



LOCK AND DOOR HARDWARE FINISHES

There are two standards in the United States which have identified and defined door hardware finishes. The earlier standard is the United States Standard, developed by the Institute of Standards, and finishes in this standard are depicted as US10B, US26D etc. The more recent standard has been defined by the Builders Hardware Manufacturers Association (BHMA) and is known as BHMA A156.18 Materials and Finishes. The BHMA Standard not only defines a finish, but maps it to its equivalent US Standard finish.

The difference between the BHMA Standard and the US Standard is that the BHMA Standard take into account the base material over which the finish is applied. For example, while there are three BHMA Standard numbers for Satin Chromium Plating; BHMA 626 is Satin Chromium on brass or bronze, BHMA 652 is Satin Chromium Plated Steel and BHMA 682 is Satin Chromium Plated Zinc, there is only one equivalent US Standard number for Satin Chromium Plating; US26D.

When choosing a door hardware and finish, it is important to select one that should blend with the surroundings. Other factors to consider when deciding upon a base metal and finish is, where the door hardware will be used and its exposure to elements, such as whether the hardware will be used inside or outdoors, what weather conditions and temperature range will it be exposed to, etc.

The most commonly used base metals for making door hardware are Brass, Bronze, Steel, Stainless Steel, Aluminium and Zinc.

Types of Finishes

Finishes can be broken into Bright or Satin (one that has a low luster). The different types of finishes that can be applied on the different types of metals include:

Bright or Satin finish of Brass. For example, BHMA 605 is Bright brass on brass, whereas BHMA 606 is Satin brass on brass. Brass finishes can also have a coating applied to prevent tarnishing.

Bright or Satin finish of Bronze. For example, BHMA 611 is Bright bronze on bronze, whereas BHMA 612 is Satin bronze on bronze. Bronze finishes can also have a coating applied on it to prevent tarnishing.

Uncoated finishes of Brass or Bronze have an oil rubbing applied on them.

Bright or Satin finish of Stainless Steel. For example BHMA 629 is Bright Stainless Steel, while BHMA 630 is Satin Stainless Steel.

Plated finishes are the most common types of finishes and are applied using electrolysis.

Anodizing is applied on Aluminium base metal and forms a protective layer on it.

Most Common Finishes



605 – US3 Bright Brass



609 – US5 Antique Brass



613 – US10B Oil Rubbed Bronze



625 – US26 Bright Chrome



626 – US26D Satin Chrome



630 – US32D Stainless Steel



619 – US15 Satin Nickel

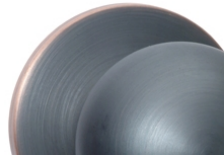


620 – US15A Antique Nickel

Other Finishes



622 – US19 Flat Black



US10B – 613 Oil Rubbed Bronze (Promax)



716 – US12P Dark Bronze



606 – USL03 Lifetime Polished Brass

Architectural Hardware Finishes

Following are common finishes found in US. The first column indicates the BHMA number, the second column indicates the old US standard number (if available), the third column indicates the finish and the fourth column indicates the base metal on which finish is applied.

BHMA	US Finish	Description	Base Metal
609	US5	Satin brass plated, blackened, satin relieved, clear coated	Aluminium
627	US27	Satin aluminium	Aluminium
628	US28	Satin aluminium, clear coated	Aluminium
666	US3	Bright brass plated, clear coated	Aluminium
666	US3AL	Bright brass plated, clear coated	Aluminium
667	US4	Satin brass plated, clear coated	Aluminium
668	US10A	Satin bronze plated, clear coated	Aluminium
668	US10AL	Satin bronze plated, clear coated	Aluminium
669	US14	Bright nickel plated	Aluminium
670	US15	Satin nickel plate	Aluminium
673	US92	Aluminium, clear coated	Aluminium

689	US65	Aluminium painted	Aluminium
702	US26D	Satin chrome plated	Aluminium
703	US10B	Oxidized satin bronze plated, oil rubbed	Aluminium
710	313AN	Dark bronze anodized	Aluminium
711	315AN	Black anodizes	Aluminium
716	A10B	Satin bronze plated, clear coated	Aluminium
690	US69	Dark bronze painted	Any
605	US3	Bright brass, clear coated	Brass
606	US4	Satin brass, clear coated	Brass
689	SP28	Aluminium painted	Brass
691	SP10	Light bronze painted	Brass
693	SPBLK	Black painted	Brass
695	SP313	Dark bronze painted	Brass
706	SP4	Brass	Brass
716	US12P	Satin bronze plated, clear coated	Brass
P600	P600	Primed for paint	Brass
618	US14	Bright nickel plated, clear coated	Brass, Bronze
619	US15	Satin nickel plated, clear coated	Brass, Bronze
620	US15A	Satin nickel plated, blackened, satin relieved, clear coated	Brass, Bronze
622	US19	Flat black coated	Brass, Bronze
624	US20A	Dark bronze (statuary)	Brass, Bronze
625	US26	Polished chrome plated	Brass, Bronze
626	US26D	Satin chrome plated	Brass, Bronze
611	US9	Bright bronze	Bronze
612	US10	Satin bronze, clear coated	Bronze
613	US10B	Dark oxidized satin bronze, oil rubbed finish	Bronze
629	US32	Polished stainless steel	Stainless steel 300
630	US32D	Satin stainless steel	Stainless steel 300
654	US32D	Satin stainless steel	Stainless steel 400
600	USP	Primed for paint - steel	Steel
600	USFP	Primed for paint - steel	Steel
602	US2C	Cadmium plated	Steel
603	US2G	Zinc plated	Steel
603	US2C	Zinc plated	Steel
604	US2G	Zinc plated/dichromate sealed	Steel
632	US3	Bright brass plated, clear coated	Steel
633	US4	Satin brass plated	Steel
637	US9	Bright bronze plated	Steel
638	US5	Satin brass plated, blackened, satin relieved, clear coated	Steel
639	US10	Satin bronze plated, clear coated	Steel
640	US10B	Dark oxidized satin bronze, oil rubbed finish	Steel

645	US24	Bright nickel plated, clear coated	Steel
646	US15	Satin nickel plated, clear coated	Steel
651	US26	Bright chromium plated	Steel
652	US26D	Satin chrome plated	Steel
689	SP28	Aluminium painted	Steel
693	SPBLK	Black painted	Steel
695	SP313	Dark bronze painted	Steel
695	SP313	Dark bronze painted	Steel
706	SP4	Brass	Steel