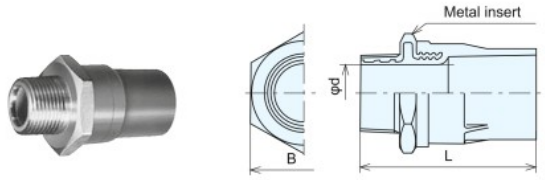
HI-TS Valve Sockets with Metal Insert — Code No. 7031
TS Valve Sockets with Metal Insert — Code No. 4031

(Abbreviation : MVS) Type II **PVC Inner Surface Type**



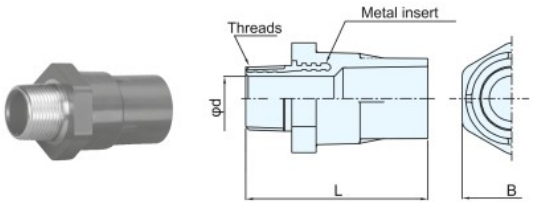
* The sockets with nominal diameters of 50 x 2 and less are hexagon-shaped at the section B and the sockets with nominal diameter of 65 x 2-1/2 and more are octagon-shaped.

Unit : mm

Nominal Dia.	d	B	Nominal Thread Dia.	L	Standards
13× 1/2	13	32	R1/2	60	JIS K 6743
16× 1/2	13	32	R1/2	67	
20× 3/4	18	40	R3/4	75	
25×1	23	50	R1	85	
30×1 1/4	31	55	R1 1/4	95	
40×1 1/2	37	65	R1 1/2	110	
50×2	48	75	R2	125	
65×2 1/2	61	98	R2 1/2	134	Ⓜ
75×3	72	112	R3	151	
100×4	96	140	R4	189	

Notes
1. The threads are tapered male threads conform to JIS B0203 (taper pipe threads).
2. The material of the thread insert conforms to JIS H5120 CAC406 (cast brass).
3. The shape of the socket with nominal diameter of 16 differs partially from that shown in the diagram.

(Abbreviation : MVS) Type I



* Section B is hexagon-shaped.

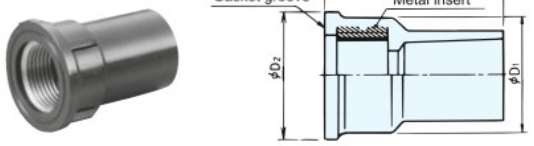
Unit : mm

Nominal Dia.	d	B	Nominal Thread Dia.	L	Standards	
					VP	HI-VP
13× 1/2	13	32	R1/2	60	JIS K 6743	
16× 1/2	13	34	R1/2	65		
20× 1/2	13	34	R1/2	72	—	Ⓜ
20× 3/4	18	41	R1/4	75	JIS K 6743	
25×1	23	50	R1	85		
30×1 1/4	31	56	R1 1/4	95		

Notes
1. The threads are tapered male threads conform to JIS B0203 (taper pipe threads).
2. The material of the thread insert conforms to JIS H3250 C3602 (free-cutting brass) or C3604 (free-cutting brass).

HI-TS Hydrant Sockets with Metal Insert — Code No. 7028
HI-TS Hydrant Sockets — Code No. 6021

(Abbreviation: MWS = With metal insert, WS = Without metal insert)
Type A



TS Hydrant Sockets with Metal Insert — Code No. 4028
TS Hydrant Sockets — Code No. 5021

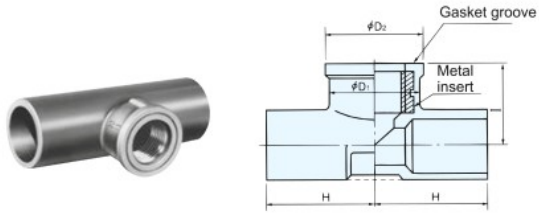
Unit : mm

Nominal Dia.	D1	D2	Nominal Thread Dia.	L	Standards	
					MWS	WS
13	30	34	Rp1/2	47	JIS K 6743	Ⓜ
16×13	30	34	Rp1/2	52		
20	37	42	Rp3/4	59		
20×13	30	34	Rp1/2	57		—
25	46	52	Rp1	68		Ⓜ

Notes
1. The threads are parallel female threads conform to JIS B0203 (taper pipe threads).
2. The material of the thread insert of the products with nominal diameters of 13, 16 and 20 conforms to JIS H3250 C3601, C3602 or C3604 (free-cutting brass) and that of the product with nominal diameter of 25 conforms to JIS H5121 CAC406C (cast brass).
3. Use seal tape on threads for firm sealing. A solvent-free sealing agent must be used when seal tape and sealing agent are used together. If a solvent-containing sealing agent is used, cracks may occur in the hydrant joint.
4. Excessive tightening of the tapered male threads may cause the RP female thread section to expand and break.
5. Do not connect the product to a steel pipe with tapered male threads that are fabricated at construction sites.

HI-TS Hydrant Tees with Metal Insert — Code No. 7030
HI-TS Hydrant Tees — Code No. 6023

(Abbreviation: MWT = With metal insert, WT = Without metal insert)
Type A



TS Hydrant Tees with Metal Insert — Code No. 4030
TS Hydrant Tees — Code No. 5023

Unit : mm

Nominal Dia.	D1	D2	Nominal Thread Dia.	H	l	Standards	
						MWT	WT
13	30(28)	34	Rp1/2	38	29	JIS K 6743	Ⓜ
16×13	30	34	Rp1/2	43	32		
20	37	42	Rp3/4	51	36		
20×13	30	34	Rp1/2	47	34		
25	46	52	Rp1	59	42		

Notes
1. The threads are parallel female threads conform to JIS B0203 (taper pipe threads).
2. The material of the thread insert of the products with nominal diameters of 13, 16 and 20 conforms to JIS H3250 C3601, C3602 or C3604 (free-cutting brass) and that of the product with nominal diameter of 25 conforms to JIS H5121 CAC406C (cast brass).
3. Use seal tape on threads for firm sealing. A solvent-free sealing agent must be used when seal tape and sealing agent are used together. If a solvent-containing sealing agent is used, cracks may occur in the hydrant joint.
4. Excessive tightening of the tapered male threads may cause the RP female thread section to expand and break.
5. Do not connect the product to a steel pipe with tapered male threads that are fabricated at construction sites.
6. HI-TS Hydrant Tees with a nominal diameter of 20 x 13 or 25 are not available. Note that the numeric value in ( ) is the dimension of WT product.