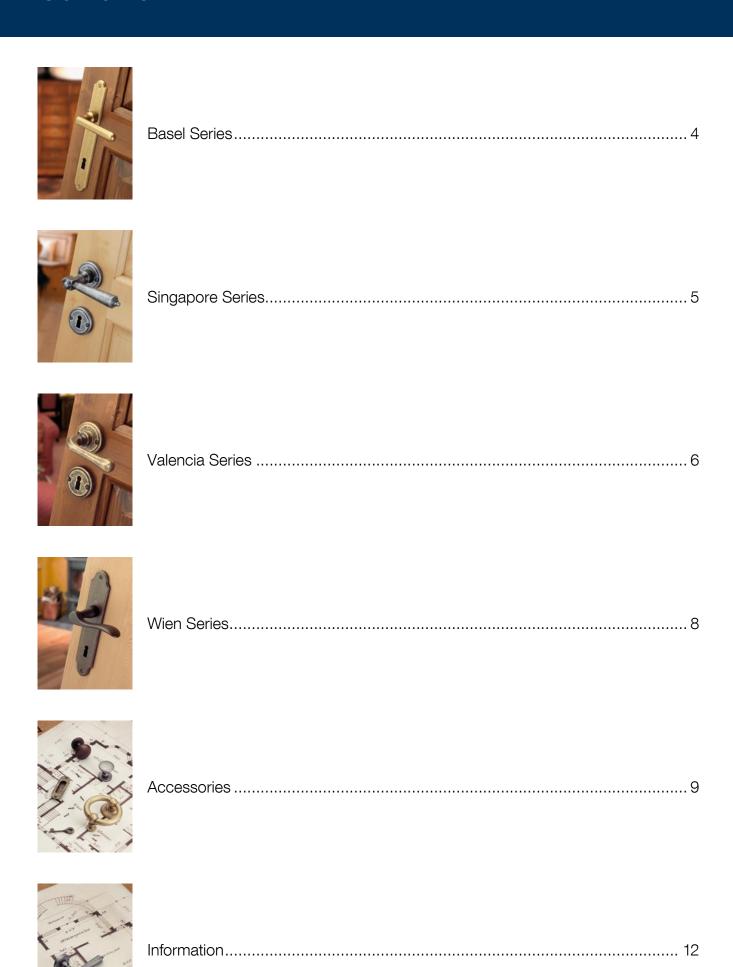
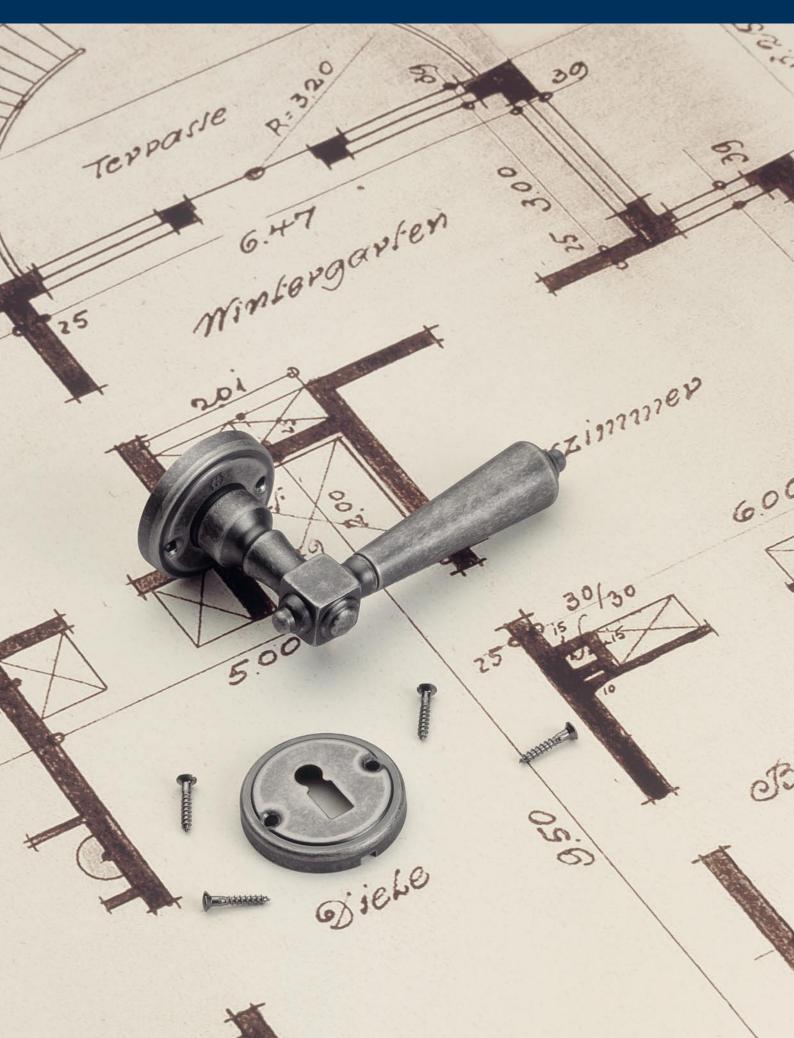




Contents







M159/15K-2/15KS-2

 $\label{thm:hoppe} \mbox{HOPPE brass lever set on rose with escutcheon, for interior doors, \mbox{\bf Basel Series}.}$

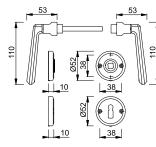
Corresponding to DIN EN 1906 (category of use: grade 2).

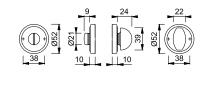
Rose and escutcheon with nylon base, loose lever with spring cassette (RFL), HOPPE profile spindle, visible fixing with wood screws.





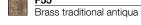
Description			Keyhole/	F54	F55	F56	P.U.	O.C.
Description		∓	Distance	Article no.	Article no.	Article no.	JF.U.	0.0.
Set with wood screws	32-66	8	\subset	2450881	2450890	2450902	1	10
	32-66	8		2451850	2451868	2451884	1	10
	36-45	5/8	$\mathbb{Q}_{\mathbb{Q}}$	2480378	2480386	2480394	1	10
		Ħ	Keyhole/	F76			P.U.	O.C.
		⊒	Distance	Article no.			P.U.	0.0.
	32-66	8		2450911			1	10
	32-66	8		2451892			1	10
	36-45	5/8		2480407			1	10













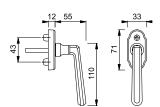
F76 Brass earth antiqua

M022/7

HOPPE brass window handle for tilt-and-turn-windows, Basel Series. Visible fixing with thread screws.



Description	Project-		Lugo	F54	F55	F56	БП	O.C.
Description	ing	₩	Lugs	Article no.	Article no.	Article no.	ר.ט.	0.0.
Window handle with	35	7	10	2456335	2456343	2456351	1	10
screws M5x40, piece								
	Project-		Lugo	F76			ПП	O.C.
	ing	₩	Lugs	Article no.]F.U.	0.0.
	35	7	10	2456360			1	10
	1							







M172/15K-2/15KS-2

 $\label{thm:hoppe} \mbox{HOPPE brass lever set on rose with escutcheon, for interior doors, \mbox{\bf Singapore Series}. \\$

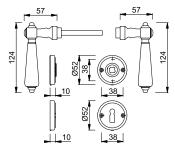
Corresponding to DIN EN 1906 (category of use: grade 2).

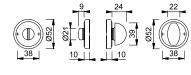
Rose and escutcheon with nylon base, loose lever with spring cassette (RFL), HOPPE profile spindle, visible fixing with wood screws.





Description			Keyhole/	F54	F55	F56	P.U.	O.C.
Description		₽	Distance	Article no.	Article no.	Article no.	P.U.	0.0.
Set with wood screws	30-66	80		2450961	2450970	2450988	1	10
	30-66	8		2451956	2451972	2451981	1	10
	36-45	5/8	$\mathbb{Q}_{\mathbb{Q}}$	2480466	2480482	2480491	1	10
		Π	Keyhole/	F76			P.U.	O.C.
		.].	Distance	Article no.			r.U.	0.0.
	30-66	8		2450996			1	10
	30-66	8		2451999			1	10
	36-45	5/8	D []	2480511			1	10







F54
Brass antiqua



Brass traditional antiqua



Silver antiqua



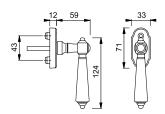
Brass earth antiqua

M072/7

HOPPE brass window handle for tilt-and-turn-windows, **Singapore Series**. Visible fixing with thread screws.



Description	Project-		Lugo	F54	F55	F56	P.U.	O.C.
Description	ing	 	Lugs	Article no.	Article no.	Article no.	JF.U.	0.0.
Window handle with	35	7	10	2456669	2456677	2456685	1	10
screws M5x40, piece								
	Project-		Lugo	F76			P.U.	O.C.
	ing	 	Lugs	Article no.			P.U.	0.0.
	35	7	10	2456693			1	10



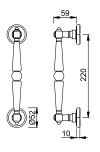
Fini	shes
	F54 Brass antiqua
	F55 Brass traditional antiqua
	F56 Silver antiqua
	F76

M476/15

HOPPE brass pull handle on rose for entrance doors, **Singapore Series**. One-side concealed fixing.



Description	Distance	F54	F55	F56	P.U.	O.C.
Description	Distance	Article no.	Article no.	Article no.	1 .0.	0.0.
Pull handle on rose with	220	2455931	2455965	2455973	1	5
fixing system for wood-						
doors, piece	Distance	F76			P.U.	O.C.
	Distance	Article no.			F.U.	0.0.
	220	2455981			1	5







Fixing system for wood-doors included

M170/15K-2/15KS-2

HOPPE brass lever set on rose with escutcheon, for interior doors, **Valencia Series**.

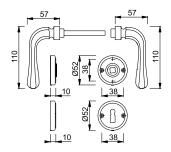
Corresponding to DIN EN 1906 (category of use: grade 2).

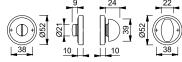
Rose and escutcheon with nylon base, loose lever with spring cassette (RFL), HOPPE profile spindle, visible fixing with wood screws.





Description		П	Keyhole/	F54	F55	F56	P.U.	O.C.
Description		₩	Distance	Article no.	Article no.	Article no.	P.U.	0.0.
Set with wood screws	27-66	8	\subset	2450929	2450937	2450945	1	10
	27-66	8		2451905	2451921	2451930	1	10
	36-45	5/8	$\mathbb{Q}_{\mathbb{Q}}$	2480415	2480431	2480440	1	10
			Keyhole/	F76			P.U.	O.C.
		#	Distance	Article no.			F.U.	0.0.
	27-66	8		2450953			1	10
	27-66	8		2451948			1	10
	36-45	5/8	Φ[]]	2480458			1	10









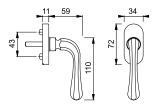


M070/U9

HOPPE brass window handle for tilt-and-turn-windows, **Valencia Series**. Visible fixing with thread screws.



Description	Project-		Lugs	F54	F55	F56	P.U.	O.C.
· ·	ing	₩		Article no.	Article no.	Article no.		
Window handle with	35	7	10	2456431	2456458	2456466	1	10
screws M5x40, piece								
	Project-		Lugo	F76			P.U.	O.C.
	ing	 	Lugs	Article no.			P.U.	0.0.
	35	7	10	2456618			1	10



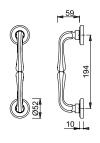


M439/15

HOPPE brass pull handle on rose for entrance doors, **Valencia Series**. One-side concealed fixing.



Description		Distance	F54	F55	F56	DII	O.C.
Description		Distance	Article no.	Article no.	Article no.	P.U.	0.0.
Pull handle on rose with		194	2455551	2455560	2455607	1	5
fixing system for wood-							
doors, piece		Distance	F76			P.U.	O.C.
		Distance	Article no.			٦٢.٠٠.	0.0.
		194	2455623			1	5







Fixing system for wood-doors included

M123/15K-2/15KS-2

HOPPE brass lever set on rose with escutcheon, for interior doors, Wien Series.

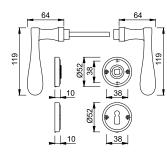
Corresponding to DIN EN 1906 (category of use: grade 2).

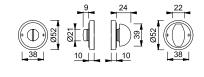
Rose and escutcheon with nylon base, loose lever with spring cassette (RFL), HOPPE profile spindle, visible fixing with wood screws.





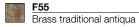
Description			Keyhole/	F54	F55	F56	P.U.	O.C.
Description		□ ;□	Distance	Article no.	Article no.	Article no.	F.U.	0.0.
Set with wood screws	24-66	8	8	2451008	2451016	2451024	1	10
	24-66	8		2452001	2452019	2452027	1	10
	36-45	5/8	D []]	2480520	2480546	2480554	1	10
			Keyhole/	F76			P.U.	O.C.
		□	Distance	Article no.			P.U.	0.0.
	24-66	8	<u> </u>	2451032			1	10
	24-66	8		2452035			1	10
	36-45	5/8	D	2480562			1	10







Brass antiqua





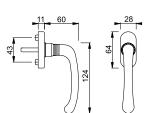
F76 Brass earth antiqua

M073/U23

HOPPE brass window handle for tilt-and-turn-windows, Wien Series. Visible fixing with thread screws.



Description	Project-		Lugo	F54	F55	F56	P.U.	O.C.
Description	ing	₩	Lugs	Article no.	Article no.	Article no.]F.U.	0.0.
Window handle with	35	7	10	2456749	2456757	2456765	1	10
screws M5x40, piece								
	Project-		Luca	F76			P.U.	O.C.
	ing	₩	Lugs	Article no.]P.U.	0.0.
	35	7	10	2456773			1	10





Accessories



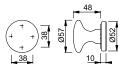


M40H/15K-2

HOPPE brass knob on rose to be fitted in the centre of entrance doors. Rose with nylon base, visible fixing with wood screws.



Description		F54	F55	F56	P.U.	O.C.
Description		Article no.	Article no.	Article no.	JF.U.	0.0.
Knob with wood screws M12, piece		2464976	2464984	2464992	1	10
		F76			P.U.	O.C.
		Article no.			JF.U.	0.0.
		2465004			1	10



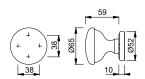


M63/15K-2

HOPPE brass knob on rose to be fitted in the centre of entrance doors. Rose with nylon base, visible fixing with wood screws.



D			F54	F55	F56	P.U.	O.C.
Description			Article no.	Article no.	Article no.		
Knob with wood screws M12, piece			2464933	2464941	2464950	1	10
			F76			P.U.	O.C.
			Article no.]P.U.	0.0.
			2464968			1	10





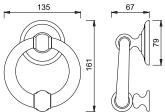


M532

HOPPE brass door knocker for entrance doors. One-side concealed fixing.



Description		F54 Article no.	F55 Article no.	F56 Article no.	P.U.	O.C.
Door knocker with fixing system for wood-doors,		2465012	2465021	2465039	1	6
piece		F76			P.U.	O.C.
		Article no.			TP.U.	0.0.
		2465047			1	6



Finishes



Brass antiqua

F55

Brass traditional antiqua

F56
Silver antiqua

F76
Brass earth antiqua



Fixing system for wood-doors included

Operational guarantee



HOPPE's operational guarantee

According to HOPPE, a brand name product keeps its promise of quality to the enduser. As a way of ensuring this, HOPPE gives a **10-year guarantee** on all door and window handles (as long as the respective assembly and maintenance guidelines are fulfilled).

HOPPE brand name products undergo numerous tests to ensure flawless operation. Static impact tests and durability test also made according to the product type. These closely reflect the everyday knocks hardware has to take and extend beyond the tests and requirements of DIN EN 1906 or RAL-RG 607/9.

Whereas for DIN EN 1906 and RAL-RG 607/9 hardware is tested in isolation, HOPPE, more realistically, conducts operational tests on the door and window itself. This means that not just the function, but also the durability of the attachment between hardware and door or window, too, is tested. The number of operation cycles here is far higher than those demanded by the standards mentioned above – but after all we are talking about the HOPPE Handle of Excellence here.

HOPPE realistically tests door and window handles in situ, -on doors and windows!





With the **10-year operational guarantee**, HOPPE extends way beyond the statutory 2 years of European regulations, thereby setting the new quality standard for brand name hardware.

The next page gives you an overview of the tests made by HOPPE compared with DIN EN 1906 and RAL-RG 607/9.



1 Tests on door handles

There are two durability grades for door handles in DIN EN 1906 necessitating durability tests with various test cycles.

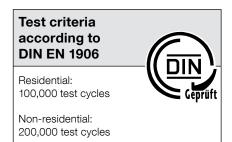
• Grade 6:

Medium frequency of use, for residential hardware: 100,000 test cycles (1 test cycle = once opening and closing of a door)

• Grade 7:

High frequency of use, for non-residential hardware: 200,000 test cycles.

Far higher standards are set for the HOPPE operational guarantee. In all durability tests the door handles are tested on the doors themselves. Residential hardware is tested in **182,000** operational cycles (1 cycle = 1 x opening and closing the door) and handles for non-residential use are tested in **255,000** operational cycles. This is the equivalent of 50 or 70 operational cycles a day over a period of 10 years. Neither the door handle itself, nor any part of it, must become loose during the course of the test. The sets are then tested for their stability, ensuring they work flawlessly.





2 Tests on window handles

RAL-RG 607/9 prescribes 10.000 tilt/turn test cycles in durability tests for window handles.

HOPPE, again, goes a step further. In tests for the operational guarantee HOPPE window handles undergo a **15,000** tilt/turn cycle test on the window itself. This is the equivalent to 4 x opening and closing plus 4 x tilting and closing per day over 10 years (1 tilt/turn cycle = 1 x opening and closing of the window plus 1 x tilting and closing of window). The window handles are then tested for their stability to ensure perfect operation.

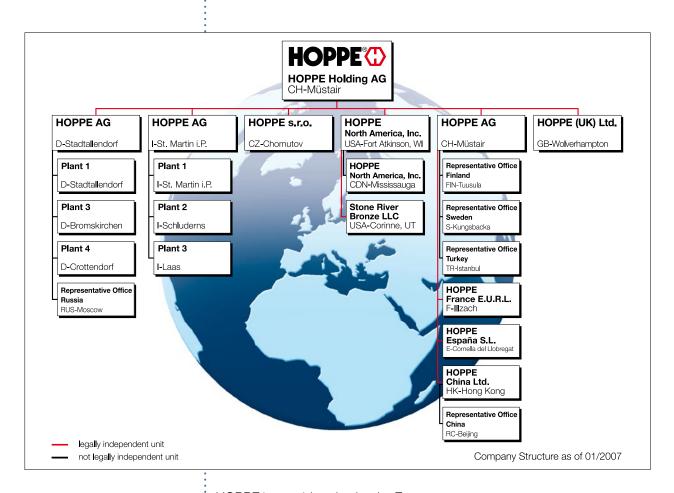




The HOPPE company

The HOPPE Group

Founded by Friedrich Hoppe in 1952 in Heiligenhaus (near Düsseldorf), the traditional heartland of Germany's lock and hardware industry, HOPPE is today an international manufacturing company with its headquarters in Switzerland. Approx. 3,000 employees in 9 production plants in Europe and the USA plus sales offices in Switzerland, France, Spain, the UK and the USA as well as representative offices in Russia, Finland, Sweden and China, dealing with sales worldwide, ensure that the "Handle of excellence" provides the finishing touch to your interior decor.



HOPPE is considered to be the European market leader in development, production and distribution of door and window hardware.

In fairness to employees, customers, suppliers and the regions in which HOPPE is located, the company pursues the principle of profitability before turnover.

The following beliefs make the HOPPE Group what it is today:

"Creativity is intelligent thinking against the norm", the result being: "Different from and better than others".







HOPPE – Handle of Excellence

Enjoy the feel of quality. Indeed, touching a quality handle reassures you that you have made the right choice. Hardware with this logo (*) is a brand-name product, which, in our view, is tantamount to a promise of quality.

All production plants of the HOPPE Group in Germany, Italy and the Czech Republic are certified in accordance with DIN EN ISO 9001: 2000. Continuous striving for improvement in quality remains a permanent process.

HOPPE is aware that simply manufacturing a faultless product is not sufficient today.

Among the important criteria HOPPE considers, are efficient manufacturing to quality standards, complying with current regulations, short product life-cycles and, above all, close attention to customer requirements.



DIN EN ISO 9001:2000

HOPPE - the Product Range

For everyone who wants to upgrade their surroundings, HOPPE, Europe's leading brand of door and window handles, can fit in with any personal living and furniture style. With high quality and fair price, our products enhance everyone's choice of interior decor.

There is something for every situation in the extensive product range. HOPPE products are tradesman's first choice.

HOPPE not only offers a choice of attractive handles for doors and windows, but also develops specific solutions. Thus a building or an apartment can be equipped from the windows down to the main entrance door with the handle of excellence in aluminium, brass, nylon or stainless steel.

HOPPE - Consideration for the Environment

At HOPPE, consideration for the environment is of "constitutional" importance. Some examples are:

- the manufacture of hardware in an environmentallyconsiderate way
- the recycling of waste-water and the use of a circulatory system for water required in manufacture
- bio-degradable packaging
- the use of recyclable scrap as secondary raw material in the internal raw material cycle
- the use of process heat



All production facilities of the HOPPE Group in Germany and Italy are certified to DIN EN ISO 14001.



DIN EN ISO 14001



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