

D-Bar Special specifications list

September,2024

Wire bar			S-type	WP-type	R-Max-type	W-type				
<ul style="list-style-type: none"> The wire may break The wire may loose Easy to cause clogging Not easy to clean 			Integrated design free from breaking. / Integrated design free from loosening							
			<ul style="list-style-type: none"> Less likely to clog and cleans up easier. Excellent coating liquid leveling property. 	<ul style="list-style-type: none"> Improved cleanability compared to S type. Improved leveling compared to S type. Scratch reduction. 	<ul style="list-style-type: none"> Reduced initial wear speed. Reduction of scratches. ※R-Max(round) is 3 to 4 times that of the standard type round. 	<ul style="list-style-type: none"> Low initial wear and long life. 				
Model number	Wire diameter (mm)	The pocket area per 1mm (mm ²)	Spec (P mm / H μm)	The pocket area per 1mm (mm ²)	Spec (P mm / H μm)	The pocket area per 1mm (mm ²)	溝仕様 (P mm / H μm)	The pocket area per 1mm (mm ²)	溝仕様 (P mm / H μm)	The pocket area per 1mm (mm ²)
#1	0.0254	0.0027	P0.08H5S	0.0025	WP0.2H6S	0.0028				
#2	0.0508	0.0055	P0.1H11S	0.0057	WP0.2H10S	0.0055	P0.1H13RS	0.0052		
#3	0.0762	0.0082	P0.1H17S	0.0080	WP0.2H15S	0.0081	P0.1H20RS	0.0082	P0.1H17W	0.0088
#4	0.1016	0.0109	P0.15H22S	0.0110	WP0.2H22S	0.0107	P0.15H24RS	0.0109	P0.15H21W	0.0104
#5	0.1270	0.0136	P0.2H24S	0.0130	WP0.4H27S	0.0136	P0.2H35RS	0.0135	P0.2H27W	0.0132
#6	0.1524	0.0164	P0.25H29S	0.0162	WP0.4H32S	0.0164	P0.25H39RS	0.0159	P0.2H37W	0.0166
#7	0.1778	0.0191	P0.25H37S	0.0188	WP0.5H33S	0.0187	P0.25H45RS	0.0198	P0.2H48W	0.0193
#8	0.2032	0.0218	P0.25H49S	0.0226	WP0.5H44S	0.0218	P0.25H54RS	0.0218	P0.25H52W	0.0227
#9	0.2286	0.0245	P0.25H50S	0.0246	WP0.5H49S	0.0245	P0.25H64RS	0.0245	P0.3H55W	0.0239
#10	0.2540	0.0273	P0.25H55S	0.0268	WP0.5H55S	0.0273	P0.25H66RS	0.0273	P0.3H60W	0.0263
#11	0.2794	0.0300	P0.3H60S	0.0300	WP0.6H59S	0.0297				
#12	0.3048	0.0327	P0.35H65S	0.0325	WP0.8H63S	0.0340	P0.35H85RS	0.0327	P0.35H75W	0.0318
#13	0.3302	0.0354	P0.4H76S	0.0360	WP0.7H71S	0.0354				
#14	0.3556	0.0382	P0.4H79S	0.0398	WP0.8H68S	0.0381	P0.4H98RS	0.0382	P0.4H95W	0.0390
#15	0.3810	0.0409	P0.4H83S	0.0413	WP0.8H82S	0.0409				
#16	0.4064	0.0436	P0.4H88S	0.0438	WP0.8H86S	0.0440	P0.4H103RS	0.0436	P0.4H108W	0.0426
#17	0.4318	0.0463	P0.4H94S	0.0464						
#18	0.4572	0.0491	P0.45H98S	0.0489	WP1.0H85S	0.0483				
#19	0.4826	0.0518	P0.45H106S	0.0524			P0.45H123RS	0.0518	P0.4H135W	0.0513
#20	0.5080	0.0545	P0.5H113S	0.0560	WP1.0H112S	0.0560				

※ D-Bar groove specification table is created based on pocket area per 1mm (mm²).

※ The pocket area per 1mm (mm²) of our D-Bar is the measurement data of a test piece manufactured with a material diameter of φ10.

※ The pocket area per 1mm (mm²) is manufactured and selected based on wire bar pocket area.

※ We also manufacture special products. Please contact us on request.



OSG SYSTEM PRODUCTS CO.,LTD.

TEL:0533-92-1511 FAX:0533-92-1512

E-Mail:osp-info@osg.co.jp http://www.j-osp.com/