Product names	Typical use	Nominal hardness	SG	WP
DW-H250	▪ Metal-to-metal wear parts and underlaying for hardfacing and repair	Hv 250	CO_2	1F 1G 2F
DW-H350	▪ Metal-to-metal wear and light abrasion parts	Hv 350	CO_2	1F 1G 2F
DW-H450	▪ Metal-to-metal wear and abrasion parts	Hv 450	CO_2	1F 1G 2F
DW-H600	▪ Abrasion parts	Hv 600	CO_2	1F 1G 2F
DW-H700	▪ Abrasion parts	Hv 700	CO_2	1F 1G 2F
DW-H800	▪ Heavy abrasion parts ▪ Metal type flux cored wire	Hv 800	CO_2	1F 1G 2F

Note: Polarity: DCEP, Welding tests are as per Kobe Steel's Standard. Ty: Typical

Packaging data

ϕ mm	DW-H250	DW-H350	DW-H450	DW-H600	DW-H700	DW-H800
1.2	20kg	20kg	20kg	20kg	20kg	20kg
1.6	20kg	20kg	20kg	20kg	20kg	20kg
Volume mm	300W, 110H, 300L					

	Composition (overlay weld metal mass%)								Weld metal hardness		
	C	Si	Mn	Cr	Mo	V	W	B	PWHT (°Cxh)	Hv	Pre. H & IPT ℃
Ty	0.09	0.49	1.30	1.02	0.40	-	-	-	AW	269	150min.
									600x2	270	
Ty	0.13	0.64	1.70	0.48	0.53	-	-	-	AW	370	150min.
									600x2	297	
Ty	0.15	0.57	1.40	3.70	0.47	0.25	-	-	AW	431	150min.
									600x2	384	
Ty	0.45	0.48	0.97	4.31	0.51	-	-	-	AW	574	200min.
									600x2	398	
Ty	0.57	0.73	1.05	5.40	1.01	0.54	1.21	-	AW	673	250min.
									600x2	605	
Ty	1.10	0.68	1.83	4.22	-	-	2.26	0.54	AW	772	250min.
									600x2	612	