.22.909

### Lock washer in acc. with DIN 6798





Steel galvanized Packing: 250 pieces

Internal Ø d1 mm	External Ø d2 mm	Cat. No.
6.4	11	037.40.906
8.4	15	037.40.908

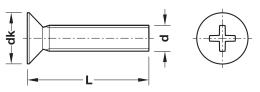


### Countersunk head PH DIN 965, fully threaded



### Steel galvanized

Thread Ø d	Head Ø dk mm	Drive
M4	7.5	PH2
M5	9.2	PH2
M6	11.0	PH3
M8	14.5	PH4



Dimensions d x L mm	Packing pieces	Cat. No.
M4 x 8	250 or 1,000	020.07.063
M4 x 10	250 or 1,000	020.07.064
M4 x 12	250 or 1,000	020.07.065
M4 x 16	100 or 1,000	020.07.066
M4 x 20	250 or 1,000	020.07.067
M4 x 25	250 or 1,000	020.07.068
M4 x 30	250 or 1,000	020.07.069
M4 x 35	250	020.07.070
M4 x 40	250	020.07.071
M4 x 45	250	020.07.072
M4 x 50	250	020.07.073
M4 x 60	250	020.07.075
M4 x 70	250	020.07.077
M4 x 80	250	020.07.079

Dimensions d x L mm	Packing pieces	Cat. No.
M5 x 10	250 or 1,000	020.07.094
M5 x 20	250	020.07.097
M5 x 25	250	020.07.098
M5 x 30	250	020.07.099
M5 x 40	250	020.07.101
M5 x 50	250	020.07.103
M6 x 16	250	020.07.126
M6 x 20	250	020.07.127
M6 x 25	250	020.07.128
M6 x 30	250	020.07.129
M6 x 35	250	020.07.130
M6 x 40	250	020.07.131
M8 x 20	100	020.07.157

### Countersunk head screw SW4, fully threaded without drill point



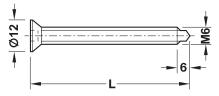


Steel galvanized, nickel plated or burnished, in accordance with DIN 7991, but fully threaded

Length L mm	Finish	Packing pieces	Cat. No.
22	Galvanized	100 or 1,000	264.98.922
35	Galvanized	100 or 1,000	264.98.935
40	Galvanized	100 or 1,000	264.98.940
45	Galvanized	100 or 1,000	264.98.945
50	Nickel plated	100 or 1,000	264.70.750
60	Nickel plated	100 or 1,000	264.70.760
60	Galvanized	100 or 1,000	264.98.960
60	Burnished	100 or 1,000	264.70.160
70	Nickel plated	100 or 1,000	264.70.770
80	Galvanized	100 or 500	264.98.980

### Countersunk head screw SW4, partially threaded with drill point





Steel galvanized, in accordance with DIN 7991

Length L mm	Finish	Packing pieces	Cat. No.
70	Galvanized	100 or 800	264.70.971

### Flat head screw SW4, partially threaded



### Rosette

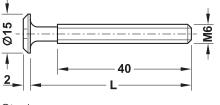




Stee

Packing: 100 or 1,000 pieces

Finish	Cat. No.
Nickel plated	264.73.750
Burnished	264.73.150



Steel

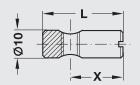
Length L mm	Packing pieces	Cat. No.
60	100 or 1,000	264.71.760
90	100 or 500	264.71.790



### **Cross dowel**

→ With M6 thread, eccentric





### Steel bright

Length L mm	Dim. X mm	Packing pieces	Cat. No.
14	8	100 or 1,000	264.81.014
30	20	100 or 500	264.81.030

→ With M6 thread, centric





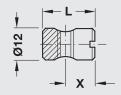
### Steel bright

Packing: 100 or 1,000 pieces

Length L mm	Cat. No.
14	264.82.014
20	264.82.020

→ With M6 and M8 thread, eccentric





### Steel galvanized

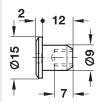
Packing: 100 or 500 pieces

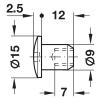
Length L mm	Dim. X mm	Thread	Cat. No.
20	12	M6	264.83.921
20	12	M8	264.83.920

### Sleeve nut

→ Hexagon socket SW4





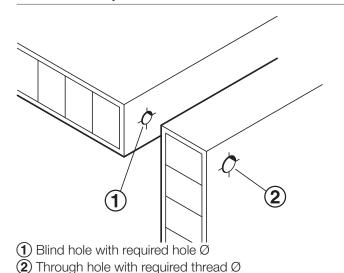


Steel

Packing: 100 or 2000 pieces

Finish	Cat. No.
With pan head	
Nickel plated	264.74.762
With flat head	
Nickel plated	264.75.762
Burnished	264.75.162

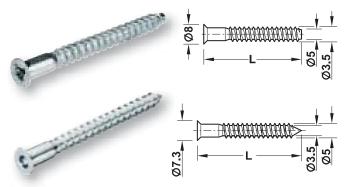
### Confirmat one-piece connector



For drill hole Ø 5 mm, countersunk head

Steel Shank Ø: 6.3/7 mm

→ For drill hole Ø 4 mm, countersunk head



Steel
Shank Ø: 5 mm

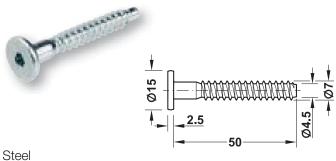
Dimensions d x L mm	Packing pieces	Galvanized
With PZ2 cross slot		
5.0 x 38	100 or 2,000	264.37.098
5.0 x 50	100 or 2,000	264.37.196

With SW3 hexagon socket, with drill point		
5.0 x 50	1, 100 or 2,000	264.39.192

### **Dimensions** Packing Galvanized Black d x L mm pieces With PZ3 cross slot and head recess 3.0 mm 6.3 x 50 100 or 1,000 264.52.190 7.0 x 38 100 or 1,500 264.42.091 7.0 x 40 2000 264.42.180 7.0 x 50 100 or 1,000 264.42.190 $7.0 \times 70$ 100 or 1,000 264.42.291

### With hexagon socket SW4 6.3 x 50 100 or 1,000 264.53.190 7.0 x 38 100 or 1,500 264.43.091 7.0 x 50 100 or 1,000 264.43.600 264.43.111 7.0 x 70 100 or 1,000 264.43.291 264.43.211

 $\rightarrow$  For drill hole Ø 5 mm, cylindrical head



Steel Shank Ø: 7 mm

Size mm	Packing pieces	Galvanized	Black
With hexagor	n socket SW4		
7 x 50	100 or 1,000	264.47.191	264.47.111



FIXING MATERIAL

### CONTENTS

### FIXING MATERIAL

### Universal wall plugs



### **Cavity fixings**



### Hammer fixing and plugs, wall plugs



### **Anchor bolt**



### Chemical and thermal wall plugs, accessories for wall plugs



### Wooden dowels, biscuits, dovetail connectors



### HAFELE

### Panel connectors, hook-in connectors, panel mounting system



### Window frame screws, adjustable screws, distance screws



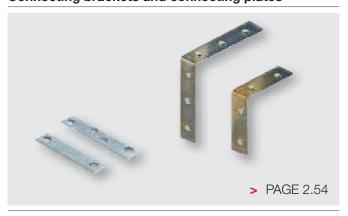
### Suspension fittings, screw hooks



### Sleeves, T-nuts



### Connecting brackets and connecting plates



### Patio construction, decking board fitting



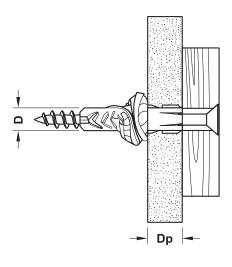
### fischer UX Universal wall plug without rim

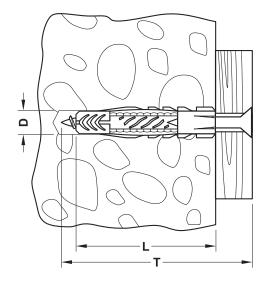






### fischer 📨





For concrete, solid masonry, perforated brick, aircrete (gas concrete), board materials, plasterboard, perforated sand-lime brick, for through bolt fitting

Resistant to weathering, ageing, corrosion and rotting

Material: Polyamide

### Mounting:

- > Required screw length: Surface mounted part thickness + wall plug length + 1x screw diameter
- > Use the maximum screw diameter for through bolt
- > With perforated building material: Rotary drilling mode (without hammer action)
- > With plasterboard: Use metal drill bits only

Туре	Drill bit Ø D mm	Drill hole depth T mm	Wall plug length L mm	Panel thick- ness Dp mm	For screw Ø mm
UX 6	6	≥45	35	≥9.5	4-5
UX 6 L	6	≥60	50	≥9.5	4-5
UX 8	8	≥60	50	≥9.5	4.5-6
UX 10	10	≥75	60	≥12.5	6-8
UX 12	12	≥85	70	_	8-10
UX 14	14	≥95	75	_	10-12

Model	Packing pieces	Cat. No.
UX 6	100	051.70.001
UX 6 L	100	051.70.006
UX 8	100	051.70.002
UX 10	50	051.70.003
UX 12	25	051.70.004
UX 14	20	051.70.005



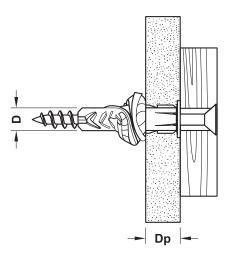
### fischer UX R Universal wall plug with rim

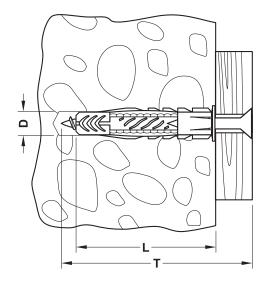






### fischer 🗪





For concrete, solid masonry, perforated brick, aircrete (gas concrete), board materials, plasterboard, perforated sand-lime brick

Resistant to weathering, ageing, corrosion and rotting

Material: Polyamide

### Mounting:

- > Required screw length: Surface mounted part thickness + wall plug length + 1x screw diameter
- > With perforated building material: Rotary drilling mode (without hammer action)
- > With plasterboard: Use metal drill bits only

Type	Drill bit Ø D mm	Drill hole depth T mm	Wall plug length L mm	Panel thick- ness Dp mm	For screw Ø mm
UX 6 R	6	≥45	35	≥9.5	4-5
UX6LR	6	≥60	50	≥9.5	4-5
UX8R	8	≥60	50	≥9.5	4.5-6
UX 10 R	10	≥75	60	≥12.5	6-8

Model	Packing pieces	Cat. No.
UX 6 R	100	051.70.011
UX6LR	100	051.70.012
UX8R	100	051.70.013
UX 10 R	50	051.70.014

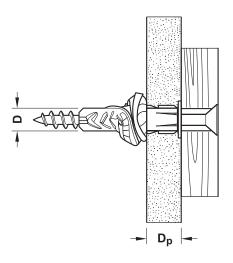
### fischer UX GREEN Universal wall plug with rim

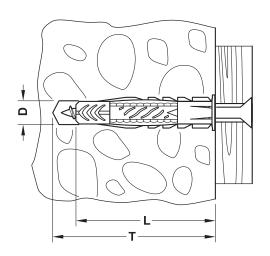


### Installation:

- > Required screw length: Surface mounted part thickness + wall plug length + 1x screw diameter
- > Use the maximum screw diameter for through bolt fitting
- > With perforated building material: Rotary drilling mode (without hammer action)
- > With plasterboard: Use metal drill bits only

### fischer





For concrete, solid masonry, perforated brick, aircrete (gas concrete), board materials, plasterboard, perforated sand-lime brick

Resistant to weathering, ageing, corrosion and rotting, with angled connecting flanges for exact screw guidance, with expanding plug tip for adapting to different screw diameters, saw teeth and blocking edges prevent turning in the drilled hole, wall plug rim to prevent sliding deeper into the drill hole, integrated hammer-in stop prevents premature spreading, can be used universally with wooden boards, chipboard and wood to metal dowels, when the screw is screwed in, the wall plug spreads in solid building materials and entangles itself in cavities, the low screw-in torque and high tightening torque mean that the wall plug has a firm grip

Material: Polyamide, made from at least 50 % sustainable raw materials

Туре	Drill bit Ø D mm	Drill hole depth T mm	Wall plug length L mm	Panel thick- ness Dp mm	For screw Ø mm
UX 6	6	≥45	35	≥9.5	4-5
UX 6 L	6	≥60	50	≥9.5	4-5
UX 8	8	≥60	50	≥9.5	4.5-6
UX 10	10	≥75	60	≥12.5	6-8

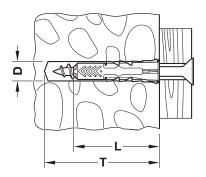
Model	Packing pieces	Cat. No.
UX GREEN 6 x 35 R	40	051.70.031
UX GREEN 6 x 50 R	40	051.70.032
UX GREEN 8 x 50 R	40	051.70.033
UX GREEN 10 x 60 R	20	051.70.034



### fischer Duopower Wall plug



### fischer 📨



For concrete, solid red brick, sand-lime brick, aircrete, vertically perforated brick, perforated sand-lime brick, plaster-based construction board, plasterboard and gypsum fibre board, hollow brick made from light concrete, hollow ceilings made from red bricks, prestressed concrete or similar, natural stone, chipboard, solid gypsum board, solid brick made from light concrete, deep drilling not required due to the short plug length,

no over-tightening of the screw and the combination of 2 components ensures good load bearing capacities,

with expansion wings for secure expansion and serrated anti-rotation feature to prevent plug rotation during installation,

the smooth-running plug neck allows the simple positioning of the screw, narrow rim of the wall plug prevents it from slipping deeper into the drill hole, Material: Polyamide

### **Technical data:**

Туре	Drill bit Ø D mm	Drill hole depth T mm	Wall plug length L mm	For screw Ø mm
6 x 30	6	≥40	30	4-5
6 x 50	6	≥60	50	4-5
8 x 40	8	≥50	40	4.5-6
8 x 65	8	≥75	65	4.5-6
10 x 50	10	≥60	50	6-8

Model	Packing pieces	Cat. No.
Duopower 6 x 30 mm	100	051.48.001
Duopower 6 x 50 mm	100	051.48.004
Duopower 8 x 40 mm	100	051.48.002
Duopower 8 x 65 mm	50	051.48.005
Duopower 10 x 50 mm	50	051.48.003

### fischer FIXtainer Duopower wall plug box



For concrete, solid and perforated building material, with popular sizes, ideal for use on the building site, with transparent lid, variable compartment configuration with removable dividers, with processing information on the back, several boxes can be firmly connected for easy transport,

Dim. (L x W x H): 260 x 155 x 63 mm

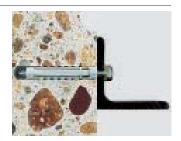
Packing: 1 piece

	Supplied with	Cat. No.
Duopower	120 pieces 6 x 30 mm	051.48.010
wall plug box	60 pieces 8 x 40 mm	
	30 pieces 10 x 50 mm	
	80 pieces 6 x 30 mm	051.48.011
	40 pieces 6 x 50 mm	
	60 pieces 8 x 40 mm	
	30 pieces 8 x 65 mm	

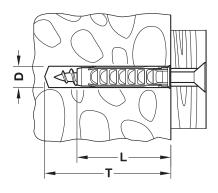
### fischer SX/SX-L Wall plug







### fischer



### **Technical data:**

Туре	Drill bit ∅ D mm	Drill hole depth T mm	Wall plug length L mm	For screw Ø mm
SX 4	4	≥25	20	2-3
SX 5	5	≥35	25	3-4
SX 6	6	≥40	30	4-5
SX 6L	6	≥60	50	4-5
SX 8	8	≥50	40	4.5-6
SX 8L	8	≥75	65	4.5-6
SX 10	10	≥70	50	6-8
SX 12	12	≥80	60	8-10

For maximum load bearing capacity in perforated building material, all concrete and masonry wall material, perforated brick, hollow brick, aircrete (gas concrete), resistant to weathering, ageing, corrosion and rotting, with vibration-absorbing and sound proofing effect, largely resistant against most chemical influences, good electrical insulating properties, maximum holding power due to four-way expansion, locking lugs prevent turning in the drilled hole

Material: Polyamide

Temperature resistance: -40 to +80°C

Installation: For pre-mounting with wood and chipboard

screws

Туре	Packing pieces	Cat. No.
fischer SX		
SX 4	200	051.43.001
SX 5	100	051.43.002
SX 6	100	051.43.003
SX 6	10,000	051.43.008
SX 8	100	051.43.004
SX 8	4,000	051.43.011
SX 10	50	051.43.005
SX 12	25	051.43.006
fischer SX-L		

### SX 6L 100 051.51.001 SX 8L 50 051.51.002

### Note:

Max. load bearing capacity is achieved by using the maximum screw Ø and screws, that protrude the wall plug tip by the screw diameter, with soft building material: Rotary drilling mode (without hammer action)



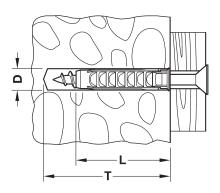
### fischer SX GREEN Wall plug







### fischer 🗪



### **Technical data:**

Туре	Drill bit Ø D mm	Drill hole depth T mm	Wall plug length L mm	For screw Ø mm
SX 5 x 25	5	≥35	25	3-4
SX 6 x 30	6	≥40	30	4-5
SX 6 x 50	6	≥60	50	4-5
SX 8 x 40	8	≥50	40	4.5-6
SX 8 x 65	8	≥75	65	4.5-6
SX 10 x 50	10	≥70	50	6-8
SX 12 x 60	12	≥80	60	8-10

For concrete, solid masonry, perforated brick, aircrete (gas concrete), perforated sand-lime brick, resistant to weathering, ageing, corrosion and rotting, 4-way expansion provides secure anchorage in the structure and high load values,

with robust anti-rotation lock for firm anchorage in the drill hole, prevents the plug from spinning in the drill hole, version with rim prevents the plug from falling into the drill hole, version without rim allows greater anchorage depths, suitable for wood screws, chipboard screws and distance screws, the expansion stress-free plug neck prevents the creation of expansion forces on the material whilst screwing in the screw. This helps to prevent damage to surfaces (tiles and plaster)

Material: Polyamide, made from at least 50 % sustainable raw materials

Version	Model	Packing pieces	Cat. No.
With rim	SX GREEN 5 x 25	90	051.43.022
	SX GREEN 6 x 30	90	051.43.023
	SX GREEN 8 x 40	90	051.43.025
	SX GREEN 10 x 50	45	051.43.027
	SX GREEN 12 x 60	20	051.43.028
Without rim	SX GREEN 6 x 50	90	051.43.024
	SX GREEN 8 x 65	45	051.43.026

### fischer FIXtainer SX Wall plug box



### fischer

For concrete, solid and perforated building material, with transparent lid, variable compartment configuration with removable dividers,

with processing information on the back, several boxes can be firmly connected for easy transport

Dim. (L x W x H): 260 x 155 x 63 mm

### Supplied with:

120 pieces of SX 6 60 pieces of SX 8 30 pieces of SX 10

Packing: 1 piece

	Cat. No.
SX wall plug box	001.61.055

### fischer FIXtainer Assortment box without contents



### fischer 💌 e

Assortment box for screws, wall plugs, bits, drill bits, diverse small items,

several boxes can be firmly connected for easy transport, with transparent lid,

variable compartment configuration with removable dividers

Dim. (L x W x H): 260 x 155 x 63 mm

Packing: 1 piece

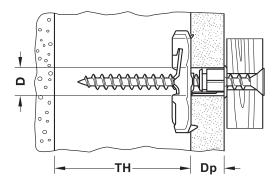
	Cat. No.
Box without contents	001.61.050

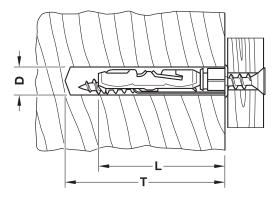
### HAFELE

### fischer Duotec 10 Toggle plug



### fischer

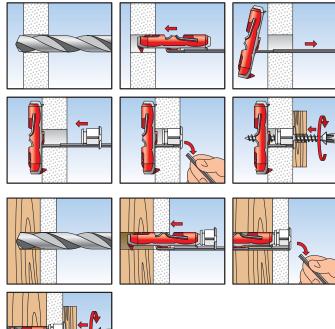




For board materials such as plasterboard, gypsum fibre boards, wooden panels (e.g. OSB, chipboard, MDF), steel panels, plastic panels and also suitable for solid materials such as wood and concrete,

for supporting high tensile and transverse loads, does not cut into the plasterboard, therefore causes no weakening, can be used as cavity fixing or spreading dowel, screw can be screwed in and unscrewed several times, wall plug does not fall into the drill hole even without the screw, suitable for pre-mounting, with short toggle element, allows installation even in narrow, insulated cavities, with flexible screw attachment made from rustproof steel for wood and chipboard screws, threaded bar, hooks, etc., with flange sleeve for reinforcing the drill hole and increasing the transverse load bearing capacity,

with curved handle for detecting obstacles (cable, substructure, pipes, etc.)



### **Technical data:**

Drill bit Ø D mm	Drill hole depth T mm	Panel thick- ness Dp mm	Wall plug length L mm	For screw Ø mm	Min. cavity depth TH mm
10	≥57	9.5-55	47	4.5-5	40 (not insulated) 50 (insulated)

Material: Glass-fibre reinforced plastic

### Installation:

- > Insert toggle element into the drill hole with the arrow pointing forward.
- > The toggle element of the plug automatically toggles behind the board,

pull wall plug with bent handle onto the board.

- Keep the bent handle under tension and push collar sleeve on bent handle flush into the drill hole. The bent handle can be snapped off by bending it back and forth.
- > Tighten fixing component hand-tight.

Packing: 50 pieces

Model	Cat. No.
Duotec 10	051.80.100

### fischer GK M Plasterboard dowel

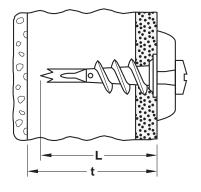


### fischer

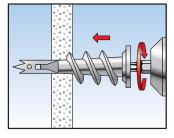
For single and double plasterboards, rear-insulated plasterboard, gypsum fibre boards (8 mm pilot drilling),

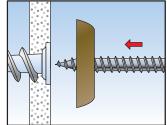
little space requirement behind the board, adapted to wood, sheet metal and chipboard screws  $\emptyset$  4.0–5.0 mm, not suitable for tiled plasterboards

Material: Zinc alloy



- > The thread grips into the building material providing a positive-fit
- > Installation with cordless/electric screwdriver or screwdriver (bit size PZ 2) without pilot drilling





### **Technical data:**

Туре	Wall plug length L mm	For screw Ø	Thickness to first bearing layer t mm
GK M	31	4-5	≥35

Packing: 100 pieces

Model	Cat. No.
GKM	051.69.000

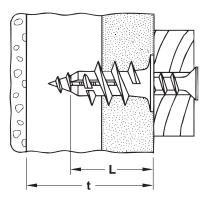


### fischer GK and GK GREEN Plasterboard dowel





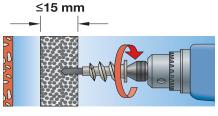
### fischer

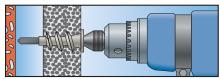


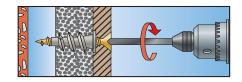
For single and double plasterboards, rear-insulated plasterboard, little space requirement behind the board, adapted to wood, sheet metal and chipboard screws Ø 4.0–5.0 mm, not suitable for tiled plasterboards, gypsum fibre boards

With continuous groove for a perfect fit and force transmission of the setting tool, with sharp, self-tapping thread for a secure, positive-fitting and load-bearing connection with the construction material, with cross slot drive for processing, even without a screwdriving tool, can also be used with unknown panel thickness and cavity depth due to short wall plug length,

Material: Polyamide







### Installation:

- > The wall plug grips into plasterboard using the supplied setting tool providing a positive-fit
- > Screwdriving tool for drill chuck supplied (use bit holder)
- > Installation with cordless/electric screwdriver without pilot drilling (pilot drilling required from panel thickness ≥15 mm)
- > Setting tool also suitable for screwing in screws

Туре	Wall plug length L mm	For screw Ø mm	Thickness to first bearing layer mm
GK	22	4-5	>25

Model	Material	Supplied with	Packing pieces	Cat. No.
GK	Polyamide	1 pack of wall plugs	100	051.63.000
GK GREEN	Polyamide, made from at least 50 % sustainable raw materials	1 pack of wall plugs 1 setting tool	45	051.63.002

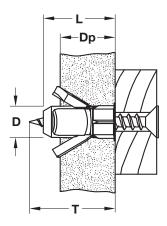
### fischer PD Board plug







### fischer 📨



For all common board and hollow building material, plasterboard, gypsum fibre boards, chipboard, fibre cement boards, hardboards, hollow profiles, hollow-block ceilings, hollow doors, etc., resistant to weathering, ageing, corrosion and rotting, with vibration-absorbing and sound proofing effect, largely resistant against most chemical influences, good electrical insulating properties

Material: Polyamide

### Mounting:

- > Only suitable for use with common fully threaded chipboard screws (not suitable for double thread)
- > High holding strength in board material by positive-fit, similar to T-slot
- > Quick and easy screwing in of chipboard screws by preformed internal thread
- > Little space requirement behind the board (low drill hole depth) by short expansion zone
- > 2 guide ribs and snap-in mechanism allow the screw to be screwed in and unscrewed several times
- > Lengthways ribs prevent the wall plug from rotating when being installed
- > The rim prevents the wall plug from falling deeper into the drill hole

### **Technical data:**

Туре		Drill hole depth T mm	Panel thick- ness Dp mm	Wall plug length L mm	For screw Ø mm
PD 8	8	≥31	6	≥29	4
PD 10	10	≥30	7	≥28	5

Packing: 100 pieces

Model	Cat. No.
PD 8	051.68.001
PD 10	051.68.002



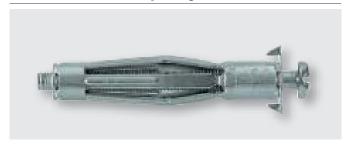
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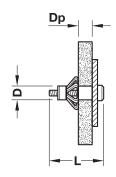


### fischer HM Metal cavity fixing



### fischer 📨

For metric screws, plasterboards and gypsum fibre boards, chipboard, hollow-block ceilings, plywood with metric screw, Material: Steel galvanized



### Installation:

- > Expanding arms and radial pressure increase the load bearing capacity and security
- > Claws prevent the wall plug from rotating when being installed
- The flush-fitted, permanently expanded wall plug allows removing and refitting of the surface mounted part for several times
- Each dimension covers an extensive range of panel thicknesses
- > The wall plug can be mounted either with installation pliers (051.81.010), cordless screwdriver or screwdriver

### **Technical data:**

Туре	Drill bit Ø D mm	Drill hole depth T mm	Panel thickness Dp mm	Wall plug length L mm	Screw dimensions
HM4 x 32S	8	≥42	3 – 13	≥32	M4 x 40
HM5 x 37S	10	≥47	6 – 15	≥37	M5 x 45
HM5 x 52S	10	≥62	7 – 21	≥52	M5 x 60
HM5 x 65S	10	≥75	20 – 34	≥65	M5 x 73
HM6 x 37S	12	≥47	6 – 15	≥37	M6 x 45
HM6 x 52S	12	≥62	10 – 21	≥52	M6 x 60
HM8 x 55SS	12	≥65	10 – 21	≥55	M8 x 60

Packing: 50 pieces

Model	Cat. No.
HM 4 x 32 S	051.80.000
HM 5 x 37 S	051.80.003
HM 5 x 52 S	051.80.004
HM 5 x 65 S	051.80.005
HM 6 x 37 S	051.80.006
HM 6 x 52 S	051.80.007
HM 8 x 55 SS	051.80.010

### fischer HM Z 1 Installation pliers



### fischer

For mounting the HM metal cavity fixing **Packing:** 1 piece

	Cat. No.
HM Z 1 installation pliers	051.81.010

### fischer HM Metal cavity fixing mounting set



### fischer 💌

Suitable for plasterboard, gypsum fibre boards, chipboard, dry lining walls, hollow ceilings, cladding, panels, etc. with a thickness of 7-21 mm with HM 5 x 52 or with HM 5 x 65 mm, for fixing objects with a thickness of max. 24 mm

With installation pliers for quick and comfortable fixing of metal cavity fixings in board materials, installation with screwdriver or installation pliers

### Supplied with:

20 HM metal cavity fixings 5 x 52 mm + screws 10 HM metal cavity fixings 5 x 65 mm + screws 1 HM Z 3 installation pliers

Packing: 1 piece

	Cat. No.
HM metal cavity fixing mounting set	051.81.020

### fischer S Wall plug

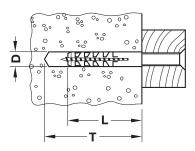








### fischer 📨



Suitable for concrete, masonry wall material, perforated bricks, aircrete (gas concrete), lightweight material resistant to weathering, ageing, corrosion and rotting, with vibration-absorbing and sound proofing effect, largely resistant against most chemical influences, good electrical insulating properties

Material: Polyamide

Temperature resistance: -40 to +80 °C

### Mounting:

- > For pre-mounting with wood and chipboard screws
- > High tensile and compression strength
- > Frictional connection in solid building material
- > Positive-fit connection in soft and rough building material
- > Locking lugs prevent turning in the drilled hole
- > The expansion stress-free plug neck prevents surface damage to tiles and plaster

### Note:

Max. load bearing capacity is achieved by using the maximum screw Ø and screws, that protrude the wall plug tip by the screw diameter, vacuum or blow-out drill hole

Туре	Drill bit Ø D mm	Drill hole depth T mm	Wall plug length L mm	For screw Ø mm
S5	5	≥35	25	3-4
S6	6	≥40	30	4-5
S8	8	≥55	40	4.5-6
S10	10	≥70	50	6-8
S12	12	≥80	60	8-10

Model	Packing pieces	Cat. No.
S5	200	051.40.009
S6	200	051.40.018
S8	200	051.40.027
S10	100	051.40.036
S12	25	051.40.045



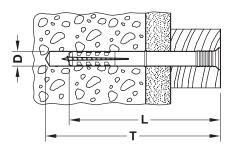
### fischer N GREEN Hammer fixing and plug



### Hammer fixing and plug



### fischer 📨



For concrete, natural stone, clay brick, sand-lime brick, aircrete, vertically perforated brick, solid plasterboard, light concrete, screed,

with small rim for through bolt fitting, integrated hammer-in stop prevents premature spreading (jamming) of the wall plug,

with screw-nail which can be unscrewed for subsequent disassembly, with countersunk head screw,

wall plug: Polyamide, made from at least 50 % sustainable raw materials,

nail: Steel galvanized

### Installation:

- > Quick and easy through bolt fitting
- Screw-nail can easily be knocked in and loosened again using the screw head drive

### **Technical data:**

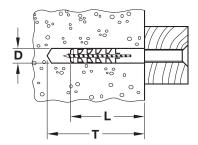
Dim. mm	Drill bit Ø D mm	Drill hole depth T mm	Wall plug length L mm
6 x 60	6	≥75	60
6 x 80	6	≥95	80
8 x 80	8	≥95	80

### Supplied with:

Galvanized nail

Packing: 45 pieces

Model	Cat. No.
N GREEN 6 x 60/30 S	051.41.051
N GREEN 6 x 80/50 S	051.41.052
N GREEN 8 x 80/40 S	051.41.053



For concrete, natural stone, clay brick, sand-lime brick, aircrete, vertically perforated brick, solid plasterboard, light concrete, screed,

wall plug: Polyamide grey, nail: Steel yellow galvanized **Installation**:

- > Quick and easy through bolt fitting
- > Screw-nail can easily be knocked in and loosened again using the screw head drive

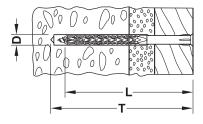
Dimensions	Drill bit Ø D mm	Drill hole depth T mm	Wall plug length L mm
6 x 40	6	≥50	40
6 x 50	6	≥60	50
6 x 60	6	≥70	60
6 x 80	6	≥90	80
8 x 60	8	≥70	60
8 x 80	8	≥90	80
8 x 100	8	≥110	100

Dimensions	Packing	Cat. No.
mm	pieces	
6 x 40	200	051.14.005
6 x 50	200	051.14.006
6 x 60	100	051.14.007
6 x 80	100	051.14.008
8 x 60	100	051.14.009
8 x 80	100	051.14.010
8 x 100	100	051.14.011

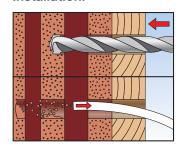
### fischer SXRL T Long-shaft wall plug

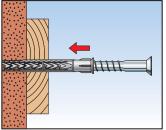


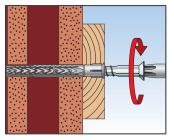
### fischer 🗪

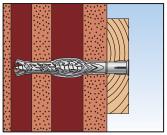


### Installation:

















Facade, ceiling and roof substructures made from wood or metal, TV brackets, kitchen wall units, wardrobes, squared edge timber, windows, gates and doors, facade substructures that are subjected to intense stress (e.g. facade structures mounted with a distance without wall support brackets), also suitable for dense natural stone and solid plasterboard

Safety lock screw: Steel

Wall plug: High-quality polyamide

Type of head: Countersunk head

Drive: T-star drive

### **Technical data:**

Туре	Drill bit Ø D mm	Drill hole depth T mm	Wall plug length L mm	Drive
SXRL 8 x 8 0 T	8	≥90	80	T 30
SXRL 8 x 100 T	8	≥110	100	T 30
SXRL 8 x 120 T	8	≥125	120	T 30
SXRL 10 x 100 T	10	≥110	100	T 40
SXRL 10 x 120 T	10	≥130	120	T 40
SXRL 10 x 140 T	10	≥150	140	T 40
SXRL 10 x 160 T	10	≥170	160	T 40

Packing: 50 pieces

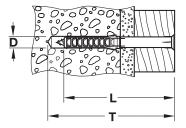
Туре	Cat. No.
SXRL 8 x 80 T	051.54.020
SXRL 8 x 100 T	051.54.021
SXRL 8 x 120 T	051.54.022
SXRL 10 x 100 T	051.54.023
SXRL 10 x 120 T	051.54.024
SXRL 10 x 140 T	051.54.025
SXRL 10 x 160 T	051.54.026



### fischer SXR Universal long-shaft wall plug



### fischer 📨



Concrete, lightweight concrete, solid red bricks, sand-lime bricks, solid clinker bricks, solid pumice bricks, hollow pumice bricks, gypsum wallboards, natural stone, vertically perforated bricks, perforated sand-lime brick, resistant to weathering, ageing, corrosion and rotting

Material: Polyamide

### **Technical data:**

Туре	Drill bit Ø D mm		Wall plug length L mm	Screw Ø mm
SXR	8	>70	60	5.0-6.0
SXR	8	>90	80	5.0-6.0

### Installation:

- > The spreading part of the wall plug must anchor in the outer flange of the stone, therefore the wall plug length must be selected accordingly
- > The wall plug is inserted or knocked in together with the screw until the wall plug rim butts against the drill hole
- > With vertically perforated brick: Use rotary drilling mode only (without hammer action)
- > For through bolt fitting
- > Long shaft compensates for: Surface mounted parts and non-bearing layers of plaster, tiles, insulation and hollow layers
- > High load bearing capacity
- > Knock-in stop prevents the wall plug from spreading when knocked in
- > Does not slip into the wall, exact screw-in depth is provided by robust rim
- > Rotating is prevented by additional rotating stops

Packing: 100 pieces

Model	Cat. No.
SXR 8 x 60	051.52.204
SXR 8 x 80	051.52.205

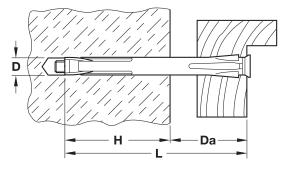
### Metal cavity fixing



For concrete, solid red brick, sand-lime brick, vertically perforated bricks, perforated sand-lime bricks, hollow bricks, solid pumice, aircrete (gas concrete), natural stone

Sleeve: Steel galvanized, screw: Steel Type of head: Countersunk head

Drive: TS30



### Installation:

- > Metal cavity fixing for high transverse load
- > Extremely good protection against corrosion by means of the zinc coated cavity fixing sleeve
- > For through bolt fitting
- > Tensile and compression resistant connection with metal and plastic profiles provided by locking lugs on cavity fixing neck
- > The cavity fixing expands stress-free without pulling the workpiece against the building material (important for spacings and already aligned components)

### **Technical data:**

Drill bit Ø D mm	Total length L mm	Drill hole depth T mm	Anchoring depth H mm	Effective length Da mm
10	92	≥110	≥30	62
10	112	≥130	≥30	82
10	132	≥150	≥30	102
10	152	≥170	≥30	122
10	182	≥200	≥30	152
10	202	≥220	≥30	190

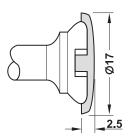
Packing: 100 pieces

Model	Cat. No.
10 x 92	051.71.972
10 x 112	051.71.973
10 x 132	051.71.974
10 x 152	051.71.975
10 x 182	051.71.976
10 x 202	051.71.977

### Plastic cover cap



For cavity fixings with TS drive, For plug fitting into screw head



Packing: 100 pieces

Colour	Cat. No.
White	051.60.746



### fischer FAZ II Anchor bolt



### fischer 🗪

For through bolt fitting,

for fixing steel structures, handrails, brackets, ladders, cabling, machines, stairs, gates, facades, window elements, wood constructions

Approved for uncracked concrete and cracked concrete B25-B55 and C20/25-C50/60,

Steel galvanized

Type FAZ II	Drill hole Ø mm	Min. drill hole depth with through bolt fitting	Min. anchoring depth mm	Wall plug length mm	Max. effective length	Thread D x length mm	Key size	U-disk external Ø x thickness mm
8/30	8	95	45	95	30	M8 x 41	13	16 x 1.6
10/10	10	90	60	95	10	M10 x 24	17	20 x 2
10/100	10	180	60	185	100	M10 x 100	17	20 x 2

	Drill bit diameter mm	Packing pieces	Cat. No.
FAZ II 8/30	8	50	051.67.021
FAZ II 10/10	10	50	051.67.025
FAZ II 10/100	10	20	051.67.030

### fischer TB/TBB Stair-tread fixing



### fischer 🗪

For attaching wooden steps/boards >30 mm to steel profiles (TB) or concrete or solid building material (TBB) **Installation:** 

For push fitting and screw fixing, for optimum holding power glue wall plug into the wood using cold glue **Packing:** 50 pieces

Model	Cat. No.
TB	051.55.000
TBB	051.55.001

### fischer TBZ 2 Centring tip



### fischer 🗪

For fischer TB/TBB stair-tread fixing

Packing: 10 pieces

Model	Cat. No.
TBZ 2	051.55.002

### fischer fill & fix Injection fixing





### fischer 📨

Ideal for repairing and filling ripped-out drill holes, suitable for any building material,

for screwing in screws into cured material (like in wood) Temperature resistance: -10 to +40 °C Version: can be painted, can be sanded

### Supplied with:

- 1 fill & fix double cartridge
- 2 mixing nozzles
- 2 extension hoses
- 4 mesh sleeves 10 x 45 mm

Packing: 1 piece

Contents	Cat. No.
25	051.73.101



Supplied with: 6 pieces
Packing: 1 packing

	Cat. No.
Static mixer	051.73.109



### fischer 150 C/300 T Injection mortar





150 C 300 T

For anchoring in concrete C20/25 to C50/60, uncracked, hollow brick made from light concrete, hollow brick made from concrete, vertically perforated brick, perforated sand-lime brick, sand-lime brick, solid red brick, concrete C12/15.

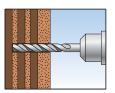
for use in combination with FIS A anchor rods and FIS H injection anchor sleeves, two component hybrid synthetic resin mortar

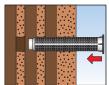
Processing temperature: +5 to +40 °C Temperature resistance: -40 to +80 °C

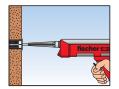
- > Read installation instructions carefully before processing
- > The drill hole must be dry and thoroughly cleaned otherwise the load bearing capacity may be reduced
- > Processing with commercial sealant guns
- Maximum holding power in any building material, also with problematic building material
- > Expansion stress-free anchoring
- > Reliable thorough mixing provided by static mixer

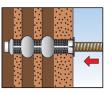
### fischer 🗪

## Installation in perforated brick (with anchor sleeve):





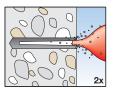


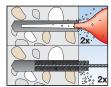


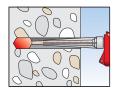
### Processing and curing time

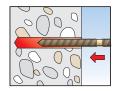
- The cartridge temperature must be at least +5°C for processing
- > The time specifications begin when mixing the resin and hardener in the static mixer
- > The mixer must be changed with increased processing times, i.e. working with interruptions
- The curing times must be doubled with wet anchoring grounds

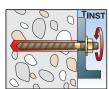
## Installation in solid building material (without anchor sleeve):











### **Technical data:**

Cartridge temperature of mortar °C	Processing time in minutes	Temperature of anchoring ground °C	Curing time
+5 to +10	_	-5 to 0	24 h
	_	0 to +5	3 h
	9	+5 to +10	90 min
+10 to +20	5	+10 to +20	60 min
+20 to +30	4	+20 to +30	45 min
+30 to +40	2	+30 to +40	35 min

	Contents ml	Supplied with	Cat. No.
fischer 150 C/300 T injection mortar	145	1 cartridge, 2 static mixers, 6 FIS H anchor sleeves 16 x 85 mm	051.73.085
fischer 150 C/300 T injection mortar	300	1 cartridge, 2 static mixers	051.73.086

### fischer GREEN 300 T Injection mortar



fischer 🗪



For reinforced/unreinforced concrete, solid red brick and vertically perforated brick, perforated sand-lime brick, solid building blocks and perforated building blocks, hollow brick made from concrete, aircrete, natural stone with environmental declaration EPD of the Institut Bauen und Umwelt e. V. (Institute of Construction and the Environment), for indoor and outdoor use, best possible emission class A+ (in accordance with French VOC legislation), the product is non-labelled and therefore does not bear a hazardous material symbol, two component synthetic resin mortar, 50–85 % biobased

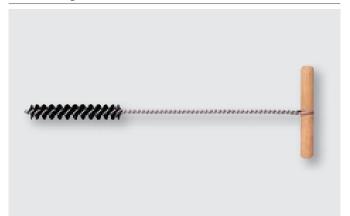
### Installation:

- > Read installation instructions carefully before processing
- > The drill hole must be dry and thoroughly cleaned otherwise the load bearing capacity may be reduced
- > Processing with commercial sealant guns
- > Maximum holding power in any building material, also with problematic building material
- > Expansion stress-free anchoring
- > Reliable thorough mixing provided by static mixer

### Packing: 1 piece

Contents ml	Supplied with	Cat. No.
300	1 cartridge of injection mortar, 2 static mixers	051.73.087

### fischer Highbond FHB-B Drill hole brush



### fischer 📨

For cleaning drill holes

### Packing: 1 piece

Туре	For drill hole Ø	Cat. No.
BS <b>Ø</b> 10	10	051.73.095
BS <b>Ø</b> 12	12	051.73.096
BS Ø 16/18	16/18	051.73.098

### fischer Blow-out pump



### fischer 🗪

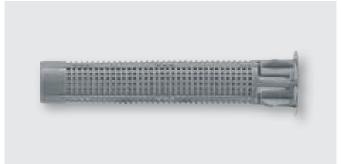
For cleaning drill holes Length: 370 mm

Packing: 1 piece

Туре	Cat. No.
AGB, large	051.73.099



### fischer FIS H K Injection anchor sleeve



### fischer FIS H L Injection anchor sleeve

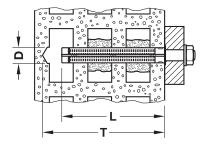


### fischer 🗪









Building regulations approved in conjunction with FIS M6-M16, plastic

### **Technical data:**

Drill bit ∅ D mm	Drill hole depth T mm	Anchor sleeve length L mm	Suitable for use with attaching parts	Capacity in scale units
12	≥95	85	M6-8	10
16	≥140	130	M8-10	15

Model	Packing pieces	Cat. No.
FIS H 12 x 85 K	50	051.73.032
FIS H 16 x 130 K	20	051.73.034

## fischer 🗪



For threaded bars in solid and perforated building material, steel

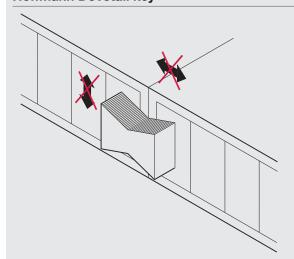
### **Technical data:**

Туре	Drill bit Ø mm	Total length mm	Suitable for use with attaching parts
FIS H 16 x 1,000 L	16	1,000	M10-M12

Packing: 10 pieces

Туре	Cat. No.
FIS H 16 x 1000 L	051.73.012

### **Hoffmann Dovetail key**



For flush and surface connections, for connections at **any mitre angle** 

### Plastic Brown

- > Connection with the well-tried dovetail shape
- > Workpieces can be glued without using screw-clamps
- > Further processing can take place immediately after gluing
- > Optional: Connection without glue

→ Hoffmann dovetail key W1, for frames, slats, bar profiles



→ Hoffmann dovetail key W2, for furniture, plinths, door lining





→ Hoffmann dovetail key W3, for interior fitting, worktops, handrails











Packing: 1,000 pieces

Length mm	Cat. No.
6	267.76.106
10	267.76.110
14	267.76.114
18	267.76.118
22	267.76.122
30	267.76.130
40	267.76.140
50	267.76.150
60	267.76.160

Packing: 1,000 pieces

Length mm	Cat. No.
6	267.76.206
9.5	267.76.209
12	267.76.212
14	267.76.214
15.8	267.76.216
18	267.76.218
20.6	267.76.221
22	267.76.222
25.4	267.76.225
32	267.76.232
38	267.76.238
46	267.76.246
60	267.76.260

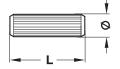
Packing: 1,000 pieces

r doking. 1,000 pioooo	
Length mm	Cat. No.
12.7	267.76.313
15.8	267.76.315
17.5	267.76.317
19	267.76.319
25.4	267.76.325
31.7	267.76.332

## HAFELE

### Wooden dowel



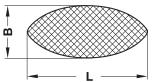


Beech, suitable for automatic feed

Diameter mm	Length L mm	Quantity pieces/kg	Packing kg	Cat. No.
5.0	25	Approx. 3,200	10	267.82.026
6.0	25	Approx. 2,150	10	267.82.125
6.0	30	Approx. 1,800	10 or 250	267.82.130
6.0	40	Approx. 1,325	10	267.82.140
8.0	27	Approx. 1,140	10	267.82.227
8.0	30	Approx. 1,000	10	267.82.230
8.0	35	Approx. 865	10	267.82.235
8.0	40	Approx. 760	10	267.82.240
8.0	45	Approx. 670	10	267.82.248
8.0	50	Approx. 600	10	267.82.250
10.0	30	Approx. 630	10	267.82.330
10.0	40	Approx. 450	10	267.82.340
10.0	50	Approx. 360	10	267.82.350
10.0	60	Approx. 315	10	267.82.360
12.0	50	Approx. 260	10	267.82.450
12.0	60	Approx. 220	10	267.82.460
16.0	100	Approx. 67	10	267.82.610
16.0	120	Approx. 65	10	267.82.612
16.0	155	Approx. 46	10	267.82.615

### **Biscuits**





Thickness: 4 mm

Technical data:

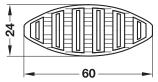
Size	For groove depth mm	_	Width B mm
0	8	47	15
10	10	53	19
20	12	56	23
3	16	56	30

Packing: 100 or 1,000 pieces

Size	Cat. No.
0	267.90.000
10	267.90.010
20	267.90.020
3	267.90.004

### K 20 Straightening biscuit





Plastic wine red, for fixing and precise tightening of connected parts

### Application:

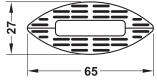
For any type of biscuit connection, one or two K 20 straightening biscuits can be inserted between the wooden biscuits.

Packing: 1 or 250 pieces

Thickness mm	Cat. No.	
4.5	267.91.020	

### Lamello Bisco P-14 Straightening biscuit





Plastic, black, for aligning and fixing in P-14 system grooves, as connecting element with white glue

### Note:

Ideal for use within the P-14 system grooves and in addition to the Clamex P-14 connector.

Glue fixing of the straightening biscuit is not required.

Bisco P-14 can also be used like a wooden biscuit with white glue.

Packing: 50 or 300 pieces

Thickness mm	Cat. No.	
7.0	267.91.133	

### Haas Biscuit connector, removable



For T-connections, flush angle connections and mitred angle connections with harpoon-type flanges aluminium bright

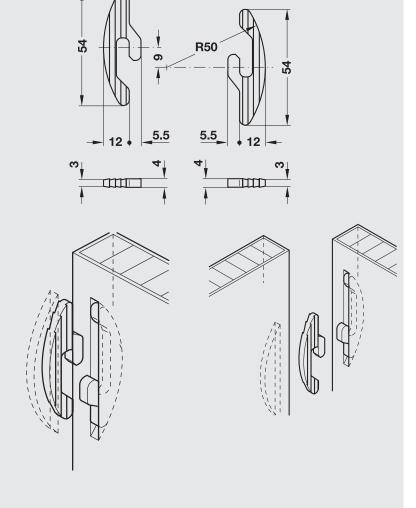
Installation: For press fitting into milled grooves

### Installation:

- > Mill the groove
- > Coat grooves with dual-component adhesive
- > Press connecting fitting into milled grooves using insertion tool

### Note:

At least 9 mm of space is required above for fitting together and taking apart.



Packing: 10 or 100 pairs

	Cat. No.
Biscuit connector	262.48.000
Uhu-Plus endfest 300 two component	
adhesive	►MT 3 24

→ Insertion tool



For exact insertion of Haas fasteners into milled-out grooves

Material: steel Finish: bright

Packing: 1 piece

	Cat. No.
Insertion tool	262.48.091



### Lamello Clamex S Biscuit connector

- > Can be processed with every Lamello biscuit jointer
- > Can be removed and re-tightened often, suitable for continuous use, e.g. for trade fair construction
- > Powerful connections, since the tensioning element makes high force transfer possible
- > No rotating of the components by guide pins
- > Lateral adjustment possible
- > Stackable when installed, since no protruding parts on the surface

For corner, centre panel and surface connections, and mitre joint connections from 30° – 180°, for solid wood and board material for wood thickness: From 16 mm plastic

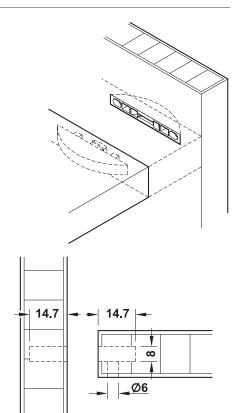
Bolt: Zinc alloy

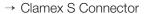
Drive: SW4 hexagon socket Adjustment facility: Lateral ±1 mm

(max ±1.25 mm)

### Installation:

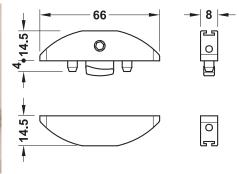
- Mill 8 mm groove for connector (biscuit jointer, setting D = 14.7 mm), alternatively 2 x 4 mm groove
- 2 Drill 6 mm opening for tightening element
- 3 Insert connector and screw fix with 3 x 15 mm Pan head screw
- 4 Join workpieces and tighten with SW4 hex key











### Order reference:

We recommend the use of the 8 mm biscuit jointer blade (see accessories) that is suitable for all Lamello biscuit jointers. When used as mitre-joint connector, then the Clamex S drilling jig with 6 mm twist drill bit must be ordered separately.

### Supplied with:

Starter set:

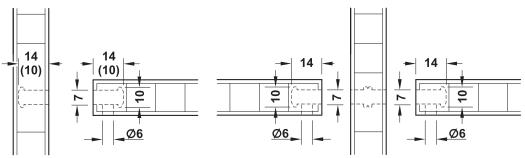
- > 18 pairs of connectors including 75 Pan head screws 3 x 15 mm
- > Marking template 90°, hex key SW4

Order reference: 1 piece = 1 pair

Version	Packing		Cat. No.
Clamex starter set with zinc alloy bolt	1	pack	267.91.121
Clamex with zinc alloy bolt	80	pieces	267.91.172
	300	pieces	267.91.122

### Lamello Clamex P-14/10 Cabinet connector removable





Quick installation without tools, positive-fitting connection – no glue fixing, screw fixing, can be removed and re-tightened often, suitable for continuous use, e.g. for trade fair construction, powerful connections, since the tensioning element makes high force transfer possible, lateral adjustment possible, for corner, centre panel and surface connections, and mitre joint connections from 30° – 180°, for solid wood and board material

→ Lamello Clamex P-14/10 Cabinet connector

### Installation:

- > Mill 7 mm groove with T-slot for connector
- > Drill 6 mm opening for tightening element
- > Push in connector
- > Join workpieces and tighten with SW4 hex key

### Note:

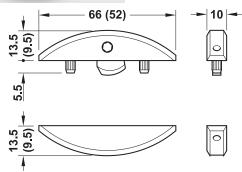
- > The Bisco P straightening biscuit is the ideal addition to the Clamex P-14 for P system grooves.
- > The Lamello Zeta P2 biscuit jointer and biscuit jointer with profile groove function are required for installation.
- > The profile groove can be milled with the biscuit jointer with profile groove function using a CNC machine for series manufacture.
- → Clamex P-14/10 Medius Connector



Plastic Bolt: Zinc alloy

Drive: SW4 hexagon socket

Adjustment facility: Lengthways ±1.5 mm



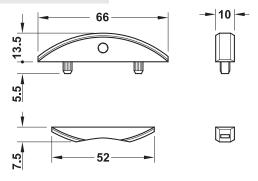
Order reference: 1 piece = 1 pair

Model	For wood thickness mm	Packing pieces	Cat. No.
Clamex P-14	From 16	80	267.91.186
		300	267.91.136
Clamex P-10	From 13	80	267.91.180
		300	267.91.130

	Cat. No.
Lamello Clamex P-14 starter kit	267.91.127



Plastic
Bolt: Zinc alloy
Drive: SW4 hexagon socket
Adjustment facility:
Lengthways ±1 mm



### Note:

- > One-sided installation from wood thickness 12 mm.
- > Profile groove position identical from wood thickness 16 mm, therefore no offset routing position required with centre panels.

**Order reference:** 1 piece = 1 pair

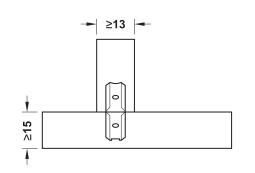
Model	For wood thickness mm	Packing pieces	Cat. No.
Clamex P-14/10	From 16	80	267.91.188
		300	267.91.138

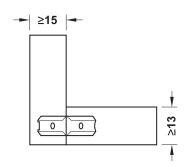


### Lamello Tenso P-14 Cabinet connector with pre-stress facility, for bonding



Gluing aid for cabinets with centre panels and intermediate shelves, for column claddings in stores, for drawers, installation of front panels, plug fitting onto plinths, ceiling panels, covers and handle profiles





### The ideal gluing aid:

- > Without using screw-clamps or pressing devices
- > For concealed applications
- > Facilitated storage and transport of the workpieces

### When using pre-load clip:

- > Little effort: Only briefly applying pressure is needed for engaging the fitting
- Easy connection of workpieces, even with several connectors
- The pre-load clip is easily pushed in using the installation tool

### Note:

- > The connector must always be used in combination with glue.
- > The connection cannot be separated after engagement of the Tenso P-14.
- > Trial connection with Bisco P-14 possible.
- Lengthways groove and system groove required: Processing with Lamello Zeta P2 biscuit jointer or CNC machine

→ Lamello Tenso P-14 Connector



Plastic, Routing depth: 14 mm Tolerance specification: lateral:

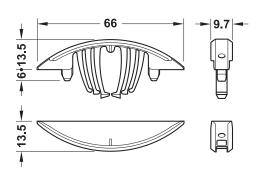
±1 mm, sliding tolerance: ±2 mm Tensile force:

approx. 15 kg/connector, Retention force:

approx. 25 kg/connector

Order reference: 1 piece = 1 pair

**Note:** Optimised product, also for use with pre-load clip



Packing pieces	Cat. No.
80	267.91.192
300	267.91.152

→ Lamello Tenso P-14 Starter kit



### Supplied with:

80 pairs of connectors 80 pre-load clips 1 insertion tool → Lamello Tenso P-14 Pre-load clip





### Packing: 1 set

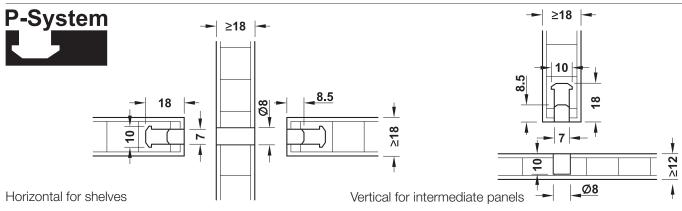
	Cat. No.
Lamello Tenso P-14 starter kit	267.91.151

## **Supplied with:** 300 pre-load clips

1 insertion tool

Packing: 300 pieces

	Cat. No.
Lamello Tenso P-14 pre-load clip	267.91.159



- > Can be pushed in effortlessly until tightening point is reached
- > Connects and tightens when pushed in
- > Shelves can be removed and re-tightened repeatedly, e.g. for transport
- > Quick and toolless installation without glue or clamping
- > Concealed connection with evenly closed gaps

### Note:

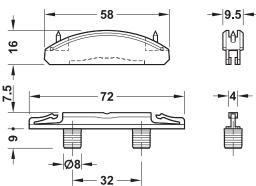
- > Lengthways groove and system groove required: Installation with Lamello Zeta P2 biscuit jointer and biscuit jointer with profile groove function.
- > The profile groove can be milled with the biscuit jointer with profile groove function using a CNC machine for series manufacture.

Plastic

For wood thickness: From 18 mm

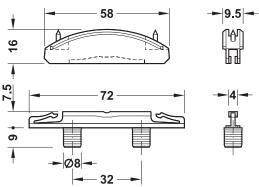
→ Lamello Divario P-18 Connector





→ Lamello Divario P-18 Starter kit





### Supplied with:

80 sets of connectors 1 installation tool, 001.26.700

Packing: 1 piece

	Cat. No.
Lamello Divario P-18 starter kit	267.91.128
	'

Order reference: 1 piece = 1 pair

	Packing pieces	Cat. No.
Lamello Divario P-18	80	267.91.195
connector	300	267.91.155



### Installation tool for Lamello Divario P-18





For knocking connector into workpiece

### Marking gauge for Lamello Divario P-18





For manual, precise drilling of Divario bolt holes, incl. drill bit with centring tip and depth gauge

### Packing: 1 piece

	Cat. No.
Installation tool for Lamello Divario P-18	001.26.700

### Packing: 1 piece

	Cat. No.
Marking gauge for Lamello Divario P-18	001.26.710



## ORDER ONLINE.

ORDER CONVENIENTLY, SIMPLY AND 24/7 ONLINE.

www.hafele.com

### Häfele Keku Panel connector

### Specifications apply to all Häfele Keku panel connectors.

Suitable for screw fixing in 32 mm series drilled holes Plastic (polycarbonate)

Colour: black

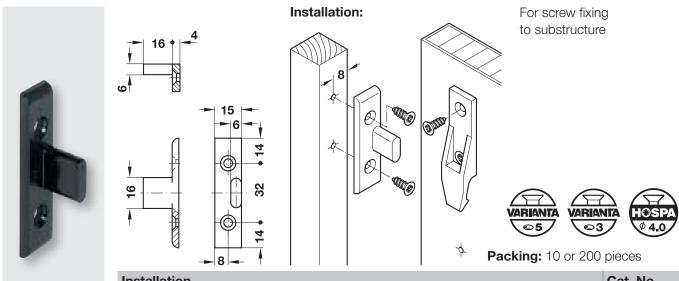
Temperature range: -100 to +135 °C

- > Do not treat with chemical solutions or aggressive greases
- > Do not adjust by hammering

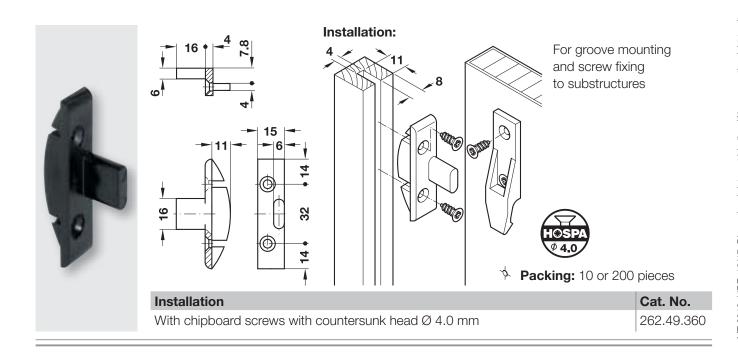
### Häfele Keku Suspension fitting

→ Keku EH Frame component

For fixing panels to frame constructions



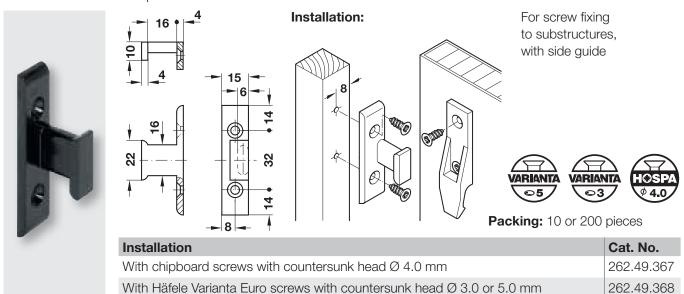
Installation	Cat. No.
With chipboard screws with countersunk head Ø 4.0 mm	262.49.365
With Häfele Varianta Euro screws with countersunk head Ø 3.0 or 5.0 mm	262.49.366



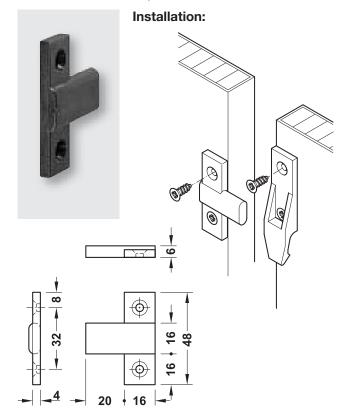
## HAFELE

### Häfele Keku Suspension fitting

→ Keku EHS Frame component



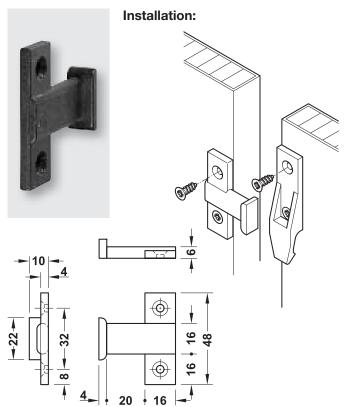
→ Keku EH Panel component



Packing: 10 or 200 pieces

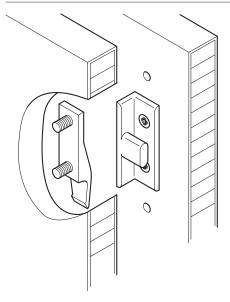
Installation	Cat. No.
With chipboard screws with countersunk head Ø 4.0 mm	262.49.358
With Häfele Varianta Euro screws with	262.49.359
countersunk head Ø 3.0 or 5.0 mm	

→ Keku EHS Panel component



Packing: 10 or 200 pieces

Installation	Cat. No.
With chipboard screws with countersunk head Ø 4.0 mm	262.49.369
With Häfele Varianta Euro screws with countersunk head Ø 3.0 or 5.0 mm	262.49.370

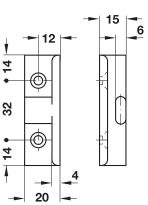


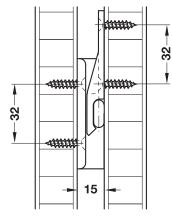
Double partition fittings are used for:

- > Attaching sound insulating material to the door leaf
- > Constructing cavity-type doors
- > Doubling of cabinet sides in door alcoves
- > Connecting frame elements
- > Linking elements
- > Constructing sandwich elements
- > Installing lightweight partition walls
- > Mounting wall elements (cabinet construction)
- > Door installation as panel construction

→ Keku AD 15 Angled component







For panel distance of 15 mm, for screw fixing to substructure

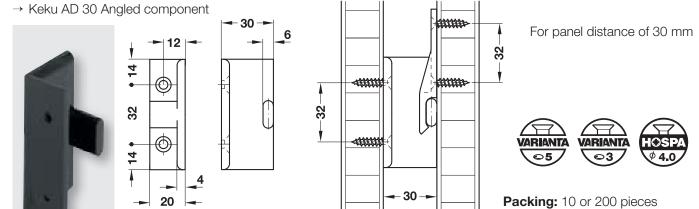






Packing: 10 or 200 pieces

Installation	Cat. No.
With chipboard screw with countersunk head Ø 4.0 mm	262.51.380
With Häfele Varianta Euro screws with countersunk head Ø 3.0 or 5.0 mm	262.51.381



TI .	11	• • • • • • • • • • • • • • • • • • • •	11		
Installation					Cat. No.
With chipboard screw with countersunk h	head Ø	4.0 mm			262.51.390
With Häfele Varianta Euro screws with co	ountersu	ınk head (	Ø 3.0 or	5.0 mm	262.51.391



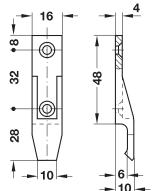
### Häfele Keku Suspension fitting

→ Keku Panel component

**Installation:** For screw fixing to panel with chipboard screw Ø 4.0 mm or Häfele Varianta Euro screws Ø 3.0 mm or 5.0 mm

**Note:** The combined use of panel components with and without lip on one panel reduces the overall snap-in function.





With lip







Packing: 10 or 200 pieces

Installation	Cat. No.
With chipboard screws with countersunk head Ø 4.0 mm	262.49.356
With Häfele Varianta Euro screws with countersunk head Ø 3.0 or 5.0 mm	262.49.357

Without lip, for panels that are frequently removed



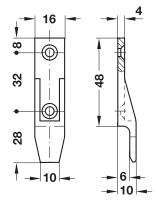




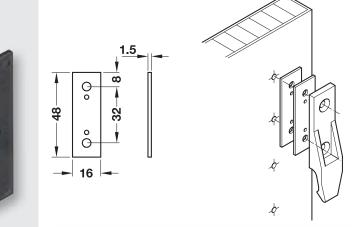
Packing: 10 or 200 pieces

Installation	Cat. No.
With chipboard screws with countersunk head Ø 4.0 mm	262.49.350
With Häfele Varianta Euro screws with countersunk head Ø 3.0 or 5.0 mm	262.49.351





### Keku EH Spacer plate 1.5 mm



Stackable, self-fixing spacer plate for EH panel components Polycarbonate (PC) Colour: black







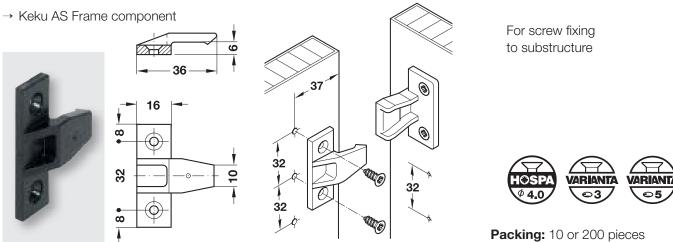
Packing: 10 or 400 pieces

Installation	Cat. No.
With chipboard screws with countersunk head $\varnothing$ 4.0 mm	262.49.353
With Häfele Varianta Euro screws with countersunk head Ø 3.0 or 5.0 mm	262.49.355

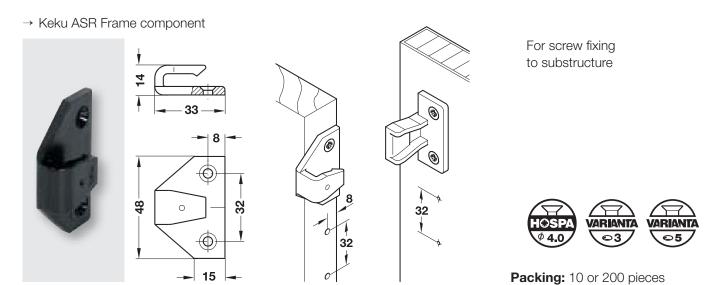
### Häfele Keku Push-in fitting



> Not for suspended loads such as ceiling panels



Installation	Cat. No.
With chipboard screws with countersunk head Ø 4.0 mm	262.50.368
With Häfele varianta countersunk head Euro screws Ø 3.0 or 5.0 mm	262.50.377



Installation	Cat. No.
With chipboard screws with countersunk head Ø 4.0 mm	262.50.390
With Häfele Varianta Euro screws with countersunk head $\varnothing$ 3.0 or 5.0 mm	262.50.391

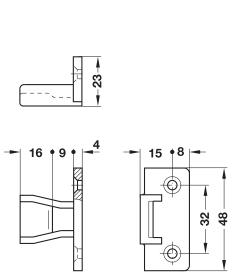


### Häfele Keku Push-in fitting

### → Keku AS Panel component



For screw fixing to panel







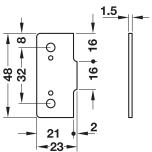


Packing: 10 or 200 pieces

Installation	Cat. No.
With chipboard screws with countersunk head Ø 4.0 mm	262.50.359
With Häfele Varianta Euro screws with countersunk head $\varnothing$ 3.0 or 5.0 mm	262.50.358

### Keku AS Spacer plate 1.5 mm





Stackable, self-fixing, Spacer plate for AS panel components

Polycarbonate (PC) Colour: black







Cat. No. 262.50.354

Packing: 10 or 400 pieces

Installation	
With Häfele Varianta Euro screws with countersunk head Ø 3.0 or 5.0 mm	

### **Eilox Panel mounting system**



Hook-in profile installation

- > Exact fit due to hooks
- > Same rail for wall and component
- > With flange on the underside, e.g. for cable guide
- > Extremely low installation height saves space

### **Application:**

The Eilox panel mounting system originated from store fixtures. This system provides fast mounting, quick and easy conversion or replacement of elements.

The Eilox hook-in profile is used for mounting wall panels as well as for wall cabinets, pictures, mirrors and wall cladding. Profile sills, promotional elements, displays, impact protection panels are easily, reliably and invisibly fixed with Eilox.







5 -19→

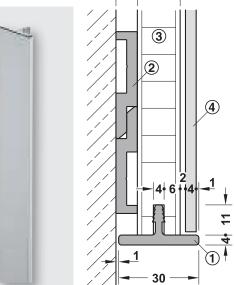
3

(2)

→ Eilox Cover profile

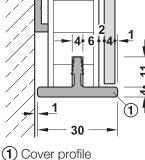






<del>-</del>16→

- (4) Mirror
- (1) Cover profile (2) Eilox Standard hook-in profile (2) Eilox Mini hook-in profile (3) Wall panel



- (3) Wall panel
- (4) Mirror

Packing: 1 piece

Length mm	Cat. No.
2000	783.53.951
6060	783.53.956



783.53.001

783.53.006

### **Eilox Panel mounting system**

### → Eilox Standard Hook-in profile



Aluminium

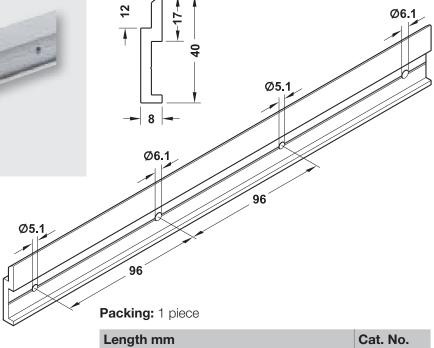
Version: Screw holes at 96 mm intervals,

for Hospa 5.0 or Varianta 6.0 Installation: for screw fixing

Note: Distance between 2 hook-in profiles

max. 1,000 mm in height.

**Order reference:** Non-perforated tracks for glue fixing available on request.



2000

6050

Length mm

2000

→ Eilox Mini Hook-in profile



Aluminium

Version: Screw holes at 64 mm intervals,

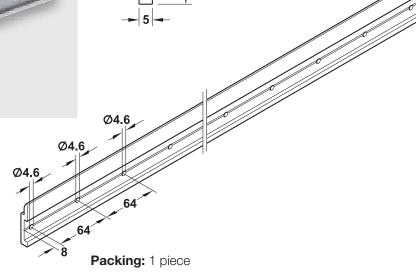
for Hospa 4.5

Installation: for screw fixing

Note: Distance between 2 hook-in profiles

max. 600 mm in height.

**Order reference:** Non-perforated tracks for glue fixing available on request.



Cat. No.

783.53.011

### **Hook-in connector**

- > Easy to hook in, concealed and can be subjected to load immediately after installation
- > Self-tensioning and separable
- For doubling panels, for example, without gap

### Note:

It is recommended to use depth gauge 001.28.129 and HM drill bit  $\mathbf{Ø} = 30 \text{ mm } 001.06.630 \text{ for drilling the holes,}$ concealed, self-tensioning separable connector, for use with stairs, cladding, panelling, handrails and doubling of front doors, Mounting: For screw fixing with chipboard screw drill hole diameter: 30 mm

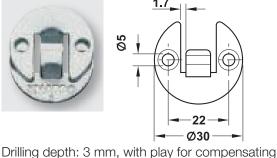
### → With play



dimension and expansion deviations



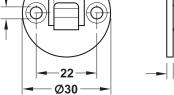


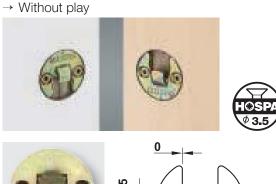


Blue galvanized

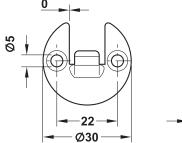


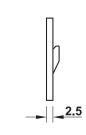
262.62.501











Drilling depth: 3 mm, without play for an exact-fit suspension

Packing: 50 pairs

Packing: 50 pairs **Material** Finish/colour Cat. No.

Material	Finish/colour	Cat. No.
Steel	Yellow galvanized	262.62.500

### → For wall mounting

Steel







→ Centre punch for hook-in connector

Centre punch for hook-in connector with/without play

Centre punch for hook-in connector for wall mounting

Packing: 50 sets

Fixing material supplied		<b>→</b> Ø30 →		1.5
Packing: 50 sets	40	- 6 - 22 -	<b>†</b>	4.5

Material	Cat. No.
Stainless steel	262.62.520

### Packing: 1 piece

	Cat. No.
Centre punch for hook-in connector with/ without play	262.62.990
Centre punch for hook-in connector for wall mounting	262.62.991

### HAFELE

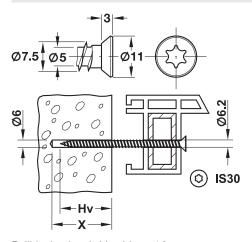
### Window frame screw

→ Window frame screw with countersunk head



→ Window frame screw with cylindrical head





Drill hole depth X ≥ Hv + 10 mm

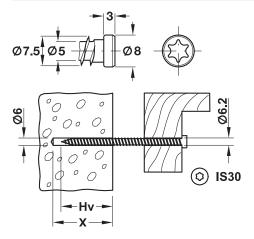
Window and door frames made of wood, metal and plastic, frame to frame coupling and window pockets,

steel galvanized, low-friction coating Type of head: Countersunk head

Drive: T-star drive TS30 Thread: Fully threaded

T	ec	hni	cal	da	ata:	

	Screw-in depth Hv
In concrete	30 mm
In sand-lime brick	40 mm
In solid red brick	40 mm
In pumice brick	50 mm
In light concrete	60 mm
In perforated brick (min. 2 chambers)	60 mm



Drill hole depth X ≥ Hv + 10 mm

Window and door frames made of wood, metal and plastic, frame to frame coupling and window pockets, steel galvanized, low-friction coating

Type of head: Cylindrical head

Drive: T-star drive TS30 Thread: Fully threaded

### **Technical data:**

	Screw-in depth Hv
In concrete	30 mm
In sand-lime brick	40 mm
In solid red brick	40 mm
In pumice brick	50 mm
In light concrete	60 mm
In perforated brick (min. 2 chambers)	60 mm

Packing: 100 pieces

Length	Cat. No.	
mm		
72	051.46.901	
92	051.46.902	
112	051.46.903	
132	051.46.904	
152	051.46.905	
182	051.46.906	
212	051.46.907	

Length mm	Packing pieces	Cat. No.
72	100	051.50.901
92	100	051.50.902
112	100	051.50.903
132	100	051.50.904
152	100	051.50.905
182	100	051.50.906
212	100	051.50.907
302	50 or 100	051.50.909

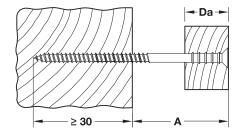
### Adjustable screw



Suitable for wood to wood assembly for interior applications, steel galvanized, low-friction coating

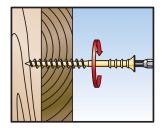
Drive: TS25

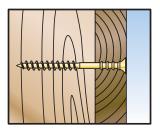
Thread: Self-tapping in wood, Ø 6 mm

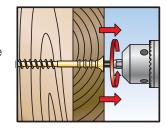


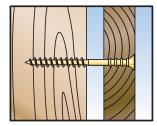
### Mounting:

- > Wooden substructures can be easily installed using adjustable screws. Position lath and screw in adjustable screw flush without pilot drilling.
- > The distance between the lath and the wall can be adjusted exactly by turning the screw anti-clockwise.









### Technical data:

Length mm	Dim. A mm	Dim. Da mm
60	≥30	≥21
80	≥50	≥25
90	≥50	≥25
100	≥60	≥25
110	≥60	≥25
120	≥60	≥25

Packing: 100 pieces

Length mm	Cat. No.
60	051.64.901
80	051.64.903
90	051.64.904
100	051.64.905
110	051.64.906
120	051.64.907

### **Shims**



For aligning substructures, secure hold is ensured by self-clamping screw recess, coloured plastic

Dimensions (L x W): 70 x 24.5 mm



Packing: 100 pieces

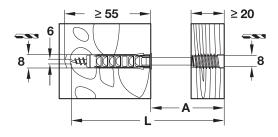
Thickness mm	Colour	Cat. No.
1.0	White	051.93.011
2.0	Blue	051.93.012
3.0	Red	051.93.013
4.0	Yellow	051.93.014
5.0	Green	051.93.015



### Distance screw with short threaded head

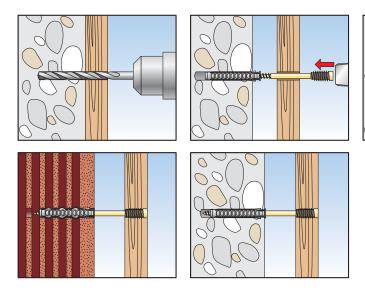


For fixing wooden substructures, windows, lining doors, frame doors, built-in cabinets, etc., suitable for use with plastic wall plugs in concrete and masonry wall material, for screwing directly into wood



### Mounting:

- > These distance screws can be used for all building materials in combination with plastic wall plugs, and for wood without wall plug.
- > The distance screws can be removed at any time.
- > Recommendation: If the screws are screwed in at an angle (approx. 15°), higher transverse loads can be supported.



Steel galvanized
Drive: T-star drive TS25

Length: Threaded head 20 mm

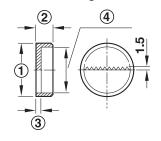
Packing: 50 pieces

Length L mm	Dim. A mm	Cat. No.
80	≥35	051.65.907
100	≥55	051.65.908
120	≥75	051.65.909
150	≥105	051.65.910

## Suspension fittings

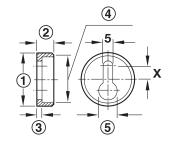
→ For mounting in drilled hole, with serrated edge





→ For mounting in drilled hole, keyhole slot





Plastic white

Technical data:

① External Ø mm	④ Internal Ø mm	② Drilling depth mm	③ Material thickness mm
20.0	16.0	8.5	2.0
30.0	27.0	11.5	2.5

Plastic white

Technical data:

① External Ø mm	④ Internal Ø mm	② Drilling depth mm	③ Material thickness mm	(5) Keyhole width mm	Dim. X mm
20.0	16.0	10.0	2.0	9.0	5.0
30.0	27.0	9.5	2.5	10.0	7.5

Packing: 100 or 1,000 pieces

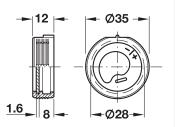
External Ø	Internal Ø	Cat. No.
20	16	290.50.720
30	27	290.50.730

Packing: 100 or 1,000 pieces

External Ø	Internal Ø	Cat. No.
mm	mm	
20	16	290.51.720
30	27	290.51.730

→ For mounting in drilled hole, with height adjustment

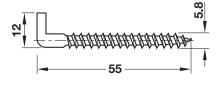




→ Screw hook for suspension fitting with height adjustment



For mirrors, panels, etc.
Housing: Plastic black
Plate: Steel galvanized
Load bearing capacity: 25 kg
Installation: for press fitting
Adjustment facility: ±3 mm
(adjustment via slot in steel plate)



Steel galvanized Drive: flat blade

Note:

Only for use with cabinet hangers with height adjustment, Cat. No. 290.53.000.

Size		J 3	Cat. No.
mm	mm	pieces	
5.8 x 55	12	100 or 1,000	057.02.912

Packing: 100 or 1,000 pieces

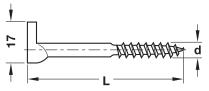
External Ø	Internal Ø	Cat. No.
mm	mm	
35	28	290.53.000



### **Screw hook**

### → Screw hook PZ





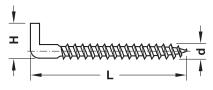
Steel galvanized
Drive: PZ cross slot

### Packing: 100 pieces

Thread Ø d mm	Length L mm	Cat. No.
5.2	50	057.05.905
5.8	65	057.05.906
5.8	80	057.05.908
5.8	100	057.05.910

## → Flat blade screw hook





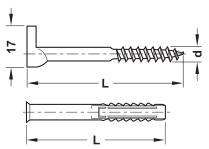
Steel galvanized Drive: Flat blade

Packing: 1 or 1,000 pieces

Dimensions d x L mm	Height H mm	Cat. No.
5.8 x 55	16	057.08.912
5.8 x 60	16	057.08.913

### → Fixing set for cabinet hangers





Screw hook: steel galvanized,

Wall plug: Polyamide Supplied with: Set consists of:

1 screw hook Cat. No. 057.05.908 or 057.05.910 (see above description)

1 Fischer SXR wall plug 8 x 60 mm or 8 x 80 mm, polyamide

### Packing: 1 or 50 pieces

Length L mm	Cat. No.
Screw hook: 80 mm, wall plug: 60 mm	051.47.042
Screw hook: 100 mm, wall plug: 80 mm	051.47.052

### Hook screwdriver



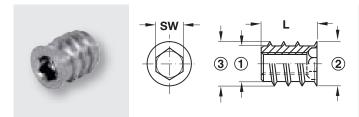
For screwing in screw hooks

Diameter: 18 mm **Packing:** 1 piece

	Cat. No.
Hook screwdriver	006.32.060

### Screw-in sleeve

### → Without rim

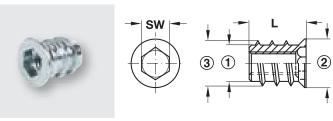


Steel bright
Drive: hexagon socket **Technical data:** 

Internal thread	③ External thread Ø mm	① Body Ø mm	② Head Ø mm	Hexagon socket
M4	8	6	8	SW4
M5	10	8	10	SW5

### **Packing** Internal Length L Cat. No. thread mm pieces Cut M4 10 100 or 2,000 030.07.042 M5 12 100 or 1,000 030.07.053 Rolled M4 10 100 or 2,000 030.07.043 12 M5 100 or 1,000 030.07.054

### → With rim



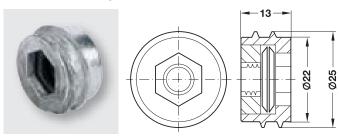
Steel galvanized or yellow chromatized

## Drive: hexagon socket **Technical data:**

Internal thread	③ External thread Ø mm	① Body Ø mm	② Head Ø mm	Hexagon socket
M4/M6	10	7.5	12	SW6
M8	12.5	9.5	14	SW8
M10	15.3	11.5	17	SW10

Internal thread	Length L mm	Packing pieces	Cat. No.	
Galvanized				
M4	8	100 or 1,000	030.07.061	
	10	100 or 1,000	030.07.062	
M6	13	100 or 1,000	030.10.863	
	24	100 or 2,000	030.10.867	
M8	13	100 or 2,500	030.10.883	
	24	100 or 1,000	030.10.887	
M10	20	100 or 1,000	030.10.906	
	25	100 or 1,000	030.10.907	
Yellow chromatized				
M6	15	100 or 3,000	030.10.564	
	17	100 or 2,500	030.10.565	

### → With steel spring



Zinc alloy galvanized Drive: SW12 hexagon socket

### **Technical data:**

Internal thread	External thread Ø mm	Body Ø mm	Hexagon socket
M8	25	22	SW12

Packing: 1 or 100 pieces

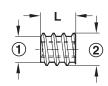
Internal thread	Length mm	Cat. No.
M8	13	030.11.008



### Screw-in sleeve

### → With screwdriver slot





### **Technical data:**

Internal thread	② External thread Ø mm	① Body Ø mm
M4	8	5.5
M5	10	7
M6	12	9
M6	10	7
M8	14	11.5
M8	16	12
M10	18.5	15

Steel galvanized
Drive: screwdriver slot

Internal thread	Length L mm	Packing pieces	Cat. No.
M4	8	100 or 1,000	030.00.100
M4	10	100 or 1,000	030.00.119
M5	10	100 or 1,000	030.00.208
M6	11	100 or 1,000	030.00.306
M6	12	100 or 1,000	030.00.351
M6	13	100 or 1,000	030.00.315
M6	15	100 or 1,000	030.00.324
M8	15	100 or 1,000	030.00.404
M8	18	100 or 500	030.00.422
M10	15	100 or 500	030.00.502

### Sleeve inserter



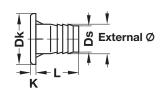
For screwing in screw-in sleeves with screwdriver slot Steel, burnished

### Packing: 1 piece

For internal thread	Cat. No.
M4	006.45.519
M5	006.45.529
M6	006.45.539
M8	006.45.549
M10	006.45.559

### Press-fit sleeve with rim





Steel galvanized

Installation: for press fitting

### **Technical data:**

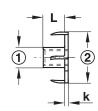
Internal thread	External Ø mm	Body Ø Ds mm	Head Ø Dk mm	Rim thick- ness K mm
M6	9	8.3	14	1.5
M8	11	10.4	19	2.5
M10	13	12.4	22	2.5

Packing: 100 or 1,000 pieces

Internal thread	Length L mm	Cat. No.
M6	14	031.01.960
M8	16	031.01.980
M10	17	031.01.990

### T-nut





Steel bright or galvanized Installation: For knocking in

### Technical data:

Internal thread	Length L mm	② Exter- nal Ø mm	① Sleeve Ø mm	Rim thick- ness k mm
M4	7.0	15.0	5.0	0.8
M5	7.0	17.0	6.3	1.0
M6	7.8	19.0	7.4	1.1
M8	9.8	22.0	9.2	1.2
M10	11.0	25.0	11.3	1.3

Internal thread	Finish	Packing pieces	Cat. No.
M4	Bright	100 or 1,000	031.00.249
M4	Galvanized	100 or 1,000	031.00.445
M5	Bright	100 or 1,000	031.00.258
M5	Galvanized	100 or 1,000	031.00.446
M6	Bright	100 or 1,000	031.00.267
M6	Galvanized	100 or 1,000	031.00.463
M8	Bright	100 or 500	031.00.285
M8	Galvanized	100 or 500	031.00.481
M10	Bright	100 or 500	031.00.301
M10	Galvanized	100 or 500	031.00.490

### **Spreading sleeves brass**

→ For Ø 5 mm drill hole





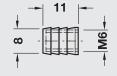
Brass bright internal thread: M4

**Packing:** 100, 1,000 pieces

Dimensions d x L	Cat. No.
mm	
5 x 8	051.45.004

 $\rightarrow$  For Ø 8 mm drill hole





Brass bright internal thread: M6

Dimensions d x L mm	Version	Packing pieces	Cat. No.
8 x 9	Without acrylic beads	100 or 2,500	039.00.267
8 x 12	With acrylic beads	100 or 2,000	039.00.061

→ For Ø 10 mm drill hole





Brass bright Internal thread: M6

Packing: 100 or 1,000 pieces

Dimensions d x L	Cat. No.
mm	
10 x 13	039.00.360



### Glue-in sleeves made from plastic (polyamide)

### → Single sleeves

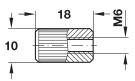




Colour: natural colour

### → Sleeve





Knurled, with continuous internal thread

For drill hole Ø: 10 mm

Colour: white

Packing: 100 or 1,000 pieces

Internal thread	Cat. No.
M6	262.76.700

### For drill Length L **Packing** Cat. No. hole Ø mm pieces mm Internal thread M4 8 100 or 1,000 039.33.140 8 10 100, 1,000 or 039.33.042 5,000 10 10 039.33.239 100 or 5,000 13 100 or 1,000 039.33.033 **Internal thread M5**

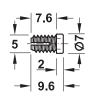
10	11	100 or 1,000	039.33.051
Internal thr	ead M6		
8	11	100, 1,000 or 5,000	039.33.462
10	9	100 or 1,000	039.33.364
10	11	100, 1,000 or 5,000	039.33.266
10	13	100, 1,000 or 5,000	039.33.060

Internal thread M8			
10	12	100 or 1,000	039.33.186

### Spreading sleeves made from plastic (polyamide) for wood screws up to thread Ø 4 mm

### → With collar





Colour: natural colour

### Packing: 100 or 5,000 pieces

For drill hole Ø	Length mm	Cat. No.
5	7.6	042.97.001

### → Without collar





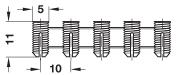
Colour: natural colour

### Packing: 100 or 1,000 pieces

For drill hole Ø	Length	Cat. No.
mm	mm	
5	9.5	042.98.033

### → Strip of sleeves





Colour: natural colour

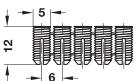
Version: Strip of 20 pieces integrally injection moulded

### Packing: 100 or 5,000 pieces

TOT GITHI HOTO D	Length mm	Cat. No.
5	11	042.98.060

### → Strip of sleeves





Colour: natural colour

Version: Strip of 20 pieces integrally injection moulded

Packing: 100, 1,000 or 5,000 pieces

For drill hole Ø	Length	Cat. No.
mm	mm	
5	12	042.98.051



### Spreading sleeves made from plastic (polyamide) with M6 internal thread

### → Single sleeves



Colour: natural colour

Packing: 100 or 2,500 pieces

	Length L	Cat. No.
mm	•••••	
10	10	039.35.061

### → Single sleeves

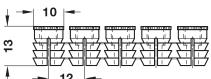


Colour: natural colour With metal core for spreading **Packing:** 100 or 5,000 pieces

For drill hole Ø mm	Length L mm	Cat. No.
8	12	039.04.703

### → Strip of sleeves





Colour: natural colour

version: Strip of 12 pieces integrally injection moulded

Packing: 108 or 5,400 pieces

For drill hole Ø	Length	Cat. No.
mm	mm	
10	13	039.35.064

### **Angle bracket**



Steel galvanized Thickness: 2.5 mm

### Side length Width **Packing** Cat. No. mm mm pieces 50 35 150 070.00.912 70 55 50 070.00.913 90 65 50 070.00.914

### Heavy duty angle bracket with reinforced rib



Steel galvanized Thickness: 2.5 mm

### Packing: 50 pieces

Side length mm	Width mm	Cat. No.
90	65	070.00.924

### Heavy duty bracket with moulded ridge (reinforced rib)



Symmetrical design around the pre-bending line, extremely high stability is achieved due the moulded ridge (reinforced rib) and folded edges; can bear higher loads than comparable angle brackets with thickness of 2.5 mm despite the narrow material thickness

Steel galvanized
Thickness: 1.5 mm

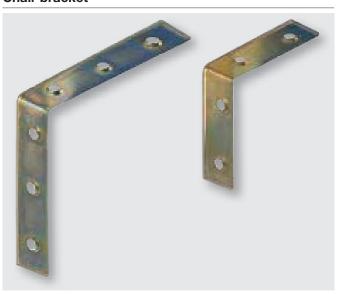
Packing: 50 pieces

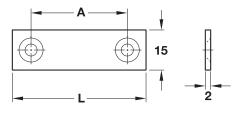
Side length	Width	Cat. No.	
mm	mm		
70	55	070.00.920	
90	65	070.00.921	

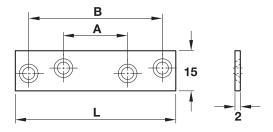
### **Connecting plate**



### **Chair bracket**







	B		SPA 3.0	HOSPA \$\phi\$ 3.5
Material thickne	ess: 2 mm			
D: .		·		

Steel galvanized Material thickness: 2 mm

Packing: 50 o	r 200 pieces
Length L	Dim. A

Length L mm	Dim. A mm	Dim. B mm	Cat. No.
With 2 screw	holes		
50	35	_	260.21.509
70	55	_	260.21.705
With 4 screw holes			
60	28	50	260.20.011
80	16	66	260.20.020
100	28	86	260.20.039

Dimensions (A x B x C) mm	Material	Packing pieces	Cat. No.
With 4 screw	holes		
25 x 25 x 15	Steel, blue galvanized	100	260.28.902
	Stainless steel	50	260.28.002
40 x 40 x 15	Steel, blue galvanized	100	260.28.904
	Stainless steel	50	260.28.004
50 x 50 x 15	Steel, blue galvanized	100	260.28.905
	Stainless steel	50	260.28.005
60 x 60 x 18	Steel, blue galvanized	100	260.28.906
80 x 80 x 18	Steel, blue galvanized	50	260.28.908
With 6 screw	holes		
100 x 100 x 20	Steel, blue galvanized	50	260.28.910

### Adjusting foot for decking







With continuously height adjustable support feet, 3.5–5 decking support pads are required for one m<sup>2</sup> Plate Ø: 190 mm Hard plastic polypropylene

Height			Cat. No.
adjust-		ing	
ment	capacity	pieces	
facility	kg		
Environment			

### For laying decking boards

25- 40 mm	814 per support pad	42	070.05.051
35- 70 mm	831 per support pad	36	070.05.052
65- 155 mm	839 per support pad	32	070.05.053

### For laying BIG-Isostep underlayment

		•	
25- 40 mm	814 per support pad	42	070.05.054
35- 70 mm	831 per support pad	36	070.05.055
65- 155 mm	839 per support pad	32	070.05.056

## Isopat rubber granules for patio subconstructions





For compensating small uneven surfaces, as wood preservation on the upper side and building protection underneath Breathable, vapour diffusionable, rotproof, non-slip, provides a wide supporting surface

Rubber granules

### Installation:

With bearing beams that run crossways in direction of water flow, Isopat is attached at intervals at individual points. This ensures that the drainage of water and dirt is not hindered.

Packing: 1 pack

Dim. (L x W x H) mm	Con- tents	Cat. No.
90 x 60 x 8	48 pieces	070.05.102
90 x 60 x 20	30 pieces	070.05.103

## Isopat rubber granules for decking support pads





For compensating small uneven surfaces,

forest floor effect and footstep sound insulation

Breathable, vapour diffusionable, rotproof, non-slip, provides a wide supporting surface

Rubber granules

Contents: 10 pieces

### Order reference:

Decking support foot not supplied.

Packing: 1 piece

Dim. (L x W x H)	Cat. No.
mm	
192 x 192 x 8	070.05.104

### Spacer for visible fixing



Made from recyclable plastic, Ensures the ventilation between decking boards and bearing beams as well as drying off wet dust, uniform decking pattern, approx. 15 spacers are required for one m2, bolt 7 mm

### Packing: 100 pieces

,	Cat. No.
88 x 25 x 20	070.05.032

### Spacer for invisible fixing



For invisible decking board fitting, for all decking boards with thickness of 20-26 mm and central groove with depth of 4 or 9 mm Tightening range: 5.5–11.5 mm, approx. 15 spacers are required for one m<sup>2</sup> Supplied with:

## Packing: 30 pieces

Screws

	Cat. No.
For wood substructures	070.05.020
For Isostep underlayment	070.07.990

### Spacer bar





For wood decking construction, as intermediate layer for hard wood panel and substructure, provides the screw with the necessary room to move, screws snap off less frequently, ribbed design provides good ventilation, reduces the effect of weathering on the hard wood decking to a minimum

### Packing: 50 pieces

Length mm	Height mm	Cat. No.
730	13	010.96.991

### **Terrastart Start/end fixing component**



For concealed decking board fitting, for decking boards with central groove (width ≥ 4 mm; depth ≥ 9 mm), for use with substructures with aluminium rails and for laying decking boards with spacers for Isostep underlayment Glass-fibre reinforced polyamide

Colour: black

### Supplied with:

Stainless steel screws

Packing: 20 pieces

Suitable for	Cat. No.
Aluminium substructure	070.05.022
Wooden substructure	070.05.021

### Connector for BIG-Isostep aluminium underlayment



For quick and easy connection of BIG-Isostep underlayment by plug fitting

### **BIG-Isostep Aluminium underlayment**



For quick and easy decking subconstruction, resistant against tannic acid, rotproof material, with support for underlaying Isopats (20 x 60 x 90 mm), max. distance of Isopats 1,100 mm (centre–centre of support points), total construction height (underlayment and Isopats): 57 mm Aluminium, black powder coated

### Note:

When installing the underlayment, a distance of 20 mm to buildings or other fixed objects and a distance of 10 mm between two underlayments (butt joint) must be provided.

### Packing: 4 pieces

Dim. (L x W x H) mm	Cat. No.
196 x 58 x 32	070.07.991

Packing: 1 piece

Dim. (L x W x H) mm	Cat. No.
4000 x 64 x 45	070.07.914

### Isostep Aluminium underlayment



A continuously extendable aluminium profile with integrated XennoX® rubber granules insert, resistant against tannic acid, for use on even surfaces or wherever low installation height is required

Aluminium, black powder coated

Packing: 1 or 10 pieces

Dim. (L x W x H) mm	Cat. No.
1800 x 40 x 23	070.07.901



CHEMICAL PRODUCTS, SURFACE PRODUCTS AND GLUES

# CONTENTS

## CHEMICAL PRODUCTS, SURFACE PRODUCTS AND GLUES

Joint sealants, assembly adhesives and accessories



Assembly foams and accessories



**Draught seals** 



**Sealing tapes** 



Adhesives, glues and accessories



**Accessories for veneering** 



**Adhesive tapes** 



Surface products



### Häfele Acryl Joint sealant



For gaps and cracks in masonry and plaster, plasto-elastic, acrylate-based, single component joint sealant, very good adhesion to porous surfaces,

colour-fast, waterproof and can be painted when fully cured

Elasticity: max. 15 %, Volume shrinkage: approx. 15 %

Processing temperature: +5 to +30 °C

Contents: 310 ml

# Henkel Teroson SE 139 building connection joint sealant, acrylic



Sealing of component and connection joints of windows, façade elements and front doors elastic, acrylate-based joint sealant, self-adhesive, stable, immediately rainproof, can be painted, resistant to weather and ageing, for outdoor and indoor use, permanently elastic 25 %

Standard: Conforms to IVD information sheet No. 9

Processing temperature: +5 to +40 °C

Contents: 300 ml

# Henkel Teroson SE 20 Acrylic joint sealant



For light-duty connection joints in indoor areas,

e.g. for sealing of small and mediumsize wooden windows, roller blind boxes, window sills or seals for prefabricated components, heating, ventilation and air conditioning systems, etc., plasto-elastic, acrylate-based joint sealant,

adheres to slightly damp and absorbing surfaces, self-adhesive on most standard building site surfaces without primer, easily sprayable and odourless, can be painted with all common colour systems, resistant to weather and ageing,

Elasticity: 10 %,

Volume shrinkage: approx. 24 %

Processing temperature:

Contents: 300 ml

+5 to +40 °C

### Packing: 1 or 20 pieces

Colour	Cat. No.
White	003.50.070
Transparent	003.50.071

Packing: 1 or 12 pieces

Colour	Cat. No.
White	003.55.041

Colour	Cat. No.
White	003.55.070

# Henkel Teroson SE 108 Joint sealant for windows, silicone



For sealing glass in wood and woodaluminium windows

For sealing connection joints and construction joints, for sealing edges of metal elements, soft-elastic, neutral-curing silicone for universal use (alcoxy system), self-adhesive without primer on many surfaces for various connection joints

Neutrally cross-linking, light fast and UV stable, odourless, highly wear-free, permanently elastic 25 %

Standard: Conforms to DIN 18545 part 2 group E

Contents: 300 ml

### Packing: 1 or 12 pieces

Colour	Cat. No.
White	003.55.160
Transparent	003.55.161

### Häfele Bau Joint sealant, silicone



For building and construction joints and glazing work

Permanently elastic, neutral joint sealant, based on silicone (oxime system), very good adhesion to alkaline surfaces such as concrete, skin formation after 5 minutes, odour free, cannot be painted, colour-fast, resistant to UV radiation and ageing

Standard: Conforms to DIN 18454 part 2 and DIN 18540 part 2

Processing temperature: +1 to +30 °C

Contents: 310 ml

### Packing: 1 or 20 pieces

Colour	Cat. No.
Transparent	003.50.040
White (similar to RAL 9016)	003.50.041
White matt	003.50.327
Manhattan/light grey	003.50.042
Brown (similar to RAL 8028)	003.50.043
Oak (similar to RAL 1002)	003.50.044
Black (similar to RAL 9004)	003.50.046

### Häfele Sanitär Joint sealant, silicone



Building and construction joints, glazing work

Permanently elastic, silicone-base joint sealant (vinegar cross-linking), adheres to glass, wood, metal and other material, mould resisting treatment solvent-free, cannot be painted, colour-fast and UV resistant

### Note:

Not suitable for insulated glass and self-cleaning glass.

Processing temperature: +1 to +30 °C

Contents: 310 ml

Colour	Cat. No.
White	003.50.011
Transparent	003.50.010



### Pattex Küche Joint sealant, silicone



Silicone sealant for expansion joints and connection joints in kitchens, without fungicides, food safe, resistant to UV radiation and ageing, elastic and wear-free, sour cross-linking

Temperature resistance: fully cured –50 to +150 °C Processing temperature: +5 to +40 °C

Contents: 300 ml

### Pattex Putz und Fassaden Joint sealant, acrylic



For sealing cracks in plaster and masonry, e.g. repair works on façades, connection joints between frame and masonry, filling uneven areas in structured surfaces, for indoor and outdoor use, Plasto-elastic, acrylate-based joint sealant

Temperature resistance: fully cured -20 to +70  $^{\circ}\text{C}$ 

Processing temperature: +5 to +40 °C

Contents: 300 ml

Packing: 1 piece

Colour	Cat. No.
Transparent	003.55.171

Packing: 1 or 12 pieces

Colour	Cat. No.
White	003.55.060



# ORDER ONLINE.

ORDER CONVENIENTLY, SIMPLY AND 24/7 ONLINE.

www.hafele.com

### Häfele PU 45FC Joint sealant/assembly adhesive, elastic



For sealing and flexible bonding with metal constructions and various other materials, for use with contraction joints, extremely good adhesion on various surfaces, permanently elastic, weather resistant, vibration resistant, single-component, polyurethane based assembly adhesive

Processing temperature: +5 to +30 °C

Contents: 310 ml

Packing: 1 or 20 pieces

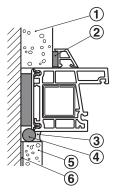
Colour	Cat. No.
White	003.52.010

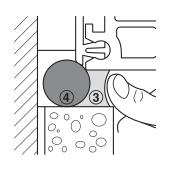
### **PE Joining strip**



For backfilling building connection joints before joint sealant is applied, polyethylene
Standard: Construction material class B:

Standard: Construction material class B2 in compliance with DIN 4102





- 1 External plaster
- 2 Häfele BG2 draught seal
- 3 Joint sealant
- 4 Joining strip
- (5) Internal plaster
- (6) Plasterer's bead

Diameter mm	Length m	Cat. No.
6.0	100	003.53.010
8.0	100	003.53.011
10.0	100	003.53.012
15.0	100	003.53.013
20.0	50	003.53.015
25.0	50	003.53.016

# Ponal Construct PUR-Express PNC6G Assembly adhesive



For all kinds of bondings that must be waterproof and resistant to heat,

- > E.g. bonding of solid wood, wood/plastic or wood/metal,
- > Bonding of kitchen worktops and wooden window corner joints,
- Bonding of steps and front door panels,
- Bonding of insulation material, painted surfaces, parquet flooring, laminated flooring and floor boards,
- Bonding to plaster, plasterboard, concrete or other mineral surfaces

Moisture-curing, foams up only slightly, single-component, polyurethane based building adhesive

Processing temperature: +5 to +40 °C

Contents: 440 g

# Assembly adhesive Ponal Statik 2K-PUR expansion adhesive



For mounting wooden steps on concrete or stone, re-adjustable (long open time), curing humidity-independent, can be cut after 8 minutes, final strength after approx. 20 minutes

Shrinkage/post expansion ±2 %

Two component, polyurethane-based expansion adhesive

Processing temperature: +5 to +30 °C

Contents: 165 g

# Assembly adhesive Ponal Rapido 2K-PUR expansion adhesive



For fixing of door frames, steps and window sills, simple processing with cartridge gun, high stability during processing, assembly strips not required, can be cut after 4 minutes, loadable after 20 minutes, shrinkage/post expansion ±2 %, Colour: Green,

Processing temperature: +5 to +30 °C

Con- tents g	Packing pieces	Cat. No.
165	10	003.54.105
330	6	003.54.106

→ Replacement nozzle for Ponal Statik and Ponal Rapido



For Ponal Statik and Ponal Rapido **Order reference:** 

1 pack contains 10 pieces

Packing: 1 pack

	Cat. No.
Replacement mixer	003.54.993

Packing: 1 or 6 pieces

ColourCat. No.Pearl white003.56.210

Colour	Cat. No.
Grey	003.54.107

### Assembly adhesive Häfele PU building adhesive



For bonding wood and metal, ceramic, stone, mineral and glass fibre boards, polystyrene and various plastics

Quick curing, expanding, solvent-free, water resistant,

open time approx. 10 minutes, press time approx. 45 min,

single-component, polyurethane based building adhesive

Processing temperature: +5 to +35 °C

Contents: 310 ml

### Assembly adhesive Häfele Pro building adhesive



For hard bonds for heavy material in the construction area, for bonding of wall cladding, panels, skirting made from wood and PVC, insulating, decorative and acoustic boards, cable channels on fibre cement, aircrete, chipboard, MDF boards, rigid PU foam, etc., bonding of concrete and wood constructions, installation of window sills, as well as decorative components made from rigid PU foam or polystyrene, repair bondings of ceramic tiles, odour free, excellent adhesive strength with extremely high initial adhesion,, resistant to driving rain and ageing, not weather resistant, compensates for uneven surfaces, can be painted with watery paint systems, loadable 24 hours after bonding,

Temperature resistance: -20 to +70 °C

single component, solvent-free

Contents: 310 ml

acrylic dispersion

# Häfele Dispersion Assembly adhesive



For bonding wall and flooring materials onto substructures, wood, concrete, stone and metal,

adheres to all common surfaces (not PE and PP),

moisture resistant, good gap filling properties, solvent-free, can be painted

Processing temperature: +5 to +30 °C

Contents: 310 ml

Packing: 1 or 20 pieces

Colour	Cat. No.
Beige	003.50.170

Packing: 1 or 12 pieces

Colour	Cat. No.
White	003.50.180

Colour	Cat. No.
White	003.50.100

### Pattex PL 100 Assembly adhesive



For indoor use, for bonding porous surfaces, e.g. for skirting made from wood and PVC, decorative and insulating panels, decorative profiles made from polystyrene and PU foam, stucco profiles, wooden door frames, wooden panels and wall claddings

Extremely high initial adhesion and final strength,

solvent-free Plastic dispersion adhesive

Temperature resistance: -20 to +70 °C Processing temperature: +10 to +40 °C

Contents: 300 ml

Packing: 1 or 12 pieces



# Pattex PL 300 Total Fix Assembly adhesive



For flexible bonding on porous and non-porous surfaces, for indoor and outdoor use, e.g. for wood, metal, glass, stone, lacquered surfaces, etc., ideal for bonding stainless steel, not suitable for PE, PP, PTFE, acrylic glass

Weather resistant and non-aging, can be sanded and painted, sealing to protect against moisture, vibration-absorbing and vibrationresistant

Elongation at break approx. 300 % in compliance with DIN 53504, 15 min. open time, silane cross-linked polymer

Temperature resistance: fully cured -30 to +80 °C Processing temperature: +5 to +40 °C

Contents: 300 ml

### Häfele Hybrid Power glue



For structural bondings that are subject to dynamic stress

Strong initial adhesion, can be painted after skin formation, can be sanded, solvent-free, odourless, high tensile and shearing strength, high tear resistance, tolerance compensating, vibration-retardant, non-corrosive, resistant to UV radiation, weathering and ageing

MS polymer based

Processing temperature: +5 to +30 °C

Contents: 290 ml

Packing: 1 or 12 pieces

Colour	Cat. No.
Light ivory	003.56.100
White	003.56.107
Transparent	003.56.104

Colour	Cat. No.
White	003.50.160

### Häfele Kristall Power glue



Single component sealant/adhesive for flexible bonding and perfect seals indoors and outdoors, flexible structure bonding, for invisible bonding of glass structures, for example, high adhesion strength and excellent adhesion on most, even wet, surfaces, resistant to UV radiation, weathering and ageing, paint compatible, can be painted with all water-based paints, wet on wet application possible, compensates for uneven surfaces, no bubble formation on porous surfaces, glass-clear curing, permanently elastic, primer-free application in most areas of application, based on MS Polymer technology, contains no solvents, isocyanates or silicones

Processing temperature: +5 to +40 °C Temperature resistance: -40 to +90 °C

Contents: 290 ml

Packing: 1 or 12 pieces

Colour	Cat. No.
Glass-clear	003.50.165

### Häfele Mirror adhesive



For bonding mirrors to

- > Wood,
- > Concrete,
- > Stone,
- > Glass and
- > Metal

Does not attack the mirror, solvent-free, flexible

MS polymer based

Contents: 290 ml

Colour	Cat. No.
Light grey	003.50.140



### Sausage pack caulking gun



For sausage pack up to 600 ml contents

Packing: 1 piece

	Cat. No.
Hand gun	003.52.955

### Häfele Cartridge gun



For standard cartridges up to 310 ml contents

Packing: 1 piece

	Cat. No.
Cartridge gun	003.52.978

### Cartridge gun



For Ponal Rapido XXL

	Cat. No.
Cartridge gun	003.54.920

### Makita DCG180RYEX Cordless cartridge gun



- Cordless cartridge gun for 310 ml cartridges and 600 ml sausage packs
- > No dripping of the cartridge contents after releasing the trigger
- 5 revolution speeds for different materials and widths of output amount
- > With integrated LED

Technical data	
Lithium-ion battery	18 V/1.5 Ah
Feed rate	0-28 mm/seconds
Max. pressing pressure	500 kg
Cartridge capacity	310 ml
Sausage pack	600 ml
Length	411 mm
Weight	2.2 kg

### Supplied with:

- 1 case
- 1 battery charger
- 2 BL1815 rechargeable batteries
- 1 holder for cartridge 310 ml
- 1 holder for sausage pack 600 ml

	Cat. No.
Makita DCG180RYEX cordless cartridge	003.52.986
gun	

### Sealant scraper



For thoroughly removing residues of all commercial sealants from an angle of 90°, can be used on all hard surfaces

### Note:

This sealant scraper is not suitable for materials such as plastic or wooden products

### Supplied with:

- 1 sealant scraper
- 2 blades
- 1 hexagon screwdriver SW2.5

Packing: 1 piece

	Cat. No.
Sealant scraper	003.52.240

→ Replacement blades for sealant scraper



Packing: 1 pack

Contents	Cat. No.
6 replacement blades	003.52.241

### Smoothing tool set



For evenly smoothing joints at a 45° angle for all commercial sealants, highly elastic, wear-free, acid resistant, shape and edge stable

### Smoothing tool set







For evenly smoothing hollow joints, for all commercial sealants, highly elastic, wear-free, acid resistant, shape and edge stable

### Häfele Smoothing tool



For evenly smoothing of all commercial sealants, highly elastic, wear-free, acid resistant, shape and edge stable, no need for time consuming edge masking

### Supplied with:

Contains 3 smoothing tools with side length of 3, 5, 6, 8 and 10 mm

### Packing: 1 pack

Contents	Cat. No.
3 smoothing tools	003.52.230

### Supplied with:

Contains 3 smoothing tools with radius of 4, 6, 8, 10, 12 and 14 mm

Packing: 1 pack

Contents	Cat. No.
3 smoothing tools	003.52.220

### Supplied with:

3 smoothing tools with radius of 4, 5, 6, 7, 8, 9, 10, 12 mm and angle of 90°

Packing: 1 pack

Contents	Cat. No.
3 smoothing tools	003.52.221

### Spare sealant nozzle for cartridge



Spare nozzles with cap for cartridges (310 ml), plastic

## Silicone tube snip



### For perfect joints!

For saving up to 50 % sealant, ensures exact cutting angles, suitable diameter for required joint

### Packing: 5 pieces

	Cat. No.
Spare sealant nozzle	003.50.050
for cartridge	

	Cat. No.
Silicone tube snip	003.50.059

# Häfele Two component assembly foam



For insulating and assembling door frames, for gluing and filling, self-expanding two component rigid polyurethane foam, good filling properties, no shrinkage or post-expansion, quick hardening from the inside out, good acoustic and thermal insulation characteristics

Processing temperature:

Colour: light green

+10 to +25 °C

### Note:

Adheres to many types of material, except PE, PP, Teflon and silicone rubber

Packing: 12 pieces

Contents ml	Cat. No.
400	003.52.103

# Häfele Two component assembly foam for door frames



For installation of door frames, self-expanding two component rigid polyurethane foam, propellant-free, recyclable packaging, sufficient for 1 door with min. 6 installation points

Processing temperature: +10 to +30 °C

Colour: champagne coloured

Packing: 16 pieces

Contents ml	Cat. No.
210	003.52.104

# Ponal M532 Two component assembly foam for frames



For fixing door frames and windows made from wood, plastic and metal, for steel frame installation, self-expanding two component rigid polyurethane foam, supports can be removed after approx. 30 minutes, shrinkage/post expansion <3 %, i.e. less than 3 % hold pressure and shrinkage
Standard: Tested to E DIN 18111, B2 in compliance with DIN 4102, sound insulation of joint tested to DIN 52210

Sound insulating value: 57 dB

Processing temperature: +10 to +25 °C

Packing: 12 pieces

Contents ml	Cat. No.
400	003.54.104





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# Häfele Single component assembly foam



For insulating, assembling, bonding and filling, self-expanding single component rigid polyurethane foam, good filling properties, good acoustic and thermal insulation characteristics

Processing temperature: +5 to +30 °C Colour: champagne coloured

### Note:

Adheres to many types of material, except PE, PP, Teflon and silicone rubber

Packing: 12 pieces

Contents ml	Cat. No.
750	003.52.100

→ Replacement nozzle

Replacement nozzle **Packing:** 5 pieces

Material	Cat. No.
Plastic	003.52.200

# Häfele Single component assembly foam for foam guns



For insulating, assembling, bonding and filling, self-expanding single component rigid polyurethane foam, good filling properties
Sound insulating value: tested ≤57 dB,
Thermal insulation:: good thermal insulation characteristics

Processing temperature: +5 to +30 °C Colour: yellow

### Note:

Adheres to many types of material, except PE, PP, Teflon and silicone rubber

Packing: 12 pieces

Contents ml Cat. No.	
750	003.52.102

# Häfele Profi Single component assembly foam for foam guns



For insulating, assembling, bonding and filling, excellent shrinkage/post expansion stability, very low post-expansion, non-stick after approx. 8 minutes, can be cut after approx. 40 minutes, supports can be removed after approx. 120 minutes
Sound insulating value: tested ≤61 dB, Thermal insulation:: thermal conductivity 0.04 W/mK
Processing temperature:
+5 to +30 °C
Colour: grey

### Note:

Adheres to many types of material, except PE, PP, Teflon and silicone rubber

Contents ml	Cat. No.
500	003.52.109

# Henkel Teroson EF 537 Single component assembly foam for foam guns



For insulating, assembling, bonding and filling (suitable for external thermal insulation composite systems), flexible single component expanding foam, gun version, with B1 quality for acoustic and thermal insulation of window connection joints, Colour: beige, flame retardant, Shearing strength: 4.0 N/cm² Standard: B1 in compliance

with DIN 4102

Sound insulating value: tested 60 dB

Low temperature foam:

Can temperature: up to -5 °C,

Processing temperature: up to −10 °C,

i.f.t. tested long-term flexibility, low post-expansion of only 20 %

Packing: 12 pieces

Contents ml	Cat. No.
750	003.54.101

### Häfele Foam cleaner



For removing fresh foam splashes, for cleaning tools and guns

### Häfele PU adhesive remover



For removing cured PU foam from wood, PVC and aluminium

### Note:

Test surface for suitability prior to application, not suitable for cleaning textiles, allow to soak for max. 20–30 minutes

Packing: 1 or 12 pieces

Contents ml	Cat. No.
500	003.52.900

Packing: 1 or 12 pieces

Contents ml	Cat. No.
250	003.52.905

### Spray bottle



For moistening the bonding surfaces before applying foam, for uniform curing of single component assembly foams

Contents ml	Cat. No.
1500	003.52.891



### Basic series foam gun



### Plastic/metal

Light-duty version, with metal bolt, robust version for easy handling, extra large adjusting screw allows for precise adjustment, excellent grip provided by rubber coated, ergonomic handle

Packing: 1 piece

	Cat. No.
Foam gun	003.52.352

### Guardia X7 Foam gun



### Metal

Area of application: For single component assembly foam, the low weight ensures tiring-free working, excellent stability, Soft-Sleeve seal on foam inlet and outlet, improved adjusting mechanism for controlled foam application

Packing: 1 piece

	Cat. No.
Foam gun	003.52.353

### Lite Plus Foam gun



Metal, high-quality version, excellent grip provided by rubber coated handle

Supplied with:

1 sealing set

1 non-stick coated adapter/needle

Packing: 1 piece

	Cat. No.
Foam gun	003.52.351

### Double-barrelled ratchet gun



For two component expanding foam

	Cat. No.
Double-barrelled ratchet gun	003.52.935

### Replacement nozzle for single component foam gun





Plastic

Packing: 1 piece

	Cat. No.
Replacement nozzle for single component foam gun	003.52.926

Plastic

Packing: 10 pieces

	Cat. No.
Fine nozzle	003.52.359

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MT 2018, HDE, 10/17; Dimensional data not binding. We reserve the right to alter specifications without notice.



### Häfele Draught seal, compressed



### Note:

Dim. (B x D);

B = tape width; D = for the specified gap width

Colour: anthracite

### **Technical data:**

Draught seal, compressed	BG1	BG2
Application	Outside	
Requirements in compliance with DIN 18452	BG1	BG2
Temperature resistant	-20 to +80°C	–20 to +60 °C
Flame retardant in compliance with DIN 4102 (with min. compression of 50 %)	B1	
Softener-free	X	
Acrylic impregnated	X	
Building material compatible	X	
Paint compatible	X	
Min. compression 50 %	X	
Gross density (g/m)	150	100
Resistance to driving rain Pa	600 (corresponds to wind force 11)	300 (corresponds to wind force 9)

→ For heavy-duty connection joints of stress group (BG) 1
Outside,

window connection joints, connection joints of doors and partition wall systems,

component and expansion joints in building construction, seal for wood constructions/for external thermal insulation composite system,

acoustic insulation, joint restoration, Standard: Stress group (BG) 1 in accordance with DIN 18542 → For light-duty connection joints of stress group (BG) 2

Outside,

for partition wall systems, for light-duty connection joints,

window connection joints, door connection joints, seal for wood constructions/for external thermal insulation composite system,

lap joints in roof areas, acoustic insulation, Standard: Stress group (BG) 2 in accordance with DIN 18542

Packing: 1 piece

Dim. (B x D) mm	Length m	Cat. No.
10 x 1-4	156	003.58.440
15 x 1-4	104	003.58.441
15 x 4-9	64	003.58.442
15 x 6-15	34.4	003.58.443
20 x 2–6	72	003.58.444
20 x 4-9	48	003.58.445
20 x 5-12	33.6	003.58.446

Dim. (B x D) mm	Length m	Cat. No.
10 x 1-4	156	003.58.425
15 x 1-4	104	003.58.426
15 x 4-9	64	003.58.427
20 x 2-6	72	003.58.428
20 x 5-12	33.6	003.58.429

### Glazing tape

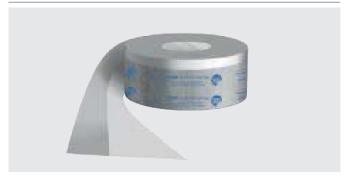


Versatile glazing and sealing tape, for glazing in window and door construction in conjunction with elastic sealants, self-adhesive on one side, made from high-quality polyethylene foam, roll at 20 m

Packing: 10 pieces

Colour	Dim. (B x D) mm	Cat. No.
White	9 x 2	003.59.203
	12 x 2	003.59.204
	9 x 3	003.59.213
	12 x 3	003.59.214
Anthracite	9 x 2	003.59.208
	12 x 2	003.59.209
	9 x 3	003.59.218
	12 x 3	003.59.219

# Henkel Teroson FO SD1 FOIL-TACK DUO Sealing tape



For sealing connection joints in outdoor areas (cold side of the building), with façade, window and door elements, with external thermal insulation composite system (ETICS), water vapour–permeable, resistant to driving rain, airtight and windproof, self-adhesive and can be plastered with Premium fleece (side dependent), adherent to wet blind frames, robust and extremely tear-resistant, re-adjustable, additional mechanical fixing is not required when applied overhead

# Henkel Teroson FO SD50 FOIL-TACK DUO Sealing tape



For sealing connection joints in indoor areas (warm side of the building), with façade, window and door elements, vapour diffusion retardant (sd value: Approx. 50 m), airtight and windproof, self-adhesive and can be plastered with Premium fleece (side dependent), adherent to wet blind frames, extremely tear-resistant, re-adjustable, additional mechanical fixing is not required when applied overhead

Width mm	Packing pieces	Cat. No.
75	1 or 4	003.58.660
100	1 or 4	003.58.661
150	1 or 2	003.58.662

Width mm	Packing pieces	Cat. No.
75	1 or 4	003.58.663
100	1 or 4	003.58.664
150	1 or 2	003.58.665

# Henkel Teroson FO SD1 SK Sealing tape



For sealing connection joints in outdoor areas (cold side of the building), for windows, window elements, front doors, vapour diffusion permeable, airtight and windproof, resistant to driving rain, can be plastered and painted (side dependent), self-adhesive on one side, suitable for pre-mounting on windows, robust and tear-resistant (sd value 1 m), bitumen-compatible, not suitable for areas in direct contact with the ground

Colour: light grey Length: 60 m

### Packing: 1 piece

Width mm	Cat. No.
75	003.58.580
100	003.58.581
150	003.58.584

### Henkel Teroson AD SP Adhesive paste



For bonding of Teroson FO SD1 SK and Teroson FO SD50 SK sealing tapes, for use on all mineral surfaces, suitable for dry and slightly damp surfaces, UV stable, gap bridging, cross-linked through physically drying Processing temperature:

+5 to +40 °C Colour: white

Packing: 1 or 12 pieces

Contents ml	Cat. No.
600	003.58.593

# Henkel Teroson FO SD50 SK Sealing tape



For sealing connection joints in indoor areas (warm side of the building), for windows, window elements, front doors, façade elements, vapour diffusion retardant, resistant to driving rain, airtight and windproof, can be plastered and painted (side dependent), for pre-mounting on blind frames, self-adhesive on one side, can be processed up to –5 °C and on damp surfaces, extremely robust and tear-resistant (sd value 50 m), primer or additional mechanical fixing is not required when applied overhead

Colour: white Length: 60 m

### Packing: 1 piece

Width mm	Cat. No.
75	003.58.520
100	003.58.521
150	003.58.523

### Henkel Teroson AD SP plus Adhesive paste



For bonding of Teroson FO SD1 SK and Teroson FO SD50 SK sealing tapes, for use on all mineral surfaces (dry and slightly damp), particularly suitable for damp weather

Processing temperature: -5 to +40 °C Colour: grey

Packing: 1 or 20 pieces

Contents ml	Cat. No.
600	003.58.594

### Henkel Teroson AD SPS Foam adhesive



For bonding window and front door foils that can be plastered over, for bonding of Teroson FO SD1 SK and Teroson FO SD50 SK sealing tapes, to almost any load bearing surfaces such as masonry, concrete, wood materials, wood, foil etc. (dry, slightly moist, straight and uneven), particularly suitable for damp weather, self-adhesive,

can also be processed overhead, applicable without using force

fully hardened within 1 hour, can be used on almost any surface, even without primer

With GEV seal of approval EMICODE® EC 1 PLUS R "very low emission"

Processing temperature: -5 to +35 °C Material: single component polyurethane foam Colour: green

Contents ml	Cat. No.
750	003.58.500

### Henkel Teroson FO SD3 SK1 Sealing tape



For sealing connection joints of windows/façades in outdoor areas vapour diffusion permeable, airtight, windproof and resistant to driving rain, waterproof, flexible and tear-resistant (sd value 3.7), self-adhesive on one side, pre-mounting on façades possible, additional mechanical fixing is not required when applied overhead, bitumen-compatible, UV resistant

Temperature resistance:

-40 to +90 °C, Colour: anthracite Length: 25 m

Packing: 1 piece

Width mm	Cat. No.
150	003.58.532
200	003.58.533

### Henkel Teroson AD KDS Adhesive and sealant paste



For bonding Teroson FO SD3 SK1 sealing tape to the structure, for use on all mineral surfaces, even extremely rough surfaces UV stable, gap bridging, re-adjustments in fresh adhesive bed easily possible, paste-like and self-levelling properties, cross-linked through humidity absorption Processing temperature:

-5 to +40 °C, Colour: black **Packing:** 1 piece

Contents ml	Cat. No.
570	003.58.595

# Henkel Teroson FO KSK M+S Sealing tape





Consists of double-layer special foil with plastic art compound, rubber, bitumen, adhesive and sealing compound, seal against rising damp, leakage water, rain water and pressurised water

# Extremely suitable as wall connection in patio construction.

Pre-treat surface with primer. Features:

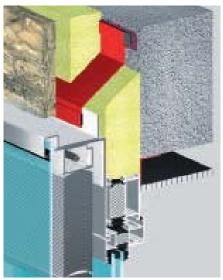
- > Self-adhesive
- > Immediate adhesion and rainproof
- > Water pressure tight up to 4 bar
- > Water vapour proof

Packing: 1 piece

Dimensions (L x W)	Cat. No.
20 m x 300 mm	003.58.524

# Henkel Teroson PR Primer Spray M+S





For surface preparation and hardening, for use on all mineral surfaces, connection joint seal for damp surfaces and minus temperatures, evaporation time 20–50 minutes, consumption 80 g/m², synthetic resin primer

Temperature resistance:

-20 to +90 °C

Processing temperature:

-10 to +35 °C

Contents ml	Cat. No.
750	003.58.591



### **Pattex Classic Contact adhesive**



For bonding wood materials combined with rubber, leather, cork, felt, hard PVC, soft foam materials, metal and other, consumption approx. 250–350 g/m<sup>2</sup>

Temperature resistance: up to 110 °C, Processing temperature: +18 to +25 °C

### Packing: 1 piece

Contents g	Packing pieces	Cat. No.
650	1 or 6	003.56.910
4500	1	003.56.911
24000	1	003.56.913

# Pattex Air-Classic PXS6C Contact adhesive, injectable

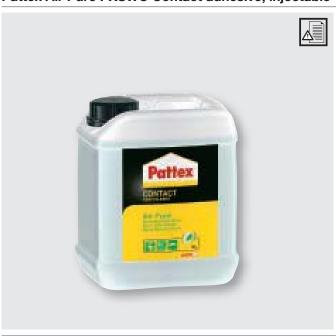


Perfect, homogeneous adhesive film, controlled, clean spray application, extremely short evaporation time, highly heat resistant

### Packing: 1 piece

003.02.300

### Pattex Air Pure PXSWC Contact adhesive, injectable



Water-based, processing-friendly formula, controlled, clean spray application, very high adhesive bond strength, further processing (cutting to size, routing, transporting) possible directly after crimping, easy cleaning of tools using water

Contents g	Cat. No.
4500	003.02.310

### Uhu-Plus endfest 300 Two component adhesive



Two component adhesive based on epoxy resin Mix ratio 1:1, pot life 90 minutes, bond is resistant to ageing and moisture, load bearing capacity up to 300 kg/cm<sup>2</sup>

Note: Cartridge can only be used with applicator gun

	Contents g	Packing	Cat. No.
2 tubes (bonding agent/ hardener)	33	1 pack	003.03.024
Cartridge	53	1 piece	003.03.020

### Häfele Rapid set adhesive system

→ Rapid set adhesive





Cyanacrylate-based building adhesive, fast curing with activator, use without activator also possible

Packing: 1 or 6 pieces

Contents g	Cat. No.
50	003.04.001

### → Activator



For fast activation of Häfele rapid set adhesive

Packing: 1 or 12 pieces

Contents ml	Cat. No.
200	003.04.010

# Processing aid for two component adhesive in cartridge



	Pack- ing pieces	Cat. No.
Applicator gun	1	003.03.029
Mixer short/77 mm	10	003.03.028

### Häfele Spray adhesive



Permanent bonding of cotton, different plastics, paper, cardboard, wood, veneer and metal, odourless, transparent and with quick initial adhesion

Packing: 1 or 12 pieces

Contents ml	Cat. No.
400	003.56.967

# Henkel Loctite 243 Threadlocking adhesive



### For universal use

Suitable for active (e.g. iron and brass) and passive (e.g. stainless steel and aluminium) metals, improved temperature resistance, adhesive bond strength: Medium, Colour: blue

Contents ml	Cat. No.	
5	003.09.350	

### Henkel Technomelt KS 217 EVA hot-melt adhesive, granules



For edge banding material: Solid wood, veneer, melamine, polyester, HPL\*, PVC\*, ABS\*, PP\*, \* suitability depends on the special characteristics of the edge banding material and pre-treatment thereof,

softening point (ring and ball) approx. 105 °C, viscosity (Brookfield) approx. 100,000 mPas at 180 °C, approx. 55,000 mPas at 200 °C, heat resistance approx. 90 °C,

tested with 0.6 mm oak veneer in accordance with Dorus test method of increasing temperature

### Note:

 Recommended processing temperature in melting container: 180–200 °C, on application roller: 190–200 °C
 Feed rate: min. 12 m/minute

Contents: 25 kg

# Henkel Technomelt KS 208/2 EVA hot-melt adhesive, granules



For edge gluing with feed rate from 15 m/min. Edge banding material: Veneer, melamine, polyester, HPL\*, PVC\*, ABS\*, PP\* \*up to thickness of approx. 2 mm

Contents: 25 kg

### Packing: 1 piece

Colour	Cat. No.
Natural	003.09.625
White	003.09.634
Brown	003.09.678

Colour	Cat. No.
Black	003.09.742

# Henkel Technomelt KS 351 EVA hot-melt adhesive, granules



High thermal stability, no skin formation with longer downtimes, thin and closed joint,

feed rate: min. 12 m/minute,

for edge banding material: Solid wood, veneer,

melamine, polyester, PVC, ABS, PP

Contents: 25 kg

Packing: 1 piece

Colour	Cat. No.
Transparent	003.09.562
White	003.09.563

# Henkel Technomelt KS 224/2 EVA hot-melt adhesive, granules



Specially developed for mobile edge banding machines, for edges made from: Veneer, PVC\*, solid wood, melamine, polyester, ABS\*, \*up to a thickness of approx. 1 mm, rapid melting and curing of adhesive, high yielding, extremely efficient wetting,

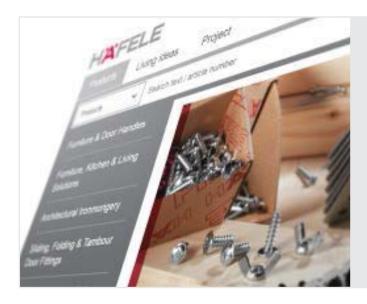
heat resistance +75 °C

Processing temperature: 120-140 °C

Contents: 25 kg

Packing: 1 piece

Colour	Cat. No.
Natural	003.09.781



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# Henkel Technomelt Dorus HKP 20 EVA hot-melt adhesive, cartridges



For edge gluing with HOLZ-HER cartridge edgebanders with feed rate from 10 m/minute

Edge banding material: Solid wood, veneer, melamine, polyester, HPL\*, PVC\*, ABS\*, PP\*, \*suitability depends on the special characteristics of the edge banding material and pre-treatment thereof,

Contents: 11.7 kg (45 cartridges with 260 g each)

### Packing: 45 pieces

Colour	Cat. No.
Transparent	003.09.680

# Henkel Technomelt Dorus HKP 25 EVA hot-melt adhesive, cartridges



For edge gluing with HOLZ-HER cartridge edgebanders with feed rate from 10 m/minute

For edge banding material: Solid wood, veneer, melamine, polyester, HPL\*, PVC\*, ABS\*, PP\*,

\*suitability depends on the special characteristics of the edge banding material and pre-treatment thereof, softening point (ring and ball) approx. 108 °C, viscosity (Brookfield) 55,000 mPas at 200 °C, heat resistance approx. 90 °C, tested with 0.6 mm oak veneer in accordance with Dorus test method of increasing temperature

Contents: 15 kg (45 cartridges with approx. 330 g)

### Packing: 45 pieces

Colour	Cat. No.
Natural	003.09.660
White	003.09.848
Brown	003.09.857
Black	003.09.866

# Henkel Technomelt PUR 270/7G PU hot-melt adhesive, granules



Hot-melt adhesive (polyurethane), granules for edge gluing, straight edges and softforming, with feed rate from 15 m/min., edge banding material: Solid wood, veneer, melamine, polyester, HPL, PVC, ABS, PP Height initial strength, extremely high heat resistance (> 150 °C) and flexibility at low temperatures, excellent water resistance, produces tight joints Contents: 750 g

Packing: 1 or 16 pieces

Colour	Cat. No.
Natural	003.44.003
White	003.44.004

### **Henkel Technomelt PUR Cleaner 4**



Very good cleaning properties for uncured Purmelt adhesives and EVA adhesives, very good cleaning effect on not cross-linked Purmelt, excellent wetting characteristics, blue coloured for better identification, granules,

Contents: 8 kg bucket **Packing:** 1 piece

	Cat. No.
Purmelt Cleaner 4	003.44.100
Purmen Cleaner 4	003.44.10

### Henkel Technomelt PUR 270/7 PU hot-melt adhesive edges



For processing on automatic edge gluing machines, edge banding material: Veneer, melamine, polyester, HPL, PVC, ABS, PP, particularly suitable for application with nozzle

For edge banding with feed rate from 15 m/min., high initial strength, chemical cross-linking within few days, results in a non-melting, insoluble Duroplast, high final strength of the bonding, extremely high heat resistance (>150 °C) and flexibility at low temperatures, excellent water resistance, produces a tight joint, neat processing, viscosity (Brookfield): 150 °C ~40,000 mPas, recommended processing temperature in melting container/on application roller: 120 to 140 °C, polyurethane based edge banding hot-melt adhesive

Contents: Blockware 16 kg, box (8 x 2 kg)

Colour	Cat. No.
Natural	003.44.011
White	003.44.010



# Henkel Technomelt Dorus HKP 26 PUR PU hot-melt adhesive edges



For processing straight edges on HOLZ-HER edge gluing machines, for edge gluing with HOLZ-HER cartridge edgebanders with feed rate from 10 m/minute, edge banding material: Solid wood, veneer, melamine, polyester, HPL\*, PVC\*, ABS\*, PP\*, \*suitability depends on the special characteristics of the edge banding material and pre-treatment thereof

Reactive, polyurethane-based hot-melt adhesive, fast setting, height initial strength, chemical cross-linking within few days, results in a non-melting, insoluble Duroplast, extremely high heat resistance (>150 °C) and flexibility at low temperatures, excellent water resistance, produces a tight joint

Softening point (ring and ball): ~85 °C, Viscosity (Brookfield): 150 °C ~30.000 mPas, Recommended processing temperature: 150 °C, curing period to attain final strength: 2–5 days

Contents: 1.6 kg (6 cartridges with approx. 270 g each)

### **Henkel Technomelt PUR Cleaner 2**



Cleaning agent for all uncured polyurethane hot-melt adhesives (glue pots, PUR application aggregates), mixing with Technomelt Pur prevents curing thereof, blue coloured for better identification

Contents: 1.2 kg (6 cartridges with 200 g each, for HOLZ-HER systems)

Packing: 1 piece



	Cat. No.
Technomelt Pur Cleaner 2	003.44.121

### Häfele D2 White glue



For bonding,

for dowel and plug connections,

for cabinet and joint bonding,

for surface bonds of laminated panels and laminates,

for assembly bonding,

PVAc based white glue

Standard: In compliance with DIN EN 204 (D2),

open time approx. 10 minutes,

press time approx. 12 minutes at 20 °C up to

approx. 3 minutes at 70 °C

Packing: 1 piece

Contents kg	Cat. No.
30	003.09.360

### Häfele D3 White glue



For bonding, for assembly bonding, for cabinet and joint bonding, PVAc based white glue Standard: In compliance with DIN EN 204 (D3), excellent water resistant properties, open time approx. 8 minutes, press time from 25 minutes

Packing: 1 piece

Contents kg	Cat. No.
30	003.09.370

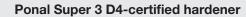
### **D4 White glue**



Single component D4 white glue, PVAc based Cosmo DS400.130 in compliance with DIN EN 204 (D4), open time approx. 12 minutes, press time approx. 22 minutes, one-sided application onto carrier material Processing temperature: from +8 °C

Contents kg	Cat. No.
12	003.09.381

### Ponal Super 3 White glue, plastic bin









For bonding in indoor and outdoor areas, for bonding indoors with high temperature fluctuations and humidity

For assembly, cabinet and surface bonding, suitable for high frequency bonding

Frost and dew stable

Open time min. 10-12 minutes, press time min. 15 minutes (at room temperature), processing temperature: +5 to +60 °C

Packing: 1 piece

Contents kg	Cat. No.
10	003.57.002
30	003.57.003

For mixing with Ponal Super 3, for achieving D4-certified quality

Standard: in compliance with DIN EN 204 (D4)

Pot life 8 hours, after 8 hours, the hardener turns into adhesive which still achieves D3-certified quality,

Mix hardener again for D4-certified quality Mixing ratio: 50 g per 1 kg Ponal Super 3 glue

Contents g	Cat. No.
250	003.57.040

### Ponal Super 3 White glue, bag



For bonding in indoor and outdoor areas, for bonding indoors with high temperature fluctuations and humidity, for assembly, cabinet and surface bonding,

Standard: In compliance with EN 204 (D3 and WATT 91),

suitable for high frequency bonding, open time min. 10–12 minutes, press time min. 15 minutes (at room temperature)

Processing temperature:

+5 to +60 °C,

Supplied with: 2 bags with 5 kg each

Packing: 2 pieces

Contents kg	Cat. No.
5	003.57.000

### Ponal Super 3 White glue, ProfiLeimer professional glue



For bonding in indoor and outdoor areas, for bonding indoors with high temperature fluctuations and humidity, for assembly, cabinet and surface bonding

Standard: in compliance with EN 204 (D3 and WATT 91), suitable for high frequency bonding,

open time min. 10–12 minutes, press time min. 15 minutes (at room temperature)

Processing temperature: +5 to +60 °C

Packing: 1 or 12 pieces

Contents g	Cat. No.
420	003.57.010

# Ponal Express White glue, plastic bin



For bonding,

for assembly bonding, joint bonding, coatings,

e.g. cabinet bonding. Joint bonding (solid wood glue and board joints), for veneer and plastic bondings (except PVC, ABS and rear side untreated or ground polyester edges) Standard: in compliance with DIN EN 204 (D2), synthetic-resin glue, open time max. 8 minutes, heat resistance approx. 70°C (short time exposure to 90 °C for veneering possible)

Colour: white

Packing: 1 piece

Contents kg	Cat. No.
10	003.57.090

### Filling station for Ponal Super 3 glue bag



For filling Ponal professional glue bottles or other glue bottle (from sausage pack 5 kg)

Packing: 1 piece

	Cat. No.
Filling station for glue bags	003.57.050

### Ponal Express White glue, ProfiLeimer professional glue



For bonding, for assembly bonding, joint bonding and coatings Standard: in compliance with DIN EN 204 (D2), synthetic-resin glue, fast acting glue

(starts to bond after 5 min. at room temperature), approx. 8 min. open time (at room temperature 20 °C) Processing temperature: From +7 °C Colour: white

Contents g	Cat. No.
550	003.57.092

### Ponal Lack White glue



For lacquered and plastic coated surfaces, for bonding HPL boards and PVC surfaces (furniture foil), for surfaces coated with nitro, acrylate, SH, alkyd resin and PU (DD) lacquer

Open time: approx. 8 minutes, high bonding strength, PVAc based synthetic-resin glue,

Colour: cream coloured/opaque

### **Ponal PU Glue**



For bondings in compliance with DIN EN 204 (D4), for heat and water resistant bonding of wood and wood materials or floorboards, for bonding porous and hydrous materials to each other or to metals and plastics

Open time: approx. 10 minutes, single component PU glue, Colour: transparent/opaque

# Ponal Construct L Speed PU Surface glue



For bondings in compliance with DIN EN 204 (D4), in particular for form and surface bonds, e.g. in stair construction (stair strings and string wreaths), assembly bonding, cabinet bonding, wood bonding, wood material and absorbent materials to each other or to a wide range of metals and plastics, final strength is reached after approx. 24 hours Open time: approx. 60 minutes, approx. 3–5 hours press time, single component PU glue Colour: transparent/opaque

 Contents kg
 Packing pieces
 Cat. No.

 1
 1 or 12
 003.57.102

 10
 1
 003.57.101

### Packing: 1 or 12 pieces

Contents g	Cat. No.
400	003.57.030

### Packing: 1 or 12 pieces

Contents g	Cat. No.
420	003.57.060

### White glue, tube



For assembly and cabinet bondings, PVAc based white glue

# Packing: 500 or 18,000 pieces

Contents g Cat. No. 003.00.230

### Ponal PN 15 White glue for wood



For high-strength bonding of wood and wood material grade D2

Contents g	Cat. No.
120	003.00.202

### Ponal White glue for surfaces



For bonding, for surface bonds for wood and wooden materials, for veneering, suitable for HPL boards

Standard: in compliance with DIN EN 204 (D2)

Synthetic-resin glue

Open time: approx. 15 minutes, Press time: approx. 20 minutes at 20 °C

up to approx. 4 minutes at 60  $^{\circ}\text{C}$ 

Colour: white

### Packing: 1 piece

Contents kg	Cat. No.
30	003.57.080

# Ponal Pressal Hydro UF Veneer glue



For veneering and compressing in hydraulic presses, for veneering in membrane presses, for low formaldehyde-emitting veneering in compliance with E1

- > Open time approx. 15 minutes
- Pressure should be between 0.2 and 0.5 N/mm²
- > Excellent water resistant properties
- > Low consumption
- > D3 water resistant
- > Single component formulation without hardener
- > No discolouration
- > Neutral, even with sensitive veneer
- Unproblematic, even with fine wood
- > Easy to mix
- > No risk of glue penetration
- > Glue mix processing time 12 hours

## ssal Hydro r glue Ponal FU 400 Urea resin glue



For veneering and compressing in hydraulic presses, for veneering in membrane presses, for low formaldehyde-emitting veneering in compliance with E1, for B1 chipboard with HPL Open time: at 20°C

Application amount: 100 g/m² approx. 6 min, Application amount: 200 g/m² approx. 15 min

Colour: opaque after drying

Pot life at room temperature: 20 °C approx. 16 hours

Packing: 1 piece

Contents kg	Cat. No.
10	003.57.071

Contents kg	Cat. No.
25	003.57.070



### Glue spreader



For even and smooth glue application on large surfaces,

for white glue Housing: aluminium

Sponge rubber roller: orange

with suspension stand where the roller can be placed

while in use

Packing: 1 piece

Width mm	Cat. No.
150	003.45.022

→ Replacement rollers for glue spreader



Packing: 1 piece

Version	Colour	Cat. No.
Sponge rubber roller (for white glue)	Orange	003.45.228
Foamed rubber roller (for Kaurite glue)	Grey	003.45.326
Universal roller (for adhesives, Kaurite glue and white glue)	Rust- brown	003.45.424
Plastic roller	White	003.45.220

→ Spare axle screws made of brass

Packing: 1 pair

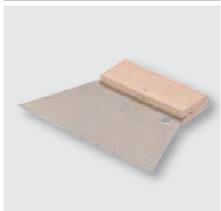
	Cat. No.
Spare axle screws made of brass	003.45.620

### Adhesive comb



Toothed, plastic

### Adhesive comb



For applying power glue
Blade: Steel with wooden handle

### Glue dispenser



Hand pump for glue, lacquer, paint and other viscous liquids, quick installation due to simple plug-in design, for 30 I container, with metal adapter for use with cordless screwdriver or power drill

Dim. (L x W x H) mm	Cat. No.
150 x 80 x 1	003.69.406

Packing: 1 or 6 pieces

Width mm	Cat. No.
180	003.56.921

Packing: 1 piece

	Cat. No.
Glue dispenser	003.32.630

### Glue bottle



Non-drip as soon as the pressure of the hand on the bottle is relaxed Colour: transparent

Packing: 1 pieces

Contents ml	Cat. No.
500	003.49.802

→ Replacement nozzle For glue application of approx.

9–12 mm

Packing: 10 piece

	Cat. No.
Replacement nozzle	003.49.809

### Lamello Minicol Glue dispenser



For gluing Lamello groove connections, glue emerges from 2 sides

Contents: 300 ml **Supplied with**:

1 plastic bottle with nozzle

1 nozzle cap

1 base

1 keep-moist package

Packing: 1 piece

	Cat. No.
Lamello glue dispenser	003.49.306
Replacement nozzle	003.49.351

### Cold glue container



For white glue, for staining or matting airtight lid acid and chemical products resistant, stackable

Packing: 1 piece

Contents ml	Cat. No.
700	003.64.027

### Economic glue dispenser



For 1.5 I adhesives, glues, solvents or thinners, with brush

Packing: 1 piece

 Contents I
 Cat. No.

 1.5
 003.65.300

→ Spare brush



Spare brush

Packing: 1 piece

 Cat. No.

 Spare brush
 003.65.310

### Cold glue brush



Light China bristles
Handle: wood, untreated

Ferrule: plastic

Size	Cat. No.
4	007.29.051
8	007.29.053



### **Express Glue bottle**



→ Replacement nozzle C, wide



Glue bottle with nozzle A and nozzle cap

For Express glue bottle, for glue application of approx. 13-25 mm

### Packing: 1 piece

Contents ml	Cat. No.
250	003.49.119
500	003.49.217

### Packing: 1 piece

9.539
)

### → Replacement nozzle set D



→ Replacement nozzle A, tapered

For Express glue bottle

Packing: 1 or 50 pieces

	Cat. No.
Replacement nozzle	003.49.511

For Express glue bottle,

for

Ø 8 mm,

**Ø** 10 mm or

Ø 12 mm plug holes

Packing: 1 set

	Cat. No.
Replacement nozzle set	003.49.548

### Glue applicator set



With 5 different nozzles

### Supplied with:

- 1 glue bottle (250ml)
- 1 glue spreader (60 mm)
- 1 biscuit glue nozzle
- 1 reducing nozzle
- 1 dowel nozzle
- 1 glue brush

### Packing: 1 set

	Cat. No.
Glue applicator set	003.45.030

### Measuring jug



Plastic

Version: acid and chemical products resistant, solvent resistant

Contents I	Cat. No.
2	007.60.850

### Edge planer

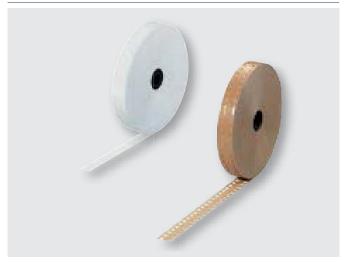


For sharp cutting and chamfering of plastic and veneer edges up to thickness of approx. 1 mm, can also be used for curves, stop continuously swivelling through 0 ° up to 45 °, forward and reverse use provided by double-bladed HSS knife

### Packing: 1 piece

	Cat. No.
Edge planer	004.54.010

### Adhesive veneer tape



Perforated or non-perforated

Length: 200 m Width: 20 mm

### Packing: 6 pieces

Colour	Version	Cat. No.
Brown	Perforated	004.01.100
White	Perforated	004.01.200
White	Non-perforated	004.01.365

### Release agent for veneer

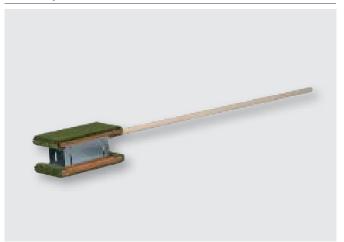


Cleaner for veneer presses

Packing: 1 piece

Contents kg	Cat. No.
5	004.10.025

### Veneer press cleaner



The cleaning the upper and lower plates in veneer presses on all sides

	Cat. No.
Veneer press cleaner	004.10.015



### Universal adhesive masking tape



For marking, packaging and masking, finely creped masking tape, can be removed without residue Length: 50 m

Colour: white

### Packing: 12 pieces

Width mm	Cat. No.
15	007.82.030
19	007.82.031
25	007.82.032

### Tesakrepp 4317 Adhesive masking tape



For lacquer work, finely creped masking tape, can be removed without residue, protection of surfaces when decorating and painting Width: 25 mm

Length: 50 m

### Packing: 12 pieces

Colour	Cat. No.
Beige	007.82.001

### Tesa NOPI 4349 Universal adhesive masking tape

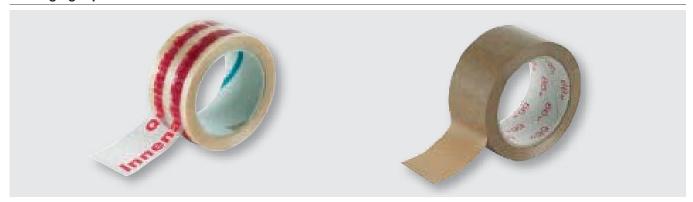


For marking, packaging and masking, finely creped masking tape, can be removed without residue

Colour: light beige Length: 50 m

Width mm	Packing pieces	Cat. No.
19	16	007.82.013
38	8	007.82.012
50	6	007.82.015

### Packaging tape



Smooth, tear-resistant foil, transparent, printed (imprint: "Quality delivered from your interior design specialist") or brown not printed

Length: 66 m, width: 50 mm

Colour	Packing pieces	Cat. No.	
PVC			
Brown, not printed	6 or 36	007.81.062	
Transparent, red font colour	6 or 36	007.81.061	
Polypropylene			
Brown, not printed	6	007.81.125	
Transparent, not printed	6	007.81.126	

### Dispenser



For packaging tapes with roll width up to 50 mm, with adjustable brake, with pressure roller and cut-off blade, without packaging tape

Packing: 1 piece

	Cat. No.
Dispenser	007.81.020

Tesa 4124 Adhesive tape



Height elasticity, can be removed without residue, suitable for mitre joint connections

Width: 50 mm Length: 66 m **Packing:** 6 pieces

Colour	Cat. No.
Transparent	007.81.132



### Tesa 4665 Cotton adhesive tape



For permanent bonding in indoor and outdoor areas, for invisible repairs, UV resistant, also suitable for bonding in curves and to rough surfaces, weather resistant for 1 year Width: 48 mm

Length: 25 m

### Packing: 1 piece

Colour	Cat. No.
Transparent	007.82.021

### Moisture barrier adhesive tape



Thread reinforced special adhesive tape for airtight bonding, bonding of vapour barriers / vapour seals, façade lining, vapour diffusion permeable sarking membrane, adhesive is moisture resistant Standard: In compliance with

DIN V 4108-7

Width: 50 mm, length: 25 m

Colour: green

Packing: 1 or 12 pieces

Colour Cat. No	
Green	003.59.051

### Lath tape



For sticking on, e.g. decorative strips, panels and doubling elements, double-sided adhesive tape for universal applications, very high initial adhesion and final strength

Length: 50 m Thickness: 0.2 mm

### Packing: 1 piece

Width mm Cat. No.	
6	003.58.257
9	003.58.260
15	003.58.266

### **Pattex Power-Tape** Cotton adhesive tape



Cloth reinforced universal tape for extremely heavy loads, UV stable, water and pressure resistant up to 4 bar, inscribable, can be torn by hand

Width: 50 mm Length: 25 m

Packing: 1 or 12 pieces

Colour	Cat. No.
Silver	003.58.011

### Tesa 4939 Double-sided floor laying tape



Double-sided adhesive tape, residue-free up to 14 days after application

Width: 50 mm Length: 25 m

### Packing: 1 or 6 pieces

Colour	Cat. No.
White	007.81.140

### Tesafix 64620 Adhesive tape



Double-sided adhesive tape, for permanent bonding Width: 50 mm

Length: 50 m

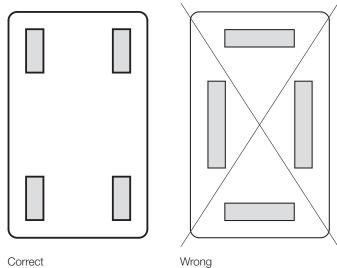
Colour	Cat. No.
Transparent	007.81.133

### Mirror tape



For mounting mirrors, for example, PVC window transoms and for mounting elements on tiles, smooth and rough surfaces, double-sided adhesive tape, dampens and compensates for vibrations, resistant to ageing, UV and softeners, final strength is reached after 24 hours Temperature range: -40 to +95 °C Length: 50 m

Always apply adhesive strips vertically



Width mm	Thickness mm	Packing pieces	Cat. No.
19	1.0	1 or 16	003.58.221
19	1.5	1	003.58.222
25	1.0	1	003.58.227
25	1.5	1	003.58.228

### Multi-purpose special cleaner



For PVC, aluminium, stainless steel and powder coated finishes, removes fresh PU foam without residue and without attacking the surface, removes dirt, stains and adhesive residues from protective foils, good compatibility with various surfaces, non-labelled as defined in the hazardous substances ordinance (GefStoffV)

Contents ml	Cat. No.
500	007.32.155

### HAFELE

### Tesa Spray 60042 Adhesive remover



Removes extremely stubborn adhesive residues without damaging the surface

Evaporates without residue

Free from silicone and colourised solvent

Colour: transparent

### Häfele Active foam cleaner



For versatile use, for streak-free cleaning of aluminium and stainless steel parts, plastic, glass, chrome, rubber, window frames and panes, mirrors, taps, tiles, ceramic, machinery housings, glass surfaces, polycarbonate panes, acrylic glass

### Häfele Stainless steel cleaning and maintenance spray



Removes limescale, grease and similar soiling, for universal indoor and outdoor use, suitable e.g. for balcony rails, handrails, claddings, furniture, kitchen appliances, sinks, tiled stoves, surfaces receive a adherent, water and dirt repellent protective coating, protects from oxidation and environmental deposits, no more fingerprints on surfaces, minimises electrostatic charging, lacquered surfaces are not attacked, free of environmentally harmful substances

### Packing: 1 piece

Contents ml	Cat. No.
200	003.56.968

### Packing: 1 piece

Contents ml	Cat. No.
500	003.52.800

### Packing: 1 piece

Contents ml	Cat. No.
400	003.52.810

### Häfele Universal wipes



Ideal for use on the building site, removes fresh paint, sealing agents, adhesives, bitumen, oil, grease and silicone rapidly and durably, particularly suitable for cleaning hands, tools and surfaces

Contents	Cat. No.
80 wipes	007.59.201

### Multi wipes



For removing paint, PU expanding foam, silicone, joint compounds, adhesive agents, oil, sealants, tar, grease and dirt from hands, tools and surfaces, fuzz-free, dual sided multi wipes, contain aloe vera, glycerine, lanolin and vitamin E to help to protect, nourish and moisturise the skin

### **Bio Multi wipes**



For removing paint, adhesive, silicone, grease, non-hardened PU expanding foam, epoxy resin, bitumen and the majority of oil-based soiling from hands, tools and surfaces fuzz-free, extremely absorbent multi wipes, 100 % biologically degradable and compostable when used with water-based products, antibacterial and kind to the skin, with dermatologically tested skin protection and care products, free of preservatives

### Packing: 1 piece

Contents	Packing pieces	Cat. No.
40 wipes	1	007.59.203
80 wipes	1 or 8	007.59.204

Contents	Cat. No.
80 wipes	007.59.230

### Wall mounted holder for dispenser



Suitable for dispenser with 80 wipes
Material: plastic

Material: plastic Finish: red lacquered

	Cat. No.
Wall mounted holder	007.59.231

### HAFELE

### Knot filler repair set



### Supplied with:

1x knot filler gun

2x filler sticks in knot colour

2x filler sticks in pine colour

2x filler sticks in oak colour

2x filler sticks in mahogany colour

Technical data:	
Filler	
Softening point	120-130 °C
Flexibility at low temperatures	Up to -50 °C
Extension at 23 °C	100–200%
Strength at 23 °C	5.5-7.0 MPa
Length/ Ø	15 cm/12 mm
Gun	
Operating voltage	220–240 V, 50 Hz
Operating temperature	190 ℃
Bonding performance	0.3–0.6 kg/hour

Packing: 1 piece

	Cat. No.
Knot filler repair set	007.38.190

### For wood repairs to floors, furniture, windows/doors etc. The knot filler is a PA based but melt filler. Allows quick a

The knot filler is a PA based hot melt filler. Allows quick and easy repairs to damages in the edge area, scratches, and knotholes. Repairs can be filled almost invisibly, or knotholes emphasised in colour. The material is elastic, moves together with the wood and is hard enough to be processed again immediately at the same time. Also very suitable for use outdoors because it is UV stable. Wood stain, oil, lacquer and varnish compatible.

### Hand planer



For plane removal of hot-melt filler residue with wood repairs, handle beech, blade steel

Packing: 1 piece

Width mm	Cat. No.
50	007.38.192

### Filler material sticks



PA based hot melt filler sticks

Technical data:	
Density	0.98 g/cm <sup>3</sup>
Softening point	120–130 °C
Flexibility at low temperatures	Up to -50 °C
Extension at 23 °C	100–200%
Strength at 23 °C	5.5-7.0 MPa
Open time	10-20 seconds
Length/ <b>Ø</b>	15 cm/12 mm

### Packing: 1 piece

Supplied with	Cat. No.
2 sticks each of: Knot colour, pine, oak, mahogany	007.38.193
2 sticks each of: Ash, beech, walnut, black	007.38.194
8 sticks, black	007.38.195
8 sticks, walnut	007.38.196

### Cooling iron



Ideal processing aid for pushing the liquid filler into the crack and cooling down the material in a controlled way Material: aluminium

Dimensions (L x W) cm	Cat. No.
180 x 80	007.38.191

### Häfele Hard wax repair kit



### Ideal for use on the building site

Contents: Hard wax sticks in 22 colours

- 1 battery-operated wax melter with 2 AA batteries,
- 1 hard wax scraper,
- 1 sealing wax stick and 1 clear lacquer, silk matt

### Supplied with:

- 1 stick each of following colours:
- > Abachi
- > Beech
- > Beech, medium
- > Light oak
- > Ash
- > Larch
- > Light cherrywood
- > Cherrywood
- > Mahogany, brown
- > Mahogany, medium
- > Mansonia

- > Light walnut
- > Light elm
- > Bird's eye maple
- > Black
- > Light grey, RAL 7035
- > Fawn brown
- > Deep blue
- > Light red
- > Lemon yellow
- > White
- > Transparent

Packing: 1 set

	Cat. No.
Hard wax repair kit	007.31.009

### Soft wax assortment



For repairing or restoring wooden surfaces Contents: 20 sticks

Available ranges:

### White to black



Upholstered furniture colour range



Light wood colours



Packing: 1 set

Colour	Cat. No.
White to black	007.30.060
Upholstered furniture colour range	007.30.070
Light wood colours	007.30.080



### Häfele Hard wax base colours



For touching up wood surfaces that are subjected to extreme stress,

different wood colours, light-fast and paintable Contents: 20 sticks

### Supplied with:

1 stick each of following colours

- > Maple
- > Birch
- > Beech
- > Beech, unfinished
- > Beech, dark
- > Oak, unfinished
- > Light oak
- > Oak, medium
- > Alder
- > Ash

- > Light cherrywood
- > Cherrywood, medium
- > Mahogany, brown
- > Mahogany, reddish
- > Light walnut
- > Walnut, medium
- > Dark walnut
- > Light grey
- > White
- > Black

### Häfele Hard wax trend colours



For touching up wood surfaces that are subjected to extreme stress,

different wood colours, light-fast and paintable Contents: 20 sticks

### Supplied with:

1 stick each of following colours

- > Ash
- > Oak medium
- > Limba, light
- > Light beech
- > Birch
- > Oak, unfinished
- > Antique oak, light
- > Ash, unfinished
- > Alder, brown
- > Antique spruce

- > Beech > Alder
- > Cherrywood
- > Cherrywood, medium
- > Cream white
- > Larch
- > Cherrywood, reddish
- > Oak, unfinished
- > Dark oak
- > Light oak

Packing: 1 set

	Cat. No.
Hard wax sticks, base colours	007.31.001

### Packing: 1 set

	Cat. No.
Hard wax sticks, trend colours	007.31.002

### Häfele Battery-operated wax melter for hard wax



For processing hard wax

### Supplied with:

1 wax melter

2 AA batteries

1 set of operating instructions

	Cat. No.
Battery-operated wax melter	007.31.090

### Häfele Touch-up pen



For repairing or restoring wooden surfaces, different wood colours

Contents: 12 pens

### Supplied with:

- 1 touch-up pen each of
- Maple/birch/ash
- > Beech, unfinished
- > Rustic oak
- > Light cherrywood
- > Cherrywood unfinished/alder > Teak

Packing: 1 set

Touch-up pen

- > Mahogany, reddish
- > Light walnut
- > Dark walnut
- > Light elm

Cat. No. 007.33.012

### Häfele Flex-Pen Touch-up pen



For repairing or restoring wooden surfaces, extremely fine tipped, different wood colours Contents: 12 pens

### Supplied with:

- 1 touch-up pen each of
- > Maple/birch/ash
- > Beech, unfinished
- > Rustic oak

Packing: 1 set

- > Light cherrywood
- > Cherrywood unfinished/alder > Teak
- > Mahogany, reddish
- > Light walnut
- > Dark walnut
- > Light elm

	Cat. No.
Flex Pen touch-up pen	007.33.025

### Häfele Lacquer touch-up pen for aluminium profiles



For coating the cut surfaces of silver-coloured handle profiles, colour-coordinated for silver coloured aluminium profiles

Packing: 1 piece

Colour	Cat. No.
Aluminium coloured	007.33.062

### Häfele Lacquer touch-up pen for kitchens and bathrooms



Especially suitable for touching up in kitchens and bathrooms, rounded tip, particularly suitable for opaque application

Colour	Cat. No.
White	007.33.100
Silver coloured	007.33.101

### HAFELE

### Wood putty (wood kit)



For touching up components made from wood in indoor areas

For modelling and round nose routing in model making

For sealing boats, barrels and pipes

Bonds to wood, glass, metal, leather and is impact resistant, water resistant, temperature and acid resistant

Odourless when cured, can be cut, sanded, stained and lacquered

Contents: 200 g

### Packing: 1 piece

	Cat. No.
Maple	007.38.011
Birch	007.38.021
Beech, unfinished	007.38.151
Beech steamed	007.38.161
Light oak	007.38.051
Oak medium	007.38.061
Dark oak	007.38.071
Alder, unfinished	007.38.181
Ash, unfinished	007.38.171
Spruce	007.38.111
Pine	007.38.131
Cherrywood	007.38.081
Meranti	007.38.091
Colourless	007.38.101

### Häfele Repair lacquer



Clear lacquer, silk matt, sprayable without leaving stains

Packing: 1 piece

Contents ml	Cat. No.
300	007.36.023

### Ponal Duo Two component PU multi filler



For the repair of construction elements made of wood and wooden materials for indoor and outdoor use with surface protection, open time approx. 15 minutes, can be sanded after 4 hrs., can be coloured with coloured paste Standard: Stress group D4 in accordance with DIN EN 204, and gap bridging in accordance with DIN EN 205

Colour: light, similar to spruce **Packing:** 1 or 6 pieces

Contents g	Cat. No.
320	003.56.900

### **Special solution**



Made from wood dust, for making wood putty **Packing:** 1 piece

**Contents I**Cat. No.
1 007.38.858

### Thinner



For wood putty or as normal thinner

Contents I	Cat. No.
1	007.38.821

### Brushes for oils + lacquers

→ Oil brush



Size 9, optimally adapted to the application,

handle: Raw wood, unfinished, with brass ferrule, bristles: Poly mix (combination of China bristles and

synthetic fibre bristles), light

Packing: 1 or 6 pieces

Width mm	Cat. No.
30	007.29.220
40	007.29.221
50	007.29.222
60	007.29.223

→ Oil brush



Size 9, "The green one" with brass ferrule, selected light China bristles

Packing: 1 or 6 pieces

Width mm	Cat. No.
30	007.29.210
40	007.29.211
50	007.29.212
60	007.29.213

### **Brushes for varnishes**

→ Varnish brush



Size 10,

handle: Raw wood, unfinished, with brass ferrule, bristles: Poly mix (combination of China bristles and

synthetic fibre bristles), dark

Packing: 1 or 6 pieces

Width mm	Cat. No.
30	007.29.240
40	007.29.241
50	007.29.242
60	007.29.243

→ Varnish brush for larger surfaces



Handle: Raw wood, unfinished, with brass ferrule, bristles: Poly mix (combination of China bristles and synthetic fibre bristles), dark

Packing: 1 or 6 pieces

Dim. (W x H) mm	Cat. No.
100 x 30	007.29.411



HAND TOOLS

### CONTENTS

### HAND TOOLS

Tool boxes, contents not included



Tool boxes, contents included



Clamps, door and window installation aids



**Screwdrivers** 



Hex keys



**Combination spanner** 



Knives, prickers, saws



Planers, chisels and accessories



Pliers, hammers



MT 2018, HDE, 10/17; Dimensional data not binding. We reserve the right to after specifications without notice.



### systainer® T-Loc Tool box



Practical transport and storage box, long life time due to solid construction and high-quality materials, with T-Loc rotary lock Material: plastic light grey

Packing: 1 piece

Dim. (W x D x H) mm	Cat. No.
400 x 300 x 105	008.06.550
400 x 300 x 158	008.06.551
400 x 300 x 210	008.06.552
400 x 300 x 315	008.06.553

### systainer® T-Loc Fitting case with 12 removable compartments



With 12 individually removable compartments, with T-Loc rotary lock Material: plastic light grey

### Packing: 1 piece

Dim. (W x D x H) mm	Cat. No.
400 x 300 x 105	008.05.400

### systainer® T-Loc II Current distributor



Stackable and connectable, also with systainer® Tool-Box 1, systainer® T-Loc and systainer® Classic line, IP44 dust proof and splash proof with 5 integrated 230 V sockets (4 x outside, 1 x inside) and extending 10 m cable with building site suitability (H07RN 3 x 1.5 mm²), 2x recess for cable guide, with control light, thermo switch for indoor use

Weight: 3.95 kg

Dim. (W x D x H) mm	Cat. No.
396 x 296 x 157.5	008.06.559

### Drawer systainer® tool box

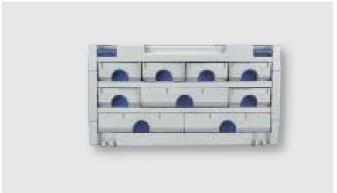
For storing and transporting small items and consumables, all drawer systainer® can be interlinked

Material: plastic light grey, with blue fasteners

### → With 4 drawers



### → With 9 drawers



### Technical data:

Number of drawers	Dim. (W x D x H) mm
1 piece	350 x 250 x 85
1 piece	172 x 250 x 34
2 pieces	83 x 250 x 34

### **Technical data:**

Number of drawers	Dim. (W x D x H) mm
3 pieces	172 x 250 x 34
6 pieces	83 x 250 x 34

Packing: 1 piece

Dim. (W x D x H) mm	Cat. No.
400 x 300 x 210	008.06.541

Packing: 1 piece

Dim. (W x D x H) mm	Cat. No.
400 x 300 x 210	008.06.543

### systainer® SYS-Sort T-Loc Tool box



Can be connected with: systainer® T-Loc, systainer® Classic Line, Toolbox, locking mechanism prevents unintentional opening

of drawer,

interior division can be individually configured because each drawer is equipped with ribs which can be used to hold partitions

Material: plastic Colour: light grey

ı	Dim. (W x D x H) mm	Cat. No.
	396 x 296 x 315	008.06.580



### systainer® Tool Box 2



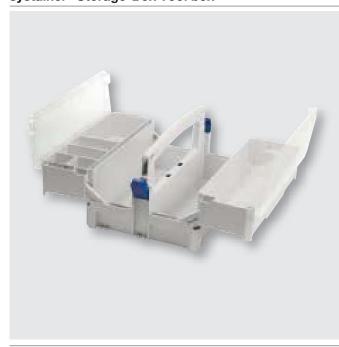
Stackable and connectable, also with systainer® Tool-Box 1, systainer® T-Loc and systainer® Classic Line, 2 spacious, open compartments with deep centre bar for quickly stowing away tools, work material and accessories

Material: plastic Colour: light grey Weight: 2.0 kg

Packing: 1 piece

Dim. (W x D x H) mm	Cat. No.
396 x 296 x 250	008.06.870

### systainer® Storage-Box Tool box



Stackable and connectable with the entire systainer® range (except MINI-systainer® T-Loc I), flexible configuration and clear organisation of small items, maximum inner storage space utilisation provided by fold-out upper compartments, with removable insert boxes (2x small, 2x medium, 1x large)

Material: plastic Colour: light grey Weight: 2.5 kg

Dim. (W x D x H) mm	Cat. No.
396 x 296 x 160	008.06.871

### Roll board for systainer® T-Loc



Allows ergonomic movement of large weights, connectable to any systainer®, with four swivel castors Material: plastic light grey

Packing: 1 piece

Dim. (W x D x H) mm	Cat. No.
519 x 365 x 157	008.06.523

### Lifting strap for systainer® T-Loc



Facilitates carrying several systainers®, even when the hands must remain free Material: fabric, blue

Packing: 1 piece

	Cat. No.
Lifting strap for systainer®	008.06.521

### systainer® SYS-Auszug Drawer



Extending shelf, suitable for all systainer®, except MINI-, MIDI- and MAXI-systainer®, telescopic extension suitable for 32 mm series drilled holes for flexible positioning of the systainer® in your individual furnishings and equipment systems, high-quality full extension allows complete opening of the systainer® lid, central operating unit in anthracite for locking/unlocking, quick and easy self-installation

Load bearing capacity: 20 kg

Material: plastic, Colour: light grey,

Packing: 1 or 5 piece

Dim. (W x D x H) mm	Cat. No.
425 x 375 x 60	008.06.560

### systainer® SYS-Roll Transportation aid



Easy transport of systainer® T-Loc and Classic Line I - V, drawer systainer®, roll board and sack barrow function, easy stair movement due to extra large wheels, rotating front rollers with brake, integrated drawer for storage of small items,

including variably adjustable safety belt

Weight: 6.5 kg

Load bearing capacity: 100 kg

Order reference:

Delivery without depicted systainer®

Dim. (W x D x H) mm	Cat. No.
600 x 440 x 1100	008.06.570



### Fitting case with 14 compartments



With 14 compartments

Material: plastic anthracite and transparent

### Fitting case with 8 removable boxes



With 8 individually removable plastic boxes, one box can be subdivided twice, extra deep version, box stabilizers in the lid
Material: plastic anthracite transparent and yellow

### Packing: 1 piece

Dim. (W x D x H) mm	Cat. No.
340 x 260 x 60	008.05.700

### Packing: 1 piece

Dim. (W x D x H) mm	Cat. No.
423 x 334 x 98	008.05.710

### Tool case with castors



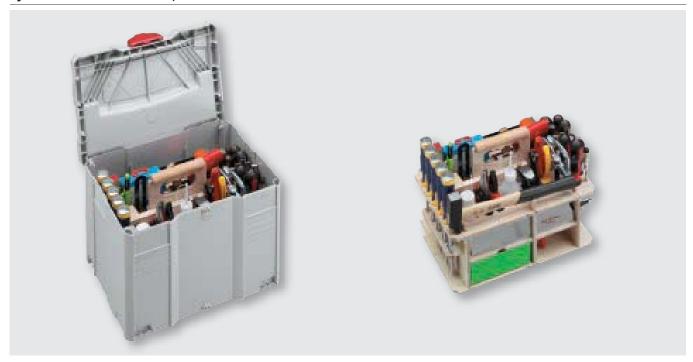
Lockable, telescopic handle, attachment facility for a saw or spirit level in the lid, portable insert for smaller tools Material: plastic, black

Contents: 90 I

Dim. (W x D x H) mm	Cat. No.
768 x 476 x 490	008.05.010

MT 2018, HDE, 10/17; Dimensional data not binding. We reserve the right to alter specifications without notice.

### systainer® T-Loc Tool box, contents included



Practical transport and storage box, long life time due to solid construction and high-quality materials, with locking T-Loc, equipped with removable insert for hand tools made of wood material, insert contains all tools required for the building site, as well as space for individual completion Material: plastic light grey

Packing: 1 piece

Dim. (W x D x H) mm	Cat. No.
400 x 300 x 315	008.06.535

### → systainer® T-Loc Individual components

		Packing pieces	Cat. No.		Packing pieces	Cat. No.
systainer® T-Loc tool box 400 x		1	008.06.553	Combination square 250 mm	1	002.82.220
300 x 315 mm				Precision sliding bevel 250 mm	 1	002.82.330
Insert for hand tools	TT TON	1	008.06.700	Precision mitre square 300 mm	1	002.82.350
				Square pricker with wooden handle	1	001.29.750
Spirit level, aluminium silver coloured, 300 mm	( drive	1	002.84.030	Centre punch 120 x 10 x 4 mm	1	008.41.403
000 111111			Pin punch	1	008.41.029	
Pocket rule, natural, 2 m		1	002.80.204	120 x 10 x 2 mm		



		Packing	Cat. No.			Packing	Cat. No.
		pieces				pieces	
Deep hole marker with solid refill		1	002.87.041	Sanding block 70 x 120 mm		1	005.51.900
Parallel scriber, blue	Ar	1	002.81.846	Chisel with striking cap 6 mm Chisel with		1	000.30.005
Marking gauge	10 -	1	002.85.010	striking cap 10 mm		I	000.30.000
220 mm  Current tester		1	006.31.256	Chisel with striking cap		1	000.30.007
65 x 3 mm	- married St. State		0001011200	16 mm Chisel with striking cap		1	000.30.008
Screwdriver set, 6 pieces	PHA	1	006.28.400	20 mm Chisel with striking cap		1	000.30.009
Hex key set SW, 7-piece set		1	006.28.410	25 mm Flat chisel 200 mm		1	008.40.442
Building site key		1	916.99.013	Joiner's hammer 450 g	1000	1	006.00.064
				Side cutting pliers 160 mm		1	006.13.420
Twist drill bit, HS, 19 pieces in case		1	001.41.530	Combination pliers 160 mm Long nose pliers		1	006.11.185
HS hole centre drilling bit		1	001.42.032	with cutting edge straight 200 mm			
2.7 mm Countersunk bit,		1	001.26.134	Waterpump pliers 250 mm		1	006.11.530
hand held, with handle	- W			Pincers 210 mm		1	006.10.200
Hacksaw 250 mm	N	1	000.58.622	Bessey multi-purpose scissors 190 mm		1	006.17.001
Japanese pull saw with		1	000.57.000	Universal knife with snap-off blade		1	000.33.435
rattan handle 265 mm Engineer's file		1	005.85.572	All-steel screw- clamp 120 mm	1	2	003.71.013
200 x 20 mm RALI® 220		1	004.39.001	Express glue bottle		1	003.49.119
universal hand planer, with 4 blades				Multifunction oil 100 ml		1	007.34.600

### Mobilo-Box 63 "Classic" Tool box



The Mobilo-Box 63 "Classic" is the ideal companion for the craftsman,

equipped with a fastening strip, the Mobilo-Box 63 "Classic" easily hangs on the wall or is easily transported by integrated castors and a handle.

The Mobilo-Box "Classic" consists of heavy-duty multiplex panels made from lacquered beech wood and represents a very stable tool case. This is additionally supported by powder coated steel fittings.



Dim. (W x D x H): 630 x 268 x 350 mm Weight: (Empty) 11.5 kg

Practice-oriented, high-quality set of tools, 36 pieces consists of measuring tools, saws, screwdrivers, pliers, drill bits, chisels etc.

Packing: 1 piece

١		Cat. No.
	Mobilo-Box without content	008.00.600
	Set of tools	008.00.610

### → Mobilo-Box 63 "Classic" Individual components

		Packing pieces	Cat. No.
Spirit level 600 mm, red aluminium	A. Constitution of the Con	1	002.84.074
Combination square 250 mm	~	1	002.82.220
Precision sliding bevel 250 mm		1	002.82.330
Precision mitre square 300 mm		1	002.82.350
Square pricker with wooden handle		1	001.29.750
Automatic centre punch		1	008.41.400

		Packing pieces	Cat. No.
Pin punch 120 x 10 x 2 mm		1	008.41.029
Parallel scriber, blue	Ar	1	002.81.846
Current tester 65 x 3 mm	A STATE OF THE STA	1	006.31.256
Standard screwdriver, version A, size 2, blade 2.5 mm, 75 mm		1	006.28.350
Standard screwdriver, version A, size 7, blade 4 mm, 100 mm		1	006.28.351

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		Packing pieces	Cat. No.			Packing pieces	Cat. No.
Standard screwdriver, version A, size 16, blade 6 mm,		1	006.28.353	Chisel with wooden handle 6 mm		1	000.30.026
150 mm Screwdriver PZ1		1	006.28.381	Chisel with wooden handle 10 mm		1	000.30.044
Screwdriver PZ2		1	006.28.382	Chisel with wooden handle 12 mm		1	000.30.053
Twist drill bit,		1	001.41.530	Chisel with wooden handle 16 mm		1	000.30.071
HS, 19 pieces in case				Chisel with wooden handle 20 mm		1	000.30.099
Countersunk bit, hand held 16 mm		1	001.26.152	Chisel with wooden handle 30 mm		1	000.30.142
			000 50 000	Flat chisel 200 mm		1	008.40.442
Fine-toothed saw, cranked		1	000.56.888	Joiner's hammer 450 g		1	006.00.064
Engineer's file		1	005.85.572	Combination pliers 160 mm		1	006.11.185
200 x 20 mm				Waterpump pliers 250 mm		1	006.11.530
RALI® 220 universal hand		1	004.39.001	Pincers 210 mm		1	006.10.200
planer, with 4 blades	No.			All-steel screw- clamp 160 mm	L'I	2	003.71.022
Double cornice plane	4 1	1	000.11.100	Express glue bottle		1	003.49.119
Sanding block 70 x 120 mm		1	005.51.900	Filling knife width 40 mm		1	007.73.240

### Bessey TG/TGK Screw-clamp



Tensioning arms: Malleable cast, wooden handle, with ergonomic handle

Model TG: with protective cap on the clamping surfaces,

clamping force up to 6,000 N

Model TGK: without protective cap on the clamping

surfaces, clamping force up to 7,000 N

Packing: 1 piece

Opening	Throat depth	Model	Cat. No.
mm	mm		
100	50	TG10	003.69.801
160	80	TG16	003.69.803
200	100	TG20	003.69.804
250	120	TG25	003.69.805
300	140	TG30	003.69.806
400	175	TG40	003.69.807
500	120	TGK50	003.69.808
600	120	TGK60	003.69.809
800	120	TGK80	003.69.810
1,000	120	TGK100	003.69.811
1250	120	TGK125	003.69.812
1500	120	TGK150	003.69.813
2000	120	TGK200	003.69.815

### Bessey GZ All-steel screw-clamp



With ergonomic handle, clamping force up to 6,000 N Material: tensioning arms all-steel, tempered, wooden handle

Packing: 1 piece

Opening	Throat depth	Cat. No.
mm	mm	
120	60	003.71.013
160	80	003.71.022
200	100	003.71.031
250	120	003.71.040
300	140	003.71.059
400	120	003.71.068
600	120	003.71.077

### **Bessey KT Edge clamp**



For tightening strips and edge bands, for clamping onto profile rails of screw-clamps, suitable for use with commercial screw-clamps with max. rail thickness of 13 mm Material:

Body: steel
Handle: wood

	Cat. No.
Edge clamp	003.71.719



### Bessey Kli Klamp Lever clamp



Gentle tightening due to swivelling pressure plate, lightweight and stable, clamping force up to 1,200 N Material: fixed and sliding jaw made of magnesium, ratchet made of glass fibre reinforced plastic Throat depth: 80 mm

### Packing: 1 or 6 pieces

Opening mm	Weight kg	Cat. No.
160	Approx. 0.29	003.71.102
200	Approx. 0.32	003.71.103
250	Approx. 0.355	003.71.104

### Bessey EZ One-handed clamp



For clamping and spreading,

handy two component handle for quick and precise clamping pressure, quick tightening provided by pistol grip and instant release on pressure, clamping jaws with protective caps, clamping force approx. 700 N Clamping rail: steel, hardened

Protective caps: plastic **Packing:** 1 piece

Opening mm	Throat depth mm	Spreading width mm	Cat. No.
150	60	130–315	003.72.804

### Bessey EZS One-handed clamp





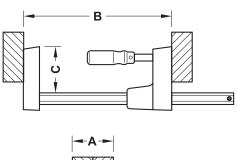
Universal quick action clamp for clamping and spreading, handy two component handle for quick and precise clamping pressure, for clamping the clamping jaw in any position on the rail, clamping jaws with protective caps, fast switching between clamping and spreading clamp, quick release by briefly pressing release lever, clamping force approx. 2,000 N

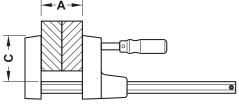
Clamping rail: steel, hardened Protective caps: plastic

Opening mm	Throat depth mm	Spreading width mm	Cat. No.
150	80	170–360	003.72.800
300	80	170–510	003.72.801
450	80	170–660	003.72.802
600	80	170–810	003.72.803

### Bessey Uni Klamp Universal clamp







For clamping and spreading of sensitive surfaces, round and sharp workpieces with large clamping surfaces, also tightens on the side and behind the rail, clamping force up to 1,500  $\rm N$ 

### Technical data:

Opening A mm	Spreading width B mm	Throat depth C mm	Rail mm	Weight kg approx.
160	172-270	80	20 x 5	0.6
600	172-720	80	20 x 5	0.93

Opening mm	Packing pieces	Cat. No.
160	1	003.72.721
600	1 or 6	003.72.723

### Cam clamp



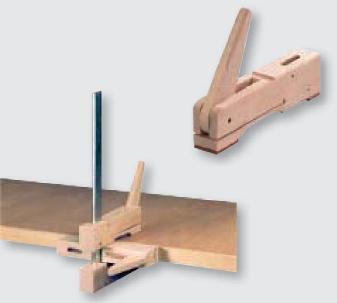
Material: tensioning arms made of hornbeam, steel rails,

clamping surface cork coated Throat depth: 110 mm

Packing: 1 piece

Opening	Cat. No.
mm	
200	003.73.026
400	003.73.044
600	003.73.062

→ Combination replacement part for cam clamp



For additional tightening of edges and edge bands or as replacement tensioning arm Material: hornbeam

	Cat. No.
Combination replacement part	003.73.106



### Bessey Revo KR Body clamp



Very large parallel clamping surfaces with 3 removable protective caps to protect delicate surfaces, can be converted to spreading function without tools, high quality 2-component plastic handle with hexagon socket for comfortably reaching the clamping force (max. torque 17 Nm)

Metal reinforced plastic housing and optimised sliding arm with double slide protection for more power and reliability. The clamping force is maintained and any unintentional slipping of the sliding arm is prevented when in the unclamped position.

Clamping force: ≤8000 N, Throat depth: 95 mm

Packing: 1 or 2 pieces

Opening mm	Spreading width mm	Cat. No.
600	730	003.72.205
800	930	003.72.206
1,000	1130	003.72.207
1250	1355	003.72.208

### Bessey PS 130 Seaming tool



For tightening and positioning large-scale, also heavy components with a smooth surface, such as artificial stone, ceramic, granite, Corian®, plastic, sheet metal and glass

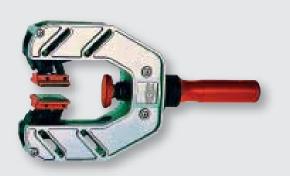
Vacuum pumps with control function, clamping force up to 1,200 N, with release button for quick removal, robust design

Vacuum cup **Ø**: 210 mm Length: 770 mm



	Cat. No.
PS130 seaming tool	006.69.000

### Bessey One-handed edge clamp



With micro-coated surface (does not rub off), with removable plastic caps, with ergonomic handle, with double spindle (outer spindle moves jaws, inner spindle generates pressure on the edge) Material:

Housing: aluminium

Pressure plates: yellow chromatised Handle: impact-resistant plastic

Weight: 0.82 kg

### **Application examples**





Packing: 1 or 6 pieces

Opening mm	Throat depth mm	Cat. No.
10–55	0-45	003.73.830

### **Bessey Clippix Spring clamp**



Versatile, can be used as a cam clamp, for example with non-slip grip pads, with softpads for sensitive workpieces

### Packing: 1 or 10 pieces

Opening mm	Throat depth mm	Cat. No.
50	50	003.75.120
75	70	003.75.130

### Bessey AV2 Spacer



For floating installation of laminate and prefinished parquet floors without wedges, continuously adjustable for wall distance 5–20 mm, with practical turn knob, wide clamping and support surface, with millimetre scale, robust, light and compact Material: plastic

	Cat. No.
Spacer	003.71.661



### Mitre spring clamp set



For tightening strips and edge bands, for clamping on profile rails of screw-clamps

### Supplied with:

1 spreader pliers 8 steel clamps each for strip widths: 10–15 mm, 15–25 mm, 20–30 mm, 25–45 mm, 40–70 mm, 65–90 mm

Packing: 1 set

	Cat. No.
Mitre spring clamp set	003.74.256

### Mitre spring clamp



Material: round steel

Packing: 10 pieces

Area of application	Cat. No.
For strip widths up to 15 mm	003.74.318
For strip widths up to 25 mm	003.74.327

### Bessey STC-HH50 Quick-action clamp, variable



Characteristics: Horizontal toggle clamp with open arm, area of application: Clamp more flexibly and up to 5x faster, sensitive workpieces with a veneered or lacquered surface, for example, can be clamped without damage, adapts to workpieces with different thicknesses with approximately equal clamping force, without manually adjusting the pressure screw Version: extremely wide tightening range thanks to patented mechanism, clamping force regulation via adjusting screw in joint

Automatic adjustment: 35 mm Clamping force: 2,500 N Opening: 40 mm



Model	Cat. No.
STC-HH50	003.71.240













Interchangeable clamping elements with increased clamping surfaces and removable straightening clamps to fix the door frame securely and easily, strut with millimetre scale and clamping screw, clamping surfaces with felt protection

Material:

Rail: aluminium anodized

Jaws: plastic

For fast and accurate alignment and fixing of the door frames with ergonomic handles, burr-free riveted with spindle, with large protective caps for gentle support to the wall For aligning door frames
With ergonomic handles,
burr-free riveted with spindle,
with large protective caps for gentle
support to the wall, rotary handle
with trapezoidal threaded spindle
for aligning, movable lever with
return spring

Adjusting distance: 32 mm Opening: 8-30 mm

Material:

Body: glass fibre reinforced polyamide Counterpart: steel, galvanized,

wooden handle

Packing: 2 pieces

Opening mm	Cat. No.
565 – 1010	003.74.680

Packing: 2 pieces

	Cat. No.
Door frame	003.74.658
straightening clamp	

	Cat. No.
WTR door frame	003.74.650
straightening clamp	
straigntening clamp	



### Inflatable mounting bag



For avoiding scratches, for easy and precise fitting, no wedge consumption, completely empty gaps, time savings Load bearing capacity: 100 kg/piece

Width: gap 2-50 mm

Material: fibre reinforced plastic



Supplied with:
4 inflatable mounting bag with belt hook

Packing: 1 set

	Cat. No.
Inflatable mounting bag	003.74.790

### Universal pinch bar



With robust wooden handle, striking ring

Length	Cat. No.
Blade approx. 135 mm	000.30.900

### Stainless steel screwdriver, PZ cross slot



Hexagonal shaped handle prevents screwdriver from rolling away from the work area, precise blade fit facilitates maximum torque transmission of the burnished tips, ergonomically shaped, impact-resistant handle, with hexagonal blade and shoulder, robust and durable

Material:

Blade: high-alloyed chromemolybdenum-vanadium steel

Handle: plastic

### Packing: 1 piece

ı	Drive	Length	Cat. No.
ı		mm	
	PZ 1	175	006.28.301
	PZ 2	205	006.28.302
	PZ 3	270	006.28.303

### Screwdriver, TS (T-star drive)



Hexagonal shaped handle prevents screwdriver from rolling away from the work area, precise blade fit facilitates maximum torque transmission of the burnished tips, ergonomically shaped, impact-resistant handle, robust and durable

Material:

Blade: high-alloyed chromemolybdenum-vanadium steel

Handle: plastic

### Packing: 1 piece

Drive	Length	Cat. No.
	mm	
TS 10	175	006.28.210
TS 15	175	006.28.211
TS 20	195	006.28.212
TS 25	195	006.28.213
TS 30	220	006.28.215

### Standard screwdriver, shape A



Hexagonal shaped handle prevents screwdriver from rolling away from the work area, precise blade fit facilitates maximum torque transmission of the burnished tips, ergonomically shaped, impact-resistant handle, robust and durable

Standard: Blade dimensions in compliance with DIN 5265

Material:

Blade: high-alloyed chromemolybdenum-vanadium steel

Handle: plastic

### Packing: 1 piece

Drive blade	Length mm	Cat. No.
2.5 mm	75	006.28.350
4.0 mm	100	006.28.351
5.5 mm	125	006.28.352
6.0 mm	150	006.28.353
10.0 mm	200	006.28.354

### Screwdriver set, 6 pieces



Material:

Blade: high-alloyed chrome-molybdenum-vanadium steel

Handle: plastic

Precise blade fit facilitates maximum torque transmission of the burnished tips, hexagonal shaped handle prevents screwdriver from rolling away from the work area, ergonomically shaped, impact-resistant handle, robust and durable

### Supplied with:

1 blade PZ1, length: 80 mm 1 blade PZ2, length: 100 mm 1 blade PZ3, length: 150 mm 1 blade 3.0 mm, length: 80 mm 1 blade 4.0 mm, length: 100 mm 1 blade 5.5 mm, length: 125 mm

Packing: 1 set

Contents	Cat. No.
6 pieces	006.28.400

### HAFELE

### Screwdriver with round blade, Soft Finish®, 6-piece set



With ergonomic handle, with roll-off protection, with hardened blade tip for high demands Material:

Blade: chrome-vanadiummolybdenum steel, fully hardened matt chrome plated Handle: plastic

### Supplied with:

1 blade PZ1, length: 80 mm 1 blade PZ2, length: 100 mm 1 blade 3.5 mm, length: 100 mm 1 blade 4.5 mm, length: 125 mm 1 blade 5.5 mm, length: 150 mm 1 blade 6.5 mm, length: 150 mm

Packing: 1 set

Contents	Cat. No.
6 pieces	006.30.447

### Electrician's screwdriver PH



Hexagonal shaped handle prevents screwdriver from rolling away from the work area, precise blade fit facilitates maximum torque transmission of the burnished tips, ergonomically shaped, impactresistant handle, robust and durable, Power readiness:

AC 1000 V DC 1500 V Standard: In compliance with IEC 60900: 2004, blade dimensions according to DIN 7438

Material:

Blade: High-alloyed chrome-molybdenum-vanadium steel

Handle: plastic

### Packing: 1 piece

Drive	Length	Cat. No.
	mm	
PH 2	205	006.28.101

### Electrician's screwdriver, flat blade



Hexagonal shaped handle prevents screwdriver from rolling away from the work area, precise blade fit facilitates maximum torque transmission of the burnished tips, ergonomically shaped, impactresistant handle, robust and durable, Power readiness:

AC 1000 V DC 1500 V Standard: In compliance with IEC 60900: 2004, blade dimensions

according to DIN 7437

Material:

Blade: high-alloyed chrome-molybdenum-vanadium steel

Handle: plastic **Packing:** 1 piece

Drive	Length mm	Cat. No.
Blade 0.4 x 2.5 mm	160	006.28.001
Blade 0.6 x 3.5 mm	185	006.28.002

### Reversible screwdriver, PH2 cross slot and flat blade



Material: Blade: CV-steel

Handle: cellulose acetate **Packing:** 1 or 12 pieces

Drive	Length	Cat. No.
Blade 6 mm/PH2		006.31.500

### Cap lifter



For lifting escutcheons or backplate caps for the disassembly of door handle sets

	Cat. No.
Cap lifter	006.36.991





Blade: Plastic coated wire mesh

Handle: Wiha SoftFinish® multi-component handle with

roll-off protection,

chuck with ratchet spring clip,

for screw fixing at an angle

Length mm	Cat. No.
268, blade: 150	006.28.371

### Hex key set SW, 7-piece set



1 each of SW 2 mm, 2.5 mm, 3 mm, 4 mm, 5 mm, 6 mm, 8 mm

### Ball end hex keys, 9-piece set



Specially designed for hard to reach screws ball head allows screw fixing at an angle

up to 25°, with common key sizes, with compact holder

Standard: in accordance with ISO 2936L

Material: chrome vanadium steel, fully hardened, matt chrome plated

Supplied with:

Key sizes: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10

### Packing: 1 piece

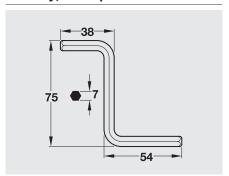
Contents	Cat. No.
7 pieces	006.28.410

### Packing: 1 set

Contents	Cat. No.
9 pieces	008.28.414

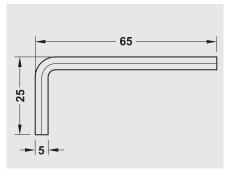
### HAFELE

### Hex key, Z-shape



Material: steel galvanized

### Hex key, L-shape



Material: steel

### **Combination spanner**



With Maxi profile for better grip, grips the sides, not at the corners Standard: in compliance with ISO 3318, DIN 3113

### Supplied with:

1 each of size 8, 10, 11, 13, 14, 15, 17 and 22

Packing: 1 set

 Contents
 Cat. No.

 8 pieces
 008.22.611

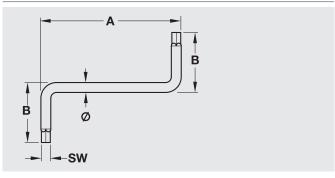
### Packing: 1 or 10 pieces

Key size mm	Cat. No.
7	261.05.975

### Packing: 1 or 500 pieces

Key size mm	Cat. No.
4	008.28.242

### Hex key, Z shape



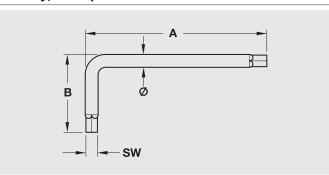
Material: steel galvanized

### Technical data:

Key size SW	Dim. A mm	Dim. B mm	Ø mm
3	46	19	3.5
4	48	20	4.4

# Key size mm Packing pieces Cat. No. 3 1000 or 3000 008.28.453 4 1600 008.28.454

### Hex key, L-shape



Material: steel, galvanized

### **Technical data:**

Key size SW	Dim. A mm	Dim. B mm	Ø mm
3	60	22	3.5
4	66	28	4.5
5	76	31	5.6
6	86	36	6.8
8	96	44	9.0

Key size mm	Packing pieces	Cat. No.
3	1 or 500	008.28.230
4	1 or 500	008.28.241
5	1 or 100	008.28.250
6	1 or 100	008.28.260

### Universal knife with snap-off blade



With sliding in and sliding out blade, with self-locking blade slider - automatically locks the blade in use, for snap-off blades 18 mm

Material: robust aluminium alloy

### Supplied with:

1 universal knife with 1 snap-off blade 18 mm

Packing: 1 piece

	Cat. No.
Universal knife	000.33.435

→ Snap-off blades

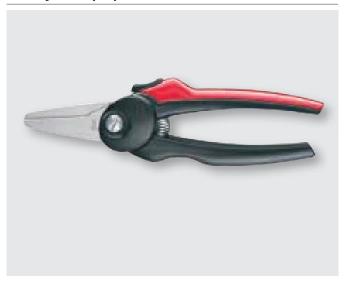


18 mm snap-off blade with 8 tips, for a secure, accurate and efficient cutting

Packing: 10 pieces

Length mm	Cat. No.
18	000.33.431

### **Bessey Multi-purpose scissors**



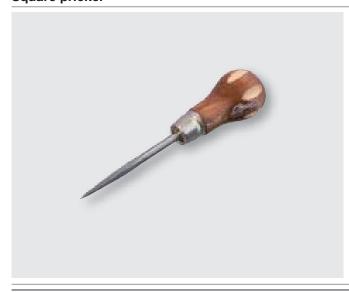
For a wide variety of materials

Length mm	Cat. No.
190	006.17.001





### Square pricker



With wooden handle and striking cap

Packing: 1 piece

Length mm	Cat. No.
180	001.29.750

### **Automatic centre punch**



Suitable for wood and metal, for centre punching without hammer with integrated spring, adjustable spring force

Packing: 1 piece

Length mm	Cat. No.
125	008.41.400



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# Japanese pull saw

With rattan handle,

high-quality Japanese steel

Packing: 1 piece

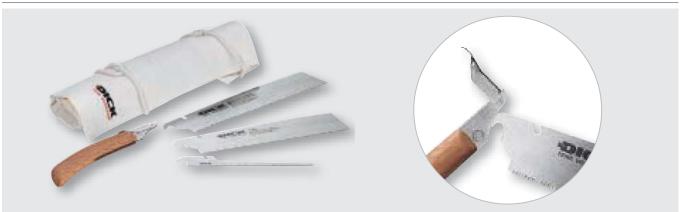
Saw blade length mmCat. No.265000.57.000

→ Replacement saw blade

Packing: 1 piece

Saw blade length mm	Cat. No.
265	000.57.001

### Japanese pull saw, alteration set with 3 saw blades



### Supplied with:

- 1 Akagashi handle
- 1 Akagashi universal saw blade 270 mm
- 1 Akagashi fine saw blade 250 mm
- 1 Akagashi jigsaw saw blade 150 mm
- 1 Roll-case made of jute

Lever for the clamping mechanism integrated in the handle provides easy and quick replacement of Akagashi saw blades

Packing: 1 set

	Cat. No.
Japanese pull saw, alteration set	000.57.050

### Japanese pull saw, 3-piece set



## The 3 most common Japanese saws in a practical jute roll-up case Supplied with:

- 1 Dozuki universal (for dovetail connection)
- 1 Ryoba Komane (for fine surfaces, crossways and long woodcuts)

- 1 Kataba Super Hard (for hard materials)
- 1 Roll-case made of jute

Packing: 1 set

	Cat. No.
Japanese pull saw set	000.57.040

→ Replacement saw blades

	Cat. No.
Dozuki universal saw blade	000.57.041
Ryoba Komane saw blade	000.57.042
Kataba Super Hard saw blade	000.57.043



### Hand saw, coarse



Quick sawing and long tool life due to hard point teeth, angles from 90° and 45° can be marked by positioning the handle, 7 teeth per 25 mm

Packing: 1 piece

Saw blade length mm	Cat. No.
450	000.56.410

### Fine-toothed saw



For fine cuts, with folding handle (for left and right handed persons) Cutting height: 40 mm Length: 375 mm

Packing: 1 piece

Saw blade length mm	Cat. No.
250	000.56.888

### **Hacksaw**



For wood and metal Material: with plastic handle, with PUK hacksaw blade Length: 250 mm

Packing: 1 piece

Saw blade length mmCat. No.150000.58.622

→ Replacement saw blade, universal

Supplied with: 12 pieces

Packing: 1 pack

Saw blade length mm	Cat. No.
150	000.58.640

### hacksaw



For sawing in hard-to-reach positions, length of saw blade adjustable in the material opening Material:

Frame: steel
Handle: plastic

Packing: 1 piece

Saw blade length mm	Cat. No.
300	000.58.720

### Metal hacksaw



With sturdy metal frame, tension adjustment with clamping lever on the handle, easy blade change without tools, with support handle at the front, with non-slip handle, 127 mm cutting depth

Material: durable injection moulded metal body Length: 430 mm

Packing: 1 piece

Saw blade length mm	Cat. No.
300	000.58.730

→ Replacement saw blades for metal hacksaw



Suitable for cutting any material, fully cured for processing hard steel

Material: HSS molybdenum

Supplied with: 5 pieces
Packing: 1 pack

Saw blade length mm	Cat. No.
300	000.58.731



### Double cornice plane



With strike button Material: hornbeam wood Width: blade: 30 mm

### Packing: 1 piece

Length mm	Cat. No.
270	000.11.100

### Rali® 220 Universal hand planer



With reversible blades, planing width 48 mm, easily adjustable chip removal

Material: Planer handle: plastic, orange, Sole: steel

### Supplied with:

1 planer

4 replacement blades **Packing:** 1 piece

Length mm	Cat. No.
220	004.39.001

→ Replacement reversible blade for Rali 220

Material	Packing pieces	Cat. No.
Hard metal	2	004.39.029
HSS	10	004.39.010

### Surform plane



For planing, grating, levelling and filing of wood materials Material: metal body, plastic handle with replacement blade

Blade length: 255 mm

### Packing: 1 piece

Length mm	Cat. No.
315	000.14.020

### Smooth short plane



With drive head,

Material: plane body made from American cherrywood,

vera lignum vitae sole Width: Blade: 48 mm

Length mm	Cat. No.
220	000.10.280

# MT 2018, HDE, 10/17; Dimensional data not binding. We reserve the right to alter specifications without notice.

### Chisel



With plastic cap protecting the blade

Material: Handle: beech wood, with striking ring Blade: Forged steel, Standard: DIN 5139

Packing: 1 piece

Width mm	Cat. No.
6	000.30.026
8	000.30.035
10	000.30.044
12	000.30.053
16	000.30.071
20	000.30.099
25	000.30.118
28	000.30.133
30	000.30.142
35	000.30.150

### Chisels, 6-piece set



With plastic cap protecting the blade

Material:

Handle: beech wood, with striking ring

Blade: forged steel Standard: DIN 5139

### Supplied with:

1 piece each of 6, 10, 12, 16, 20 and 25 mm

Packing: 1 set

Contents	Cat. No.
6 pieces	000.30.210

### Japanese chisels, 6-piece set



Suitable for hardwood, for driving with iron hammer, two ply blade, long tool life

Material: Handle: japanese red oak, Blade: steel

Technical data:		
Blade hardness	60 Rockwell	
Blade length	58 mm	
Total length	225 mm	
Blade thickness	5-6 mm	

### Supplied with:

Chisels 6/9/12/18/24/30 mm

Packing: 1 set

Contents	Cat. No.
6 pieces	000.30.600



### Sharpening stone 2 in 1



For sharpening and honing chisels Version: combination stone with grain sizes of 1000/6000

Dim. (W x D x H): 205 x 50 x 25 mm

### Note:

Use only with water!

### Joiner's mallet



Material:

Hammer head made of steamed beech

Handle: ash profiled

### Packing: 1 piece

	Cat. No.
Sharpening stone	005.21.000

Packing: 1 piece

Width mm	Cat. No.
140	000.35.120



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### **Pincers**



Low wear and rear and suitable for heavy-duty use, classic head shape, with precision blade for high cutting performance, for pulling and cutting nails and wires, suitable for binding wires

Standard: DIN ISO 9242

Material: high-quality tool steel, tempered

### Packing: 1 piece

Length mm	Cat. No.
220	006.10.200

### High-performance side cutting pliers, switchable



For cutting different materials such as cables, nails, screws, bolts, wire cable, spring wire or chains less force required, reduces the strain on the wrists, very convenient to use due to one handed operation, robust and durable, induction hardened cutters up to HRC 64

### Packing: 1 piece

Length mm	Cat. No.
200	006.13.430

### Waterpump pliers, with push button adjustment



For gripping and holding tubes, profiles and hexagonal nuts, with push button adjustment for fast setting and locking mechanism, with extra narrow head for working in hard to reach places, optimum adaptation to object to be gripped by finely adjustable, through-bolt joint, robust and durable

### Waterpump pliers



For gripping and holding tubes, profiles and hexagonal nuts, with through-bolt joint, with narrow head for working in hard to reach places, optimum adaptation to object to be gripped by finely adjustable, through-bolt joint, robust and durable

### **Technical data:**

Length mm	External tube Ø mm	Key size mm
180	1/8–1"	6 – 30
250	1/8-2"	6 – 50

Packing: 1 piece

Length mm	Cat. No.
180	006.11.520
250	006.11.510

### **Technical data:**

Length mm	External tube Ø mm	Key size mm
250	1/8-2"	6 – 50

Length mm	Cat. No.
250	006.11.530



### Side cutting pliers



For hard and soft wire, low wear and rear and suitable for heavy-duty use, head semi-circular, Swedish style, with specially milled precision cutters for clean cuts Standard: DIN ISO 5749

Material: high-quality tool steel, tempered

### Side cutting pliers, VDE approved



For cutting soft and hard wires and cables, low wear and tear and suitable for heavy-duty use, head semi-circular, Swedish style, with specially milled precision cutters for clean cuts

Standard: DIN ISO 5749, IEC 60900:2004 Material: high-quality tool steel, tempered

Packing: 1 piece

Length mm	Cat. No.
160	006.13.420

Packing: 1 piece

Length mm	Cat. No.
160	006.13.480

### **Combination pliers**



Universally usable for gripping, holding, cutting soft and hard wires or cables, with extra-long cutting edge for flat and round cables, partially serrated gripping surfaces, robust and durable,

Standard: DIN ISO 5746

Material: high-quality tool steel, tempered

### Long nose pliers with cutting edge (needle-nose pliers)



For gripping, holding, cutting soft and hard wires or cables, straight shape, with extra-long cutting edge for flat and round cables, partially serrated gripping surfaces, robust and durable,

Standard: DIN ISO 5745

Material: high-quality tool steel, tempered

Packing: 1 piece

Length mm	Cat. No.
160	006.11.185
180	006.11.186

Length mm	Cat. No.
200	006.12.030

### Joiner's hammer

### Club hammer



Standard: DIN 17200 Material: Head: quality steel quality C45, Handle: ash Packing: 1 piece

Weight g	Cat. No.
200	006.00.420



Standard: DIN 5109 Material: Handle: ash

Packing: 1 piece

Weight g	Cat. No.
320	006.00.055
450	006.00.064



Standard: DIN 6475 Material: Handle: ash

Packing: 1 piece

Weight g	Cat. No.
1250	006.00.911

### **Rubber mallet**

For the careful installation of fittings, leaves no paint abrasion Material:

Head: rubber natural white,

Handle: ash Technical data:

Packing: 1 piece

Length mm

320

340

360

Length mm	Head Ø mm	Weight g
320	55	340
340	65	550
360	75	820

Cat. No.

006.00.490

006.00.491

006.00.492

### Plastic mallet/soft faced hammer



For the careful installation of fittings

Material:

Head: cellulose-acetate, Handle: ash, polished

### Technical data:

Length mm	Head Ø mm	Weight g
250	22	140
270	27	215
280	32	325
290	35	400

Packing: 1 piece

Length mm	Cat. No.
250	006.00.460
270	006.00.461
280	006.00.462
290	006.00.463

### Universal demolition pry bar





For prying, splitting, bending and hitting Material: carbon steel forged

Weight: 2000 g

Length mm	Cat. No.
460	008.42.220