



Expanded 3/4" FLANK DRIVE® Impact Socket Offering

Snap-on impact sockets are heat treated to optimize impact service life with a lower hardness than hand sockets and are able to withstand repeated cycling loads of impact wrenches. Chrome sockets are heat treated to optimize non-impact torque application (too brittle for impact use and are not the safe choice). Snap-on uses a proprietary blend of special alloy socket steel that provides long life and great strength. Our Flank Drive® wrenching system delivers up to 20% more turning power without slipping or rounding while exceeding ANSI performance standards.

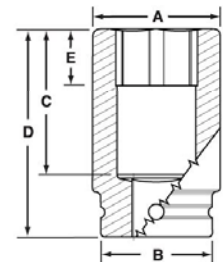
***All items highlighted in blue are part of the expanded 3/4" FLANK DRIVE® impact socket line**

Shallow 6 Point **6**

Snap-on Part #	Description	Size	A - Socket End Diameter	B - Drive End Diameter	C - Bolt Clearance Depth	D - Length	E - Opening Depth
IM182A	3/4" Drive SAE Shallow 6pt	9/16	1	1 5/8	1 1/32	2	17/32
IM202A	3/4" Drive SAE Shallow 6pt	5/8	1 3/32	1 5/8	1 1/32	2	17/32
IM222A	3/4" Drive SAE Shallow 6pt	11/16	1 5/32	1 5/8	1 1/32	2	17/32
IM242A	3/4" Drive SAE Shallow 6pt	3/4	1 1/4	1 5/8	1 1/32	2	17/32
IM262A	3/4" Drive SAE Shallow 6pt	13/16	1 3/8	1 5/8	1 1/32	2	9/16
IM282A	3/4" Drive SAE Shallow 6pt	7/8	1 1/2	1 5/8	1 1/32	2	19/32
IM302A	3/4" Drive SAE Shallow 6pt	15/16	1 9/16	1 5/8	1 1/32	2	21/32
IM322A	3/4" Drive SAE Shallow 6pt	1	1 5/8	1 5/8	1 1/32	2	11/16
IM342A	3/4" Drive SAE Shallow 6pt	1 1/16	1 11/16	1 5/8	1 1/32	2	3/4
IM362	3/4" Drive SAE Shallow 6pt	1 1/8	1 3/4	1 5/8	1 1/8	2 1/8	3/4
IM382	3/4" Drive SAE Shallow 6pt	1 3/16	1 7/8	1 3/4	1 5/16	2 1/4	3/4
IM402	3/4" Drive SAE Shallow 6pt	1 1/4	2	1 3/4	1 5/16	2 1/4	3/4
IM422	3/4" Drive SAE Shallow 6pt	1 5/16	2 1/32	1 3/4	1 5/16	2 1/4	13/16
IM442	3/4" Drive SAE Shallow 6pt	1 3/8	2 1/8	1 3/4	1 5/16	2 1/4	7/8
IM462	3/4" Drive SAE Shallow 6pt	1 7/16	2 3/16	1 3/4	1 5/16	2 1/4	7/8
IM482	3/4" Drive SAE Shallow 6pt	1 1/2	2 1/4	1 3/4	1 5/16	2 1/4	7/8
IM502	3/4" Drive SAE Shallow 6pt	1 9/16	2 11/32	1 3/4	1 17/32	2 1/2	15/16
IM522	3/4" Drive SAE Shallow 6pt	1 5/8	2 13/32	1 3/4	1 17/32	2 1/2	15/16
IM542	3/4" Drive SAE Shallow 6pt	1 11/16	2 15/32	1 3/4	1 5/8	2 9/16	1
IM562	3/4" Drive SAE Shallow 6pt	1 3/4	2 17/32	1 3/4	1 13/16	2 3/4	1 1/32
IM582	3/4" Drive SAE Shallow 6pt	1 13/16	2 19/32	1 3/4	1 13/16	2 3/4	1 1/32
IM602	3/4" Drive SAE Shallow 6pt	1 7/8	2 5/8	1 3/4	1 13/16	2 3/4	1 1/32
IM622A	3/4" Drive SAE Shallow 6pt	1 15/16	2 23/32	1 3/4	1 13/16	3	1 1/8
IM642A	3/4" Drive SAE Shallow 6pt	2	2 13/16	1 3/4	2 1/16	3	1 1/8
IM662A	3/4" Drive SAE Shallow 6pt	2 1/16	2 7/8	1 3/4	2 1/16	3	1 3/16
IM682A	3/4" Drive SAE Shallow 6pt	2 1/8	3	1 3/4	1 3/4	3	1 3/16
IM702A	3/4" Drive SAE Shallow 6pt	2 3/16	3 1/16	1 3/4	2 1/16	3 1/4	1 5/16
IM722A	3/4" Drive SAE Shallow 6pt	2 1/4	3 1/8	1 3/4	2 1/16	3 1/4	1 7/32
IM762A	3/4" Drive SAE Shallow 6pt	2 3/8	3 1/4	1 3/4	2 9/16	3 1/2	1 7/16



IM402



CE – Not Required

Country of Origin – United States



Expanded 3/4" FLANK DRIVE® Impact Socket Offering (page 2)

Shallow 12 Point **12**

Snap-on Part #	Description	Size	A - Socket End Diameter	B - Drive End Diameter	C - Bolt Clearance Depth	D - Length	E - Opening Depth
IMD182A	3/4" Drive SAE Shallow 12pt	9/16	1	1 5/8	1 1/32	2	17/32
IMD202A*	3/4" Drive SAE Shallow 12pt	5/8	1 3/32	1 5/8	1 1/32	2	17/32
IMD222A	3/4" Drive SAE Shallow 12pt	11/16	1 5/32	1 5/8	1 1/32	2	17/32
IMD242A	3/4" Drive SAE Shallow 12pt	3/4	1 1/4	1 5/8	1 1/32	2	17/32
IMD262A	3/4" Drive SAE Shallow 12pt	13/16	1 3/8	1 5/8	1 1/32	2	9/16
IMD282A	3/4" Drive SAE Shallow 12pt	7/8	1 1/2	1 5/8	1 1/32	2	19/32
IMD302A*	3/4" Drive SAE Shallow 12pt	15/16	1 9/16	1 5/8	1 1/32	2	21/32
IMD322A*	3/4" Drive SAE Shallow 12pt	1	1 5/8	1 5/8	1 1/32	2	11/16
IMD342A	3/4" Drive SAE Shallow 12pt	1 1/16	1 11/16	1 5/8	1 1/32	2	3/4
IMD362A	3/4" Drive SAE Shallow 12pt	1 1/8	1 3/4	1 5/8	1 5/32	2 1/8	3/4
IMD382	3/4" Drive SAE Shallow 12pt	1 3/16	1 7/8	1 3/4	1 1/4	2 1/4	13/16
IMD402	3/4" Drive SAE Shallow 12pt	1 1/4	2	1 3/4	1 1/8	2 1/8	13/16
IMD422	3/4" Drive SAE Shallow 12pt	1 5/16	2 1/32	1 3/4	1 7/32	2 1/4	7/8
IMD442	3/4" Drive SAE Shallow 12pt	1 3/8	2 1/8	1 3/4	1 7/32	2 1/4	7/8
IMD462	3/4" Drive SAE Shallow 12pt	1 7/16	2 3/16	1 3/4	1 5/32	2 1/4	7/8
IMD482	3/4" Drive SAE Shallow 12pt	1 1/2	2 1/4	1 3/4	1 3/16	2 1/4	15/16
IMD502	3/4" Drive SAE Shallow 12pt	1 9/16	2 11/32	1 3/4	1 9/32	2 3/8	15/16
IMD522	3/4" Drive SAE Shallow 12pt	1 5/8	2 13/32	1 3/4	1 11/32	2 1/2	1
IMD542	3/4" Drive SAE Shallow 12pt	1 11/16	2 15/32	1 3/4	1 3/8	2 9/16	1 1/32
IMD562	3/4" Drive SAE Shallow 12pt	1 3/4	2 1/2	1 3/4	1 5/8	2 3/4	1
IMD582	3/4" Drive SAE Shallow 12pt	1 13/16	2 19/32	1 3/4	1 7/16	2 5/8	1 1/8
IMD602	3/4" Drive SAE Shallow 12pt	1 7/8	2 5/8	1 3/4	1 17/32	2 3/4	1 1/8
IMD622	3/4" Drive SAE Shallow 12pt	1 15/16	2 5/8	1 3/4	1 1/2	2 3/4	1 3/16
IMD642	3/4" Drive SAE Shallow 12pt	2	2 13/16	1 3/4	1 5/8	3	1 1/8
IMD662	3/4" Drive SAE Shallow 12pt	2 1/16	2 13/16	1 3/4	1 19/32	3	1 3/16
IMD682	3/4" Drive SAE Shallow 12pt	2 1/8	3 1/8	1 3/4	1 23/32	3	1 9/32
IMD702	3/4" Drive SAE Shallow 12pt	2 3/16	3 1/16	1 3/4	1 7/8	3 1/4	1 5/16
IMD722	3/4" Drive SAE Shallow 12pt	2 1/4	3 1/8	1 3/4	1 27/32	3 1/4	1 3/8
IMD762	3/4" Drive SAE Shallow 12pt	2 3/8	3 1/4	1 3/4	1 31/16	3 1/2	1 7/16



IMD302A

* Applications include repair of heavy duty trucks and off-road equipment, most diesel engines including Caterpillar and Cummins plus head bolts and bearing cap bolts.

IMD242A Applications:

- Most Caterpillar head bolts
- Detroit Diesel main bearing cap bolts
- K19 Cummins head bolts



Expanded 3/4" FLANK DRIVE® Impact Socket Offering (page 3)

Shallow 6 Point **6**

Snap-on Part #	Description	Size	A - Socket End Diameter	B - Drive End Diameter	C - Bolt Clearance Depth	D - Length	E - Opening Depth
IMM172A	3/4" Drive Metric Shallow 6pt	17mm	29.2	41.1	27.2	50.8	13.7
IMM182A	3/4" Drive Metric Shallow 6pt	18mm	31.6	41.1	27.2	50.8	12.7
IMM192A	3/4" Drive Metric Shallow 6pt	19mm	31.8	41.1	27.2	50.8	13.7
IMM202A	3/4" Drive Metric Shallow 6pt	20mm	35.1	41.1	27.2	50.8	14.0
IMM212A	3/4" Drive Metric Shallow 6pt	21mm	34.9	41.1	27.2	50.8	15.2
IMM222A	3/4" Drive Metric Shallow 6pt	22mm	38.1	41.1	27.2	50.8	15.2
IMM232A	3/4" Drive Metric Shallow 6pt	23mm	36.3	41.1	27.2	50.8	16.5
IMM242A	3/4" Drive Metric Shallow 6pt	24mm	39.5	41.1	26.4	50.8	16.5
IMM252A	3/4" Drive Metric Shallow 6pt	25mm	39.6	41.1	26.4	50.8	16.3
IMM262A	3/4" Drive Metric Shallow 6pt	26mm	39.6	41.1	26.4	50.8	17.5
IMM272A	3/4" Drive Metric Shallow 6pt	27mm	42.6	41.1	26.4	50.8	19.0
IMM282	3/4" Drive Metric Shallow 6pt	28mm	44.7	41.1	32.8	57.2	17.5
IMM292	3/4" Drive Metric Shallow 6pt	29mm	46.0	41.1	32.8	57.2	18.0
IMM302	3/4" Drive Metric Shallow 6pt	30mm	47.0	44.5	32.8	57.2	19.1
IMM312	3/4" Drive Metric Shallow 6pt	31mm	49.2	44.5	32.8	57.2	19.1
IMM322	3/4" Drive Metric Shallow 6pt	32mm	50.8	44.5	32.8	57.2	20.6
IMM332	3/4" Drive Metric Shallow 6pt	33mm	50.8	44.5	32.8	57.2	20.3
IMM342	3/4" Drive Metric Shallow 6pt	34mm	50.8	44.5	32.8	57.2	22.4
IMM352	3/4" Drive Metric Shallow 6pt	35mm	54.0	44.5	32.8	57.2	22.4
IMM362	3/4" Drive Metric Shallow 6pt	36mm	54.0	44.5	32.8	57.2	22.4
IMM382	3/4" Drive Metric Shallow 6pt	38mm	57.2	44.5	32.8	57.2	23.9
IMM402	3/4" Drive Metric Shallow 6pt	40mm	59.7	44.5	45.5	69.9	28.4
IMM412	3/4" Drive Metric Shallow 6pt	41mm	60.5	44.5	33.5	57.2	26.2
IMM462	3/4" Drive Metric Shallow 6pt	46mm	66.7	44.5	45.5	69.9	29.0
IMM502	3/4" Drive Metric Shallow 6pt	50mm	71.4	44.5	52.6	76.2	31.0



IMM302



IMFD242



Expanded 3/4" FLANK DRIVE® Impact Socket Offering (page 4)

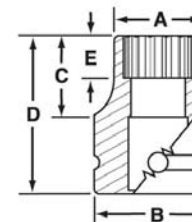
Shallow Thin Wall 12

Snap-on Part #	Description	Size	A - Socket End Diameter	B - Drive End Diameter	C - Bolt Clearance Depth	D - Length	E - Opening Depth
IMFD242	3/4" Drive SAE Shallow Thin Wall 12pt	3/4	1 1/8	1 5/8	1 1/32	2	17/32

IMFD242 Applications:

- Most Caterpillar head bolts
- Detroit Diesel main bearing cap bolts

- Cummins K19 vibration dampeners
- Clearance on certain head bolts requires the thin walled socket. On some of these sockets there is a pin that holds the socket onto the gun. This pin will hit the cam if the technician is not careful. These sockets also work on the cam gear for the same engines

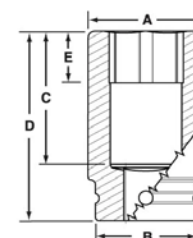


Deep 6 Point 6

Snap-on Part #	Description	Size	A - Socket End Diameter	B - Drive End Diameter	C - Bolt Clearance Depth	D - Length	E - Opening Depth
SIM182	3/4" Drive SAE Deep 6pt	9/16	1	1 5/8	2 1/16	3	9/16
SIM202	3/4" Drive SAE Deep 6pt	5/8	1 1/16	1 5/8	2 1/16	3	9/16
SIM222	3/4" Drive SAE Deep 6pt	11/16	1 1/8	1 5/8	2 1/16	3	9/16
SIM242	3/4" Drive SAE Deep 6pt	3/4	1 1/4	1 5/8	2 1/16	3	9/16
SIM262	3/4" Drive SAE Deep 6pt	13/16	1 7/16	1 5/8	1 15/32	3	9/16
SIM282	3/4" Drive SAE Deep 6pt	7/8	1 7/16	1 5/8	1 15/32	3	5/8
SIM302	3/4" Drive SAE Deep 6pt	15/16	1 5/8	1 5/8	1 15/32	3	21/32
SIM322	3/4" Drive SAE Deep 6pt	1	1 5/8	1 5/8	1 15/32	3	11/16
SIM342	3/4" Drive SAE Deep 6pt	1 1/16	1 11/16	1 5/8	1 5/16	3	3/4
SIM362	3/4" Drive SAE Deep 6pt	1 1/8	1 3/4	1 5/8	2 1/16	3	3/4
SIM382	3/4" Drive SAE Deep 6pt	1 3/16	2	1 3/4	2 5/16	3 1/4	3/4
SIM402	3/4" Drive SAE Deep 6pt	1 1/4	2	1 3/4	2 5/16	3 1/4	7/8
SIM422	3/4" Drive SAE Deep 6pt	1 5/16	2	1 3/4	2 5/16	3 1/4	7/8
SIM442	3/4" Drive SAE Deep 6pt	1 3/8	2 1/8	1 3/4	2 9/16	3 1/2	7/8
SIM462	3/4" Drive SAE Deep 6pt	1 7/16	2 3/16	1 3/4	2 9/16	3 1/2	7/8
SIM482	3/4" Drive SAE Deep 6pt	1 1/2	2 1/4	1 3/4	2 9/16	3 1/2	15/16
SIM502	3/4" Drive SAE Deep 6pt	1 9/16	2 5/16	1 3/4	2 13/32	3 1/2	15/16
SIM522	3/4" Drive SAE Deep 6pt	1 5/8	2 7/16	1 3/4	2 13/32	3 1/2	15/16
SIM542	3/4" Drive SAE Deep 6pt	1 11/16	2 1/2	1 3/4	2 13/32	3 1/2	1
SIM562	3/4" Drive SAE Deep 6pt	1 3/4	2 1/2	1 3/4	2 13/32	3 1/2	1
SIM582	3/4" Drive SAE Deep 6pt	1 13/16	2 5/8	1 3/4	2 9/16	3 3/4	1 1/16
SIM602	3/4" Drive SAE Deep 6pt	1 7/8	2 11/16	1 3/4	2 9/16	3 3/4	1 1/8
SIM642A	3/4" Drive SAE Deep 6pt	2	2 13/16	1 3/4	2 1/2	3 3/4	1 1/8



SIM402





Expanded 3/4" FLANK DRIVE® Impact Socket Offering (page 5)

Deep 6 Point **6**

Snap-on Part #	Description	Size	A - Socket End Diameter	B - Drive End Diameter	C - Bolt Clearance Depth	D - Length	E - Opening Depth
SIMM172	3/4" Drive Metric Deep 6pt	17mm	28.9	41.1	52.6	76.2	12.7
SIMM192	3/4" Drive Metric Deep 6pt	19mm	32.4	41.1	51.8	76.2	14.2
SIMM212	3/4" Drive Metric Deep 6pt	21mm	34.2	41.1	37.5	76.2	14.2
SIMM222	3/4" Drive Metric Deep 6pt	22mm	35.8	41.1	37.4	76.2	14.2
SIMM232	3/4" Drive Metric Deep 6pt	23mm	35.8	41.1	37.2	76.2	16.3
SIMM242	3/4" Drive Metric Deep 6pt	24mm	37.7	41.1	37.0	76.2	16.5
SIMM262	3/4" Drive Metric Deep 6pt	26mm	39.6	41.1	36.7	76.2	16.3
SIMM272	3/4" Drive Metric Deep 6pt	27mm	42.8	41.1	38.4	76.2	19.1
SIMM302	3/4" Drive Metric Deep 6pt	30mm	46.8	41.1	58.2	82.6	18.5
SIMM322	3/4" Drive Metric Deep 6pt	32mm	50.8	44.5	58.9	82.6	19.1
SIMM332	3/4" Drive Metric Deep 6pt	33mm	52.4	44.5	57.4	82.6	22.4
SIMM352	3/4" Drive Metric Deep 6pt	35mm	52.7	44.5	57.2	82.6	21.6
SIMM362	3/4" Drive Metric Deep 6pt	36mm	54.0	44.5	62.5	88.9	22.9
SIMM382	3/4" Drive Metric Deep 6pt	38mm	57.2	44.5	65.3	88.9	23.8
SIMM412*	3/4" Drive Metric Deep 6pt	41mm	55.1	44.5	74.9	100.1	26.7

*Applications include usage on Stud piloted, Budd style wheels.



SIMM302



WARNINGS



•Wear safety goggles. (User and bystanders)



•Read additional safety precautions on pages 534 to 537 in product catalog CAT1000.